



## **ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES**

ANDHAPASARA ROAD, BERHAMPUR-760 002, Dist. GANJAM, ODISHA, INDIA

(Approved by P.C.I., A.I.C.T.E. and Govt. of Odisha)

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**The college ensures effective delivery of curriculum through proper planning asunder:**

- 1. Follows University Academic Calendar**
- 2. lesson plans are made in advance by the concerned teacher.**
- 3. Sessional examinations are conducted regularly as per academic calendar, evaluated scripts are shown to students, and marks are submitted to University.**
- 4. All the procedures are documented and monitored by IQAC.**
- 5. Some relevant documents are attached hereunder:**

Director

Royal College of Pharmacy and  
Health Sciences, Berhampur (Gm.)

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

## ACADEMIC CALENDAR FOR AUTUMN SEMESTERS SESSION 2018-19

### B.TECH / B.ARCH / B.PLAN / MCA

| ODD Semester Activities            | 1st        |            | 3rd        |            | 5th        |            | 7th        |            | 9th        |            |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Starting Date of instruction       | 01-08-2018 |            | 01-08-2018 |            | 02-07-2018 |            | 02-07-2018 |            | 02-07-2018 |            |
| Registration without fine          | 01-08-2018 | 21-08-2018 | 01-08-2018 | 09-08-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 |
| Registration (Fine of ₹ 500 / -)   | NA         |            | 10-08-2018 | 18-08-2018 | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 |
| Registration (Fine of ₹ 1,000 / -) | NA         |            | 19-08-2018 | 26-08-2018 | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 |
| Backlog Registration               | NA         |            | 14-09-2018 | 19-09-2018 | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 |
| Class Test - I                     | 20-09-2018 | 28-09-2018 | 20-09-2018 | 26-09-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 |
| Display of Internal marks          | 06-10-2018 | 07-10-2018 | 04-10-2018 | 05-10-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 |
| On-line sending of marks           | 09-10-2018 | 13-10-2018 | 06-10-2018 | 11-10-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 |
| Class Test - II                    | 09-11-2018 | 16-11-2018 | 09-11-2018 | 15-11-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 |
| Display of Internal marks          | 17-11-2018 | 19-11-2018 | 16-11-2018 | 17-11-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 |
| Closing date of instruction        | 07-12-2018 |            | 07-12-2018 |            | 01-11-2018 |            | 01-11-2018 |            | 01-11-2018 |            |
| On-line sending of marks           | 08-12-2018 | 10-12-2018 | 08-12-2018 | 10-12-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 |
| End Semester Examinations          | 12-12-2018 | 24-12-2018 | 12-12-2018 | 24-12-2018 | 06-11-2018 | 24-11-2018 | 06-11-2018 | 24-11-2018 | NA         |            |
| Semester Break                     | 25-12-2018 | 01-01-2019 | 25-12-2018 | 04-01-2019 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 |
| Sports Meet                        | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 |
| Publication of Results             | 07-02-2019 |            | 22-02-2019 |            | 23-01-2019 |            | 13-01-2019 |            | 13-01-2019 |            |

### B.PHARM

| ODD Semester Activities            | 1st        |            | 3rd        |            | 5th        |            | 7th        |            |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Starting Date of instruction       | 01-08-2018 |            | 02-07-2018 |            | 02-07-2018 |            | 02-07-2018 |            |
| Registration without fine          | 01-08-2018 | 21-08-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 |
| Registration (Fine of ₹ 500 / -)   | NA         |            | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 |
| Registration (Fine of ₹ 1,000 / -) | NA         |            | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 |
| Backlog Registration               | NA         |            | 14-09-2018 | 19-09-2018 | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 |
| Class Test - I                     | 25-09-2018 | 03-10-2018 | 25-09-2018 | 01-10-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 |
| Display of Internal marks          | 11-10-2018 | 12-10-2018 | 09-10-2018 | 10-10-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 |
| On-line sending of marks           | 11-10-2018 | 12-10-2018 | 11-10-2018 | 12-10-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 |
| Class Test - II                    | 19-11-2018 | 26-11-2018 | 19-11-2018 | 26-11-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 |
| Display of Internal marks          | 27-11-2018 | 28-11-2018 | 27-11-2018 | 28-11-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 |
| Closing date of instruction        | 19-12-2018 |            | 19-12-2018 |            | 01-11-2018 |            | 01-11-2018 |            |
| On-line sending of marks           | 20-12-2018 | 22-12-2018 | 20-12-2018 | 22-12-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 |
| End Semester Examinations          | 24-12-2018 | 02-01-2019 | 24-12-2018 | 11-01-2019 | 06-11-2018 | 24-11-2018 | 06-11-2018 | 24-11-2018 |
| Semester Break                     | 03-01-2019 | 01-01-2019 | 12-01-2019 | 22-01-2019 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 |
| Sports Meet                        | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 |
| Publication of Results             | 16-02-2019 |            | 12-03-2019 |            | 23-01-2019 |            | 13-01-2019 |            |

### M.TECH / M.PHARM / M.ARCH / M.PLAN / M.SC. / MSC(I) / MBA / MBA(I) / MBA(PT) / MAM / MTM

| ODD Semester Activities            | 1st        |            | 3rd        |            | 5th        |            | 7th        |            | 9th        |            |
|------------------------------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Starting Date of instruction       | 01-08-2018 |            | 01-08-2018 |            | 02-07-2018 |            | 02-07-2018 |            | 02-07-2018 |            |
| Registration without fine          | 01-08-2018 | 21-08-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 | 02-07-2018 | 09-07-2018 |
| Registration (Fine of ₹ 500 / -)   | NA         |            | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 | 11-07-2018 | 18-07-2018 |
| Registration (Fine of ₹ 1,000 / -) | NA         |            | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 | 19-07-2018 | 26-07-2018 |
| Backlog Registration               | NA         |            | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 | 14-08-2018 | 19-08-2018 |
| Class Test - I                     | 20-09-2018 | 28-09-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 | 21-08-2018 | 27-08-2018 |
| Display of Internal marks          | 06-10-2018 | 07-10-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 | 04-09-2018 | 05-09-2018 |
| On-line sending of marks           | 09-10-2018 | 13-10-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 | 07-09-2018 | 12-09-2018 |
| Class Test - II                    | 09-11-2018 | 16-11-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 | 09-10-2018 | 13-10-2018 |
| Display of Internal marks          | 17-11-2018 | 19-11-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 | 25-10-2018 | 26-10-2018 |
| Closing date of instruction        | 07-12-2018 |            | 01-11-2018 |            | 01-11-2018 |            | 01-11-2018 |            | 01-11-2018 |            |
| On-line sending of marks           | 08-12-2018 | 10-12-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 | 02-11-2018 | 05-11-2018 |
| End Semester Examinations          | 12-12-2018 | 24-12-2018 | 06-11-2018 | 24-11-2018 | 06-11-2018 | 24-11-2018 | 06-11-2018 | 24-11-2018 | 06-11-2018 | 24-11-2018 |
| Semester Break                     | 22-12-2018 | 01-01-2019 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 | 25-11-2018 | 05-12-2018 |
| Sports Meet                        | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 | 26-12-2018 | 28-12-2018 |
| Publication of Results             | 07-02-2019 |            | 23-01-2019 |            | 23-01-2019 |            | 13-01-2019 |            | 13-01-2019 |            |

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DIRECTOR, CD



# Biju Patnaik University of Technology, Odisha

## Academic Calender for the Academic Year 2016-17

| <b>ODD Semester Activities</b>           | <b>1st Semester</b>   | <b>3rd Semester</b>   | <b>5th Semester</b>   | <b>7th Semester</b>   |
|------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Starting Date of instruction             | 01.08.2016            | 11.07.2016            | 11.07.2016            | 11.07.2016            |
| Registration without fine                | 01.08.2016-20.08.2016 | 11.07.2016-16.07.2016 | 11.07.2016-16.07.2016 | 11.07.2016-16.07.2016 |
| Registration (fine of Rs.500/-)          | NA                    | 18.07.2016-23.7.2016  | 18.07.2016-23.7.2016  | 18.07.2016-23.7.2016  |
| Registration (fine of Rs.1000/-)         | NA                    | 25.07.2016-30.07.2016 | 25.07.2016-30.07.2016 | 25.07.2016-30.07.2016 |
| Class Test - I                           | 19.09.2016-24.09.2016 | 16.08.2016-22.08.2016 | 16.08.2016-22.08.2016 | 16.08.2016-22.08.2016 |
| On-line sending of marks                 | 03.10.2016-06.10.2016 | 25.08.2016-31.08.2016 | 25.08.2016-31.08.2016 | 25.08.2016-31.08.2016 |
| Display of Internal marks(Un-Normalized) | 06.10.2016            | 01.09.2016            | 01.09.2016            | 01.09.2016            |
| Class Test - II                          | 23.11.2016-29.11.2016 | 17.10.2016-22.10.2016 | 17.10.2016-22.10.2016 | 17.10.2016-22.10.2016 |
| On-line sending of marks                 | 03.12.2016-05.12.2016 | 24.10.2016-28.10.2016 | 24.10.2016-28.10.2016 | 24.10.2016-28.10.2016 |
| Display of Internal marks(Un-Normalized) | 06.12.2016            | 31.10.2016            | 31.10.2016            | 31.10.2016            |
| Closing date of instruction              | 02.12.2016            | 28.10.2016            | 28.10.2016            | 28.10.2016            |
| Foundation Day                           | 21.11.2016            | 21.11.2016            | 21.11.2016            | 21.11.2016            |
| End Semester Examinations                | 07.12.2016-21.12.2016 | 07.11.2016-07.12.2016 | 07.11.2016-07.12.2016 | 07.11.2016-07.12.2016 |
| Semester Break                           | 22.12.2016-31.12.2016 | 07.12.2016-24.12.2016 | 07.12.2016-24.12.2016 | 07.12.2016-24.12.2016 |
| Sports Meet                              | 26.12.2016-27.12.2016 | 26.12.2016-27.12.2016 | 26.12.2016-27.12.2016 | 26.12.2016-27.12.2016 |
| Publication of Results                   | 10.02.2017            | 30.01.2017            | 30.01.2017            | 30.01.2017            |

| <b>EVEN Semester Activities</b>          | <b>2nd Semester</b>   | <b>4th Semester</b>   | <b>6th Semester</b>   | <b>8th Semester</b>   |
|------------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| Starting Date of instruction             | 02.01.2017            | 02.01.2017            | 02.01.2017            | 02.01.2017            |
| Registration without fine                | 02.01.2017-09.01.2017 | 02.01.2017-09.01.2017 | 02.01.2017-09.01.2017 | 02.01.2017-09.01.2017 |
| Registration (fine of Rs.500/-)          | 10.01.2017-17.01.2017 | 10.01.2017-17.01.2017 | 10.01.2017-17.01.2017 | 10.01.2017-17.01.2017 |
| Registration (fine of Rs.1000/-)         | 18.01.2017-25.01.2017 | 18.01.2017-25.01.2017 | 18.01.2017-25.01.2017 | 18.01.2017-25.01.2017 |
| Class Test - I                           | 02.02.2017-07.02.2017 | 02.02.2017-07.02.2017 | 02.02.2017-07.02.2017 | 02.02.2017-07.02.2017 |
| On-line sending of marks                 | 08.02.2017-14.02.2017 | 08.02.2017-14.02.2017 | 08.02.2017-14.02.2017 | 08.02.2017-14.02.2017 |
| Display of Internal marks(Un-Normalized) | 15.02.2017            | 15.02.2017            | 15.02.2017            | 15.02.2017            |
| Innovation And Talent Meet               | 17.03.2017-19.03.2017 | 17.03.2017-19.03.2017 | 17.03.2017-19.03.2017 | 17.03.2017-19.03.2017 |
| Class Test - II                          | 20.03.2017-25.03.2017 | 20.03.2017-25.03.2017 | 20.03.2017-25.03.2017 | 20.03.2017-25.03.2017 |
| On-line sending of marks                 | 27.03.2017-03.04.2017 | 27.03.2017-03.04.2017 | 27.03.2017-03.04.2017 | 27.03.2017-03.04.2017 |
| Display of Internal marks(Un-Normalized) | 04.04.2017            | 04.04.2017            | 04.04.2017            | 04.04.2017            |
| Closing date of instruction              | 13.04.2017            | 13.04.2017            | 13.04.2017            | 13.04.2017            |
| End Semester Examinations                | 24.04.2017-13.05.2017 | 24.04.2017-13.05.2017 | 24.04.2017-13.05.2017 | 24.04.2017-13.05.2017 |
| Semester Break                           | 14.05.2017-14.06.2017 | 14.05.2017-14.06.2017 | 14.05.2017-14.06.2017 |                       |
| Publication of Results                   | 14.06.2017            | 14.06.2017            | 14.06.2017            | 31.05.2017            |

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

## ACADEMIC CALENDAR FOR SPRING SEMESTERS SESSION 2018-19

### B.TECH / B.ARCH / B.PLAN / MCA

| Even Semester Activities                                  | 2nd       |           | 4th       |           | 6th       |           | 8th        |            | 10th      |           |
|-----------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|-----------|-----------|
| Commencement of Classes                                   | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 20/12/2018 | 20/12/2018 | 6/12/2018 | 6/12/2018 |
| Starting Date of instruction                              | 12/1/2019 |           | 12/1/2019 |           | 12/1/2019 |           | 20/12/2018 |            | 6/12/2018 |           |
| Registration without fine                                 | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019   | 7/2/2019   | 1/2/2019  | 7/2/2019  |
| Registration (Fine of `500 / -)                           | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019   | 15/2/2019  | 8/2/2019  | 15/2/2019 |
| Registration (Fine of `1,000 / -)                         | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019  | 23/2/2019  | 16/2/2019 | 23/2/2019 |
| consolidated resubmission document with fee in university | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019  | 3/3/2019   | 25/2/2019 | 3/3/2019  |
| Backlog Registration                                      | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019  | 23/2/2019  | 16/2/2019 | 23/2/2019 |
| Class Test - I                                            | 25/2/2019 | 27/2/2019 | 25/2/2019 | 27/2/2019 | 25/2/2019 | 27/2/2019 | 12/2/2019  | 14/2/2019  | 23/1/2019 | 25/1/2019 |
| Display of Internal marks                                 | 7/3/2019  | 9/3/2019  | 7/3/2019  | 9/3/2019  | 7/3/2019  | 9/3/2019  | 23/2/2019  | 25/2/2019  | 28/1/2019 | 29/1/2019 |
| On-line sending of marks                                  | 11/3/2019 | 12/3/2019 | 11/3/2019 | 12/3/2019 | 11/3/2019 | 12/3/2019 | 1/3/2019   | 2/3/2019   | 3/2/2019  | 4/2/2019  |
| Class Test - II                                           | 1/4/2019  | 3/4/2019  | 1/4/2019  | 3/4/2019  | 1/4/2019  | 3/4/2019  | 4/3/2019   | 6/3/2019   | 14/3/2019 | 16/3/2019 |
| Display of Internal marks                                 | 8/4/2019  | 9/4/2019  | 8/4/2019  | 9/4/2019  | 8/4/2019  | 9/4/2019  | 11/3/2019  | 13/3/2019  | 22/3/2019 | 23/3/2019 |
| Closing date of instruction                               | 15/4/2019 |           | 15/4/2019 |           | 15/4/2019 |           | 23/3/2019  |            | 23/3/2019 |           |
| On-line sending of marks                                  | 16/4/2019 | 17/4/2019 | 16/4/2019 | 17/4/2019 | 16/4/2019 | 17/4/2019 | 19/3/2019  | 21/3/2019  | 24/3/2019 | 25/3/2019 |
| End Semester Examinations                                 | 24/4/2019 | 8/5/2019  | 28/4/2019 | 9/5/2019  | 28/4/2019 | 9/5/2019  | 25/3/2019  | 5/4/2019   | 26/3/2019 | 6/4/2019  |
| Semester Break                                            | 11/5/2019 | 30/6/2019 | 10/5/2019 | 30/6/2019 | 11/5/2019 | 30/6/2019 | 6/4/2019   | 30/6/2019  | 7/4/2019  | 30/6/2019 |
| Publication of Results                                    | 25/7/2019 |           | 25/7/2019 |           | 25/7/2019 |           | 25/6/2019  |            | 25/6/2019 |           |

### B.PHARM

| Even Semester Activities                                  | 2nd       |           | 4th       |           | 6th        |            | 8th        |            |
|-----------------------------------------------------------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|
| Commencement of Classes                                   | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 20/12/2018 | 20/12/2018 | 20/12/2018 | 20/12/2018 |
| Starting Date of instruction                              | 12/1/2019 |           | 12/1/2019 |           | 20/12/2018 |            | 20/12/2018 |            |
| Registration without fine                                 | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019   | 7/2/2019   | 1/2/2019   | 7/2/2019   |
| Registration (Fine of `500 / -)                           | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019   | 15/2/2019  | 8/2/2019   | 15/2/2019  |
| Registration (Fine of `1,000 / -)                         | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019  | 23/2/2019  | 16/2/2019  | 23/2/2019  |
| consolidated resubmission document with fee in university | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019  | 3/3/2019   | 25/2/2019  | 3/3/2019   |
| Backlog Registration                                      | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019  | 23/2/2019  | 16/2/2019  | 23/2/2019  |
| Class Test - I                                            | 21/2/2019 | 23/2/2019 | 21/2/2019 | 23/2/2019 | 21/2/2019  | 23/2/2019  | 14/2/2019  | 16/2/2019  |
| Display of Internal marks                                 | 28/2/2019 | 2/3/2019  | 28/2/2019 | 2/3/2019  | 28/2/2019  | 2/3/2019   | 22/2/2019  | 23/2/2019  |
| On-line sending of marks                                  | 5/3/2019  | 9/3/2019  | 5/3/2019  | 9/3/2019  | 5/3/2019   | 9/3/2019   | 25/2/2019  | 28/2/2019  |
| Class Test - II                                           | 16/4/2019 | 18/4/2019 | 16/4/2019 | 18/4/2019 | 4/4/2019   | 6/4/2019   | 28/3/2019  | 30/3/2019  |
| Display of Internal marks                                 | 20/4/2019 | 22/4/2019 | 20/4/2019 | 22/4/2019 | 8/4/2019   | 9/4/2019   | 2/4/2019   | 3/4/2019   |
| Closing date of instruction                               | 23/4/2019 |           | 23/4/2019 |           | 10/4/2019  |            | 10/4/2019  |            |
| On-line sending of marks                                  | 24/4/2019 | 25/4/2019 | 24/4/2019 | 25/4/2019 | 11/4/2019  | 12/4/2019  | 8/4/2019   | 9/4/2019   |
| End Semester Examinations                                 | 29/4/2019 | 10/5/2019 | 29/4/2019 | 10/5/2019 | 16/4/2019  | 26/4/2019  | 10/4/2019  | 20/4/2019  |
| Semester Break                                            | 11/5/2019 | 30/6/2019 | 11/5/2019 | 30/6/2019 | 27/4/2019  | 30/6/2019  | 21/4/2019  | 30/6/2019  |
| Publication of Results                                    | 20/7/2019 |           | 20/7/2019 |           | 20/6/2019  |            | 15/6/2019  |            |

### M.TECH / M.PHARM / M.ARCH / M.PLAN / M.SC. / MSC(I) / MBA / MBA(I) / MBA(PT) / MAM / MTM

| Even Semester Activities                                  | 2nd       |           | 4th       |           | 6th       |           | 8th       |           | 10th      |           |
|-----------------------------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Commencement of Classes                                   | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 12/1/2019 | 6/12/2018 | 6/12/2018 |
| Starting Date of instruction                              | 12/1/2019 |           | 12/1/2019 |           | 12/1/2019 |           | 12/1/2019 |           | 6/12/2018 |           |
| Registration without fine                                 | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  | 1/2/2019  | 7/2/2019  |
| Registration (Fine of `500 / -)                           | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 | 8/2/2019  | 15/2/2019 |
| Registration (Fine of `1,000 / -)                         | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 |
| consolidated resubmission document with fee in university | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  | 25/2/2019 | 3/3/2019  |
| Backlog Registration                                      | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 | 16/2/2019 | 23/2/2019 |
| Class Test - I                                            | 21/2/2019 | 23/2/2019 | 21/2/2019 | 23/2/2019 | 21/2/2019 | 23/2/2019 | 21/2/2019 | 23/2/2019 | 23/1/2019 | 25/1/2019 |
| Display of Internal marks                                 | 28/2/2019 | 2/3/2019  | 28/2/2019 | 2/3/2019  | 28/2/2019 | 2/3/2019  | 28/2/2019 | 2/3/2019  | 28/1/2019 | 29/1/2019 |
| On-line sending of marks                                  | 5/3/2019  | 9/3/2019  | 5/3/2019  | 9/3/2019  | 5/3/2019  | 9/3/2019  | 5/3/2019  | 9/3/2019  | 3/2/2019  | 4/2/2019  |
| Class Test - II                                           | 4/4/2019  | 6/4/2019  | 4/4/2019  | 6/4/2019  | 4/4/2019  | 6/4/2019  | 4/4/2019  | 6/4/2019  | 14/3/2019 | 16/3/2019 |
| Display of Internal marks                                 | 8/4/2019  | 9/4/2019  | 8/4/2019  | 9/4/2019  | 8/4/2019  | 9/4/2019  | 8/4/2019  | 9/4/2019  | 22/3/2019 | 23/3/2019 |
| Closing date of instruction                               | 18/4/2019 |           | 13/4/2019 |           | 13/4/2019 |           | 13/4/2019 |           | 23/3/2019 |           |
| On-line sending of marks                                  | 11/4/2019 | 12/4/2019 | 11/4/2019 | 12/4/2019 | 11/4/2019 | 12/4/2019 | 11/4/2019 | 12/4/2019 | 24/3/2019 | 25/3/2019 |
| End Semester Examinations                                 | 29/4/2019 | 8/5/2019  | 29/4/2019 | 8/5/2019  | 29/4/2019 | 8/5/2019  | 29/4/2019 | 8/5/2019  | 26/3/2019 | 6/4/2019  |
| Semester Break                                            | 9/5/2019  | 30/6/2019 | 9/5/2019  | 30/6/2019 | 9/5/2019  | 30/6/2019 | 9/5/2019  | 30/6/2019 | 7/4/2019  | 30/6/2019 |
| Publication of Results                                    | 20/7/2019 |           | 20/7/2019 |           | 20/6/2019 |           | 20/6/2019 |           | 25/6/2019 |           |



## Annexure - 7

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

**Academic Calendar for Even Semester, 2021-22**  
(Subject to approval of the Academic Council & Board of Management)

## PART – I (Examinations)

| Sl. | Events/Activities                                                                                                                                                                                                                                                    | 2 <sup>nd</sup> / 4 <sup>th</sup><br>Semester<br>(2022) UG (All<br>courses) &<br>2 <sup>nd</sup> Semester<br>(2022) PG (All<br>courses)<br><br>(Date) | 6 <sup>th</sup> Semester UG<br>(All courses) / 4 <sup>th</sup><br>Semester B.Arch<br>/ 4 <sup>th</sup> Semester<br>MCA / MBA / 6 <sup>th</sup><br>Sem Integrated<br>MBA & 6 <sup>th</sup> Sem<br>M.Sc.(Integrated)<br><br>(Date) | 4 <sup>th</sup> Semester<br>(2022) M.Tech &<br>M.Pharm<br><br>(Date) | 8 <sup>th</sup> B.Tech<br>(Internship/Major<br>Project)/8 <sup>th</sup> Sem B.<br>Pharm/6 <sup>th</sup> Sem<br>MCA(Old)/8 <sup>th</sup> & 10 <sup>th</sup><br>Semester (Arch) & 8 <sup>th</sup><br>Sem MBA (Integrated)<br><br>(Date) |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01. | Date of Starting of Instructions / Classes for Even Semester 2021-22.                                                                                                                                                                                                | 07-07-2022                                                                                                                                            | 06-06-2022                                                                                                                                                                                                                       | 19-05-2022                                                           | 08-04-2022                                                                                                                                                                                                                            |
| 02. | Date of Registration for Even Semester Regular & Back 2021-22 (without fine)                                                                                                                                                                                         | 08-08-2022 –<br>13-08-2022                                                                                                                            | 04-07-2022 –<br>09-07-2022                                                                                                                                                                                                       | 20-06-2022 –<br>25-06-2022                                           | 06-06-2022 –<br>11-06-2022                                                                                                                                                                                                            |
| 03. | Date of Registration for Even Semester Regular & Back 2021-22 (with fine @ Rs. 500/-)                                                                                                                                                                                | 16-08-2022 –<br>20-08-2022                                                                                                                            | 11-07-2022 –<br>16-07-2022                                                                                                                                                                                                       | 27-06-2022 –<br>30-06-2022                                           | 13-06-2022 –<br>18-06-2022                                                                                                                                                                                                            |
| 04. | Date of Registration for Even Semester Regular & Back 2021-22 (with fine @ Rs. 1000/-)                                                                                                                                                                               | 22-08-2022 –<br>27-08-2022                                                                                                                            | 18-07-2022 –<br>23-07-2022                                                                                                                                                                                                       | 02-07-2022 –<br>07-07-2022                                           | 20-06-2022 –<br>25-06-2022                                                                                                                                                                                                            |
| 05  | Last Date of deposit of fees by the colleges in BPUT through SB Collect or in "University Examination Fund" under intimation to Director, Examination in hard and soft copy through email in prescribed formats as Annexure-1 for Even Semester Examination 2021-22. | 29-08-2022 –<br>31-08-2022                                                                                                                            | 25-07-2022 –<br>27-07-2022                                                                                                                                                                                                       | 08-07-2022 –<br>12-07-2022                                           | 27-06-2022 –<br>30-06-2022                                                                                                                                                                                                            |
| 06. | Date of conduct of Class Test-I by the colleges.                                                                                                                                                                                                                     | 22-08-2022 –<br>27-08-2022                                                                                                                            | 11-07-2022 –<br>16-07-2022                                                                                                                                                                                                       |                                                                      | 17-05-2022 –<br>21-05-2022                                                                                                                                                                                                            |
| 07. | Date of display of Marks of Class Test-I by the colleges in College Website.                                                                                                                                                                                         | 27-08-2022                                                                                                                                            | 18-07-2022                                                                                                                                                                                                                       |                                                                      | 23-05-2022                                                                                                                                                                                                                            |
| 08. | Date of conduct of Class Test-II by the colleges.                                                                                                                                                                                                                    | 26-09-2022 –<br>01-10-2022                                                                                                                            | 22-08-2022 –<br>27-08-2022                                                                                                                                                                                                       |                                                                      | 27-06-2022 –<br>02-07-2022                                                                                                                                                                                                            |

Director I/c, Examination

Director Examination  
Biju Patnaik University of Technology  
Odisha, Rourkela

Director I/c, CD & CDC

DIRECTOR, CD & CDC

PIC (R&D)

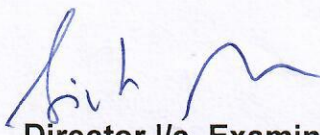
PIC, R & D

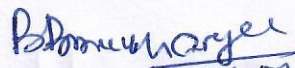
Registrar

Registrar  
Biju Patnaik University  
of Technology, Odisha,  
Rourkela -15

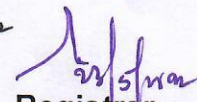


|     |                                                                                                                                                                                                                                                                  |                                                                    |                                                                    |                                        |                                                                                                                                                  |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
|     | Date of display of Marks of Class Test-II by the colleges in college website.                                                                                                                                                                                    | 10-10-2022                                                         | 29-08-2022                                                         |                                        | 04-07-2022                                                                                                                                       |
| 10. | Date of Notifications of detailed Even Semester Examinations 2021-22 schedule by the Director, Examination, BPUT in BPUT official website i.e. www.bput.ac.in                                                                                                    | 02-09-2022                                                         | 30-07-2022                                                         |                                        | 30-06-2022                                                                                                                                       |
| 11. | Date of uploading of Internal Marks (Class Test-I&II, Lab., Sessional, Projects, Seminars, etc.) for Even Semester 2021-22 by the Colleges to the Director, Examination of BPUT through online.                                                                  | 20-10-2022                                                         | 03-09-2022                                                         |                                        | 11-07-2022 – 16-07-2022<br>(Except 8 <sup>th</sup> Semester B.Tech)<br><br>09-07-2022 – 12-07-2022<br>(for 8 <sup>th</sup> Semester B.Tech only) |
| 12. | Date of closing of Even Semester Classes 2021-22                                                                                                                                                                                                                 | 15-10-2022                                                         | 10-09-2022                                                         | 13-08-2022<br>(Thesis submission date) | 11-07-2022                                                                                                                                       |
| 13. | Date of receipt of signed Report from the Principals of the colleges by the Director, Examinations, BPUT by Email for debarring defaulting students (if any) from the Even Semester 2021-22 examinations who do not fulfil attendance requirements as per rules. | 28-09-2022 – 01-10-2022<br>(Attendance Calculate up to 29-09-2022) | 29-08-2022 – 30-08-2022<br>(Attendance Calculate up to 27-08-2022) |                                        | 27-06-2022 – 30-06-2022                                                                                                                          |
| 14. | Date of on-line despatch of Admit Cards for Even Semester 2021-22 Examination from the Director, Examinations, BPUT to Centre Superintendents / Principals.                                                                                                      | 10-10-2022                                                         | 16-09-2022                                                         |                                        | 15-07-2022                                                                                                                                       |
| 15. | Date of Conduct of Even Semester Examinations 2021-22                                                                                                                                                                                                            | 17-10-2022 – 05-11-2022                                            | 19-09-2022 – 30-09-2022                                            | 20-08-2022 – 25-08-2022                | 20-07-2022 – 25-07-2022                                                                                                                          |
| 16. | Duration of Semester Break (for Internship / Sports etc.) for the students.                                                                                                                                                                                      |                                                                    |                                                                    |                                        |                                                                                                                                                  |
| 17. | Date of commencement of classes for ODD Semester 2022-23.                                                                                                                                                                                                        | 07-11-2022                                                         | 10-10-2022                                                         |                                        |                                                                                                                                                  |
| 18. | Date of Publication of Even Semester 2021-22 results in the University official                                                                                                                                                                                  | 15-12-2022                                                         | 10-11-2022                                                         | 31-08-2022                             | 31-08-2022<br>(Except 8 <sup>th</sup> Semester B.Tech)                                                                                           |

  
**Director I/c, Examination**  
 Director Examination  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

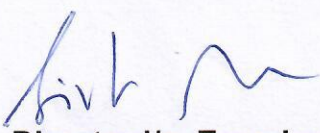
  
**Director I/c, CD & CDC**  
 DIRECTOR, CD & CDC

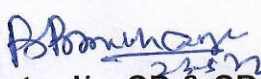
  
**PIC (R&D)**  
 PIC, R & D

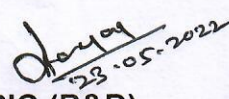
  
**Registrar**  
 Registrar  
 Biju Patnaik University  
 of Technology, Odisha,  
 Rourkela

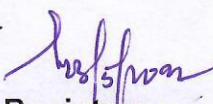


|     |                                                                                                                                                                                                                                          |                                                 |                                                 |             |                                                                                                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|-------------|-------------------------------------------------------------------------------------------------------------|
|     | website, Student Login and College Login by the Director, Exam., BPUT.                                                                                                                                                                   |                                                 |                                                 |             | 18-07-2022<br>(for 8 <sup>th</sup> Semester B.Tech only)                                                    |
| 19. | Date of online registration for rechecking of Even Semester 2021-22 results.                                                                                                                                                             | 05-01-2023 –<br>12-01-2023                      | 14-11-2022 –<br>19-11-2022                      |             | 02-09-2022 –<br>07-09-2022                                                                                  |
| 20. | Deposit of Fees through SB Collect to BPUT by the Colleges for rechecking of Even Semester 2021-22 scripts.                                                                                                                              | 17-01-2023 –<br>31-01-2023                      | 24-11-2022 –<br>30-11-2022                      |             | 08-09-2022 –<br>10-09-2022                                                                                  |
| 21. | Date of Publication of rechecking of results of Even Semester-2021-22 and display in BPUT official website, Student Login and College Login by the Director, Examinations, BPUT.                                                         | 15-02-2023                                      | 15-12-2022                                      |             | 30-09-2022                                                                                                  |
| 22. | Date of despatch of Online signed Grade Sheets for the Even Examinations 2021-22 by the Director, Examination, BPUT.                                                                                                                     | 15-01-2023<br>28-02-2023<br>(after re-checking) | 30-11-2022<br>30-12-2022<br>(after re-checking) | 15-09-2022  | 30-07-2022<br>(for 8 <sup>th</sup> Semester B.Tech only)<br>15-09-2022<br>15-10-2022<br>(after re-checking) |
| 23. | Last Date for receipt of Bills on Centre Expenses from the concerned Centre Superintendents/ Principals for Even Semester Examinations 2019-20                                                                                           | 15-02-2023                                      | 31-01-2023                                      | 15-09-2022  | 31-10-2022                                                                                                  |
| 24. | Last Date for receipt of Bills from the Examiners towards remuneration for evaluation of answer scripts through the concerned Coordinators of evaluation centre for Even Semester Examinations-2021 by the Director, Examinations, BPUT. | 15-01-2023<br>28-02-2023<br>(after re-checking) | 30-11-2022<br>31-12-2022<br>(after re-checking) |             | 30-09-2022<br>31-10-2022<br>(after re-checking)                                                             |
| 25. | Last date of on-line payment of remuneration to Examiners' Account for the Even Semester Examinations-2021-22 by the Director, Examinations & Finance Officer of BPUT.                                                                   | 15-03-2023<br>31-03-2023<br>(after re-checking) | 31-01-2023<br>28-02-2023<br>(after re-checking) |             | 30-10-2022<br>30-11-2022<br>(after re-checking)                                                             |
| 26. | Proposed month for holding Convocation for the 2021-22 pass out batch.                                                                                                                                                                   | March, 2023                                     | March, 2023                                     | March, 2023 | March, 2023                                                                                                 |

  
**Director I/c, Examination**  
 Director Examination  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

  
**Director I/c, CD & CDC**  
 DIRECTOR, CD & CDC  
 PIC, R & D

  
**PIC (R&D)**

  
**Registrar**  
 Registrar  
 Biju Patnaik University  
 of Technology, Odisha,  
 Rourkela -15

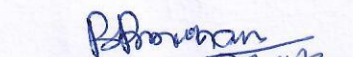


## PART – II (Ph.D.), (Research & Development)

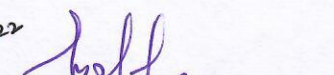
**(All Notifications shall be in University Website only. No separate letter shall be sent to anybody by the University)**

| Sl. | Events/Activities                                                                                                                                                                                                                                   | Dates                                                                                         |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 01. | Date of Notification of BPUT inviting applications to be recognised as Supervisor / Co-Supervisor.                                                                                                                                                  | 25-05-2022                                                                                    |
| 02. | Last date of Receipt of Applications for Recognition as Ph. D Supervisor/Co-Supervisor for 2022-23 in the prescribed format by the PIC, R&D, BPUT by Speed Post only.                                                                               | 17-06-2022                                                                                    |
| 03. | Date of notification in website of vacancy position for Ph.D. (Category Wise) with the name of Supervisors in different disciplines & list of NCR for 2022-23 academic year.                                                                        | 25-06-2022                                                                                    |
| 04. | Date of Web Notification& advertisement through BPUT Website and 02 Nos. of Odia Newspapers for conduct of Ph.D. Entrance Test (Written) by the Director, Examinations of BPUT.                                                                     | 27-06-2022                                                                                    |
| 05. | Last Date of Receipt of Applications for the Ph.D. Entrance Test by the Director of Examination, BPUT.                                                                                                                                              | 26-07-2022                                                                                    |
| 06. | Date of conduct of Entrance Examination (written) for the Ph.D. programme of the University by the Director, Examinations of BPUT.                                                                                                                  | 14-08-2022 (Sunday)                                                                           |
| 07. | Date of Publication of Ph.D. Entrance Test (Written) Results by the Director, Examinations of BPUT in University website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                    | 22-08-2022                                                                                    |
| 08. | Date of conduct of interviews (Viva voce) for the enrolment to Ph.D. programme of the BPUT by PIC, R&D, BPUT.                                                                                                                                       | 29-08-2022 to 03-09-2022                                                                      |
| 09. | Last date of Publication of list of successful candidates and the list of Recommended Supervisors for enrolment to Ph.D. programme of the University by the PIC, R&D, BPUT in University website <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 07-09-2022                                                                                    |
| 10. | Last of date of Receipt of Applications from the successful candidates for enrolment to Ph.D. programme of the University with the choice of Supervisors/Co-Supervisors& NCRs by PIC, R&D, BPUT. (By Speed Post).                                   | 26-09-2022                                                                                    |
| 11. | Date of notification on allotment of Supervisors and Co-Supervisors,& formation of DSC by PIC, R&D, BPUT (University Website).                                                                                                                      | 30-09-2022                                                                                    |
| 12. | Date of Reporting at NCRs by Candidates for admission.                                                                                                                                                                                              | 10-10-2022 & 11-10-2022                                                                       |
| 13. | Date of first DSC meeting for allotment of Course Works by the DSC (out of the subjects offered in that particular NCR at Masters level & Course work/ SWAYAM-MOOCs).                                                                               | 17-10-2022                                                                                    |
| 14. | Last Date of sending programme of 1 <sup>st</sup> DSC & Course Work allotment to BPUT by Nodal Centres of Research. (PhD Scholars can also be allotted course works from SWAYAM-NPTEL MOOCs)                                                        | 27-10-2022                                                                                    |
| 15. | Last Date of declaration of the Schedules for the Ph.D.Course Work Examinations (same as per Master Degree Programmes) by the Director, Examination of BPUT / Controller of Examinations of the Autonomous Colleges.                                | Same as per Master Degree Programme of Odd/Even Semester 2022/ SWAYAM-NPTEL Calendar for 2022 |
| 16. | Date for Course Work examination.                                                                                                                                                                                                                   | Same as per Master Degree Programme of Odd/Even Semester 2022/ SWAYAM-NPTEL Calendar for 2022 |
| 17. | Date of Publication of Course Work examination results.                                                                                                                                                                                             | Same as per Master Degree Programme of Odd/Even Semester 2022                                 |
| 18. | Date of On-line applications for the rechecking of Ph.D. Course Work examinations results by the Director, Examinations/Controller of                                                                                                               | Same as per Master Degree Programme of Odd/Even Semester                                      |

  
**Director I/c, Examination**  
 Director Examination  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

  
**Director I/c, CD & CDC**  
 DIRECTOR, CD & CDC

  
**PIC, R & D**  
 PIC (R&D)

  
**Registrar**  
 Biju Patnaik University  
 of Technology, Odisha,  
 Rourkela -15



## Annexure-7

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

## Academic Calendar for the Even-2020 (2<sup>nd</sup> & 4<sup>th</sup> Sem) and Odd Semester-2021 (1<sup>st</sup> Sem, 7<sup>th</sup> Sem) Activities

(Subject to approval of the Academic Council & Board of Management)

### PART – I (Examinations)

| Sl. | Events/Activities                                                                                                                      | 1 <sup>st</sup> Semester<br>(2021)/ 3 <sup>rd</sup><br>Sem (LE)**<br>Date<br>(Online/<br>Offline)<br>(UG & PG) | 2 <sup>nd</sup><br>Semester<br>(2020)<br>Date<br>(Online/<br>Offline)<br>(UG & PG) | 4 <sup>th</sup> Semester<br>Date<br>(2020)<br>(Online/<br>Offline) | 7 <sup>th</sup> /9 <sup>th</sup> Semester<br>Date<br>(2021)<br>(Online/<br>Offline) |
|-----|----------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|--------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 01. | Date of Starting of Instructions / Classes for Even Semester-2021.                                                                     | 01.10.2021                                                                                                     | 18.06.2021                                                                         | 18.06.2021                                                         | 01.09.2021                                                                          |
| 02. | Date of Online Entry for Even Semester-2020 / Odd Semester-2021<br>Exam registration (without fine) & branch change.<br>[Regular/Back] | -                                                                                                              | 25.08.2021<br>to<br>31.08.2021                                                     | 25.08.2021<br>to<br>31.08.2021                                     | 13.09.2021<br>To<br>18.09.2021                                                      |
| 03. | Date of Online Entry for Even Semester-2020 / Odd Semester-2021<br>Registration (with fine @ Rs. 500/-)<br>[Regular/Back]              | -                                                                                                              | 01.09.2021<br>to<br>02.09.2021                                                     | 01.09.2021<br>To<br>02.09.2021                                     | 20.09.2021<br>to<br>22.09.2021                                                      |
| 04. | Last Date of deposit of fees by colleges in BPUT through SB Collect for registration with letter (list of candidates) to               | 30.10.2021<br>(Including Non-OJEE/<br>students<br>admitted<br>through PMSS<br>etc.)                            | 03.09.2021                                                                         | 03.09.2021                                                         | 23.09.2021                                                                          |

  
Director, Examination  
Biju Patnaik University of Technology  
Odisha, Rourkela

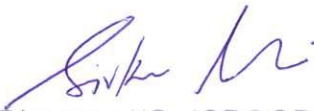
  
Director, Curriculum Development  
Biju Patnaik University of Technology, Odisha  
Rourkela

  
Registrar  
Biju Patnaik University  
of Technology, Odisha,  
Rourkela -15



|     |                                                                                                                                                                                                                                                                                              |                          |                          |                          |                          |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
|     | Director, Examinations of BPUT in both hard copy and soft copy through email for registration Odd Semester Examination-2020.                                                                                                                                                                 |                          |                          |                          |                          |
| 06  | Display of List of Registered students/candidates in the University Portal for Even Semester-2020 / Odd Semester-2021                                                                                                                                                                        | 02.11.2021               | 04.09.2021               | 04.09.2021               | 24.09.2021               |
| 07. | Date of conduct of Class Test-I by the colleges.                                                                                                                                                                                                                                             | 03.11.2021 to 09.11.2021 | 19.07.2021 to 24.07.2021 | 19.07.2021 to 24.07.2021 | 25.10.2021 to 29.10.2021 |
| 08. | Date of display of Marks of Class Test-I by the colleges in college website.                                                                                                                                                                                                                 | 10.11.2021               | 26.07.2021               | 26.07.2021               | 30.10.2021               |
| 09. | Date of conduct of Class Test-II by the colleges.                                                                                                                                                                                                                                            | 09.12.2021 to 14.12.2021 | 06.09.2021 to 11.09.2021 | 06.09.2021 to 11.09.2021 | 06.12.2021 to 10.12.2021 |
| 10. | Date of display of Marks of Class Test-II by the colleges in college website.                                                                                                                                                                                                                | 15.12.2021               | 13.09.2021               | 13.09.2021               | 11.12.2021               |
| 11. | Date of Notifications of detailed Even (2 <sup>nd</sup> & 4 <sup>th</sup> Sem 2020)/Odd (1 <sup>st</sup> & 7 <sup>th</sup> Sem 2021) Semester Examinations-2021 schedule by the Director, Examination, BPUT in BPUT official website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 24.12.2021               | 23.08.2021               | 23.08.2021               | 20.11.2021               |
| 12. | Last Date of uploading of Internal Marks (Class Test-                                                                                                                                                                                                                                        | 17.01.2022 to 20.01.2022 | 15.09.2021 to 18.09.2021 | 15.09.2021 to 18.09.2021 | 13.12.2021 to 16.12.2021 |

  
**Director Examination**  
 Biju Patnaik University of Technology  
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**Director, Curriculum Development**  
 Biju Patnaik University of Technology, Odisha  
 Rourkela

  
**PIC (R&D)**  
 BPUT

  
**Registrar**  
 Biju Patnaik University  
 of Technology, Odisha,  
 Rourkela -15

|     |                                                                                                                                                                                                                                                              |                                                      |                                                      |                                                      |                                                      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|     | I&II, Lab., Sessional, Projects, Seminars, etc.) for Odd Semester-2020 by the Colleges to the Director, Examination of BPUT through online.                                                                                                                  |                                                      |                                                      |                                                      |                                                      |
| 13. | Date of closing of Even (2 <sup>nd</sup> & 4 <sup>th</sup> Sem 2020) / Odd (1 <sup>st</sup> and 7 <sup>th</sup> Semester 2021) Classes                                                                                                                       | 20.01.2022                                           | 18.09.2021                                           | 18.09.2021                                           | 16.12.2021                                           |
| 14. | Last date of receipt of signed Report from the Principals of the colleges by the Director, Examinations, BPUT by Email for debarring defaulting students (if any) from the Odd Semester examinations who do not fulfil attendance requirements as per rules. | 21.01.2022<br>Attendance Calculated up to 20.01.2022 | 20.09.2021<br>Attendance Calculated up to 18.09.2021 | 20.09.2021<br>Attendance Calculated up to 18.09.2021 | 17.12.2021<br>Attendance Calculated up to 16.12.2021 |
| 15. | Last Date of on-line despatch of Admit Cards for Even Semester-2020 / Odd Semester-2021 Examination from the Director, Examinations, BPUT to Centre Superintendents/ Principals.                                                                             | 22.01.2022                                           | 21.09.2021                                           | 21.09.2021                                           | 18.12.2021                                           |
| 16. | Date of Conduct of Even Semester-2020 / Odd Semester-2021 Examinations.                                                                                                                                                                                      | 24.01.2022 to 05.02.2022                             | 23.09.2021 to 09.10.2021                             | 23.09.2021 to 09.10.2021                             | 20.12.2021 to 31.12.2021                             |
| 17. | Semester Break                                                                                                                                                                                                                                               |                                                      |                                                      |                                                      |                                                      |
| 18. | Date of                                                                                                                                                                                                                                                      |                                                      | 21.10.2021                                           |                                                      |                                                      |

  
**Director, Examination**  
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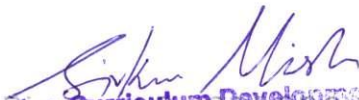
  
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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|----------------------------------------------------|
|     | commencement of classes for Next Even Semester-2021 / Odd Semester-2021                                                                                                                          | 14.02.2022                                         |                                                    | 21.10.2021                                         | 02.01.2022                                         |
| 19. | Date of Publication of Even Semester-2020 / Odd Semester-2021 results in the University official website, Student Login and College Login by the Director, Examination, BPUT.                    | 04.03.2022                                         | 09.11.2021                                         | 09.11.2021                                         | 31.01.2022                                         |
| 20. | Date of online registration for rechecking of Odd Semester-2020 results.                                                                                                                         | 05.03.2022 to 07.03.2022 (In case of offline exam) | 10.11.2021 to 12.11.2021 (In case of offline exam) | 10.11.2021 to 12.11.2021 (In case of offline exam) | 01.02.2022 to 03.02.2022 (In case of offline exam) |
| 21. | Deposit of Fees through SB Collect to BPUT by the Colleges for rechecking of Even Semester-2020 / Odd Semester-2021 scripts.                                                                     | 08.03.2022 to 10.03.2022 (In case of offline exam) | 15.11.2021 to 16.11.2021 (In case of offline exam) | 15.11.2021 to 16.11.2021 (In case of offline exam) | 04.02.2022 to 06.02.2022 (In case of offline exam) |
| 22. | Date of Publication of rechecking of results of Even Semester-2020/ Odd Semester-2021 and display in BPUT official website, Student Login and College Login by the Director, Examinations, BPUT. | 17.03.2023 (In case of offline exam)               | 22.11.2021 (In case of offline exam)               | 22.11.2021 (In case of offline exam)               | 14.02.2022 (In case of offline exam)               |
| 23. | Proposed month for holding Odd Semester (3 <sup>rd</sup> & 4 <sup>th</sup> )                                                                                                                     | Last Week of May 2022                              | Last Week of January 2021                          | Last Week of January 2021                          | 2 <sup>nd</sup> Week of May 2022                   |

  
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 Rourkela

  
**PIC, R&D**  
 Biju Patnaik University of Technology, Odisha, Rourkela

  
**Registrar**  
 Biju Patnaik University of Technology, Odisha,  
 Rourkela -15

|     |                                                                                                                                                                          |                           |                                  |                                  |                          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------|----------------------------------|--------------------------|
|     | 5 <sup>th</sup> Sem) Exam 2021/<br>(2 <sup>nd</sup> & 8 <sup>th</sup> Sem) Exam<br>2021                                                                                  |                           |                                  |                                  |                          |
| 24. | Proposed month for<br>Publication of Even<br>Semester (2 <sup>nd</sup> & 3 <sup>rd</sup> )<br>Exam 2021/ (2 <sup>nd</sup> & 8 <sup>th</sup><br>Sem) Exam 2021<br>Results | Last Week of<br>June 2022 | Last Week<br>of February<br>2022 | Last Week of<br>February<br>2022 | Last Week of<br>May 2022 |

*The academic events shall be conducted either in online/ off line mode depending upon the Covid 19 situation and the Govt. Of Odisha guidelines as declared time to time and University notifications. All online classes can be conducted on all days excepting Sundays to save time as mentioned in SOP earlier.*

**\*\* For B.Tech 3<sup>rd</sup> Semester Lateral Entry Students, the Commencement of Classes will be with the regular B.Tech Students w.e.f 21.10.2021 (Pt. No. 18, Column 4, Part-I of academic calendar)**

## PART – II (Ph.D.), (Research & Development)

| Sl. | Events/Activities                                                                                                                                                                | Dates                    |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 25. | Last date of Receipt of Applications for Recognition as Ph. DSupervisor/Co-Supervisor for 2021-22 in the prescribed format by the PIC, R&D, BPUT.                                | 25.09.2021               |
| 26. | Date of notification of vacancy position for Ph.D. (Category Wise) with the name of Supervisors in different disciplines & list of NCR for 2021-22 academic year.                | 08.10.2021               |
| 27. | Date of Web Notification & advertisement through 02 Nos. of Odia Newspapers for conduct of Ph.D. Entrance Test (Written) by the Director, Examinations of BPUT.                  | 30.09.2021               |
| 28. | Last Date of Receipt of Applications for the Ph.D. Entrance Test by the Director of Examination, BPUT.                                                                           | 25.10.2021               |
| 29. | Date of conduct of Entrance Examination (written) for the Ph.D. programme of the University by the Director, Examinations of BPUT.                                               | 14.11.2021 (Sunday)      |
| 30. | Date of Publication of Ph.D. Entrance Test (Written) Results by the Director, Examinations of BPUT in University website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 17.11.2021               |
| 31. | Date of conduct of interviews (Viva voce) for the enrolment to Ph.D. programme of the BPUT by PIC, R&D, BPUT.                                                                    | 01.12.2021 to 08.12.2021 |

  
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|     |                                                                                                                                                                                                                                                     |                                                                                                  |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 32. | Last date of Publication of list of successful candidates and the list of Recommended Supervisors for enrolment to Ph.D. programme of the University by the PIC, R&D, BPUT in University website <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 16.12.2021                                                                                       |
| 33. | Last of date of Receipt of Applications from the successful candidates for enrolment to Ph.D. programme of the University with the choice of Supervisors/Co-Supervisors & NCRs by PIC, R&D, BPUT. (By Speed Post).                                  | 30.12.2021                                                                                       |
| 34. | Date of web notification on allotment of Supervisors and Co-Supervisors by PIC, R&D, BPUT.                                                                                                                                                          | 07.01.2022                                                                                       |
| 35. | Date of online enrolment to Ph.D. & Reporting at NCR.                                                                                                                                                                                               | 12.01.2022                                                                                       |
| 36. | Date of on-line Deposit of fees in BPUT SB Account No. _____ in SBI, Udit Nagar Branch, Rourkela through SB collect for the Ph.D. enrolment by BPUT-NCR to BPUT with a letter to PIC, R&D, BPUT.                                                    | 15.01.2022                                                                                       |
| 37. | Date for Notification of formation of DSC in the official website of BPUT i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                                                                   | 24.01.2022                                                                                       |
| 38. | Date of first DSC meeting for allotment of Course Works by the DSC (out of the subjects offered in that particular NCR at Masters level & Course work/ SWAYAM-MOOCs).                                                                               | 27.01.2022                                                                                       |
| 39. | Date of sending programme of 1 <sup>st</sup> DSC & Course Work allotment to BPUT by Nodal Centres of Research. (PhD Scholars can also be allotted course works from SWAYAM-NPTEL MOOCs)                                                             | 29.01.2022                                                                                       |
| 40. | Last Date of declaration of the Schedules for the Ph.D. Course Work Examinations (same as per Master Degree Programmes) by the Director, Examination of BPUT / Controller of Examinations of the Autonomous Colleges.                               | Same as per Master Degree Programme of Odd Semester 2022/ SWAYAM-NPTEL Calendar for Odd Sem 2022 |
| 41. | Date for Course Work examination.                                                                                                                                                                                                                   | Same as per Master Degree Programme of Odd Semester 2022/ SWAYAM-NPTEL                           |

  
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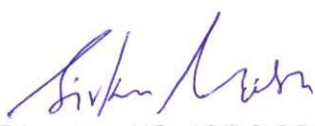
  
**Director, Curriculum Development**  
 Biju Patnaik University of Technology, Odisha  
 Rourkela

  
**PIC, R&D**

  
**Registrar**  
 Biju Patnaik University  
 of Technology, Odisha,  
 Rourkela -15

|     |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                          |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
|     |                                                                                                                                                                                                                                                                                                                                                                                                        | Calendar for Odd Sem 2022                                |
| 42. | Date of Publication of Course Work examination results.                                                                                                                                                                                                                                                                                                                                                | Same as per Master Degree Programme of Odd Semester 2022 |
| 43. | Date of On-line applications for the rechecking of Ph.D. Course Work examinations results by the Director, Examinations/Controller of Examinations of the Autonomous Colleges as per the Masters degree papers.                                                                                                                                                                                        | Same as per Master Degree Programme of Odd Semester 2022 |
| 44. | Date of Publication of rechecked results of Ph.D. Course Work and generation of signed On-line Grade Sheets by the Director, Examinations of BPUT / Controller of Examinations of the Autonomous Colleges and issue of Course Completion Certificates to the eligible students with a copy to PIC, R&D, BPUT by the Director, Examinations of BPUT /Controller of Examinations of Autonomous Colleges. | Same as per Master Degree Programme of Odd Semester 2022 |
| 45. | Date of 2 <sup>nd</sup> DSC meeting for each Scholar for recommendation for the registration to Ph.D. after verification of all requirements at the concerned NCR by the PIC, R&D, BPUT.                                                                                                                                                                                                               | 01.06.2022 to 13.06.2022                                 |
| 46. | Last date of receipt of all the documents from NCRs by PIC, R&D, BPUT for Registration.                                                                                                                                                                                                                                                                                                                | 14.06.2022 to 21.06.2022                                 |
| 47. | Date of Scrutiny of applications and recommendations of DSC for Ph.D. Registration by PIC, R&D, BPUT.                                                                                                                                                                                                                                                                                                  | 22.06.2022 to 28.06.2022                                 |
| 48. | Date of Notifications in the official website of the BPUT regarding the list of Registered Candidates for Ph.D. programmes of the BPUT by PIC, R&D, BPUT.                                                                                                                                                                                                                                              | 30.06.2022                                               |
| 49. | Date of Disposal of all old cases of Ph.D., DSC formation, Registration, Thesis Submission, etc. in phase wise by PIC, R&D, BPUT.                                                                                                                                                                                                                                                                      | Till 31.12.2021                                          |

  
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 of Technology, Odisha,  
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# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA



## ACADEMIC CALENDAR FOR THE SESSION 2017-18

| ODD Semester Activities          | 1st                     | 3rd                     | 5th                     | 7th                     |
|----------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Starting Date of instruction     | 01-08-2017              | 03-07-2017              | 03-07-2017              | 03-07-2017              |
| Registration without fine        | 01-08-2017 - 21-08-2017 | 03-07-2017 - 10-07-2017 | 03-07-2017 - 10-07-2017 | 03-07-2017 - 10-07-2017 |
| Registration (Fine of ₹ 500/-)   | NA                      | 11-07-2017 - 18-07-2017 | 11-07-2017 - 18-07-2017 | 11-07-2017 - 18-07-2017 |
| Registration (Fine of ₹ 1,000/-) | NA                      | 19-07-2017 - 26-07-2017 | 19-07-2017 - 26-07-2017 | 19-07-2017 - 26-07-2017 |
| Backlog Registration             | NA                      | 16-08-2017 - 21-08-2017 | 16-08-2017 - 21-08-2017 | 16-08-2017 - 21-08-2017 |
| Class Test - I                   | 20-09-2017 - 26-09-2017 | 22-08-2017 - 28-08-2017 | 22-08-2017 - 28-08-2017 | 22-08-2017 - 28-08-2017 |
| Display of Internal marks        | 07-10-2017 - 08-10-2017 | 04-09-2017 - 05-09-2017 | 04-09-2017 - 05-09-2017 | 04-09-2017 - 05-09-2017 |
| On-line sending of marks         | 10-10-2017 - 14-10-2017 | 07-09-2017 - 12-09-2017 | 07-09-2017 - 12-09-2017 | 07-09-2017 - 12-09-2017 |
| Class Test - II                  | 29-11-2017 - 06-12-2017 | 10-10-2017 - 14-10-2017 | 10-10-2017 - 14-10-2017 | 10-10-2017 - 14-10-2017 |
| Display of Internal marks        | 07-12-2017 - 08-12-2017 | 17-10-2017 - 18-10-2017 | 17-10-2017 - 18-10-2017 | 17-10-2017 - 18-10-2017 |
| Closing date of instruction      | 08-12-2017              | 18-10-2017              | 18-10-2017              | 18-10-2017              |
| On-line sending of marks         | 09-12-2017 - 11-12-2017 | 21-10-2017 - 24-10-2017 | 21-10-2017 - 24-10-2017 | 21-10-2017 - 24-10-2017 |
| End Semester Examinations        | 13-12-2017 - 22-12-2017 | 30-10-2017 - 17-11-2017 | 30-10-2017 - 17-11-2017 | 30-10-2017 - 17-11-2017 |
| Students' Training               | -                       | 18-11-2017 - 22-11-2017 | 18-11-2017 - 22-11-2017 | 18-11-2017 - 22-11-2017 |
| Semester Break                   | 23-12-2017 - 01-01-2018 | 23-11-2017 - 03-12-2017 | 23-11-2017 - 03-12-2017 | 23-11-2017 - 03-12-2017 |
| Sports Meet                      | 26-12-2017 - 28-12-2017 | 26-12-2017 - 28-12-2017 | 26-12-2017 - 28-12-2017 | 26-12-2017 - 28-12-2017 |
| Publication of Results           | 18-02-2018              | 18-02-2018              | 06-02-2018              | 24-01-2018              |

| EVEN Semester Activities               | 2nd                     | 4th                     | 6th                     | 8th                     |
|----------------------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| Starting Date of instruction           | 02-01-2018              | 04-12-2017              | 04-12-2017              | 04-12-2017              |
| Registration without fine              | 02-01-2018 - 09-01-2018 | 04-12-2017 - 12-12-2017 | 04-12-2017 - 12-12-2017 | 04-12-2017 - 12-12-2017 |
| Registration (Fine of ₹ 500/-)         | 10-01-2018 - 17-01-2018 | 13-12-2017 - 20-12-2017 | 13-12-2017 - 20-12-2017 | 13-12-2017 - 20-12-2017 |
| Registration (Fine of ₹ 1,000/-)       | 18-01-2018 - 29-01-2018 | 21-12-2017 - 28-12-2017 | 21-12-2017 - 28-12-2017 | 21-12-2017 - 28-12-2017 |
| Class Test - I                         | 06-02-2018 - 13-02-2018 | 10-01-2018 - 18-01-2018 | 10-01-2018 - 18-01-2018 | 10-01-2018 - 18-01-2018 |
| Display of Internal marks              | 16-02-2018 - 19-02-2018 | 22-01-2018 - 25-01-2018 | 22-01-2018 - 25-01-2018 | 22-01-2018 - 25-01-2018 |
| On-line sending of marks               | 20-02-2018 - 24-02-2018 | 25-01-2018 - 31-01-2018 | 25-01-2018 - 31-01-2018 | 25-01-2018 - 31-01-2018 |
| Backlog Registration                   | 12-03-2018 - 15-03-2018 | 20-02-2018 - 23-02-2018 | 20-02-2018 - 23-02-2018 | 20-02-2018 - 23-02-2018 |
| Class Test - II                        | 05-04-2018 - 11-04-2018 | 24-02-2018 - 28-02-2018 | 24-02-2018 - 28-02-2018 | 24-02-2018 - 28-02-2018 |
| Display of Internal marks              | 13-04-2018 - 16-04-2018 | 02-03-2018 - 05-03-2018 | 02-03-2018 - 05-03-2018 | 02-03-2018 - 05-03-2018 |
| On-line sending of marks               | 18-04-2018 - 25-04-2018 | 06-03-2018 - 12-03-2018 | 06-03-2018 - 12-03-2018 | 06-03-2018 - 12-03-2018 |
| Closing date of instruction            | 27-04-2018              | 22-03-2018              | 22-03-2018              | 22-03-2018              |
| End Semester Examinations              | 07-05-2018 - 27-05-2018 | 27-03-2018 - 17-04-2018 | 27-03-2018 - 17-04-2018 | 27-03-2018 - 17-04-2018 |
| Students' Training                     | -                       | 18-04-2018 - 22-04-2018 | 18-04-2018 - 22-04-2018 |                         |
| Semester Break ( <i>for students</i> ) | 28-05-2018 - 30-06-2018 | 23-04-2018 - 30-06-2018 | 23-04-2018 - 30-06-2018 |                         |
| Publication of Results                 | 30-06-2018              | 30-06-2018              | 30-06-2018              | 31-05-2018              |

By Order of Hon'ble Vice-Chancellor

sd/-

Director, Curriculum Development

# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

**Modified Academic Calendar for 1<sup>st</sup> Sem 2021 and Proposed Academic Calendar for 3<sup>rd</sup>, 5<sup>th</sup>  
Odd 2021 & Even-2022 (8<sup>th</sup> and 10<sup>th</sup> Sem) Activities**

**(Subject to approval of the Academic Council & Board of Management)**

## PART – I (Examinations)

| Sl. | Events/Activities                                                                                                                                                                                                                                                                | 1 <sup>st</sup> Semester<br>(2021) UG & PG /<br>3 <sup>rd</sup> Sem (LE)**/3 <sup>rd</sup><br>Sem UG<br>(2021)<br>Date<br>(Online/<br>Offline) | 5 <sup>th</sup> Sem UG/<br>3 <sup>rd</sup> /5 <sup>th</sup> Semester<br>PG<br>Date<br>(2021)<br>(Online/<br>Offline) | 8 <sup>th</sup> B.Tech<br>(Internship/ Major Project)/8 <sup>th</sup><br>Sem B. Pharm/6 <sup>th</sup> Sem<br>MCA(Old)/10 <sup>th</sup> Sem(Arch)<br>Date<br>(Online/<br>Offline) |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 01. | Date of Starting of<br>Instructions / Classes for<br>Even Semester-2021.                                                                                                                                                                                                         | 03.01.2022<br>23.11.2021<br>(03.01.2022 for LE)                                                                                                | 23.11.2021                                                                                                           | 21.03.2022<br>(Revised Dates of 7 <sup>th</sup> Sem B.Tech<br>/ B.Pharm Exams from 24-02-2022<br>to 17-03-2022)                                                                  |
| 02. | Date of Online Entry for<br>Even Semester-2020 /<br>Odd Semester-2021<br>Exam registration (without<br>fine) & branch change.<br>[Regular/Back]                                                                                                                                  | -                                                                                                                                              | 07.02.2022<br>to<br>12.02.2022                                                                                       | 04.04.2022<br>To<br>09.04.2022                                                                                                                                                   |
| 03. | Date of Online Entry for<br>Even Semester-2020 /<br>Odd Semester-2021<br>Registration (with fine @<br>Rs. 500/-) [Regular/Back]                                                                                                                                                  | -                                                                                                                                              | 14.02.2022<br>To<br>15.02.2022                                                                                       | 11.04.2022<br>To<br>12.04.2022                                                                                                                                                   |
| 04. | Last Date of deposit of<br>fees by colleges in BPUT<br>through SB Collect for<br>registration with letter (list<br>of candidates) to Director,<br>Examinations of BPUT in<br>both hard copy and soft<br>copy through email for<br>registration Odd Semester<br>Examination-2020. | 31.01.2022<br>(Including Non-<br>OJEE/ students<br>admitted through<br>PMSS etc.)                                                              | 16.02.2022                                                                                                           | 13.04.2022                                                                                                                                                                       |
| 06  | Display of List of<br>Registered<br>students/candidates in the<br>University Portal for Even<br>Semester-2022 / Odd<br>Semester-2021                                                                                                                                             | 19.02.2022                                                                                                                                     | 17.02.2022                                                                                                           | 16.04.2022                                                                                                                                                                       |
| 07. | Date of conduct of Class<br>Test-I by the colleges.                                                                                                                                                                                                                              | 01.02.2022 to<br>04.02.2022                                                                                                                    | 20.12.2021 to<br>24.12.2021                                                                                          | 11.04.2022 to<br>16.04.2022                                                                                                                                                      |
| 08. | Date of display of Marks<br>of Class Test-I by the<br>colleges in college<br>website.                                                                                                                                                                                            | 07.02.2022                                                                                                                                     | 27.12.2021                                                                                                           | 18.04.2022                                                                                                                                                                       |

**Director, Examination**  
Director Examination  
Biju Patnaik University of Technology  
Odisha, Rourkela

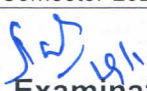
**Director I/C, (CD&CDC)**  
Director, Curriculum Development  
Biju Patnaik University of Technology, Odisha  
Rourkela

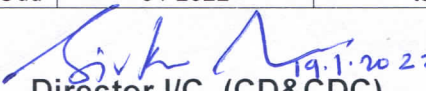
**PIC (R&D)**  
PIC, R & D

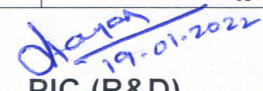
**Registrar I/C**  
Registrar I/C

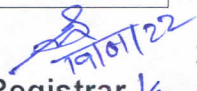


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|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------------------------------------------------|---------------------------------------------------|
| 09. | Date of conduct of Class Test-II by the colleges.                                                                                                                                                                                                                                                                                   | 01.03.2022 to 04.03.2022                          | 18.01.2022 to 22.01.2022                          | 09.05.2022 to 12.05.2022                          |
| 10. | Date of display of Marks of Class Test-II by the colleges in college website.                                                                                                                                                                                                                                                       | 07.03.2022                                        | 24.01.2022                                        | 13.05.2022                                        |
| 11. | Even (8 <sup>th</sup> B.Pharm/ B.Arch, 6 <sup>th</sup> Sem MCA & 10 <sup>th</sup> Sem Arch 2022)/Odd (1 <sup>st</sup> ,3 <sup>rd</sup> ,5 <sup>th</sup> Sem) Semester Examinations-2021 schedule to be declared by the Director, Examination, BPUT in BPUT official website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 28.02.2022                                        | 07.02.2022                                        | 17.05.2022                                        |
| 12. | Last Date of uploading of Internal Marks (Class Test-I&II, Lab., Sessional, Projects, Seminars, etc.) for Odd Semester-2020 by the Colleges to the Director, Examination of BPUT through online.                                                                                                                                    | 28.03.2022 to 30.03.2022                          | 24.02.2021 to 28.02.2022                          | 09.06.2022 to 11.06.2022                          |
| 13. | Date of closing of Even (8 <sup>th</sup> B.Pharm,6 <sup>th</sup> Sem MCA & 10 <sup>th</sup> Sem Arch 2022) /Odd (1 <sup>st</sup> and 7 <sup>th</sup> Semester 2021) Classes                                                                                                                                                         | 30.03.2022                                        | 28.02.2022                                        | 11.06.2022                                        |
| 14. | Last date of receipt of signed Report from the Principals of the colleges by the Director, Examinations, BPUT by Email for debarring defaulting students (if any) from the Odd Semester examinations who do not fulfil attendance requirements as per rules.                                                                        | 31.03.2022 Attendance Calculated up to 30.03.2022 | 03.03.2022 Attendance Calculated up to 28.02.2022 | 11.06.2022 Attendance Calculated up to 10.06.2022 |
| 15. | Last Date of on-line despatch of Admit Cards for Even Semester-2020 / Odd Semester-2021 Examination from the Director, Examinations, BPUT to Centre Superintendents/ Principals.                                                                                                                                                    | 02.04.2022                                        | 04.03.2022                                        | 13.06.2022                                        |
| 16. | Date of Conduct of Even Semester-2022 / Odd                                                                                                                                                                                                                                                                                         | 04-04-2022 to 13-04-2022                          | 07.03.2022 to                                     | 16.06.2022 to                                     |

  
**Director, Examination**  
**Director Examination**  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

  
**Director I/C, (CD&CDC)**  
**Director, Curriculum Development**  
 Biju Patnaik University of Technology, Odisha  
 Rourkela

  
**PIC (R&D)**  
**PIC, R & D**

  
**Registrar I/C**  
**Registrar I/C**

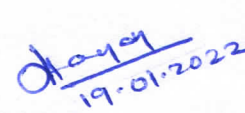
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|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|---------------------------------------|-----------------------------------------------------------------------------------|
|     | Semester-2021 Examinations.                                                                                                                                                                      |                                       | 17.03.2022                            | 30.06.2022<br>(To be completed by 16.06.2022 for 8 <sup>th</sup> Semester B.Tech) |
| 17. | Semester Break                                                                                                                                                                                   |                                       |                                       | -                                                                                 |
| 18. | Date of commencement of classes for Next Even Semester-2021 / Odd Semester-2021                                                                                                                  | 16.04.2022                            | 21.03.2022                            | -                                                                                 |
| 19. | Date of Publication of Even Semester-2022 / Odd Semester-2021 results in the University official website, Student Login and College Login by the Director, Examination, BPUT.                    |                                       |                                       | 31.07.2022<br>(25 <sup>th</sup> June, 2022 for 8 <sup>th</sup> Semester B.Tech)   |
| 20. | Date of online registration for rechecking of Odd Semester-2020 results.                                                                                                                         | Not Applicable for Online Examination | Not Applicable for Online Examination | Not Applicable for Online Examination                                             |
| 21. | Deposit of Fees through SB Collect to BPUT by the Colleges for rechecking of Even Semester-2020 / Odd Semester-2021 scripts.                                                                     | Not Applicable for Online Examination | Not Applicable for Online Examination | Not Applicable for Online Examination                                             |
| 22. | Date of Publication of rechecking of results of Even Semester-2020/ Odd Semester-2021 and display in BPUT official website, Student Login and College Login by the Director, Examinations, BPUT. | Not Applicable for Online Examination | Not Applicable for Online Examination | Not Applicable for Online Examination                                             |
| 23. | Proposed month for holding Even Semester (2 <sup>nd</sup> , 4 <sup>th</sup> & 6 <sup>th</sup> Sem) Exam 2022                                                                                     | Last Week of July 2022                | Last Week of June 2022                | -                                                                                 |
| 24. | Proposed month for Publication of Even Semester (2 <sup>nd</sup> 4 <sup>th</sup> 6 <sup>th</sup> Sem) Exam 2022 Results                                                                          | Last Week of August 2022              | Last Week of July 2022                | -                                                                                 |

*The academic events shall be conducted either in online/ off line mode depending upon the Covid 19 situation and the Govt. Of Odisha guidelines as declared time to time and University notifications. All online classes can be conducted on all days excepting Sundays to save time as mentioned in SOP earlier.*

**\*\* For B.Tech 3<sup>rd</sup> Semester Lateral Entry Students, the Commencement of Classes will be with the regular B.Tech Students w.e.f 21.10.2021 (Pt. No. 18, Column 4, Part-I of academic calendar)**

  
**Director, Examination**  
**Director Examination**  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

  
**Director I/C, (CD&CDC)**  
 Biju Patnaik University of Technology, Odisha  
 Director, Curriculum Development

  
**PIC (R&D)**  
**PIC, R & D**

  
**Registrar I/C**  
**Registrar I/C**



**PART – II (Ph.D.), (Research & Development)**

| Sl. | Events/Activities                                                                                                                                                                                                                                   | Dates                    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 25. | Last date of Receipt of Applications for Recognition as Ph. D Supervisor/Co-Supervisor for 2021-22 in the prescribed format by the PIC, R&D, BPUT.                                                                                                  | 28-02-2022               |
| 26. | Date of notification of vacancy position for Ph.D. (Category Wise) with the name of Supervisors in different disciplines & list of NCR for 2021-22 academic year.                                                                                   | 16-03-2022               |
| 27. | Date of Web Notification& advertisement through 02 Nos. of Odia Newspapers for conduct of Ph.D. Entrance Test (Written) by the Director, Examinations of BPUT.                                                                                      | 25-03-2022               |
| 28. | Last Date of Receipt of Applications for the Ph.D. Entrance Test by the Director of Examination, BPUT.                                                                                                                                              | 25-04-2022               |
| 29. | Date of conduct of Entrance Examination (written) for the Ph.D. programme of the University by the Director, Examinations of BPUT.                                                                                                                  | 15-05-2022 (Sunday)      |
|     | Date of Publication of Ph.D. Entrance Test (Written) Results by the Director, Examinations of BPUT in University website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                    | 31-05-2022               |
| 31. | Date of conduct of interviews (Viva voce) for the enrolment to Ph.D. programme of the BPUT by PIC, R&D, BPUT.                                                                                                                                       | 06-06-2022 to 11-06-2022 |
| 32. | Last date of Publication of list of successful candidates and the list of Recommended Supervisors for enrolment to Ph.D. programme of the University by the PIC, R&D, BPUT in University website <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 20-06-2022               |
| 33. | Last of date of Receipt of Applications from the successful candidates for enrolment to Ph.D. programme of the University with the choice of Supervisors/Co-Supervisors& NCRs by PIC, R&D, BPUT. (By Speed Post).                                   | 09-07-2022               |
| 34. | Date of web notification on allotment of Supervisors and Co-Supervisors by PIC, R&D, BPUT.                                                                                                                                                          | 20-07-2022               |
| 35. | Date of online enrolment to Ph.D. & Reporting at NCR.                                                                                                                                                                                               | 30-07-2022               |
| 36. | Date of on-line Deposit of fees in BPUT SB Account No. _____ in SBI, Udit Nagar Branch, Rourkela through SB collect for the Ph.D. enrolment by BPUT-NCR to BPUT with a letter to PIC,R&D, BPUT.                                                     | 06-08-2022               |
| 37. | Date for Notification of formation of DSC in the official website of BPUT i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                                                                   | 16-08-2022               |
| 38. | Date of first DSC meeting for allotment of Course Works by the DSC (out of the subjects offered in that particular NCR at Masters level & Course work/ SWAYAM-MOOCs).                                                                               | 24-08-2022               |
| 39. | Date of sending programme of 1 <sup>st</sup> DSC & Course Work allotment to BPUT by Nodal Centres of Research. (PhD Scholars can also be allotted course works from SWAYAM-NPTEL MOOCs)                                                             | 30-08-2022               |

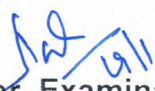
*[Signature]*  
**Director, Examination**  
 Director Examination  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

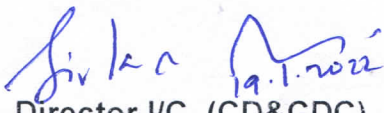
*[Signature]* 19.1.2022  
**Director I/C, (CD&CDC)**  
 Director, Curriculum Development  
 Biju Patnaik University of Technology Odisha  
 Rourkela

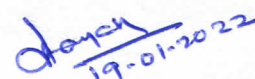
*[Signature]* 19-01-2022  
**PIC (R&D)**  
**PIC, R & D**

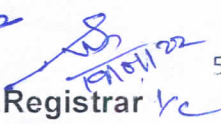
*[Signature]* 19/01/22  
**Registrar**  
 Registrar I/C

|     |                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                               |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| 40. | Last Date of declaration of the Schedules for the Ph.D.Course Work Examinations (same as per Master Degree Programmes) by the Director, Examination of BPUT / Controller of Examinations of the Autonomous Colleges.                                                                                                                                                                                   | Same as per Master Degree Programme of Odd/Even Semester 2022/ SWAYAM-NPTEL Calendar for 2022 |
| 41. | Date for Course Work examination.                                                                                                                                                                                                                                                                                                                                                                      | Same as per Master Degree Programme of Odd/Even Semester 2022/ SWAYAM-NPTEL Calendar for 2022 |
| 42. | Date of Publication of Course Work examination results.                                                                                                                                                                                                                                                                                                                                                | Same as per Master Degree Programme of Odd/Even Semester 2022                                 |
| 43. | Date of On-line applications for the rechecking of Ph.D. Course Work examinations results by the Director, Examinations/Controller of Examinations of the Autonomous Colleges as per the Masters degree papers.                                                                                                                                                                                        | Same as per Master Degree Programme of Odd/Even Semester 2022                                 |
| 44. | Date of Publication of rechecked results of Ph.D. Course Work and generation of signed On-line Grade Sheets by the Director, Examinations of BPUT / Controller of Examinations of the Autonomous Colleges and issue of Course Completion Certificates to the eligible students with a copy to PIC, R&D, BPUT by the Director, Examinations of BPUT /Controller of Examinations of Autonomous Colleges. | Same as per Master Degree Programme of Odd/Even Semester 2022                                 |
| 45. | Date of 2 <sup>nd</sup> DSC meeting for each Scholar for recommendation for the registration to Ph.D. after verification of all requirements at the concerned NCR by the PIC, R&D, BPUT.                                                                                                                                                                                                               | 16.02.2023 to 31.02.2023                                                                      |
| 46. | Last date of receipt of all the documents from NCRs by PIC, R&D, BPUT for Registration.                                                                                                                                                                                                                                                                                                                | 03.03.2023 to 10.03.2023                                                                      |
| 47. | Date of Scrutiny of applications and recommendations of DSC for Ph.D. Registration by PIC, R&D, BPUT.                                                                                                                                                                                                                                                                                                  | 13.03.2023 to 20.03.2023                                                                      |
| 48. | Date of Notifications in the official website of the BPUT regarding the list of Registered Candidates for Ph.D. programmes of the BPUT by PIC, R&D, BPUT.                                                                                                                                                                                                                                              | 24.03.2023                                                                                    |

  
**Director, Examination**  
**Director Examination**  
 Biju Patnaik University of Technology  
 Odisha, Rourkela

  
**Director I/C, (CD&CDC)**  
**Director, Curriculum Development**  
 Biju Patnaik University of Technology, Odisha  
 Rourkela

  
**PIC (R&D)**  
**PIC, R & D**

  
**Registrar I/C**  
**Registrar I/C**



# BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA ROURKELA

## Revised Academic Calendar for the Odd Semester-2020 Activities

(Subject to approval of the Academic Council & Board of Management)

### PART – I (Examinations)

| Sl. | Events/Activities                                                                                                                                                                                                                                     | 1 <sup>st</sup> Semester Date<br>(Online/<br>Offline)<br>(UG & PG)                  | 3 <sup>rd</sup> Semester Date<br>(Online/<br>Offline)                             |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 01. | Date of Starting of Instructions / Classes for Odd Semester-2020.                                                                                                                                                                                     | 01.01.2021                                                                          | 1.09.2020(Regular)<br>01.01.2021(LE)                                              |
| 02. | Date of Online Entry for Odd Semester-2020 Exam registration (without fine) & branch change.<br>[Regular/Back]                                                                                                                                        | 10.03.2021 to<br>22.03.2021                                                         | 10.03.2021 to<br>22.03.2021                                                       |
| 03. | Date of Online Entry for Odd Semester-2020 Registration (with fine @ Rs. 500/-) [Regular/Back]                                                                                                                                                        | 23.03.2021 to<br>24.03.2021                                                         | 12.03.2021 to<br>13.03.2021                                                       |
| 04. | Last Date of deposit of fees by colleges in BPUT through SB Collect for registration with letter( list of candidates) to Director, Examinations of BPUT in both hard copy and soft copy through email for registration Odd Semester Examination-2020. | 25.03.2021<br>(Including Non-OJEE/<br>students<br>admitted<br>through<br>PMSS etc.) | 25.03.2021<br>(Including Non-<br>OJEE/ students<br>admitted through<br>PMSS etc.) |
| 06  | Display of List of Registered students/candidates in the University Portal for odd sem 2020 Exams                                                                                                                                                     | 26.03.2021                                                                          | 26.03.2021                                                                        |
| 07. | Date of conduct of Class Test-I by the colleges.                                                                                                                                                                                                      | 08.02.2021 to<br>13.02.2021                                                         | 08.02.2021 to<br>13.02.2021                                                       |
| 08. | Date of display of Marks of Class Test-I by the                                                                                                                                                                                                       | 15.02.2021                                                                          | 15.02.2021                                                                        |

Director, Examination

Director I/C, (CD&CDC)

PIC (R&D)

Registrar

|     |                                                                                                                                                                                                                                                              |                                                      |                                                      |
|-----|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
|     | colleges in college website.                                                                                                                                                                                                                                 |                                                      |                                                      |
|     | Date of conduct of Class Test-II by the colleges.                                                                                                                                                                                                            | 08.03.2021 to 13.03.2021                             | 08.03.2021 to 13.03.2021                             |
| 10. | Date of display of Marks of Class Test-II by the colleges in college website.                                                                                                                                                                                | 15.03.2021                                           | 15.03.2021                                           |
| 11. | Date of Notifications of detailed Odd Semester Examinations-2020 schedule by the Director, Examination, BPUT in BPUT official website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                | 26.03.2021                                           | 26.03.2021                                           |
| 12. | Last Date of uploading of Internal Marks (Class Test-I&II, Lab., Sessional, Projects, Seminars, etc.) for Odd Semester-2020 by the Colleges to the Director, Examination of BPUT through online.                                                             | 12.04.2021 to 16.04.2021                             | 12.04.2021 to 16.04.2021                             |
| 13. | Date of closing of Odd Semester Classes-2020.                                                                                                                                                                                                                | 17.04.2021                                           | 17.04.2021                                           |
| 14. | Last date of receipt of signed Report from the Principals of the colleges by the Director, Examinations, BPUT by Email for debarring defaulting students (if any) from the Odd Semester examinations who do not fulfil attendance requirements as per rules. | 19.04.2021<br>Attendance Calculated up to 17.04.2021 | 19.04.2021<br>Attendance Calculated up to 17.04.2021 |
| 15. | Last Date of on-line despatch of Admit Cards for Odd Semester-2020 Examination from the Director, Examinations, BPUT to Centre                                                                                                                               | 20.04.2021                                           | 20.04.2021                                           |

Director, Examination

Director I/C, (CD&CDC)

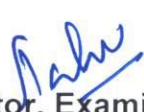
PIC (R&D)

Registrar



|     |                                                                                                                                                                              |                             |                             |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-----------------------------|
|     | Superintendents/<br>Principals.                                                                                                                                              |                             |                             |
| 10. | Date of Conduct of Odd Semester Examinations – 2020.                                                                                                                         | 22.04.2021 to 08.05.2021    | 22.04.2021 to 08.05.2021    |
| 17. | Semester Break                                                                                                                                                               |                             |                             |
| 17. | Date of commencement of classes for Even Semester-2021.                                                                                                                      | 10.05.2021                  | 10.05.2021                  |
| 19. | Date of Publication of Odd Semester-2020 results in the University official website, Student Login and College Login by the Director, Examination, BPUT.                     | 08.06.2021                  | 08.06.2021                  |
| 20. | Date of online registration for rechecking of Odd Semester-2020 results.                                                                                                     | 09.06.2021 to 12.06.2021    | 09.06.2021 to 12.06.2021    |
| 21. | Deposit of Fees through SB Collect to BPUT by the Colleges for rechecking of Odd Semester-2020 scripts.                                                                      | 16.06.2021 to 18.06.2021    | 16.06.2021 to 18.06.2021    |
| 22. | Date of Publication of rechecking of results of Odd Semester-2021 and display in BPUT official website, Student Login and College Login by the Director, Examinations, BPUT. | 21.06.2021                  | 21.06.2021                  |
| 23. | Proposed month for holding Even Semester ( 2 <sup>nd</sup> & 3 <sup>rd</sup> )Exam 2021                                                                                      | Last Week of August 2021    | Last Week of August 2021    |
| 24. | Proposed month for Publication of Even Semester (2 <sup>nd</sup> & 3 <sup>rd</sup> ) Exam 2021 Results                                                                       | Last Week of September 2021 | Last Week of September 2021 |

**The academic events shall be conducted either in online/ off line mode depending upon the Covid 19 situation and the Govt. Of Odisha guidelines as declared time to time and University notifications. All online classes can be conducted on all days excepting Sundays to save time as mentioned in SOP earlier.**

  
Director, Examination

  
Director I/C, (CD&CDC)

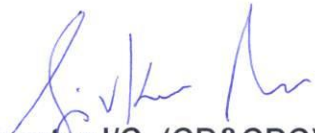
  
PIC (R&D)

  
Registrar

## PART – II (Ph.D.), (Research & Development)

|     | Events/Activities                                                                                                                                                                                                                                   | Dates                    |
|-----|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
| 25. | Last date of Receipt of Applications for Recognition as Ph. D Supervisor/Co-Supervisor for 2020-21 in the prescribed format by the PIC, R&D, BPUT.                                                                                                  | 10.02.2021               |
| 26. | Date of notification of vacancy position for Ph.D. (Category Wise) with the name of Supervisors in different disciplines & list of NCR for 2020-21 academic year.                                                                                   | 15.02.2021               |
| 27. | Date of Web Notification & advertisement through 02 Nos. of Odia Newspapers for conduct of Ph.D. Entrance Test (Written) by the Director, Examinations of BPUT.                                                                                     | 29..01.2021              |
| 28. | Last Date of Receipt of Applications for the Ph.D. Entrance Test by the Director of Examination, BPUT.                                                                                                                                              | 15.02.2021               |
| 29. | Date of conduct of Entrance Examination (written) for the Ph.D. programme of the University by the Director, Examinations of BPUT.                                                                                                                  | 14.03.2021 (Sunday)      |
| 30. | Date of Publication of Ph.D. Entrance Test (Written) Results by the Director, Examinations of BPUT in University website i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                    | 22.03.2021               |
| 31. | Date of conduct of interviews (Viva voce) for the enrolment to Ph.D. programme of the BPUT by PIC, R&D, BPUT.                                                                                                                                       | 05.04.2021 to 23.04.2021 |
| 32. | Last date of Publication of list of successful candidates and the list of Recommended Supervisors for enrolment to Ph.D. programme of the University by the PIC, R&D, BPUT in University website <a href="http://www.bput.ac.in">www.bput.ac.in</a> | 30.04.2021               |
| 33. | Last of date of Receipt of Applications from the successful candidates for enrolment to Ph.D. programme of the University with the choice of Supervisors/Co-Supervisors & NCRs by PIC, R&D, BPUT. (By Speed Post).                                  | 07.05.2021               |
| 34. | Date of web notification on allotment of Supervisors and Co-Supervisors by PIC, R&D, BPUT.                                                                                                                                                          | 07.05.2021               |

  
Director, Examination

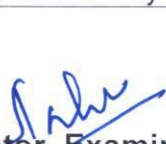
  
Director I/C, (CD&CDC)

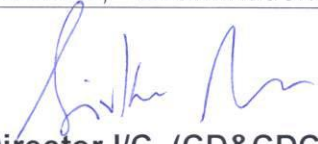
  
PIC (R&D)

  
Registrar



|     |                                                                                                                                                                                                                                                                                                                                                    |                                                                                                  |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|
| 35. | Date of online enrolment to Ph.D. & Reporting at NCR.                                                                                                                                                                                                                                                                                              | 15.05.2021                                                                                       |
| 36. | Date of on-line Deposit of fees in BPUT SB AccountNo. _____ in SBI, Udit Nagar Branch, Rourkela through SB collect for the Ph.D. enrolment by BPUT-NCR to BPUT with a letter to PIC, R&D, BPUT.                                                                                                                                                    | 29.05.2021                                                                                       |
| 37. | Date for Notification of formation of DSC in the official website of BPUT i.e. <a href="http://www.bput.ac.in">www.bput.ac.in</a>                                                                                                                                                                                                                  | 29.05.2021                                                                                       |
| 38. | Date of first DSC meeting for allotment of Course Works by the DSC (out of the subjects offered in that particular NCR at Masters level & Course work/ SWAYAM-MOOCs).                                                                                                                                                                              | 31.05.2021 to 08.06.2021                                                                         |
| 39. | Date of sending programme of 1 <sup>st</sup> DSC & Course Work allotment to BPUT by Nodal Centres of Research. (PhD Scholars can also be allotted course works from SWAYAM-NPTEL MOOCs)                                                                                                                                                            | 30.06.2021                                                                                       |
| 40. | Last Date of declaration of the Schedules for the Ph.D. Course Work Examinations (same as per Master Degree Programmes) by the Director, Examination of BPUT / Controller of Examinations of the Autonomous Colleges.                                                                                                                              | Same as per Master Degree Programme of Odd Semester 2021/ SWAYAM-NPTEL Calendar for Odd Sem 2021 |
| 41. | Date for Course Work examination.                                                                                                                                                                                                                                                                                                                  | Same as per Master Degree Programme of Odd Semester 2021/ SWAYAM-NPTEL Calendar for Odd Sem 2021 |
| 42. | Date of Publication of Course Work examination results.                                                                                                                                                                                                                                                                                            | Same as per Master Degree Programme of Odd Semester 2021                                         |
| 43. | Date of On-line applications for the rechecking of Ph.D. Course Work examinations results by the Director, Examinations/Controller of Examinations of the Autonomous Colleges as per the Masters degree papers.                                                                                                                                    | Same as per Master Degree Programme of Odd Semester 2021                                         |
| 44. | Date of Publication of rechecked results of Ph.D. Course Work and generation of signed On-line Grade Sheets by the Director, Examinations of BPUT / Controller of Examinations of the Autonomous Colleges and issue of Course Completion Certificates to the eligible students with a copy to PIC, R&D, BPUT by the Director, Examinations of BPUT | Same as per Master Degree Programme of Odd Semester 2021                                         |

  
Director, Examination

  
Director I/C, (CD&CDC)

  
PIC (R&D)

  
Registrar

|     |                                                                                                                                                                                          |                          |
|-----|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|
|     | /Controller of Examinations of Autonomous Colleges.                                                                                                                                      |                          |
| 45. | Date of 2 <sup>nd</sup> DSC meeting for each Scholar for recommendation for the registration to Ph.D. after verification of all requirements at the concerned NCR by the PIC, R&D, BPUT. | 03.01.2022 to 11.01.2022 |
| 46. | Last date of receipt of all the documents from NCRs by PIC, R&D, BPUT for Registration.                                                                                                  | 12.01.2022 to 19.01.2022 |
| 47. | Date of Scrutiny of applications and recommendations of DSC for Ph.D. Registration by PIC, R&D, BPUT.                                                                                    | 21.01.2022 to 26.01.2022 |
| 48. | Date of Notifications in the official website of the BPUT regarding the list of Registered Candidates for Ph.D. programmes of the BPUT by PIC, R&D, BPUT.                                | 30.01.2022               |
| 49. | Date of Disposal of all old cases of Ph.D., DSC formation, Registration, Thesis Submission, etc. in phase wise by PIC, R&D, BPUT.                                                        | 01.02.2022 to 30.06.2022 |

Director, Examination

Director I/C, (CD&CDC)

PIC (R&D)

Registrar



Royal College of Pharmacy and Health Sciences, Berhampur - 760002  
SIP Protocol for 2020-21 Admission Batches of B. Pharm., admitted to RCPHS

| Day | Date       | Time                | Topic                                                                                                    |                                                                                                                                                | Resource Person (s)   |
|-----|------------|---------------------|----------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|
| 1   | 05.01.2022 | 10.00 am - 10.30 am | Inauguration of SIP                                                                                      |                                                                                                                                                | Prof. S. K. Panda     |
|     | 05.01.2022 | 10.30-11.00 am      | Introduction to the facilities that students can avail in our campus                                     | -                                                                                                                                              | Prof. U. S. Mishra    |
|     | 05.01.2022 | 11.00-11.30 am      | Academics and Examinations                                                                               | -                                                                                                                                              | Dr. P. K. Choudhury   |
|     | 05.01.2022 | 11.30-1.00 pm       | Introduction to department of Pharmaceutics                                                              | a. Introduction                                                                                                                                | Prof. A. K. Mahapatra |
|     |            |                     |                                                                                                          | b. Purpose of the dealing with the subject and practical activities with video display of some the instruments used in respective laboratories |                       |
|     |            |                     |                                                                                                          | c. Description of what students need to do                                                                                                     |                       |
|     |            |                     |                                                                                                          | d. How the activity will be integrated into the shaping of career of a student                                                                 |                       |
| 2   | 06.01.2022 | 10.00 – 10.30am     | Developing one's innovative thinking ability, Creative writing skills, art and drawings, mono acts, etc. | -                                                                                                                                              | Prof. S. K. Sahoo     |

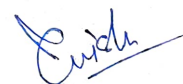


|   |            |                  |                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                   |                     |
|---|------------|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|
|   | 06.01.2022 | 10.30-11.00 am   | Understanding Human values and Ethics                                                                                                                                     | -                                                                                                                                                                                                                                                                                                 | Prof. S. K. Panda   |
|   | 06.01.2022 | 11.00-11.30 am   | Ideas to develop one's own personality and oration skills (Basic English language proficiency-nonverbal communication - sentence formation-active and passive voice etc.) | -                                                                                                                                                                                                                                                                                                 | Dr. P. Mohanty      |
|   | 06.01.2022 | 11.30 – 12.30 pm | Introduction to department of Pharmaceutical Analysis / Medicinal Chemistry                                                                                               | a. Introduction<br>b. Purpose of the dealing with the subject and practical activities with video display of some the instruments used in respective laboratories<br>c. Description of what students need to do<br>d. How the activity will be integrated into the shaping of career of a student | Prof. S. K. Sahoo   |
|   | 06.01.2022 | 12.30-13.00 pm   | Developing the habit of keeping surrounding clean and participating in community works to help fellow citizens learn about importance of clean environment                | -                                                                                                                                                                                                                                                                                                 | Prof. I. P. Padhy   |
| 3 | 07.01.2022 | 10.00-10.30 am   | Introduction to various schemes and financial aids that a student may receive during his or her study duration                                                            | -                                                                                                                                                                                                                                                                                                 | Dr. M. S. Khandai   |
|   | 07.01.2022 | 10.30-           | Learning about Computer basics –                                                                                                                                          | -                                                                                                                                                                                                                                                                                                 | Dr. P. K. Choudhury |



|            |                        |                                                                                                                                        |                                                                                                                                                            |                  |
|------------|------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|
|            | 11.00<br>noon          | Introduction: Word, Excel, PPT etc.                                                                                                    |                                                                                                                                                            |                  |
| 07.01.2022 | 11.00-<br>12.30<br>pm  | Introduction to department of<br>Pharmacology                                                                                          | a. Introduction                                                                                                                                            | Dr. G. Panigrahi |
|            |                        |                                                                                                                                        | b. Purpose of the dealing with<br>the subject and practical activities<br>with video display of some the<br>instruments used in respective<br>laboratories |                  |
|            |                        |                                                                                                                                        | c. Description of what<br>students need to do                                                                                                              |                  |
|            |                        |                                                                                                                                        | d. How the activity will be<br>integrated into the shaping of<br>career of a student                                                                       |                  |
| 07.01.2022 | 12.30 -<br>13.00<br>pm | Developing modes for leading a<br>disciplined life and engaging self in<br>social networking to solve any social<br>issues that we can | -                                                                                                                                                          | Dr. G. Panigrahi |

|   |            |                        |                                                                                                                    |                 |                   |
|---|------------|------------------------|--------------------------------------------------------------------------------------------------------------------|-----------------|-------------------|
| 4 | 08.01.2022 | 10.00 -<br>10.30<br>am | Introduction to various online training<br>platforms in order to equip self to survive<br>competitive environment. | -               | Dr. M. S. Khandai |
|   | 08.01.2022 | 10.30 -                | Introduction to department of                                                                                      | a. Introduction | Prof. I. P. Padhy |



|            |                    |                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                |                                         |
|------------|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|
|            | 11.30 am           | Pharmacogonosy and Phytochemistry                                                                                                                                                               | b. Purpose of the dealing with the subject and practical activities with video display of some the instruments used in respective laboratories<br>c. Description of what students need to do<br>d. How the activity will be integrated into the shaping of career of a student |                                         |
| 08.01.2022 | 11.30 - 12.00 noon | Introduction to the facilities of Games and sports within campus and importance of Yoga                                                                                                         | -                                                                                                                                                                                                                                                                              | Dr. R. Panigrahi / Mr. S. Patanaik      |
| 08.01.2022 | 12.00 - 12.30 pm   | Ideas for team work and advantages of team work and Introduction to development of leadership qualities, Developing self discipline approach, learning about time management and its importance | -                                                                                                                                                                                                                                                                              | Prof. R. R. Sarangi / Prof. S. K. Sahoo |

  
PRINCIPAL  
Rajal College of Pharmacy &  
Hoshangabad, Berhampur 2 (G.O.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002.**

**TIME TABLE FOR M. PHARM 1<sup>st</sup> SEMSTER (Pharmaceutical Analysis and Quality Assurance) w.e.f. 05.01.2022**

| TIME TABLE FOR M. PHARM 1 <sup>st</sup> SEMSTER (Pharmaceutical Analysis and Quality Assurance)w.e.f. 03.01.2022 |                                                                       |                                     |                                 |                                                |                                                                       |                                     |               |
|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------|---------------------------------|------------------------------------------------|-----------------------------------------------------------------------|-------------------------------------|---------------|
| DAY                                                                                                              | 10.00-11.00 HRS                                                       | 11.00-12.00 HRS                     | 12.00-1.00 HRS                  | 1.00-2.00 HRS                                  | 2.00-3.00 HRS                                                         | 3.00-4.00 HRS                       | 4.00-5.00 HRS |
| MON                                                                                                              | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM/ RRS) |                                     |                                 | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM/ RRS) |                                     |               |
| TUE                                                                                                              | Pharmaceutical Analysis Practical, PG- Analysis Lab, (SKS)            |                                     |                                 |                                                | Pharmaceutical Analysis Practical, PG- Analysis Lab, (SKS)            |                                     |               |
| WED                                                                                                              | MAT (USM)                                                             | Food Analysis (RRS)                 | Pharmaceutical validation (SKP) |                                                | -                                                                     | -                                   | -             |
| THU                                                                                                              | MAT (USM)                                                             | Advance Instrumental Analysis (SKS) | -                               |                                                | Food Analysis (RRS)                                                   | Advance Instrumental Analysis (SKS) | -             |
| FRI                                                                                                              | MAT (USM)                                                             | Food Analysis (RRS)                 | Pharmaceutical validation (ABP) |                                                | Advance Instrumental Analysis (SKS)                                   | Pharmaceutical validation (SKP)     | -             |
| SAT                                                                                                              | Pharmaceutical validation (ABP)                                       | -                                   | -                               |                                                | -                                                                     | -                                   | -             |

USM- Prof. Uma Shankar Mishra  
RRS- Prof. Rashmi Ranjan Sarangi

SKP- Prof. Susanta Kumar Panda  
ABP- Mr. Asitbaran Panigrahy

SKS – Prof. Sudhir Kumar Sahoo

ALL CLASSES WILL BE HELD AT HALL NO. - V  
MAT Classes will be held at Hall No.-IV

*S.K. Panda*  
04/01/22  
Prof. S. K. Panda  
Principal

*Principal*  
PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BHERAMPUR-760002.**  
**TIME TABLE FOR M. PHARM 1<sup>st</sup> SEMSTER (Pharmaceutics and Pharmaceutical Technology) w.e.f. 05.01.2022**

| DAY | 10.00-11.00 HRS                                                                          | 11.00-12.00 HRS            | 12.00-1.00 HRS             | 1.00-2.00 HRS                                  | 2.00-3.00 HRS                                                                            | 3.00-4.00 HRS | 4.00-5.00 HRS |
|-----|------------------------------------------------------------------------------------------|----------------------------|----------------------------|------------------------------------------------|------------------------------------------------------------------------------------------|---------------|---------------|
| MON | Pharmaceutics and Pharmaceutical Technology, Practical, PG- Pharmaceutics Lab, (PNM/AKM) |                            |                            | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmaceutics and Pharmaceutical Technology, Practical, PG- Pharmaceutics Lab, (PNM/AKM) |               |               |
| TUE | -                                                                                        | -                          | -                          |                                                | -                                                                                        | -             | -             |
| WED | MAT (USM)                                                                                | DDS (PNM)                  | -                          |                                                | Modern Pharmaceutics (AKA)                                                               | RA (SKP)      | -             |
| THU | MAT (USM)                                                                                | DDS (AKM)                  | Modern Pharmaceutics (MSK) |                                                | RA (MSK)                                                                                 | -             | -             |
| FRI | MAT (USM)                                                                                | Modern Pharmaceutics (MSK) | RA (MSK)                   |                                                | RA (MSK)                                                                                 | DDS (AKM)     | -             |
| SAT | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM)                         |                            |                            |                                                | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM)                         |               |               |

PNM – Prof. P. N. Murthy

USM- Prof. Uma Shankar Mishra

SKP- Prof. Susanta Kumar Panda

AKM- Prof. Anjan Kumar Mahapatra

AKA- Prof. Ajit Kumar Acharya

MSK- Dr. Madhusmriti Khandai

ALL CLASSES WILL BE HELD AT HALL NO. - IV

*Sushanta Kumar Panda*  
**Prof. S. K. Panda**  
**Principal**

*Sushanta Kumar Panda*  
**PRINCIPAL**

Royal College of Pharmacy &  
 Health Sciences, Bherampur-2 (Gm.L)



**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERNHAMPUR-760002.**  
**TIME TABLE FOR M. PHARM 1<sup>st</sup> SEMSTER (Pharmacology) w.e.f. .05.01.2022**

| TIME TABLE FOR M. PHARM 1 <sup>st</sup> SEMSTER (Pharmacology)w.e.f. .05.01.2022 |                                                                       |                                                           |                                                           |                                  |                                                                       |               |               |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------|-----------------------------------------------------------|-----------------------------------------------------------|----------------------------------|-----------------------------------------------------------------------|---------------|---------------|
| DAY                                                                              | 10.00-11.00 HRS                                                       | 11.00-12.00 HRS                                           | 12.00-1.00 HRS                                            | 1.00-2.00 HRS                    | 2.00-3.00 HRS                                                         | 3.00-4.00 HRS | 4.00-5.00 HRS |
| MON                                                                              | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM/ RRS) |                                                           |                                                           |                                  | Modern Analytical techniques, Practical, PG- Analysis Lab, (USM/ RRS) |               |               |
| TUE                                                                              | Advance Pharmacology (GP)                                             | Pharmacological and Toxicological Screening Methods (SPM) | -                                                         |                                  | Cellular and Molecular Pharmacology (PKC)                             | -             | -             |
| WED                                                                              | MAT (USM)                                                             | Cellular and Molecular Pharmacology (PKC)                 | Pharmacological and Toxicological Screening Methods (SPM) |                                  | -                                                                     | -             | -             |
| THU                                                                              | MAT (USM)                                                             | -                                                         | -                                                         |                                  | Advance Pharmacology (GP)                                             | -             | -             |
| FRI                                                                              | MAT (USM)                                                             | Advance Pharmacology (GP)                                 | Cellular and Molecular Pharmacology (PKC)                 |                                  | Advance Pharmacology (GP)                                             | -             | -             |
| SAT                                                                              | Pharmacology Practical, PG- Pharmacology Lab, (GP)                    |                                                           |                                                           |                                  | Pharmacology Practical, PG- Pharmacology Lab, (GP)                    |               |               |
| USM- Prof. Uma Shankar Mishra                                                    |                                                                       | GP- Dr. GhanashyamPanigrahy                               |                                                           | PKC- Dr.Prasanta Kumar Choudhury |                                                                       |               |               |

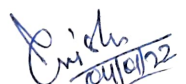
ALL CLASSES WILL BE HELD AT HALL NO. - VII  
 MAT Classes will be held at Hall No.-IV

*Ench*  
*24/01/22*  
 Prof. S. K. Panda  
 Principal

**PRINCIPAL**

Royal College of Pharmacy &  
 Health Sciences, Bernampur-2 (Bm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERNAMPUR-760002.**  
**TIME TABLE FOR B. PHARM 5<sup>th</sup> SEMSTER Section-Bw.c.f. 05.01.2022**

| TIME TABLE FOR B. PHARM 5 <sup>th</sup> SEMSTER Section-Bw.e.f. 05.01.2022                                                                                                                                                |                                                                                  |                                                |                                                                                                                                                                                                                         |                                          |                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------------------|
| DAY                                                                                                                                                                                                                       | 10.00-1.00 HRS                                                                   | 1-2 HRS                                        | 2.00-3.00 HRS                                                                                                                                                                                                           | 3.00-4.00 HRS                            | 4.00-5.00 HRS                             |
| MON                                                                                                                                                                                                                       | Industrial Pharmacy-I Practical, Lab-2, B-III (AKA)<br>Library, Batch-IV         | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Medicinal Chemistry-II (AK)                                                                                                                                                                                             | Pharmacology-II-II (SPM)                 | Pharmacognosy and Phytochemistry-II (BNT) |
| TUE                                                                                                                                                                                                                       | Industrial Pharmacy-I Practical, Lab-2, B-IV (MSK)<br>Library, Batch-III         |                                                | Industrial Pharmacy-I (MSK)                                                                                                                                                                                             | Pharmacognosy and Phytochemistry-II(BNT) | Medicinal Chemistry-II (RRS)              |
| WED                                                                                                                                                                                                                       | Pharmacology-II Practical, Lab-11, B-III (AP)<br>Library, Batch-IV               |                                                | Pharmacognosy and Phytochemistry-II (BNT)                                                                                                                                                                               | Industrial Pharmacy-I (MSK)              | Pharmacology-II-II (AP)                   |
| THU                                                                                                                                                                                                                       | Pharmacognosy and Phytochemistry-II, Lab-8, Batch-III (BNT)<br>Library, Batch-IV |                                                | Industrial Pharmacy-I (AKA)                                                                                                                                                                                             | Pharmaceutical Jurisprudence (SKP)       | Pharmacognosy and Phytochemistry-II (BNT) |
| FRI                                                                                                                                                                                                                       | Pharmacology-II Practical, Lab-11, B-IV (SPM)<br>Library, Batch-III              |                                                | Pharmacology-II-II (SPM)                                                                                                                                                                                                | Medicinal Chemistry-II (RRS)             | Industrial Pharmacy-I (AKA)               |
| SAT                                                                                                                                                                                                                       | Pharmacognosy and Phytochemistry-II Lab-8, Batch-IV (BNT)<br>Library, Batch-III  |                                                | Medicinal Chemistry-II (AK)                                                                                                                                                                                             | Pharmaceutical Jurisprudence (RP)        | Pharmacology-II-II (AP)                   |
| IPP – Prof. Iswori Prasad Padhy<br>MSK- Dr. Madhusmruti Khandai<br>AK- Miss. Annada Kar<br>ALL CLASSES WILL BE HELD AT HALL NO. - II<br>Batch-III-1903254061-1903254089<br>Batch-IV-1903254090-1903254105 and LE Students |                                                                                  |                                                | AKA- Prof. Ajit Kumar Acharya<br>ABP- Mr. AsitbaranPanigrahy<br>AP- Miss. ArchanaPanigrahy<br><br><br>Prof. S. K. Panda<br>Principal |                                          |                                           |

*S. K. Panda*  
05/01/22

Prof. S. K. Panda

Principal

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Bernampur-2 (Gm)



**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR-760002.**  
**TIME TABLE FOR B. PHARM 5<sup>th</sup> SEMSTER Section Aw.e.f. 05.01.2022**

| DAY | 10.00-11.00 HRS                             | 11.00-12.00 HRS                             | 12.00-1.00 HRS                              | 1-2 HRS                                        | 2.00-5.00 HRS                                                               |
|-----|---------------------------------------------|---------------------------------------------|---------------------------------------------|------------------------------------------------|-----------------------------------------------------------------------------|
| MON | Pharmacognosy and Phytochemistry-II (BNT) ✓ | Industrial Pharmacy-I (MSK) ✓               | Pharmacology-II (SPM) ✓                     | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Industrial Pharmacy-I Practical, Lab-2, B-I (MSK) Library, Batch-II         |
| TUE | Industrial Pharmacy-I (AKA) ✓               | Medicinal Chemistry-II (AK) ✓               | Pharmacognosy and Phytochemistry-II (BNT) ✓ |                                                | Industrial Pharmacy-I Practical, Lab-2, B-II (AKA) Library, Batch-I         |
| WED | Pharmacology-II-II (SPM) ✓                  | Pharmacognosy and Phytochemistry-II (BNT) ✓ | Industrial Pharmacy-I (MSK) ✓               |                                                | Pharmacology-II Practical, Lab-11, B-II (SPM) Library, Batch-I              |
| THU | Industrial Pharmacy-I (AKA) ✓               | Pharmacology-II-II (AP) ✓                   | Medicinal Chemistry-II (RRS) ✓              |                                                | Pharmacology-II Practical, Lab-11, B-I (AP) Library, Batch-II               |
| FRI | Pharmacognosy and Phytochemistry-II (BNT) ✓ | Pharmaceutical Jurisprudence (RP) ✓         | Medicinal Chemistry-II (AK) ✓               |                                                | Pharmacognosy and Phytochemistry-II Lab-8, Batch-I (BNT) Library, Batch-II  |
| SAT | Pharmacology-II-II (AP) ✓                   | Pharmaceutical Jurisprudence (SKP) ✓        | Medicinal Chemistry-II (RRS) ✓              |                                                | Pharmacognosy and Phytochemistry-II, Lab-8, Batch-II (BNT) Library, Batch-I |

IPP – Prof. Iswori Prasad Padhy  
MSK- Dr. Madhusmruti Khandai  
AK- Miss. Annada Kar  
RRS- Prof. Rashmi Ranjan Sarangi  
BNT- Mr. Bichitra Nanda Tripathy  
SPM- Mr. Satyapriya Mahapatra

ALL CLASSES WILL BE HELD AT HALL NO. - II

Batch-I-1903254001-1903254030

Batch-II-1903254031-1903254060

AKA- Prof. Ajit Kumar Acharya  
ABP- Mr. Asitbaran Panigrahy  
AP- Miss. Archana Panigrahy

*[Signature]*  
24/10/22  
Prof. S. K. Panda

Principal

*[Signature]* **PRINCIPAL**

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERNAMPUR-760002.**

**TIME TABLE FOR B. PHARM 3<sup>rd</sup> SEMSTER Section-Bw.e.f. 05.01.2022**

| DAY | 10.00-11.00 HRS                           | 11.00-12.00 HRS                          | 12.00-1.00 HRS                            | 1-2 HRS                                        | 2.00-5.00 HRS                                                                                                                        |
|-----|-------------------------------------------|------------------------------------------|-------------------------------------------|------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|
| MON | Pharmaceutical Basic Engineering (RP)     | Pharmaceutical Microbiology (IPP)        | Pharmaceutical organic chemistry-II (ABP) | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmaceutical Basic Engineering Practical, Lab-4, Batch -IV (RP)<br>Library, Batch-III                                              |
| TUE | Physical Pharmaceutics-I (AKM)            | Pharmaceutical Basic Engineering (GSP)   | Library                                   |                                                | Pharmaceutical Basic Engineering Practical, Lab-4, Batch -III (GSP)<br>Library, Batch-IV                                             |
| WED | Pharmaceutical organic chemistry-II (SP)  | Pharmaceutical Basic Engineering (GSP)   | Library                                   |                                                | Physical Pharmaceutics-I Practical, Lab-6, Batch -III (PKC)<br>Pharmaceutical Organic Chemistry-II Practical, Lab-5, Batch -IV (ABP) |
| THU | Pharmaceutical organic chemistry-II (ABP) | Pharmaceutical Basic Engineering (RP)    | Pharmaceutical Microbiology (IPP)         |                                                | Physical Pharmaceutics-I Practical, Lab-6, Batch-IV (AKM)<br>Pharmaceutical Organic Chemistry-II Practical, Lab-5, Batch -III (SP)   |
| FRI | Physical Pharmaceutics-I (AKM)            | Pharmaceutical Microbiology (IPP)        | Library                                   |                                                | Pharmaceutical Microbiology Practical, Lab-4, Batch-IV (IPP)<br>Library, Batch-III                                                   |
| SAT | Pharmaceutical Microbiology (IPP)         | Pharmaceutical organic chemistry-II (SP) | Physical Pharmaceutics-I (PKC)            |                                                | Pharmaceutical Microbiology Practical, Lab-4, Batch -III (IPP)<br>Library, Batch-IV                                                  |

IPP – Prof. Iswori Prasad Padhy  
 RP- Dr. Rajeshree Panigrahi  
 ALL CLASSES WILL BE HELD AT HALL NO. - I  
 Batch-III-2003254061-2003254089  
 Batch-IV-2003254090-2003254105 and LE Students

AKM- Prof. Anjan Kumar Mahapatra  
 SP- Mr. Santosh Patanaik

GSP- Dr.Gourishyam Pasa  
 ABP- Mr.Asitbaran Panigrahy

PKC- Dr.Prasanta Kumar Choudhury

Prof. S. K. Panda  
 Principal  
**PRINCIPAL**



**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR-760002.**  
**TIME TABLE FOR B. PHARM 3<sup>rd</sup> SEMSTER Section-Aw.e.f. 05.01.2022**

| DAY | 10.00-1.00 HRS                                                                                                             | 1-2 HRS                                        | 2.00-3.00 HRS                            | 3.00-4.00 HRS                             | 4.00-5.00 HRS                             |
|-----|----------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------------|-------------------------------------------|-------------------------------------------|
| MON | Pharmaceutical Microbiology Practical, Lab-4, B-I (IPP)<br>Pharmaceutical Organic Chemistry-II Practical, Lab-5, B-II (SP) | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmaceutical organic chemistry-II (SP) | Pharmaceutical Microbiology (IPP)         | Library                                   |
| TUE | Pharmaceutical Microbiology Practical, Lab-4 B-II (IPP)<br>Pharmaceutical Organic Chemistry-II Practical, Lab-5, B-I (ABP) |                                                | Pharmaceutical Basic Engineering (RP)    | Pharmaceutical Microbiology (IPP)         | Pharmaceutical organic chemistry-II (ABP) |
| WED | Physical Pharmaceutics-I Practical, Lab-6, B-II (AKM)<br>Library, Batch-I                                                  |                                                | Physical Pharmaceutics-I (AKM)           | Pharmaceutical Basic Engineering (RP)     | Library                                   |
| THU | Physical Pharmaceutics-I Practical, Lab-6, B-I (PKC)<br>Library, Batch-II                                                  |                                                | Physical Pharmaceutics-I (PKC)           | Pharmaceutical Basic Engineering (GSP)    | Pharmaceutical Microbiology (IPP)         |
| FRI | Pharmaceutical Basic Engineering Practical, Lab-4, B-II (GSP)<br>Library, Batch-I                                          |                                                | Pharmaceutical Basic Engineering (GSP)   | Physical Pharmaceutics-I (PKC)            | Pharmaceutical organic chemistry-II (SP)  |
| SAT | Pharmaceutical Basic Engineering Practical, Lab-4, B-I (RP)<br>Library, Batch-II                                           |                                                | Physical Pharmaceutics-I (AKM)           | Pharmaceutical organic chemistry-II (ABP) | Library                                   |

IPP – Prof. Iswori Prasad Padhy      AKM- Prof. Anjan Kumar Mahapatra  
 RP- Dr. Rajeshree Panigrahi      SP- Mr. Santosh Patanaik  
**ALL CLASSES WILL BE HELD AT HALL NO. - I**  
 Batch-I-2003254001-2003254030  
 Batch-II-2003254031-2003254060

GSP- Dr. Gouri shyam Pasa      PKC- Dr. Prasanta Kumar Choudhury  
 ABP- Mr. Asitbaran Panigrahy

*[Signature]*  
 04/01/22  
 Prof. S. K. Panda  
 Principal

**PRINCIPAL**

**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR-760002.**  
**TIME TABLE FOR B. PHARM 8th SEMSTER w.e.f. 28.04.2022**

| DAY | 7.30-8.20 HRS              | 8.20 -9.10 HRS                        | 9.10-10.00 HRS                         | 10.00-10.30 HRS       | 10.30-11.20 HRS | 11.20-12.10 HRS | 12.10-1.00 HRS |
|-----|----------------------------|---------------------------------------|----------------------------------------|-----------------------|-----------------|-----------------|----------------|
| MON | Social Pharmacy (PP)       | Research Methodology (GSP)            | Pharmaceutical Marketing (DS)          | B<br>R<br>E<br>A<br>K | Project         |                 |                |
| TUE | Cosmetics (RP)             | Regulatory Affairs (ABP)              | Advanced Instrumental Techniques (USM) |                       | Project         |                 |                |
| WED | Research Methodology (GSP) | Cosmetics (RP)                        | Pharmaceutical Marketing (DS)          |                       | Project         |                 |                |
| THU | Social Pharmacy (PP)       | Regulatory Affairs (ABP)              | Advanced Instrumental Techniques (SP)  |                       | Project         |                 |                |
| FRI | Research Methodology (GSP) | Advanced Instrumental Techniques (SP) | Pharmaceutical Marketing (DS)          |                       | Project         |                 |                |
| SAT | Social Pharmacy (PP)       | Cosmetics (RP)                        | Regulatory Affairs (ABP)               |                       | Project         |                 |                |

USM- Prof. Uma Shankar Mishra    GSP- Dr. Goiurishyam Pasa  
 SP- Mr. Santosh Patanaik        PP- Mrs. Priyadarshini Parida  
 DS- Mrs. Dimple Singh  
**ALL CLASSES WILL BE HELD AT HALL NO. – II**

RP- Dr. (Mrs.) Rajeshree Panigrahi  
 ABP- Mr. Asist Barun Panigrahi

*26/04/2022*  
 Prof. S. K. Panda

**Principal**

Royal College of Pharmacy and  
 Health Sciences, Berhampur (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERAHPUR-760002.**

**TIME TABLE FOR B. PHARM 6th Semester w.e.f. 23.05.2022**

| DAY | 7.30-8.20 HRS                               | 8.20 -9.10 HRS                              | 9.10-10.00 HRS                              | 10.00-10.30 HRS       | 10.30-11.20 HRS                                                                                                                        | 11.20-12.10 HRS | 12.10-1.00 HRS |
|-----|---------------------------------------------|---------------------------------------------|---------------------------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------|
| MON | Pharmaceutical Biotechnology (IPP)          | Medicinal Chemistry-III (AK)                | Pharmacology-III (SPM)                      | B<br>R<br>E<br>A<br>K | Medicinal Chemistry-II Practical, Lab-5, B-I (AK)<br>Pharmacology Practical, Lab-11, B-II (SPM)<br>Library, Batch-III and IV           |                 |                |
| TUE | Biopharmaceutics and Pharmacokinetics (PKC) | Quality Assurance (SP)                      | Herbal Drug Technology (SBP)                |                       | Herbal Drug Technology Practical, Lab-8, B-I (BNT)<br>Medicinal Chemistry-II Practical, Lab-5, B-II (AK)<br>Library, Batch-III and IV  |                 |                |
| WED | Medicinal Chemistry-III (AK)                | Pharmaceutical Biotechnology (IPP)          | Quality Assurance (SP)                      |                       | Medicinal Chemistry-II Practical, Lab-5, B-III (AK)<br>Pharmacology Practical, Lab-11, B-IV (SPM)<br>Library, Batch- I and II          |                 |                |
| THU | Herbal Drug Technology (BNT)                | Pharmacology-III (SPM)                      | Biopharmaceutics and Pharmacokinetics (PKC) |                       | Herbal Drug Technology Practical, Lab-8, B-II (SBP)<br>Medicinal Chemistry-II Practical, Lab-5, B-IV (AK)<br>Library, Batch- I and III |                 |                |
| FRI | Herbal Drug Technology (SBP)                | Biopharmaceutics and Pharmacokinetics (PKC) | Medicinal Chemistry-III (AK)                |                       | Herbal Drug Technology Practical, Lab-8, B-III (BNT)<br>Pharmacology Practical, Lab-11, B-I (SPM)<br>Library, Batch- II and IV         |                 |                |
| SAT | Pharmacology-III (SPM)                      | Quality Assurance (SKP)                     | Pharmaceutical Biotechnology (IPP)          |                       | Herbal Drug Technology Practical, Lab-8, B-IV (SBP)<br>Pharmacology Practical, Lab-11, B-III (SPM)<br>Library, Batch- I and II         |                 |                |

SKP- Prof. Susanta Kumar Panda  
SP- Mr. Santosh Patnaik  
SPM- Mr. Satyapriya Mahapatra

IPP- Prof. Iswori Prasad Padhy  
BNT- Mr. Bichitrananda Tripathy  
SBP – Mr. Subhransu Bhusan Paltasingh

PKC- Prof. Prasanta Kumar Choudhury  
AK- Miss. Annanda Kar

ALL CLASSES WILL BE HELD AT HALL NO. – IV  
Batch-I- 001-030, Batch –II- 031-060  
Batch –III- 061-089, Batch-IV-090-105 and LE students.

*S.K.P.*  
23/05/2022  
Prof. S. K. Panda  
Principal

**PRINCIPAL**  
Royal College of Pharmacy and  
Health Sciences, Berahpur (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR-760002.**

**TIME TABLE FOR B. PHARM 4<sup>th</sup> Semester w.e.f. 04.07.2022**

| DAY | 10.00-11.00 HRS                         | 11.00-12.00 HRS                    | 12.00-1.00 HRS                        | 1-2 Hrs                                        | 2.00-3.00 HRS                                                                                                                                                                                                  | 3.00-4.00 HRS            | 4.00-5.00 HRS                            |
|-----|-----------------------------------------|------------------------------------|---------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|------------------------------------------|
| MON | Physical Pharmaceutics-II (GSP)         | Pharmacology-I (ABP)               | Medicinal Chemistry-I (SBP)           | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Medicinal Chemistry-I Practical, Lab-5, Batch-I (SBP)<br>Pharmacology-I Practical, Lab-11, Batch-III (ABP)                                                                                                     | Library, Batch-II and IV | Computer Practical for LE Students (SPP) |
| TUE | Medicinal Chemistry-I (SKB)             | Pharmacognosy and Phytochem. (IPP) | Library                               |                                                | Medicinal Chemistry-I Practical, Lab-5, Batch-II (SKB)<br>Pharmacology-I Practical, Lab-11, Batch-IV (AP)<br>Library, Batch-III and I                                                                          |                          |                                          |
| WED | Pharmacognosy and Phytochem. (IPP)      | Medicinal Chemistry-I (SBP)        | Physical Pharmaceutics-II (GSP)       |                                                | Pharmacognosy and Phytochemistry Practical, Lab-8, Batch-I (IPP)<br>Physical Pharmaceutics-II Practical, Lab-6, Batch-IV (AKA)<br>Medicinal Chemistry-I Practical, Lab-5, Batch-III (SBP)<br>Library, Batch-II |                          |                                          |
| THU | Pharmacology-I (AP)                     | Pharmacognosy and Phytochem. (IPP) | Medicinal Chemistry-I (SKB)           |                                                | Pharmacognosy and Phytochemistry Practical, Lab-8, Batch-II (IPP)<br>Physical Pharmaceutics-II Practical, Lab-6, Batch-III (GSP)<br>Medicinal Chemistry-I Practical, Lab-5, Batch-IV (SKB)<br>Library, Batch-I |                          |                                          |
| FRI | Pharmaceutical Organic Chem. - III (AK) | Pharmacology-I (AP)                | Library                               |                                                | Pharmacognosy and Phytochemistry Practical, Lab-8, Batch-III (IPP)<br>Physical Pharmaceutics-II Practical, Lab-6, Batch-II (GSP)<br>Pharmacology-I Practical, Lab-11, Batch-I (ABP)                            | Library, Batch-IV        | Computer Theory For LE Students (SPP)    |
| SAT | Pharmaceutical Organic Chem. - III (AK) | Physical Pharmaceutics-II (AKA)    | Pharmaceutical Organic Chem.-III (AK) |                                                | Pharmacognosy and Phytochemistry Practical, Lab-8, Batch-IV (IPP)<br>Physical Pharmaceutics-II Practical, Lab-6, Batch-I (GSP)<br>Pharmacology-I Practical, Lab-11, Batch-II (AP)<br>Library, Batch-III        |                          |                                          |

IPP- Prof. Iswori Prasad Padhy

AK- Miss. Ananda Kar

AP- Miss. Archana Panigrahy

ALL CLASSES WILL BE HELD AT HALL NO. - II

Batch-I- 001-030, Batch -II- 031-060, Batch -III- 061-089, Batch-IV-090-105 and LE students.

AKA- Prof. Ajit Kumar Acharya

SKB- Mr. Saroj Kanta Bisoyi

GSP- Prof. Gourishyam Pasa

SBP- Mr. Subhransubhusana Palatasingh

ABP- Mr. Asit Baran Panigrahy

  
Prof. S. K. Panda  
Principal



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BHERAMPUR-760002.**

**TIME TABLE FOR B. PHARM 2<sup>nd</sup> Semester w.e.f. 04.07.2022**

| DAY | 10.00-11.00 HRS                         | 11.00-12.00 HRS                         | 12.00-1.00 HRS        | 1-2 Hrs | 2.00-3.00 HRS                                                       | 3.00-4.00 HRS         | 4.00-5.00 HRS                      |
|-----|-----------------------------------------|-----------------------------------------|-----------------------|---------|---------------------------------------------------------------------|-----------------------|------------------------------------|
| MON | Pharmaceutical Organic Chemistry-I (SP) | Biochemistry (RRS)                      | HAP (AS)              | L       | HAP Practical, Lab-10, Batch-I (AS)                                 |                       |                                    |
|     |                                         |                                         |                       | U       | Biochemistry Practical, Lab-7, Batch-II (RRS)                       |                       |                                    |
|     |                                         |                                         |                       | N       | Pharmaceutical Organic Chemistry-I Practical, Lab-9, Batch-III (SP) |                       |                                    |
| TUE | Biochemistry (RRS)                      | Pharmaceutical Organic Chemistry-I (SP) | Pathophysiology (BNT) | C       | Computer Applications Practical, Batch-IV (SPP)                     |                       |                                    |
|     |                                         |                                         |                       | H       | -                                                                   |                       |                                    |
|     |                                         |                                         |                       | B       | HAP Practical, Lab-10, Batch-II (AS)                                |                       |                                    |
| WED | Pharmaceutical Organic Chemistry-I (SP) | HAP (AS)                                | Biochemistry (RKB)    | R       | Biochemistry Practical, Lab-7, Batch-III (RKB)                      |                       |                                    |
|     |                                         |                                         |                       | E       | Pharmaceutical Organic Chemistry-I Practical, Lab-9, Batch-IV (SP)  |                       |                                    |
|     |                                         |                                         |                       | A       | -                                                                   |                       |                                    |
| THU | Pathophysiology (BNT)                   | HAP (AS)                                | Library               | K       | HAP Practical, Lab-10, Batch-III (AS)                               |                       |                                    |
|     |                                         |                                         |                       |         | Biochemistry Practical, Lab-7, Batch-IV (RRS)                       |                       |                                    |
|     |                                         |                                         |                       |         | Pharmaceutical Organic Chemistry-I Practical, Lab-9, Batch-I (SP)   |                       |                                    |
| FRI | Biochemistry (RKB)                      | EVS (PP)                                | Library               |         | Computer Applications Practical, Batch-II (SPP)                     |                       |                                    |
|     |                                         |                                         |                       |         | -                                                                   |                       |                                    |
|     |                                         |                                         |                       |         | HAP Practical, Lab-10, Batch-IV (AS)                                |                       |                                    |
| SAT | HAP (AS)                                | Biochemistry (RRS)                      | Library               |         | Biochemistry Practical, Lab-7, Batch-I (RKB)                        |                       |                                    |
|     |                                         |                                         |                       |         | Pharmaceutical Organic Chemistry-I Practical, Lab-9, Batch-II (SP)  |                       |                                    |
|     |                                         |                                         |                       |         | -                                                                   |                       |                                    |
|     |                                         |                                         |                       |         | EVS (PP)                                                            | EVS (PP)              | Computer Applications Theory (SPP) |
|     |                                         |                                         |                       |         |                                                                     | Pathophysiology (BNT) | Computer Applications Theory (SPP) |

RRS- Prof. Rashmi Ranjan Sarangi SP- Mr. Santosh Patanaik BNT- Mr. Bichitrnanda Tripathy AS- Mr. Asish Sahu  
 PP- Mrs. Priyadrashini Parida RKB- Mr. Radhesh Kumar Badatya SPP- Mr. Siba Prasad Pattanaik  
 ALL CLASSES WILL BE HELD AT HALL NO. - VI  
 Batch-I- 001-030, Batch -II- 031-060, Batch -III- 061-089, Batch-IV-090-105.

Prof. S. K. Panda  
Principal

**PRINCIPAL**  
 Royal College of Pharmacy and  
 Health Sciences, Bherampur (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR-760002.**  
**TIME TABLE FOR M. PHARM 2<sup>nd</sup> Semester (Pharmaceutics and Pharmaceutical Technology) w.e.f. 04.07.2022**

| DAY | 10.00-11.00 HRS                                          | 11.00-12.00 HRS                                     | 12.00-1.00 HRS                                      | 1-2 Hrs                                        | 2.00-3.00 HRS                                            | 3.00-4.00 HRS                 | 4.00-5.00 HRS |
|-----|----------------------------------------------------------|-----------------------------------------------------|-----------------------------------------------------|------------------------------------------------|----------------------------------------------------------|-------------------------------|---------------|
| MON | Pharmaceutics Practical, PG Pharmaceutics Lab (PNM/ AKM) |                                                     |                                                     | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmaceutics Practical, PG Pharmaceutics Lab (PNM/ AKM) |                               |               |
| TUE | Advance Biopharmaceutics and Pharmacokinetics (GSP)      | Molecular Pharmaceutics (PNM/AKM)                   | Cosmetics and Cosmeceuticals (MSK)                  |                                                | Computer Aided Drug Delivery Systems (PKC)               | Molecular Pharmaceutics (AKM) | Library       |
| WED | Computer Aided Drug Delivery Systems (PKC)               | Cosmetics and Cosmeceuticals (MSK)                  | Molecular Pharmaceutics (AKM)                       |                                                | Pharmaceutics Practical, PG Pharmaceutics Lab (PNM/ AKM) |                               |               |
| THU | Cosmetics and Cosmeceuticals (MSK)                       | Computer Aided Drug Delivery Systems (PKC)          | Advance Biopharmaceutics and Pharmacokinetics (GSP) |                                                | Pharmaceutics Practical, PG Pharmaceutics Lab (PNM/ AKM) |                               |               |
| FRI | Molecular Pharmaceutics (AKM)                            | Advance Biopharmaceutics and Pharmacokinetics (GSP) | Cosmetics and Cosmeceuticals (MSK)                  |                                                | Seminar (MSK)                                            |                               |               |
| SAT | Computer Aided Drug Delivery Systems (PKC)               | Advance Biopharmaceutics and Pharmacokinetics (GSP) | Library                                             |                                                | Training Module                                          |                               |               |

PNM- Prof. P. N. Murthy      AKM- Prof. Anjan Kumar Mahapatra      PKC- Prof. Prasant Kumar Choudhary      GSP- Prof. Gourishyam Pasa

MSK- Prof. Madhusmruti Khamdai

ALL CLASSES WILL BE HELD AT HALL NO. – 1

All Students

*ndy 02/07/2022*  
**Prof. S. K. Panda**  
**Principal**

**PRINCIPAL**  
 Royal College of Pharmacy and  
 Health Sciences, Berhampur (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002.**

**TIME TABLE FOR M. PHARM 2<sup>nd</sup> Semester (PA and QA) w.e.f. 04.07.2022**

| TIME TABLE FOR M. PHARM 2 <sup>nd</sup> Semester (PA and QA) w.e.t. 04.07.2022 |                                                                |                                       |                                     |                                                                |                                                |                                                                |                                 |
|--------------------------------------------------------------------------------|----------------------------------------------------------------|---------------------------------------|-------------------------------------|----------------------------------------------------------------|------------------------------------------------|----------------------------------------------------------------|---------------------------------|
| DAY                                                                            | 10.00-11.00 HRS                                                | 11.00-12.00 HRS                       | 12.00-1.00 HRS                      | 1-2 Hrs                                                        | 2.00-3.00 HRS                                  | 3.00-4.00 HRS                                                  | 4.00-5.00 HRS                   |
| MON                                                                            | Pharmaceutical Analysis Practical, PG PA and QA Lab (USM/ SKS) |                                       |                                     |                                                                | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmaceutical Analysis Practical, PG PA and QA Lab (USM/ SKS) |                                 |
| TUE                                                                            | Advance Instrumental Analysis (USM)                            | Modern Bioanalytical Techniques (SKS) | QC and QA (SKP)                     | Modern Bioanalytical Techniques (SKS)                          |                                                | QC and QA (ABP)                                                | Herbal Cosmetics Analysis (RRS) |
| WED                                                                            | Modern Bioanalytical Techniques (SKS)                          | Advance Instrumental Analysis (USM)   | Herbal Cosmetics Analysis (RRS)     | Seminar (SKP/SKS)                                              |                                                |                                                                |                                 |
| THU                                                                            | QC and QA (ABP)                                                | Herbal Cosmetics Analysis (RRS)       | Advance Instrumental Analysis (USM) | Pharmaceutical Analysis Practical, PG PA and QA Lab (USM/ SKS) |                                                |                                                                |                                 |
| FRI                                                                            | QC and QA (ABP)                                                | Modern Bioanalytical Techniques (SKS) | Library                             | Herbal Cosmetics Analysis (RRS)                                |                                                | Advance Instrumental Analysis (USM)                            | Library                         |
| SAT                                                                            | Pharmaceutical Analysis Practical, PG PA and QA Lab (USM/ SKS) |                                       |                                     |                                                                |                                                | Training Module                                                |                                 |

USM- Prof. Uma Shankar Mishra    SKP- Prof. Susanta Kumar Panda    SKS- Prof. Sudhir Kumar Sahoo    RRS- Prof. Rashmi Ranjan Sarangi

ABP- Mr. Asitbaran Panigrahy

ALL CLASSES WILL BE HELD AT HALL NO. – V

All Students

*24/6/22*  
Prof. S. K. Panda  
Principal

**PRINCIPAL**

Royal College of Pharmacy and  
Health Sciences, Berhampur (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002.**

**TIME TABLE FOR M. PHARM 2<sup>nd</sup> Semester (Pharmacology) w.e.f. 04.07.2022**

| TIME TABLE FOR M. PHARM 2 <sup>nd</sup> Semester (Pharmacology) w.e.f. 04.07.2022 |                                                  |                                                        |                                                       |                                               |                                                |                                                  |               |
|-----------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------|------------------------------------------------|--------------------------------------------------|---------------|
| DAY                                                                               | 10.00-11.00 HRS                                  | 11.00-12.00 HRS                                        | 12.00-1.00 HRS                                        | 1-2 Hrs                                       | 2.00-3.00 HRS                                  | 3.00-4.00 HRS                                    | 4.00-5.00 HRS |
| MON                                                                               | Pharmacology Practical, PG Pharmacology Lab (GP) |                                                        |                                                       |                                               | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pharmacology Practical, PG Pharmacology Lab (GP) |               |
| TUE                                                                               | Principles of Drug Discovery (GP)                | -                                                      | Pharmacological Screening Techniques and Methods (GP) | Clinical Research and Pharmacovigilance (SPM) |                                                | Advance Pharmacology (GP)                        | -             |
| WED                                                                               | Principles of Drug Discovery (GP)                | -                                                      | Advance Pharmacology (GP)                             | Seminar (GP)                                  |                                                |                                                  |               |
| THU                                                                               | Pharmacology Practical, PG Pharmacology Lab (GP) |                                                        |                                                       |                                               |                                                | Pharmacology Practical, PG Pharmacology Lab (GP) |               |
| FRI                                                                               | Advance Pharmacology (GP)                        | Pharmacological Screening Techniques and Methods (SPM) | Principles of Drug Discovery (GP)                     | Clinical Research and Pharmacovigilance (SPM) |                                                | -                                                | -             |
| SAT                                                                               | Clinical Research and Pharmacovigilance (SPM)    | -                                                      | Pharmacological Screening Techniques and Methods (GP) | Training Module                               |                                                |                                                  |               |

GP- Prof. Ghanashyam Panigrahi      SPM- Mr. Satyapriya Mahapatra  
**ALL CLASSES WILL BE HELD AT HALL NO. – VII**  
 All Students

24/7/22  
 Prof. S. K. Panda

Principal  
**PRINCIPAL**

Royal College of Pharmacy and  
 Health Sciences, Berhampur (Gm.)

# ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR

## TIME TABLE: B. PHARM. 1<sup>st</sup> Sem. wef: 28.12.2020(ONLINE CLASSES)

| Days             | 9-10am                          | 10-11am                                        | 11-12 noon                                       | 12-1.00 Pm              |
|------------------|---------------------------------|------------------------------------------------|--------------------------------------------------|-------------------------|
| <b>Monday</b>    | HAP<br>(AS)                     | Ph. Analysis<br>(SP)                           | Pharmaceutical<br>Inorganic<br>Chemistry (SKB)   | SIP as per schedule     |
| <b>Tuesday</b>   | Ph. Analysis<br>(SP)            | Pharmaceutics<br>(PKC)                         | HAP<br>(AS)                                      | SIP as per schedule     |
| <b>Wednesday</b> | Pharmaceutics<br>(PKC)          | Pharmaceutical<br>Inorganic<br>Chemistry (RRS) | Remedial Bio.<br>(PP)<br>Remedial Maths<br>(GSP) | SIP as per schedule     |
| <b>Thursday</b>  | HAP<br>(GP)                     | Pharmaceutical<br>Inorganic<br>Chemistry (RRS) | Pharmaceutics<br>(PKC)                           | SIP as per schedule     |
| <b>Friday</b>    | Communication<br>Skills<br>(PM) | Ph. Analysis<br>(KA)                           | Pharmaceutics<br>(PKC)                           | Remedial Bio. (PP)      |
|                  |                                 |                                                |                                                  | Remedial Maths<br>(GSP) |
| <b>Saturday</b>  | Communication<br>Skills<br>(PM) | Pharmaceutical<br>Inorganic<br>Chemistry (SKB) | HAP<br>(GP)                                      | Ph. Analysis<br>(KA)    |

Prof. S. K. Panda

Principal, RCPHS

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR**  
**TIME TABLE: B. PHARM. 3rd SEMESTER wef: 23.12.2020(ONLINE CLASSES)**

| <b>Days</b>      | <b>10-11am</b>     | <b>11-12 noon</b>  | <b>12-1.00 Pm</b>  |
|------------------|--------------------|--------------------|--------------------|
| <b>Monday</b>    | Microbiology (IPP) | Phy. Pharmacy(AKM) | -----              |
| <b>Tuesday</b>   | Phy. Pharmacy(AKM) | Microbiology (IPP) | Ph. Chem.-II (AK)  |
| <b>Wednesday</b> | Ph. Engg. (RP)     | Ph. Chem.-II (SM)  | -----              |
| <b>Thursday</b>  | Ph. Chem.-II (SM)  | Phy. Pharmacy(AKM) | Microbiology (IPP) |
| <b>Friday</b>    | Microbiology (IPP) | Ph. Chem.-II (SM)  | Ph. Engg. (RP)     |
| <b>Saturday</b>  | Ph. Chem.-II (SM)  | Ph. Engg. (RP)     | -----              |

*(Signature)*  
 Prof. S. K. Panda

Principal, RCPHS  
**PRINCIPAL**

**Royal College of Pharmacy &  
 Health Sciences Berhampur-2 (Gm)**

# ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR

## TIME TABLE: M. PHARM (PHARMACEUTICS and PHARMACEUTICAL TECHNOLOGY) 1<sup>st</sup> Year wef: 23.12.2020(ONLINE CLASSES)

| Days      | 10-11am      | 11-12 noon   | 12-1.00 Pm   |
|-----------|--------------|--------------|--------------|
| Monday    | MAT<br>(USM) | RA<br>(SKP)  | MP<br>(MSK)  |
| Tuesday   | MP<br>(MSK)  | DDS<br>(PNM) | RA<br>(SKP)  |
| Wednesday | MAT<br>(USM) | MP<br>(MSK)  | DDS<br>(AKM) |
| Thursday  | MAT<br>(USM) | MP<br>(MSK)  | ----         |
| Friday    | RA<br>(MSK)  | DDS<br>(AKM) | -----        |
| Saturday  | MAT<br>(USM) | DDS<br>(AKM) | RA<br>(MSK)  |

Prof. S. K. Panda

Principal, RCPHS

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR**  
**TIME TABLE: M. PHARM (PHARMACEUTICAL ANALYSIS AND QUALITY**  
**ASSURANCE) 1<sup>st</sup> Year wef: 23.12.2020 (ONLINE CLASSES)**

| <b>Days</b>      | <b>10-11am</b> | <b>11-12 noon</b> | <b>12-1.00 Pm</b> |
|------------------|----------------|-------------------|-------------------|
| <b>Monday</b>    | MAT<br>(USM)   | FA<br>(RRS)       | APA<br>(SKS)      |
| <b>Tuesday</b>   | APA<br>(SKS)   | FA<br>(RRS)       | PV<br>(ABP)       |
| <b>Wednesday</b> | MAT<br>(USM)   | PV<br>(SKP)       | -----             |
| <b>Thursday</b>  | MAT<br>(USM)   | PV<br>(SKP)       | -----             |
| <b>Friday</b>    | APA<br>(SKS)   | FA<br>(RRS)       | PV<br>(ABP)       |
| <b>Saturday</b>  | MAT<br>(USM)   | FA<br>(RRS)       | APA<br>(SKS)      |

Prof. S. K. Panda

Principal, RCPHS

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences Berhampur-750015



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR**  
**TIME TABLE: M. PHARM (PHARMACOLOGY) 1<sup>st</sup> Year wef: 23.12.2020(ONLINE**  
**CLASSES)**

| <b>Days</b>      | <b>10-11am</b> | <b>11-12 noon</b> | <b>12-1.00 Pm</b> |
|------------------|----------------|-------------------|-------------------|
| <b>Monday</b>    | MAT<br>(USM)   | AP<br>(GP)        | CMP<br>(PKC)      |
| <b>Tuesday</b>   | AP<br>(GP)     | PTSM<br>(DM)      | CMP<br>(DM)       |
| <b>Wednesday</b> | MAT<br>(USM)   | AP<br>(GP)        | PTSM<br>(DM)      |
| <b>Thursday</b>  | MAT<br>(USM)   | PTSM<br>(DM)      | -----             |
| <b>Friday</b>    | AP<br>(GP)     | PTSM<br>(DM)      | -----             |
| <b>Saturday</b>  | MAT<br>(USM)   | CMP<br>(DM)       | CMP<br>(PKC)      |

*23/12/2020*  
Prof. S. K. Panda

Principal, RCPHS

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**  
**Time Table for B. Pharm. 1<sup>st</sup> Semester (Section-A) w.e.f. 17.02.2021**

| Time Table for B. Pharm. 1 <sup>st</sup> Semester (Section-A) w.e.f. 17.02.2021 |                                 |                                                                        |                                          |                                          |                                                    |                                                                                                                               |                              |                 |
|---------------------------------------------------------------------------------|---------------------------------|------------------------------------------------------------------------|------------------------------------------|------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------------|
| Day                                                                             | 09.00-10.00 Hrs                 | 10.00-11.00 Hrs                                                        | 11.00-12.00 Hrs                          | 12.00-13.00 Hrs                          | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                                                                                               | 15.00-16.00 Hrs              | 16.00-17.00 Hrs |
| Mon                                                                             | Comm <sup>n</sup> . Skills (PM) | Human Anatomy and Physiology (AS)                                      | Pharmaceutics (PKC)                      | Pharmaceutical Analysis (SM)             | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Human Anatomy and Physiology, Practical, L-10, Batch-I (AS)<br>Pharmaceutics-I, Practical, L-6, Batch-II (PKC)                |                              |                 |
| Tue                                                                             | Comm <sup>n</sup> . Skills (PM) | Human Anatomy and Physiology (AS)                                      | Pharmaceutics (BS)                       | Pharmaceutical Inorganic Chemistry (RRS) |                                                    | Human Anatomy and Physiology, Practical, L-10, Batch-II (AS)<br>Pharmaceutics-I, Practical, L-6, Batch-I (BS)                 |                              |                 |
| Wed                                                                             | -                               | Pharmaceutical Analysis (KA)                                           | Pharmaceutical Inorganic Chemistry (SKB) | -                                        |                                                    | Pharmaceutical Analysis-I, Practical, L-9, Batch-I (KA)<br>Pharmaceutical Inorganic Chemistry, Practical, L-7, Batch-II (RRS) |                              |                 |
| Thu                                                                             | -                               | Remedial Biology, Practical, All Remedial Biology Students, Lab-8 (PP) |                                          | Human Anatomy and Physiology (AS)        |                                                    | Pharmaceutical Analysis-I, Practical, L-9, Batch-II (KA)<br>Pharmaceutical Inorganic Chemistry, Practical, L-7, Batch-I(SKB)  |                              |                 |
| Fri                                                                             | Remedial Maths (GSP)            | Pharmaceutical Inorganic Chemistry (RRS)                               | Pharmaceutics (BS)                       | Pharmaceutical Analysis (KA)             |                                                    | -                                                                                                                             |                              |                 |
|                                                                                 | Remedial Biology (PP)           |                                                                        |                                          |                                          |                                                    |                                                                                                                               |                              |                 |
| Sat                                                                             | Remedial Maths (GSP)            | Pharmaceutics (PKC)                                                    | Human Anatomy and Physiology (AS)        | -                                        |                                                    | Pharmaceutical Inorganic Chemistry (SKB)                                                                                      | Pharmaceutical Analysis (KA) | -               |
|                                                                                 | Remedial Biology (PP)           |                                                                        |                                          |                                          |                                                    |                                                                                                                               |                              |                 |
| PP- Mrs. Prividarshini Parida                                                   |                                 | PKC-Dr. Prasanta Kumar Choudhury                                       |                                          | GSP- Dr. Gouri Shyam Pasa                |                                                    | SM- Mrs. Soudamini Mallick                                                                                                    |                              |                 |

RRS- Prof. Rashmi Ranjan Sarangi  
 AS- Mr. Asish Sahu  
 SKB- Mr. Saroj Kanta Bisoyi  
Theory Class will held at Hall No. – VI  
 Batch- I : Roll No. 001-026

PKC-Dr. Prasanta Kumar Choudhury  
 KA- Miss. K. Anusha  
 BSV- Mrs. B. Srividya

Batch- II: Roll No. 027-053

GSP- Dr. Gouri Shyam Pasa  
 PP- Mrs. Priyadarshini Parida  
 PM- Dr. Pinaki Mohanty

SM- Mrs. Soudamini Mallick

  
 Prof. S. K. Panda  
 Principal  
 PRINCIPAL

Royal College of Pharmacy &  
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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**  
**Time Table for B. Pharm. 1<sup>st</sup> Semester ( Section-B) w.e.f. 17.02.2021**

| Time Table for B. Pharm. I <sup>st</sup> Semester ( Section-B) w.e.f. 17.02.2021 |                                 |                                                                                                                                |                                          |                              |                                                    |                                          |                                   |                                   |
|----------------------------------------------------------------------------------|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------|----------------------------------------------------|------------------------------------------|-----------------------------------|-----------------------------------|
| Day                                                                              | 09.00-10.00 Hrs                 | 10.00-11.00 Hrs                                                                                                                | 11.00-12.00 Hrs                          | 12.00-13.00 Hrs              | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                          | 15.00-16.00 Hrs                   | 16.00-17.00 Hrs                   |
| Mon                                                                              | -                               | Pharmaceutical Analysis-I, Practical, L-9, Batch-III(KA)<br>Pharmaceutical Inorganic Chemistry, Practical, L-7, Batch-IV (RRS) |                                          |                              | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Pharmaceutical Inorganic Chemistry (SKB) | Pharmaceutical Analysis (KA)      | -                                 |
| Tue                                                                              | -                               | Pharmaceutical Analysis-I, Practical, L-9, Batch-IV (KA)<br>Pharmaceutical Inorganic Chemistry, Practical, L-7, Batch-III(SKB) |                                          |                              |                                                    | Pharmaceutics (PKC)                      | Pharmaceutical Analysis (KA)      | -                                 |
| Wed                                                                              | Comm <sup>n</sup> . Skills (PM) | Human Anatomy and Physiology, Practical, L-10, Batch-III (AS)<br>Pharmaceutics-I, Practical, L-6, Batch-IV (BS)                |                                          |                              |                                                    | Pharmaceutics (BS)                       | Human Anatomy and Physiology (AS) | -                                 |
| Thu                                                                              | Comm <sup>n</sup> . Skills (PM) | Remedial Biology, Practical, All Remedial Biology Students, Lab-8 (PP)                                                         |                                          | Pharmaceutical Analysis (SM) |                                                    | Pharmaceutical Inorganic Chemistry (RRS) | Human Anatomy and Physiology (AS) | -                                 |
| Fri                                                                              | Remedial Maths (GSP)            | Human Anatomy and Physiology, Practical, L-10, Batch-IV (AS)                                                                   |                                          |                              |                                                    | Pharmaceutical Inorganic Chemistry (SKB) | Pharmaceutics (PKC)               | Human Anatomy and Physiology (AS) |
|                                                                                  | Remedial Biology (PP)           | Pharmaceutics-I, Practical, L-6, Batch-III (PKC)                                                                               |                                          |                              |                                                    |                                          |                                   |                                   |
| Sat                                                                              | Remedial Maths (GSP)            | Pharmaceutical Analysis (KA)                                                                                                   | Pharmaceutical Inorganic Chemistry (RRS) | -                            |                                                    | Human Anatomy and Physiology (AS)        | Pharmaceutics (BS)                | -                                 |
|                                                                                  | Remedial Biology (PP)           |                                                                                                                                |                                          |                              |                                                    |                                          |                                   |                                   |

RRS- Prof. Rashmi Ranjan Sarangi

AS- Mr. Asish Sahu

SKB- Mr. Saroj Kanta Bisoyi

Theory Class will held at Hall No. – VIII

PKC-Dr. Prasanta Kumar Choudhury

KA- Miss. K. Anusha

BSV- Mrs. B. Srividya

Batch- III : Roll No. 054-078

GSP- Dr. Gouri Shyam Pasa

PP- Mrs. Priyadarshini Parida

PM- Dr. Pinaki Mohanty

SM- Mrs. Soudamini Mallick

Batch- IV: Roll No. 079-104 and LE Students of B. Pharm. 2<sup>nd</sup> Year

Prof. S. K. Panda

Principal

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Health Sciences, Berhampur-2 (Gm)



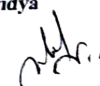
**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERNAMPUR- 760 002.**  
**Time Table for B. Pharm. VI<sup>th</sup> Semester ( Section-A) w.e.f. 17.02.2021**

| Day | 10.00-11.00 Hrs                    | 11.00-12.00 Hrs                            | 12.00-13.00 Hrs                    | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                                                                             | 15.00-16.00 Hrs                             | 16.00-17.00 Hrs          |
|-----|------------------------------------|--------------------------------------------|------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------|---------------------------------------------|--------------------------|
| Mon | Pharmacology (ABP)                 | Pharmaceutical Biotechnology (IPP)         | Medicinal Chemistry (AK)           | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Medicinal Chemistry, Practical, L-5, Batch-I (AK)<br>Pharmacology, Practical, L-11, Batch-II (ABP)          |                                             |                          |
| Tue | Pharmaceutical Biotechnology (IPP) | Quality Assurance (SP)                     | Herbal Drug Technology (BNT)       |                                                    | Herbal Drug Technology, Practical, L-8, Batch-I (BNT)<br>Medicinal Chemistry, Practical, L-5, Batch-II (AK) |                                             |                          |
| Wed | Pharmacology (ABP)                 | Medicinal Chemistry (AK)                   | Pharmaceutical Biotechnology (IPP) |                                                    | Pharmacology, Practical, L-11, Batch-I (ABP)<br>Herbal Drug Technology, Practical, L-8, Batch-II (GKI)      |                                             |                          |
| Thu | Pharmaceutical Biotechnology (IPP) | Biopharmaceutics and Pharmacokinetics (BS) | Herbal Drug Technology (BNT)       |                                                    | Medicinal Chemistry (AK)                                                                                    | Biopharmaceutics and Pharmacokinetics (AKM) | Quality Assurance (SKP)  |
| Fri | Herbal Drug Technology (BNT)       | Quality Assurance (SP)                     | -                                  |                                                    | Pharmacology (ABP)                                                                                          | Biopharmaceutics and Pharmacokinetics (BS)  | Medicinal Chemistry (AK) |
| Sat | Pharmacology (ABP)                 | Herbal Drug Technology (GKI)               | -                                  |                                                    | Biopharmaceutics and Pharmacokinetics (AKM)                                                                 | Quality Assurance (SKP)                     | -                        |

SKP- Prof. Susanta Kumar Panda  
 BNT- Mr. Bichitrananda Tripathy  
Theory Class will held at Hall No. - I

IPP- Prof. Iswori Prasad Padhy  
 ABP- Mr. Asit Baran Panigrahi  
 Batch- I : Roll No. 001-030

AKM-Prof. Anjan Kumar Mahapatra  
 AK- Miss. Annada Kar  
 Batch- II: Roll No. 021-058

  
 Prof. S. K. Panda  
 Principal

**PRINCIPAL**  
 Royal College of Pharmacy &  
 Health Sciences, Bernampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERTHAMPUR- 760 002.**  
**Time Table for B. Pharm. VI<sup>th</sup> Semester ( Section-B) w.e.f. 17.02.2021**

| Time Table for B. Pharm. VI <sup>th</sup> Semester ( Section-B) w.e.f. 17.02.2021 |                                                                                                      |                          |                              |                                                    |                                                  |                                             |                                            |
|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------|------------------------------|----------------------------------------------------|--------------------------------------------------|---------------------------------------------|--------------------------------------------|
| Day                                                                               | 10.00-11.00 Hrs                                                                                      | 11.00-12.00 Hrs          | 12.00-13.00 Hrs              | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                  | 15.00-16.00 Hrs                             | 16.00-17.00 Hrs                            |
| Mon                                                                               | Herbal Drug Technology, Practical, L-8, Batch-III (GKI)<br>Library, Batch-IV                         |                          |                              | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Biopharmaceutics and Pharmacokinetics (BS)       | Quality Assurance (SKP)                     | Herbal Drug Technology (BNT)               |
| Tue                                                                               | Medicinal Chemistry, Practical, L-5, Batch-III (AK)<br>Pharmacology, Practical, L-11, Batch-IV (ABP) |                          |                              |                                                    | Quality Assurance (SP)                           | Pharmaceutical Biotechnology (IPP)          | Pharmacology (ABP)                         |
| Wed                                                                               | Herbal Drug Technology, Practical, L-8, Batch-IV(BNT)<br>Library, Batch-III                          |                          |                              |                                                    | Biopharmaceutics and Pharmacokinetics (AKM)      | Quality Assurance (SKP)                     | Medicinal Chemistry (AK)                   |
| Thu                                                                               | Medicinal Chemistry, Practical, L-5, Batch-IV (AK)<br>Pharmacology, Practical, L-11, Batch-III (ABP) |                          |                              |                                                    | Pharmacology (ABP)                               | Pharmaceutical Biotechnology (IPP)          | Biopharmaceutics and Pharmacokinetics (BS) |
| Fri                                                                               | Pharmaceutical Biotechnology (IPP)                                                                   | Pharmacology (ABP)       | Medicinal Chemistry (AK)     |                                                    | Herbal Drug Technology (BNT)                     | Biopharmaceutics and Pharmacokinetics (AKM) | Pharmaceutical Biotechnology (IPP)         |
| Sat                                                                               | Quality Assurance (SP)                                                                               | Medicinal Chemistry (AK) | Herbal Drug Technology (GKI) |                                                    | Pharmacology (ABP)                               | Medicinal Chemistry (AK)                    | Herbal Drug Technology (BNT)               |
| AKM-Prof. Anjan Kumar Mahapatra<br>AK- Miss. Annada Kar                           |                                                                                                      |                          |                              |                                                    | SP- Mr. Santosh Patanaik<br>BSV- Mrs.B. Srividya |                                             |                                            |

SKP- Prof. Susanta Kumar Panda  
 BNT- Mr. Bichitrananda Tripathy  
 GKI- Mr. Gourav Kumar Indu  
Theory Class will held at Hall No. - II  
 1703254037, 1703254060 and 1823254008

IPP- Prof. Iswori Prasad Padhy  
 ABP- Mr. Asit Baran Panigrahi

AKM-Prof. Anjan Kumar Mahapatra  
 AK- Miss. Annada Kar  
 SP- Mr. Santosh Patanaik  
 BSV- Mrs.B. Srividya

Batch- III : Roll No. 0059-088

Batch- IV: Roll No. 089-105 and LE students,

Prof. S. K. Panda  
 Principal

PRINCIPAL

Royal College of Pharmacy &  
 Health Sciences Borthampur-2 (GKI)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERTAMPUR- 760 002.**  
**Time Table for B. Pharm. VIII<sup>th</sup> Semester w.e.f. 17.02.2021**

| Time Table for B. Pharm. VIII <sup>th</sup> Semester w.e.f. 17.02.2021                       |                                            |                                              |                                      |                                                    |                                            |                                              |                                                                                                                                 |  |
|----------------------------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------------------|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--|
| Day                                                                                          | 10.00-11.00 Hrs                            | 11.00-12.00 Hrs                              | 12.00-13.00 Hrs                      | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                            | 15.00-16.00 Hrs                              | 16.00-17.00 Hrs                                                                                                                 |  |
| Mon                                                                                          | Project, Section- A<br>Library, Section- B |                                              |                                      | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Cosmetics Science (RP)                     | Biostatistics and Research Methodology (GSP) | Pharmaceutical Marketing (DS)                                                                                                   |  |
| Tue                                                                                          | Project, Section- B<br>Library, Section- A |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Cosmetics Science (RP)                       | -<br>Advance Instrumental Techniques (SP)                                                                                       |  |
| Wed                                                                                          | Project, Section- A<br>Library, Section- B |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Biostatistics and Research Methodology (GSP) | Pharmaceutical Marketing (DS)<br>Quality Control and Starndardisation of Herbals (IPP)<br>Advance Instrumental Techniques (SP)  |  |
| Thu                                                                                          | Project, Section- B<br>Library, Section- A |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Cosmetics Science (RP)                       | Pharmaceutical Marketing (DS)<br>Quality Control and Starndardisation of Herbals (BNT)<br>Advance Instrumental Techniques (USM) |  |
| Fri                                                                                          | Project, Section- A<br>Library, Section- B |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Biostatistics and Research Methodology (GSP) | Pharmaceutical Marketing (DS)<br>Quality Control and Starndardisation of Herbals (BNT)                                          |  |
| Sat                                                                                          | Cosmetics Science (RP)                     | Biostatistics and Research Methodology (GSP) | Advance Instrumental Techniques (SP) |                                                    | Project, Section- B<br>Library, Section- A |                                              |                                                                                                                                 |  |
| IPR- Prof. Jyoti Prasad Padhy      GSP- Dr. Gourishyam Pasa      RP- Dr. Rajeshree Panigrahi |                                            |                                              |                                      |                                                    |                                            |                                              |                                                                                                                                 |  |

USM- Prof. Uma Shankar Mishra  
 SP- Mr. Santosh Patanaik

IPP- Prof. Iswori Prasad Padhy  
 BNT- Mr. Bichitrananda Tripathy

GSP- Dr. Gourishyam Pasa  
 HK- Dr. K. Harikrishna

RP- Dr. Rajeshree Panigrahi  
 DS- Mrs. Dimpal Singh

**Theory Class will held at Hall No.- IV and (QCSH- Hall IV, AIT- Hall I (except Saturday), Pharmaceutical Marketing – Hall VI)**  
**Section-A (001-058) Section- B (059-105 and LE students)**

Prof. S. K. Panda

Principal  
**PRINCIPAL**

Royal College of Pharmacy &  
 Health Sciences, Bertampur-2 (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**  
**Time Table for B. Pharm. VIII<sup>th</sup> Semester w.e.f. 17.02.2021**

| Time Table for B. Pharm. VIII <sup>th</sup> Semester w.e.f. 17.02.2021 |                                            |                                              |                                      |                                                    |                                            |                                              |                                                       |
|------------------------------------------------------------------------|--------------------------------------------|----------------------------------------------|--------------------------------------|----------------------------------------------------|--------------------------------------------|----------------------------------------------|-------------------------------------------------------|
| Day                                                                    | 10.00-11.00 Hrs                            | 11.00-12.00 Hrs                              | 12.00-13.00 Hrs                      | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                            | 15.00-16.00 Hrs                              | 16.00-17.00 Hrs                                       |
| Mon                                                                    | Project, Section- A<br>Library, Section- B |                                              |                                      | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Cosmetics Science (RP)                     | Biostatistics and Research Methodology (GSP) | Pharmaceutical Marketing (DS)                         |
| Tue                                                                    | Project, Section- B<br>Library, Section- A |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Cosmetics Science (RP)                       | -                                                     |
| Wed                                                                    | Project, Section- A<br>Library, Section- B |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Biostatistics and Research Methodology (GSP) | Advance Instrumental Techniques (SP)                  |
| Thu                                                                    | Project, Section- B<br>Library, Section- A |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Cosmetics Science (RP)                       | Pharmaceutical Marketing (DS)                         |
|                                                                        |                                            |                                              |                                      |                                                    |                                            |                                              | Quality Control and Starndardisation of Herbals (IPP) |
|                                                                        |                                            |                                              |                                      |                                                    |                                            |                                              | Advance Instrumental Techniques (SP)                  |
| Fri                                                                    | Project, Section- A<br>Library, Section- B |                                              |                                      |                                                    | Social and Preventive Pharmacy (HK)        | Biostatistics and Research Methodology (GSP) | Pharmaceutical Marketing (DS)                         |
| Sat                                                                    | Cosmetics Science (RP)                     | Biostatistics and Research Methodology (GSP) | Advance Instrumental Techniques (SP) |                                                    | Project, Section- B<br>Library, Section- A |                                              |                                                       |
| GSP- Dr. Gourishyam Pasa<br>RP- Dr. Rajeshree Panigrahi                |                                            |                                              |                                      |                                                    |                                            |                                              |                                                       |

USM- Prof. Uma Shankar Mishra

SP- Mr. Santosh Patanaik

**Theory Class will held at Hall No.- IV and**  
**Section-A (001-058) Section- B (059-105 and LE students)**

IPP- Prof. Iswori Prasad Padhy

BNT- Mr. Bichitrnanda Tripathy

GSP- Dr. Gourishyam Pasa

HK- Dr. K. Harikrishna

RP- Dr. Rajeshree Panigrahi

DS- Mrs. Dimpal Singh

(QCSH- Hall IV, AIT- Hall I (except Saturday), Pharmaceutical Marketing – Hall VI)

Prof. S. K. Panda

Principal

PRINCIPAL

Royal College of Pharmacy &  
 Health Sciences, Berhampur-2 (Gm)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**  
**Time Table for M. Pharm. 1<sup>st</sup> Semester (Pharmaceutics and Pharmaceutical Technology) w.e.f. 17.02.2021**

| Time Table for M. Pharm. 1 <sup>st</sup> Semester ( Pharmaceutics and Pharmaceutical Technology) w.e.f. 17.02.2021 |                                                                                                                      |                            |                            |                                                    |                                                                                                                      |                          |                 |
|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------|----------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------|
| Day                                                                                                                | 10.00-11.00 Hrs                                                                                                      | 11.00-12.00 Hrs            | 12.00-13.00 Hrs            | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                                                                                      | 15.00-16.00 Hrs          | 16.00-17.00 Hrs |
| Mon                                                                                                                | Pharmaceutics, Practical, PG Pharmaceutics Lab, (Pharmaceutics and Pharmaceutical Technology) (PNM / AKM)            |                            |                            | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Pharmaceutics, Practical, PG Pharmaceutics Lab, (Pharmaceutics and Pharmaceutical Technology) (PNM / AKM)            |                          |                 |
| Tue                                                                                                                | Modern Pharmaceutics (MSK)                                                                                           | DDS (PNM)                  | MAT (SKS)<br>Hall-IV       |                                                    | DDS (AKM)                                                                                                            | Regulatory Affairs (MSK) | -               |
| Wed                                                                                                                | MAT (USM)                                                                                                            | Regulatory Affairs (SKP)   | Modern Pharmaceutics (MSK) |                                                    | Regulatory Affairs (MSK)                                                                                             | -                        | -               |
| Thu                                                                                                                | MAT (USM)                                                                                                            | Modern Pharmaceutics (MSK) | DDS (AKM)                  |                                                    | Seminar (MSK)                                                                                                        |                          |                 |
| Fri                                                                                                                | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                            |                            |                                                    | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                          |                 |
| Sat                                                                                                                | DDS (AKM)                                                                                                            | Modern Pharmaceutics (MSK) | MAT (USM)                  |                                                    | MAT (SKS)                                                                                                            | -                        | -               |
| SKP- Prof. Susanta Kumar Panda                                                                                     |                                                                                                                      |                            |                            |                                                    |                                                                                                                      |                          |                 |
| USM- Prof. Uma Shankar Mishra                                                                                      |                                                                                                                      |                            |                            |                                                    |                                                                                                                      |                          |                 |

PNM- Prof. P. N. Murthy  
 SKS- Prof. Sudhir Kumar Sahoo  
Theory Class will held at Hall No. – Tutorial Hall – 1

SKP- Prof. Susanta Kumar Panda  
 AKM- Prof. Anjan Kumar Mahapatra

USM- Prof. Uma Shankar Mishra  
 MSK- Dr. Madhusmriti Khandai

MAT class of Saturday will be held at Hall VI- 12.00-1.00 pm and at Hall-IV 2.00-3.00 pm

Prof. S. K. Panda  
 Principal

PRINCIPAL

Royal College of Pharmacy &  
 Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**

**Time Table for M. Pharm. 1<sup>st</sup> Semester ( PA and QA) w.e.f. 17.02.2021**

| Time Table for M. Pharm. 1 <sup>st</sup> Semester ( PA and QA) w.e.f. 17.02.2021                                                                                                                              |                                                                                                                      |                                 |                      |                                                    |                                                                                                                      |                                 |                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------------|-----------------|--|
| Day                                                                                                                                                                                                           | 10.00-11.00 Hrs                                                                                                      | 11.00-12.00 Hrs                 | 12.00-13.00 Hrs      | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                                                                                      | 15.00-16.00 Hrs                 | 16.00-17.00 Hrs |  |
| Mon                                                                                                                                                                                                           | PA and QA, Practical, PG PA and QA Lab, (PA and QA) (SKS)                                                            |                                 |                      | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | PA and QA, Practical, PG PA and QA Lab, (PA and QA) (SKS)                                                            |                                 |                 |  |
| Tue                                                                                                                                                                                                           | Food Analysis (RRS)                                                                                                  | Pharmaceutical Validation (SKP) | MAT (SKS)<br>Hall-IV |                                                    | Pharmaceutical Validation (ABP)                                                                                      | -                               | -               |  |
| Wed                                                                                                                                                                                                           | MAT (USM)                                                                                                            | APA (SKS)                       | Food Analysis (RRS)  |                                                    | APA (SKS)                                                                                                            | Pharmaceutical Validation (ABP) | -               |  |
| Thu                                                                                                                                                                                                           | MAT (USM)                                                                                                            | Pharmaceutical Validation (ABP) | APA (SKS)            |                                                    | Seminar (SKS)                                                                                                        |                                 |                 |  |
| Fri                                                                                                                                                                                                           | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                                 |                      |                                                    | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                                 |                 |  |
| Sat                                                                                                                                                                                                           | -                                                                                                                    | APA (SKS)                       | MAT (USM)            |                                                    | MAT (SKS)                                                                                                            | Food Analysis (RRS)             | -               |  |
| USM- Prof. Uma Shankar Mishra<br>ABP- Mr. Asit Baran Panigrahi<br>Prof. Susanta Kumar Panda<br>SKS- Prof. Sudhir Kumar Sahoo<br>Practicals will be held at Hall VI- 12.00-1.00 pm and at Hall-IV 2.00-3.00 pm |                                                                                                                      |                                 |                      |                                                    |                                                                                                                      |                                 |                 |  |

SKS- Prof. Sudhir Kumar Sahoo

USM- Prof. Uma Shankar Mishra  
ABP- Mr. Asit Baran Panigrahi

Theory Class will held at Hall No. - VII MAT class of Saturday will be held at Hall VI- 12.00-1.00 pm and at Hall-IV 2.00-3.00 pm

Prof. S. K. Panda  
Principal

**PRINCIPAL**

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.**  
**Time Table for M. Pharm. 1<sup>st</sup> Semester ( Pharmacology) w.e.f. 17.02.2021**

| COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760 002.                        |                                                                                                                      |                           |                      |                                                    |                                                                                                                      |                           |                 |
|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|----------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|---------------------------|-----------------|
| Time Table for M. Pharm. 1 <sup>st</sup> Semester ( Pharmacology) w.e.f. 17.02.2021 |                                                                                                                      |                           |                      |                                                    |                                                                                                                      |                           |                 |
| Day                                                                                 | 10.00-11.00 Hrs                                                                                                      | 11.00-12.00 Hrs           | 12.00-13.00 Hrs      | 13.00-14.00 Hrs                                    | 14.00-15.00 Hrs                                                                                                      | 15.00-16.00 Hrs           | 16.00-17.00 Hrs |
| Mon                                                                                 | Pharmacology, Practical, PG Pharmacology Lab, (Pharmacology) (GP)                                                    |                           |                      | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Pharmacology, Practical, PG Pharmacology Lab, (Pharmacology) (GP)                                                    |                           |                 |
| Tue                                                                                 | PTSM (GP)                                                                                                            | CPM (PKC)                 | MAT (SKS)<br>Hall-IV |                                                    | Advance Pharmacology (GP)                                                                                            | -                         | -               |
| Wed                                                                                 | MAT (USM)                                                                                                            | PTSM (GP)                 | CPM (PKC)            |                                                    | Advance Pharmacology (GP)                                                                                            | CPM (PKC)                 | PTSM (GP)       |
| Thu                                                                                 | MAT (USM)                                                                                                            | CPM (PKC)                 | PTSM (GP)            |                                                    | Seminar (GP)                                                                                                         |                           |                 |
| Fri                                                                                 | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                           |                      |                                                    | Modern Analytical Techniques, Practical, PG PA and QA Lab, (Pharmaceutics and Pharmaceutical Technology) (USM / SKS) |                           |                 |
| Sat                                                                                 | -                                                                                                                    | Advance Pharmacology (GP) | - MAT (USM)          |                                                    | MAT (SKS)                                                                                                            | Advance Pharmacology (GP) | -               |
| GP- Dr. Ghanashyam Panigrahi                                                        |                                                                                                                      |                           |                      | GP- Dr. Ghanashyam Panigrahi                       |                                                                                                                      |                           |                 |

**USM- Prof. Uma Shankar Mishra**  
**PKC- Dr. Prasanta Kumar Choudhury**  
Theory Class will held at Hall No. - V

**SKS- Prof. Sudhir Kumar Sahoo**

**GP- Dr. Ghanashyam Panigrahi**

**MAT class of Saturday will be held at Hall VI- 12.00-1.00 pm and at Hall-IV 2.00-3.00 pm**

  
**Prof. S. K. Panda**  
**Principal**  
**PRINCIPAL**

**Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)**

**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERTHAMPUR- 760002**  
**TIME TABLE FOR B.PHARM 7<sup>TH</sup> SEMESTER WEF 16.08.2021**

| DAY                 | 10-11 HRS                                                                                                                                                                                                                              | 11-12 HRS | 12-1.00 HRS | 1-2 HRS | 2.00-3.00 HRS                                                                                                                                                                                                                                                                              | 3.00-4.00 HRS | 4.00-5.00 HRS |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| MON<br>16.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (RRS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (IPP)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- I (SPM) |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- I (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (BNT)                                                                                                           |               |               |
| TUE<br>17.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- I (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (RRS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (BNT)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- IV (GP)   |           |             |         | PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- IV (GP)<br>PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (BNT)                                                      |               |               |
| WED<br>18.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (MSK)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (IPP)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- III (SPM) |           |             |         | PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- I (GP)<br>PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (PKC)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (BNT)                                                        |               |               |
| THU<br>19.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (GSP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (BNT)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- II (GP)  |           |             |         | PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- II (GP)<br>PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (GSP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (IPP)                                                        |               |               |
| SAT<br>21.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (MSK)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (IPP)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- I (SPM) |           |             |         | PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- III (SPM)<br>PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- I (PKC)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (IPP)<br>PHARMACOLOGY, PRACTICAL, LAB-11, BATCH- IV (SPM) |               |               |

IPP- PROF. ISWORI PRASAD PADHY  
 PKC- DR. PRASANT KUMAR CHOUDHURY  
 RP- DR. RAJESHREE PANIGRAHI

SKS- PROF. SUDHIR KUMAR SAHOO  
 GP- DR. GHANASHYAM PANIGRAHI  
 SP- MR. SANTOSH PATNAIK

AKM- PROF. ANJAN KUMAR MAHAPATRA  
 GSP- DR. GOURISHYAM PASA  
 BNT- MR. BICITRANANDA TRIPATHY

RRS- PROF. RASMI RANJAN SARANGI  
 MSK- DR. MADHUSRUTI KHANDAI  
 SPM- MR. SATYAPRIYA MAHAPATRA

12/8/2021  
 PROF. S. K. PANDA  
 PRINCIPAL

Royal College of Pharmacy &  
 Health Sciences Berthampur-2 (Bm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BIRHAMPUR- 760002**  
**TIME TABLE FOR B.PHARM 7<sup>TH</sup> SEMESTER WEF 16.08.2021**

| DAY                 | 10-11 HRS                                                                                                                                                                                                                              | 11-12 HRS | 12-1.00 HRS | 1-2 HRS | 2.00-3.00 HRS                                                                                                                                                                                                                        | 3.00-4.00 HRS | 4.00-5.00 HRS |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------------|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|---------------|
| MON<br>23.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (RRS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- I (SPM)  |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- II (GP)   |               |               |
| TUE<br>24.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- I (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (RRS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- IV (GP)    |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- III (GP)  |               |               |
| WED<br>25.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (MSK)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- III (SPM)  |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- I (PKC)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- IV (GP)  |               |               |
| THU<br>26.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (GSP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- II (GP)   |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (GSP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- I (SPM) |               |               |
| FRI<br>27.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- III (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- IV (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- I (GP)   |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- II (SPM)  |               |               |
| SAT<br>28.08.<br>21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- II (MSK)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- II (SKS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- III (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- IV (SPM) |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (PKC)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (IPP)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- III (SPM) |               |               |
| TUE<br>31.<br>08.21 | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- IV (RP)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- I (RRS)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- II (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- III (GP)    |           |             |         | PHARMACEUTICS, PRACTICAL, LAB-2, BATCH- III (AKM)<br>PHARMACEUTICAL ANALYSIS, PRACTICAL, LAB-9, BATCH- IV (SP)<br>PHARMACOGNOSY, PHYTOCHEM.&HDT, PRACTICAL, LAB-8, BATCH- I (BNT)<br>PHARMAOLOGY, PRACTICAL, LAB-11, BATCH- II (GP)  |               |               |

IPP- PROF. ISWORI PRASAD PADHY  
 PKC- DR. PRASANT KUMAR CHOUDHURY  
 RP- DR. RAJESHREE PANIGRAHI

SKS- PROF. SUDHIR KUMAR SAHOO  
 GP- DR. GHANASHYAM PANIGRAHI  
 SP- MR. SANTOSH PATNAIK

AKM- PROF. ANJAN KUMAR MAHAPATRA  
 GSP- DR. GOURISHYAM PASA  
 BNT- MR. BICHITRANANDA TRIPATHY

RRS- PROF. RASMI RANJAN SARANGI  
 MSK- DR. MADHUSMRUTI KHANDAI  
 SPM- MR. SATYAPRIYA MAHAPATRA

13/8/2021  
 PROF. S. K. PANDA

PRINCIPAL

Royal College of Pharmacy &

Health Sciences, Birhampur- 760002 (G.M.)



| <b>ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR- 760002</b><br><b>TIME TABLE FOR M.PHARM (PHARMACEUTICS AND PHARMACEUTICAL TECHNOLOGY) WEF 16.08.2021</b> |                                       |                                        |                                       |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|----------------------------------------|---------------------------------------|
| DAY                                                                                                                                                                   | 10-11                                 | 11-12                                  | 12-1.00                               |
| MON                                                                                                                                                                   | ADV. BPPK<br>(GSP)                    | Cosmetics and Cosmeceuticals<br>(MSK)  | CADD<br>(PKC)                         |
| TUE                                                                                                                                                                   | Cosmetics and Cosmeceuticals<br>(MSK) | Molecular Pharmaceutics<br>(PNM / AKM) | ADV. BPPK<br>(GSP)                    |
| WED                                                                                                                                                                   | Molecular Pharmaceutics<br>(AKM)      | CADD<br>(PKC)                          | -                                     |
| THU                                                                                                                                                                   | CADD<br>(PKC)                         | Molecular Pharmaceutics<br>(AKM)       | Cosmetics and Cosmeceuticals<br>(MSK) |
| FRI                                                                                                                                                                   | ADV. BPPK<br>(GSP)                    | Cosmetics and Cosmeceuticals<br>(MSK)  | CADD<br>(PKC)                         |
| SAT                                                                                                                                                                   | Molecular Pharmaceutics<br>(AKM)      | ADV. BPPK<br>(GSP)                     | -                                     |

PNM- PROF. P. N. MURTHY  
 PKC- DR. PRASANTA KUMAR CHOUDHURY  
 MSK- DR. MADHUSMRUTI KHANDAI

AKM- PROF. ANJAN KUMAR MAHAPATRA  
 GSP- DR. GOURISHYAM PASA

*Handwritten signature and date: 13/8/2021*  
 PROF. S. K. PANDA  
**PRINCIPAL**  
 Royal College of Pharmacy &  
 Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760002**  
**TIME TABLE FOR M.PHARM (PHARMACEUTICAL ANALYSIS) WEF 16.08.2021**

| DAY | 10-11                                       | 11-12                                       | 12-1.00                                     | 1-2 | 2.00-3.00                             | 3.00-4.00                           | 4.00-5.00                                   |
|-----|---------------------------------------------|---------------------------------------------|---------------------------------------------|-----|---------------------------------------|-------------------------------------|---------------------------------------------|
| MON | Advanced Instrumental Analysis (USM)        | Modern Bioanalytical Techniques (SKS)       | Quality Control and Quality Assurance (SKP) | L   |                                       |                                     |                                             |
|     |                                             |                                             |                                             | U   |                                       |                                     |                                             |
|     |                                             |                                             |                                             | N   |                                       |                                     |                                             |
| TUE | Advanced Instrumental Analysis (USM)        | Modern Bioanalytical Techniques (SKS)       | ---                                         | C   |                                       |                                     |                                             |
|     |                                             |                                             |                                             | H   |                                       |                                     |                                             |
| WED | Advanced Instrumental Analysis (USM)        | ----                                        | ----                                        | B   | Modern Bioanalytical Techniques (SKS) | Herbal and Cosmetics Analysis (RRS) | Quality Control and Quality Assurance (ABP) |
|     |                                             |                                             |                                             | R   |                                       |                                     |                                             |
| THU | Advanced Instrumental Analysis (USM)        | ----                                        | ----                                        | E   | Modern Bioanalytical Techniques (SKS) | Herbal and Cosmetics Analysis (RRS) | -----                                       |
|     |                                             |                                             |                                             | A   |                                       |                                     |                                             |
| FRI | Quality Control and Quality Assurance (ABP) | Herbal and Cosmetics Analysis (RRS)         | ----                                        | K   |                                       |                                     |                                             |
|     |                                             |                                             |                                             |     |                                       |                                     |                                             |
| SAT | Herbal and Cosmetics Analysis (RRS)         | Quality control and Quality Assurance (SKT) |                                             |     |                                       |                                     |                                             |

SKP- PROF. SUSANTA KUMAR PANDA  
 RRS- PROF. RASHMI RANJAN SARANGI

USM- PROF. UMA SHANKAR MISHRA  
 ABP- MR. ASITBARAN PANIGRAHY

SKS- PROF. SUDHIR KUMAR SAHOO  
 SKT- MR. SWAGAT KUMAR TRIPATHY

*Md. Jyoti*  
*12/8/2021*  
**PROF. S. K. PANDA**  
**PRINCIPAL**

**ROYAL COLLEGE OF PHARMACY AND HELATH SCIENCES, BERHAMPUR- 760002**  
**TIME TABLE FOR M.PHARM (PHARMACOLOGY) WEF 16.08.2021**

| DAY | 10-11 | 11-12 | 12-1.00                                      | 1.00-2.00 | 2.00-3.00                                                | 3.00-4.00                                                | 4.00-5.00 |
|-----|-------|-------|----------------------------------------------|-----------|----------------------------------------------------------|----------------------------------------------------------|-----------|
| MON | -     | -     | Advanced Pharmacology (GP)                   | L         | Principles of Drug Discovery (SPM)                       | -                                                        | -         |
| TUE | -     | -     | Clinical Research and Pharmacovigilance (HK) | U         | Principles of Drug Discovery (SPM)                       | -                                                        | -         |
| WED | -     | -     | Advanced Pharmacology (GP)                   | N         | Principles of Drug Discovery (SPM)                       | -                                                        | -         |
| THU | -     | -     | Clinical Research and Pharmacovigilance (HK) | C         | Pharmacological and Toxicological Screening Methods (GP) | -                                                        | -         |
| FRI | -     | -     | Clinical Research and Pharmacovigilance (HK) | H         | Pharmacological AND Toxicological Screening Methods (GP) | -                                                        | -         |
| SAT | -     | -     | Advanced Pharmacology (GP)                   | B         | Clinical Research and Pharmacovigilance (HK)             | Pharmacological and Toxicological Screening Methods (GP) | -         |
|     |       |       |                                              | R         |                                                          |                                                          |           |
|     |       |       |                                              | E         |                                                          |                                                          |           |
|     |       |       |                                              | A         |                                                          |                                                          |           |
|     |       |       |                                              | K         |                                                          |                                                          |           |

GP- DR. GHANASHYAM PANIGRAHI

HK- DR. HARIKRISHNA

SPM- MR. SATYAPRIYA MAHAPATRA

  
**PROF. S. K. PANDA**  
**PRINCIPAL**  
**PRINCIPAL**

Royal College of Pharmacy &  
 Fourth Floor, Berhampur-2 (Orissa)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR- 760002**  
**TIME TABLE FOR B.PHARM 2<sup>ND</sup> SEMESTER WEF 16.08.2021**

| DAY       | 9-10                    | 10-11                | 11-12                             | 12-1.00                                     |
|-----------|-------------------------|----------------------|-----------------------------------|---------------------------------------------|
| MONDAY    | Pathophysiology<br>(HK) | Biochemistry<br>(KA) | Pharmaceutical Org. Chem.<br>(SM) | Computer Applications in<br>Pharmacy (GhSP) |
| TUESDAY   | Pathophysiology<br>(HK) | Biochemistry<br>(KA) | Pharmaceutical Org. Chem.<br>(SM) | Computer Applications in<br>Pharmacy (GhSP) |
| WEDNESDAY | HAP (BSV)               | Biochemistry<br>(KA) | EVS<br>(RRS)                      | Computer Applications in<br>Pharmacy (GhSP) |
| THURSDAY  | Biochemistry<br>(KA)    | HAP<br>(BSV)         | EVS<br>(RRS)                      | Pharmaceutical Org. Chem.<br>(SM)           |
| FRIDAY    | Pathophysiology<br>(HK) | -                    | HAP<br>(BSV)                      | Pharmaceutical Org. Chem.<br>(SM)           |
| SATURDAY  | Pathophysiology<br>(HK) | -                    | HAP<br>(BSV)                      | EVS<br>(RRS)                                |

RRS- PROF. RASHMI RANJAN SARANGI  
KA- MISS. K. ANUSHA  
BSV- MRS. B. SRIVIDYA

SM-MRS. SOUDAMINI MALLICK  
HK- DR. HARIKRISHNA  
GhSP-MR. GOURI SHANKAR PATRA

*12/8/2021*  
**PROF. S. K. PANDA**  
**PRINCIPAL**  
**PRINCIPAL**

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (B.O.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BHERHAMPUR- 760002**  
**TIME TABLE FOR B.PHARM 4<sup>TH</sup> SEMESTER WEF 16.08.2021**

| DAY       | 9-10                           | 10-11                                 | 11-12                                    | 12-1.00                                                        |
|-----------|--------------------------------|---------------------------------------|------------------------------------------|----------------------------------------------------------------|
| MONDAY    | Pharmacology<br>(GP)           | Pharmaceutical Org. Chemistry<br>(SP) | Physical Pharmacy<br>(RP)                | Computer Applications in Pharmacy<br>For LE Students<br>(GhSP) |
| TUESDAY   | Pharmacology<br>(SPM)          | Medicinal Chemistry<br>(AK)           | Phytochemistry<br>(IPP)                  | Computer Applications in Pharmacy<br>For LE Students<br>(GhSP) |
| WEDNESDAY | Pharmacology<br>(GP)           | Physical Pharmacy<br>(RP)             | Medicinal Chemistry<br>(AK)              | Computer Applications in Pharmacy<br>For LE Students<br>(GhSP) |
| THURSDAY  | -                              | Phytochemistry<br>(IPP)               | Pharmaceutical Org.<br>Chemistry<br>(SP) | Pharmacology<br>(SPM)                                          |
| FRIDAY    | Medicinal<br>Chemistry<br>(AK) | Pharmaceutical Org. Chemistry<br>(SP) | Phytochemistry<br>(IPP)                  | Physical Pharmacy<br>(RP)                                      |
| SATURDAY  | -                              | Pharmaceutical Org. Chemistry<br>(SP) | Physical Pharmacy<br>(RP)                | Medicinal Chemistry<br>(AK)                                    |

IPP-PROF. ISWORI PRASAD PADHY  
 RP- DR. RAJESHREE PANIGRAHI  
 SPM- MR. SATYAPRIYA MAHAPATRA

GP- DR. GHANASHYAM PANIGRAHY  
 SP- MR. SANTOSH PATANAIAK AK- MISS. ANNADA KAR  
 GhSP-MR. GOURI SHANKAR PATRA

*13/8/2021*  
**PROF. S. K. PANDA**  
 PRINCIPAL

*Royal College of Pharmacy &  
 Health Sciences, Bherhampur-2 (G.O.)*

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002**  
**TIME TABLE FOR M.PHARM. 1<sup>st</sup> SEMESTER (PHARMACOLOGY) W.E.F. 08.08.2019**

| DAY | 10-11 Hrs                                           | 11-12 Hrs | 12-1Hrs   | 1-2 Hrs | 2-3 Hrs                                             | 3-4 Hrs   | 4-5 Hrs |
|-----|-----------------------------------------------------|-----------|-----------|---------|-----------------------------------------------------|-----------|---------|
| Mon | PG Pharmacology, (MAT) Practical, Lab-PG Lab. (USM) |           |           | L       | PG Pharmacology, (MAT) Practical, Lab-PG Lab. (USM) |           |         |
| Tue | MAT (USM)                                           | PST (GP)  | CMP (PKC) | U       |                                                     |           |         |
| Wed | MAT (USM)                                           | AP (GP)   | Library   | N       | AP (GP)                                             | Library   | Library |
| Thu | PST (GP)                                            | AP (GP)   | Library   | C       | PG Pharmacology, Practical, Lab-PG Lab. (GP)        |           |         |
| Fri | MAT (USM)                                           | CMP (PKC) | AP (GP)   | H       | PG Pharmacology, Practical, Lab-PG Lab. (GP)        |           |         |
| Sat |                                                     |           |           | B       | PST (GP)                                            | CMP (PKC) | Library |
|     |                                                     |           |           | R       | Seminar / Assignment (AKM)                          |           |         |
|     |                                                     |           |           | E       |                                                     |           |         |
|     |                                                     |           |           | A       |                                                     |           |         |
|     |                                                     |           |           | K       |                                                     |           |         |
|     | MAT (USM)                                           | CMP (PKC) | PST (GP)  |         |                                                     |           |         |

USM- Prof. Uma Shankar Mishra

PKC- Dr. Prasanta Kumar Choudhury

AKM- Prof. Anjan Kumar Mahapatra

GP- Dr. Ghanashyam Panigrahi

ALL THE THEORY CLASSES WILL BE HELD IN HALLNO.- VII

Prof. S. K. Panda  
Principal

Principal  
 Royal College of Pharmacy &  
 Health Sciences, Berhampur-2 (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002**  
**TIME TABLE FOR M.PHARM. 1<sup>st</sup> SEMESTER (PHARMACEUTICAL ANALYSIS) W.E.F. 08.08.2019**

| DAY | 10-11 Hrs                                                      | 11-12 Hrs           | 12-1Hrs             | 1-2 Hrs | 2-3 Hrs                                                        | 3-4 Hrs             | 4-5 Hrs  |
|-----|----------------------------------------------------------------|---------------------|---------------------|---------|----------------------------------------------------------------|---------------------|----------|
| Mon | PG Pharmaceutical Analysis, (MAT) Practical, Lab-PG Lab. (USM) |                     |                     | L       | PG Pharmaceutical Analysis, (MAT) Practical, Lab-PG Lab. (USM) |                     |          |
| Tue | MAT (USM)                                                      | PV (SKP)            | Food Analysis (RRS) | U       | APA (SKS)                                                      | Food Analysis (RRS) | Library  |
| Wed | MAT (USM)                                                      | APA (SKS)           | Food Analysis (RRS) | N       | PG Pharmaceutical Analysis, Practical, Lab-PG Lab. (RRS)       |                     |          |
| Thu | APA (SKS)                                                      | PV (ABP)            | Library             | C       | PG Pharmaceutical Analysis, Practical, Lab-PG Lab. (RRS)       |                     |          |
| Fri | MAT (USM)                                                      | Food Analysis (RRS) | Library             | H       | APA (SKS)                                                      | PV (ABP)            | Library. |
| Sat | MAT (USM)                                                      | PV (ABP)            | Library             | B       | Seminar/ Assignment (AKM)                                      |                     |          |
|     |                                                                |                     |                     | R       |                                                                |                     |          |
|     |                                                                |                     |                     | E       |                                                                |                     |          |
|     |                                                                |                     |                     | A       |                                                                |                     |          |
|     |                                                                |                     |                     | K       |                                                                |                     |          |

USM- Prof. Uma Shankar Mishra

AKM- Prof. Anjan Kumar Mahapatra

SKP- Prof. Susanta Kumar Panda

RRS- Prof. Rashmi Ranjan Sarangi

SKS- Prof. Sudhir Kumar Sahoo

ABP- Mr. Asit Baran Panigrahy

ALL THE THEORY CLASSES WILL BE HELD IN HALL NO.-Tutorial Hall

  
Prof. S. K. Panda

Principal  
PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002**  
**TIME TABLE FOR M.PHARM. 1<sup>st</sup> SEMESTER (PHARMACEUTICS) W.E.F. 08.08.2019**

| DAY | 10-11 Hrs                                           | 11-12 Hrs     | 12-1Hrs                    | 1-2 Hrs | 2-3 Hrs                                             | 3-4 Hrs  | 4-5 Hrs |
|-----|-----------------------------------------------------|---------------|----------------------------|---------|-----------------------------------------------------|----------|---------|
| Mon | PG Pharmaceutics, (MAT)Practical, Lab-PG Lab. (USM) |               |                            | L       | PG Pharmaceutics, (MAT)Practical, Lab-PG Lab. (USM) |          |         |
|     |                                                     |               |                            | U       |                                                     |          |         |
| Tue | MAT (USM)                                           | DDS (PNM/AKA) | Modern Pharmaceutics (GSP) | N       |                                                     |          |         |
|     |                                                     |               |                            | C       |                                                     |          |         |
| Wed | MAT (USM)                                           | RA (TKN)      | Lib.                       | H       |                                                     |          |         |
| Thu | DDS (AKA)                                           | RA (TKN)      | Modern Pharmaceutics (MSK) | B       | Library                                             |          |         |
|     |                                                     |               |                            | R       | PG Pharmaceutics, Practical, Lab-PG Lab. (PNM/AKM)  |          |         |
| Fri | MAT (USM)                                           | RA (SKP)      | DDS (AKM)                  | E       | PG Pharmaceutics, Practical, Lab-PG Lab. (PNM/AKM)  |          |         |
| Sat | MAT (USM)                                           | DDS (AKM)     | Modern Pharmaceutics (MSK) | A       | Modern Pharmaceutics (GSP)                          | RA (TKN) | Lib.    |
|     |                                                     |               |                            | K       | Seminar / Assignment (AKM)                          |          |         |

PNM- Prof. P. N. Murthy

AKM- Prof. Anjan Kumar Mahapatara

MSK- Dr.- Madhusmruti Khandai

ALL THE THEORY CLASSES WILL BE HELD IN HALLNO.-III

USM- Prof. Uma Shankar Mishra

AKA- Prof. Ajit Kumar Acharya

TKN- Mr. Tapan Kumar Nayak

SKP- Prof. Susanta Kumar Panda

GSP- Dr. Gourishyam Pasa

Prof. S. K. Panda

Principal

**PRINCIPAL**

Royal College of Pharmacy &  
Health Sciences Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BIRUAMPUR-760002**  
**TIME TABLE FOR B.PHARM. 1<sup>st</sup> SEMESTER W.E.F. 13.08.2019**

| ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002    |                                                                     |                          |                          |                          |         |                                                    |                                                   |         |
|--------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------|--------------------------|--------------------------|---------|----------------------------------------------------|---------------------------------------------------|---------|
| TIME TABLE FOR B.PHARM. 1 <sup>st</sup> SEMESTER W.E.F. 13.08.2019 |                                                                     |                          |                          |                          |         |                                                    |                                                   |         |
| Day                                                                | 09-10 Hrs                                                           | 10-11 Hrs                | 11-12 Hrs                | 12-1Hrs                  | 1-2 Hrs | 2-3 Hrs                                            | 3-4 Hrs                                           | 4-5 Hrs |
| Mon                                                                | Communication Skills (PM)                                           | HAP (PK)                 | Pharm. Chemistry-I (RRS) | Pharmaceutics (TKN)      | L       | HAP, Practical, Batch-I, Lab-10, (PK)              |                                                   |         |
| Tue                                                                | Communication Skills (PM)                                           | Pharm. Analysis-I (PP)   | Pharmaceutics (TKN)      | Pharm. Chemistry-I (ABP) | U       | Pharm.Chemistry, Practical, Batch-II, Lab-7,(RRS)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          | N       | Pharm. Analysis, practical, Batch-III, Lab-9, (PP) |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          | C       | Pharmaceutics, Practical, Batch-IV, Lab-6, (TKN)   |                                                   |         |
| Wed                                                                | Communication Skills, Practical, Batch I and II (PM)                | Pharm. Chemistry-I (ABP) | HAP (PK)                 | Remedial Biology (RP)    | H       | HAP, Practical, Batch-II, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          | B       | Pharm.Chemistry, Practical, Batch-III, Lab-7,(ABP) |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          | R       | Pharm. Analysis, practical, Batch-IV, Lab-9, (SP)  |                                                   |         |
| Thu                                                                | Communication Skills, Practical, Batch III, IV and LE students (PM) | HAP (PK)                 | Pharm. Analysis-I (PP)   | Remedial Maths (GSP)     | E       | Pharmaceutics, Practical, Batch-I, Lab-6, (TKN)    |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          | A       | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
| Fri                                                                | -                                                                   | Pharm. Chemistry-I (ABP) | Pharmaceutics (TKN)      | Pharm. Analysis-I (SP)   | K       | -                                                  | Pharm. Analysis, practical, Batch-II, Lab-9, (PP) |         |
|                                                                    |                                                                     |                          |                          |                          |         |                                                    | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN) |         |
| Sat                                                                | -                                                                   | Pharm. Analysis-I (SP)   | HAP (PK)                 | Pharmaceutics (TKN)      |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
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|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
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|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
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|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
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|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-II, Lab-6, (TKN)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-IV, Lab-10, (PK)             |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-I, Lab-7,(ABP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-II, Lab-9, (SP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharmaceutics, Practical, Batch-III, Lab-6, (TKN)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | HAP, Practical, Batch-III, Lab-10, (PK)            |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm.Chemistry, Practical, Batch-IV, Lab-7,(ABP)  |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         | Pharm. Analysis, practical, Batch-I, Lab-9, (PP)   |                                                   |         |
|                                                                    |                                                                     |                          |                          |                          |         |                                                    |                                                   |         |

RRS- Prof. Rashmi Ranjan Sarangi  
 TKN- Mr. Tapan Kumar Nayak  
 PM- Dr. Pinaki Mohanty

GSP- Dr. Gourishyam Pasa  
 SP- Mr. Santosh Patnaik

RP-Dr. Rajeshree Panigrahi  
 ABP- Mr. Asit Baran Panigrahy

PK- Miss.Padmini Kanhar  
 PP- Mrs. Priyadarshini Parida

Prof. S. K. Panda  
 Principal

**PRINCIPAL**

**Royal College of Pharmacy &  
 Health Sciences Biruampur-2 (Gm.)**

ALL THE THEORY CLASSES WILL BE HELD IN **HALLNO-VI**  
 Batch-I:1803254001-026; Batch-II: 1803254027-052, Batch-III: 1803254053-078,  
 Batch IV: 1803254079-105



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERTHAMPUR-760002**  
**TIME TABLE FOR B.PHARM. 3<sup>rd</sup> SEMESTER W.E.F. 08.08.2019**

| DAY | 10-11 Hrs                                                                                                                                                                                                                                       | 11-12 Hrs | 12-1 Hrs | 1-2 Hrs | 2-3 Hrs                           | 3-4 Hrs                                                                    | 4-5 Hrs                           |
|-----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|----------|---------|-----------------------------------|----------------------------------------------------------------------------|-----------------------------------|
| Mon | Physical Pharmaceutics, Practical, Batch-I, Lab-6, (MSK)<br>Basic Engineering, Practical, Batch-II, Lab-2, (RP)<br>Pharmaceutical Chemistry, Practical, Batch-IV, Lab-5, (ABP)<br>Library, Batch-III                                            |           |          | L<br>U  | Pharmaceutical Microbiology (IPP) | Physical Pharmaceutics-I (MSK)                                             | Basic Engineering (RP)            |
| Tue | Physical Pharmaceutics, Practical, Batch-II, Lab-6, (MSK)<br>Basic Engineering, Practical, Batch-IV, Lab-2, (RP)<br>Pharmaceutical Chemistry, Practical, Batch-I, Lab-5, (AK)<br>Pharmaceutical Microbiology, Practical, Batch-III, Lab-4 (IPP) |           |          | N<br>C  | Basic Engineering (RP)            | Pharmaceutical chemistry-II (AK)                                           | Physical Pharmaceutics-I (MSK)    |
| Wed | Physical Pharmaceutics, Practical, Batch-III, Lab-6, (MSK)<br>Pharmaceutical Chemistry, Practical, Batch-II, Lab-5, (AK)<br>Pharmaceutical Microbiology, Practical, Batch-I, Lab-4 (IPP)<br>Library, Batch-IV                                   |           |          | H<br>B  | Physical Pharmaceutics-I (MSK)    | Pharmaceutical Microbiology (IPP)                                          | Pharmaceutical chemistry-II (AK)  |
| Thu | Pharmaceutical Chemistry, Practical, Batch-III, Lab-5, (AK)<br>Pharmaceutical Microbiology, Practical, Batch-II, Lab-4 (IPP)<br>Library, Batch-I and IV                                                                                         |           |          | R<br>E  | Physical Pharmaceutics-I (MSK)    | Basic Engineering (RP)                                                     | Pharmaceutical Microbiology (IPP) |
| Fri | Physical Pharmaceutics, Practical, Batch-IV, Lab-6, (MSK)<br>Basic Engineering, Practical, Batch-III, Lab-2, (RP)<br>Library, Batch-I and II                                                                                                    |           |          | A<br>K  | Pharmaceutical chemistry-II (AK)  | Remedial Biology (RP), Practical, Lab-8<br>For lateral entry students only |                                   |
| Sat | Basic Engineering, Practical, Batch-I, Lab-2, (RP)<br>Pharmaceutical Microbiology, Practical, Batch-IV, Lab-4 (IPP)<br>Library, Batch-III and II                                                                                                |           |          |         | Basic Engineering (RP)            | Pharmaceutical chemistry-II (ABP)                                          | Pharmaceutical Microbiology (IPP) |

IPP- Prof. Iswori Prasad Padhy MSK- Dr. Madhusmriti Khandai RP-Dr. Rajeshree Panigrahi ABP- Mr. Asit Baran Panigrahy

AK- Ms. Anannda Kar

ALL THE THEORY CLASSES WILL BE HELD IN **HALLNO.-VI**

Batch-I:1803254001-030; Batch-II: 1803254031-058, Batch-III: 1803254059-088,

Batch IV: 1803254089-105 & LE Students (1923254001-011)

  
**Prof. S. K. Panda**  
**Principal**

Principal  
 Royal College of Pharmacy &  
 Health Sciences, Berhampur-2 (Or.)

| DAY | 10-11 Hrs                                | 11-12 Hrs                              | 12-1 Hrs                                 | 1-2 Hrs | 2-3 Hrs                                                                                                                                                                                                     | 3-4 Hrs | 4-5 Hrs |
|-----|------------------------------------------|----------------------------------------|------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------|---------|
| Mon | Pharmacognosy and Phytochemistry-I (BNT) | Pharmacology-I (KKS)                   | Industrial Pharmacy (AKA)                | L       | Industrial Pharmacy, Practical, Batch-I, Lab-2, (AKA/AS)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-II, Lab-8, (BNT)<br>Pharmacology, Practical, Batch-III, Lab-1, (KKS)<br>Library, Batch-IV  |         |         |
| Tue | Medicinal Chemistry-II (SKS)             | Pharmacognosy and Phytochemistry (BNT) | Pharmacology-I (KKS)                     | U       |                                                                                                                                                                                                             |         |         |
|     |                                          |                                        |                                          | N       | Industrial Pharmacy, Practical, Batch-II, Lab-2, (AKA/AS)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-III, Lab-8, (BNT)<br>Pharmacology, Practical, Batch-IV, Lab-11, (KKS)<br>Library, Batch-I |         |         |
| Wed | Pharmacology-I (KKS)                     | Industrial Pharmacy (AKA)              | Pharmaceutical Jurisprudence (AKM)       | C       |                                                                                                                                                                                                             |         |         |
|     |                                          |                                        |                                          | H       | Industrial Pharmacy, Practical, Batch-III, Lab-2, (AKA)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-IV, Lab-8, (BNT)<br>Pharmacology, Practical, Batch-I, Lab-11, (KKS)<br>Library, Batch-II    |         |         |
| Thu | Medicinal Chemistry-II (RRS)             | Pharmaceutical Jurisprudence (SKP)     | Pharmacognosy and Phytochemistry-I (BNT) | B       |                                                                                                                                                                                                             |         |         |
|     |                                          |                                        |                                          | R       | Industrial Pharmacy, Practical, Batch-IV, Lab-2, (AKA/AS)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-I, Lab-8, (BNT)<br>Pharmacology, Practical, Batch-II, Lab-11, (KKS)<br>Library, Batch-III |         |         |
| Fri | Pharmacology-I (KKS)                     | Medicinal Chemistry-II (SKS)           | Industrial Pharmacy (AKA)                | E       |                                                                                                                                                                                                             |         |         |
|     |                                          |                                        |                                          | A       | Pharmaceutical Jurisprudence (AKM)<br>Pharmacognosy and Phytochemistry-I (BNT)<br>Medicinal Chemistry-II (RRS)                                                                                              |         |         |
| Sat | Industrial Pharmacy (AKA)                | Pharmaceutical Jurisprudence (SKP)     | Library                                  | K       |                                                                                                                                                                                                             |         |         |
|     |                                          |                                        |                                          |         | GPAT (SKS/GSP/AK)                                                                                                                                                                                           |         |         |

SKP- Prof.Susanta Kumar Panda

AKA-Prof. Ajit Kumar Acharaya

BNT- Mr. Bichitrananda Tripathy

ALL THE THEORY CLASSES WILL BE HELD IN HALLNO.-II

Batch-I:1703254001-030; Batch-II: 1703254031-058, Batch-III: 1703254059-088,

Batch IV: 1703254089-105 & LE Students (1823254001-011)

SKS-Prof. Sudhir Kumar Sahoo

RRS-Prof. Rashmi Ranjan Sarangi

KKS-Miss. Kiran Kumari Sahu

AKM- Prof. Anjan Kumar Mahapatra

GSP-Dr. Gourishyam Pasa

AS-Mr.Asish Sahu

AK- Ms. Anannda Kar

Prof. S. K. Panda

Principal

PRINCIPAL

Royal College of Pharmacy &

Health Sciences, Berhampur-760002

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCE, BERHAMPUR-760002**  
**TIME TABLE FOR B.PHARM. 7<sup>th</sup> SEMESTER W.E.F. 08.08.2019**

| DAY | 10-11 Hrs                                                                                                                    | 11-12 Hrs              | 12-1Hrs                          | 1-2 Hrs          | 2-3 Hrs                                     | 3-4 Hrs                                     | 4-5 Hrs                                     |
|-----|------------------------------------------------------------------------------------------------------------------------------|------------------------|----------------------------------|------------------|---------------------------------------------|---------------------------------------------|---------------------------------------------|
| Mon | Pharmaceutical Analysis-III, Practical, Batch-I, Lab-9, (SP)<br>Project, Batch-II                                            |                        |                                  | L                | Biopharmaceutics and Pharmacokinetics (PKC) | Research Methodology (SKS)                  | Phytochemistry (GHP)                        |
| Tue | Pharmaceutical Analysis-III, Practical, Batch-II, Lab-9, (SP)<br>Project, Batch-I                                            |                        |                                  | U                | Phytochemistry (GHP)                        | Biopharmaceutics and Pharmacokinetics (PKC) | Pharmacology-III (GP)                       |
| Wed | Biopharmaceutics and Pharmacokinetics, Practical, Batch-I, Lab-2, (PKC)<br>Phytochemistry, Practical, Batch-II, Lab-8, (GHP) |                        |                                  | N                | Pharmaceutical Analysis-III (SP)            | Research Methodology (SKS)                  | Biopharmaceutics and Pharmacokinetics (PKC) |
| Thu | Biopharmaceutics and Pharmacokinetics, Practical, Batch-II, Lab-2, (PKC)<br>Project, Batch-I                                 |                        |                                  | H                | Research Methodology (SKS)                  | Phytochemistry (GHP)                        | Cosmetic Technology (MSK)                   |
| Fri | Phytochemistry, Practical, Batch-I, Lab-8, (GHP)<br>Project, Batch-II                                                        |                        |                                  | B                | Cosmetic Technology (MSK)                   | Pharmaceutical Analysis-III (SP)            | Pharmacology-III (KKS)                      |
| Sat | Cosmetic Technology (MSK)                                                                                                    | Pharmacology-III (KKS) | Pharmaceutical Analysis-III (SP) | R<br>E<br>A<br>K | GPAT (SKS/GSP/ AK)                          |                                             |                                             |

USM- Prof. Uma Shankar Mishra  
 GP-Dr. Ghanashyam Panigrahi  
 GHP- Mr. Gourahari Panda

SKS-Prof. Sudhir Kumar Sahoo  
 GSP- Dr. Gourishyam Pasa  
 SP-Mr. Santosh Patnaik

PKC-Dr. Prasant Kumar Choudhury  
 MSK- Dr. Madhusmriti Khandai  
 KKS-Miss. Kiran Kumari Sahu

ALL THE THEORY CLASSES WILL BE HELD IN HALLNO.-IV  
 Batch-I:1603254001-034; Batch-II: 1603254035-062, LE Students (1723254001-007)

Prof. S. K. Panda  
 Principal

**PRINCIPAL**  
 Royal College of Pharmacy &  
 Health Sciences Berhampur-2 (Gm.)



**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR – 760 002**  
**TIME TABLE FOR B. PHARM.8<sup>th</sup> SEMESTER; W.E.F. 02.01.2020**

| DAY       | 10 – 11 hrs                                   | 11 – 12 hrs                                   | 12 – 1 hrs                                    | 1 – 2 hrs                                          | 2 – 3 hrs                            | 3 – 4 hrs | 4 – 5hrs |
|-----------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|----------------------------------------------------|--------------------------------------|-----------|----------|
| Monday    | Quality Assurance and GMP (ABP)               | Pharmaceutical Management (DS)                | Herbal Drug Technology (GHP)                  | L<br>U<br>N<br>C<br>H<br><br>B<br>R<br>E<br>A<br>K | Project Batch-I<br>Library, Batch-II |           |          |
| Tuesday   | Quality Assurance and GMP (ABP)               | Clinical Pharmacy and Pharmacovigilance (TKN) | Library                                       |                                                    | Project Batch-II<br>Library, Batch-I |           |          |
| Wednesday | Herbal Drug Technology (GHP)                  | Pharmaceutical Management (DS)                | Pharmaceutics-IV (RP)                         |                                                    | Project Batch-I<br>Library, Batch-II |           |          |
| Thursday  | Herbal Drug Technology (GHP)                  | Pharmaceutics-IV (TKN)                        | Library                                       |                                                    | Project Batch-II<br>Library, Batch-I |           |          |
| Friday    | Pharmaceutics-IV (RP)                         | Pharmaceutical Management (DS)                | Clinical Pharmacy and Pharmacovigilance (TKN) |                                                    | GPAT (SKS)                           |           |          |
| Saturday  | Clinical Pharmacy and Pharmacovigilance (TKN) | Quality Assurance and GMP (ABP)               | Library                                       |                                                    | Project Batch-I and Batch-II         |           |          |

SKS- Prof. Sudhir Kumar Sahoo

TKN- Mr. Tapan Kumar Nayak

ALL THE THEORY CLASSES WILL BE HELD IN **HALL NO – I**

Batch-I: 1603254001-035; Batch-II: 1603254036-062; LE students

RP-Dr.( Mrs.) Rajeshree Panigrahi

ABP- Mr. Asit Baran Panigrahi

GHP- Mr. Gourahari Panda

DS- Mrs. Dimpal Singh

*31/12/19*  
Prof. S. K. Panda

Principal  
**PRINCIPAL**

**Royal College of Pharmacy &  
Health Sciences Berhampur-2 (Gm.)**

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR – 760 002**  
**TIME TABLE FOR B. PHARM.6<sup>th</sup> SEMESTER W.E.F. 02.01.2020**

| DAY  | 10 – 11 hrs                                                                                                                                                                                    | 11 – 12 hrs | 12 – 1 hrs                   | 1-2hrs                                         | 2 – 3 hrs                          | 3 – 4 hrs           | 4 – 5hrs                           |
|------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|------------------------------------------------|------------------------------------|---------------------|------------------------------------|
| Mon  | Herbal Drug Technology, Practical, Batch-I, Lab.8, (BNT)<br>Medicinal Chemistry, Practical, Batch-II, Lab-9, (AK)<br>Pharmacology-II, Practical, Batch-III, Lab.11, (KKS)<br>Library, Batch-IV |             |                              | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | BPPK (PKC)                         | HDT (BNT)           | Med. Chem.-III (AK)                |
| Tues | Herbal Drug Technology, Practical, Batch-II, Lab.8, (BNT)<br>Medicinal Chemistry, Practical, Batch-III, Lab-9, (AK)<br>Pharmacology-II, Practical, Batch-IV, Lab.11, (KKS)<br>Library, Batch-I |             |                              |                                                | Med. Chem.-III (AK)                | BPPK (PKC)          | Pharmacology-III (KKS)             |
| Wed  | Herbal Drug Technology, Practical, Batch-III, Lab.8, (BNT)<br>Medicinal Chemistry, Practical, Batch-IV, Lab-9, (AK)<br>Pharmacology-II, Practical, Batch-I, Lab.11, (KKS)<br>Library, Batch-II |             |                              |                                                | HDT (BNT)                          | BPPK (PKC)          | Pharmacology-III (KKS)             |
| Thu  | Herbal Drug Technology, Practical, Batch-IV, Lab.8, (BNT)<br>Medicinal Chemistry, Practical, Batch-I, Lab-9, (AK)<br>Pharmacology-II, Practical, Batch-II, Lab.11, (KKS)<br>Library, Batch-III |             |                              |                                                | Pharmacology-III (KKS)             | Med. Chem.-III (AK) | HDT (BNT)                          |
| Fri  | Pharmaceutical Biotechnology (IPP)                                                                                                                                                             | QA (SKP)    | Medicinal Chemistry-III (AK) |                                                | Pharmacology-III (KKS)             | QA (SP)             | Pharmaceutical Biotechnology (IPP) |
| Sat  | Pharmaceutical Biotechnology (IPP)                                                                                                                                                             | QA (SKP)    | HDT (BNT)                    |                                                | Pharmaceutical Biotechnology (IPP) | BPPK (PKC)          | QA (SP)                            |

SKP- Prof. Susanta Kumar Panda

SP- Mr. Santosh Patanaik

ALL THE THEORY CLASSES WILL BE HELD IN HALL NO – IV

Batch-I: 173254001-030; Batch-II: 1703254031-058; Batch-III: 1703254059-088;

Batch-IV: 1703254089-105 /LE students

IPP- Prof. Iswori Prasad Padhy

BNT- Mr. Bichitra Nanda Tripathy

PKC- Dr. Prasanta Kumar Choudhury

KKS- Miss. Kiran Kumari Sahu

AK- Miss. Annada Kar

Prof. S. K. Panda

Principal

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR – 760 002**  
**TIME TABLE FOR B. PHARM.4<sup>th</sup> SEMESTER W.E.F. 02.01.2020**

| DAY                                               | 9-10 hrs                                        | 10 – 11 hrs                                    |                                    | 11 – 12 hrs                              | 12 – 1 hrs                               | 1-2 hrs                                        | 2 – 3 hrs                                                                                                                                                                                                                                          | 3 – 4 hrs                   | 4 – 5hrs |
|---------------------------------------------------|-------------------------------------------------|------------------------------------------------|------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|----------|
| Mon                                               | -                                               | Physical Pharmacy-II (RP)                      |                                    | Pharmacognosy and Phytochemistry-I (IPP) | Pharmacology-I (DM)                      | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Medicinal Chemistry-I, Practical, Batch-I, Lab-5 (SKB)<br>Physical Pharmacy-II, Practical Batch-II, Lab-6 (RP)<br>Pharmacology-I, Practical, Batch-III, Lab-11 (DM)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-IV, Lab-8 (IPP)        |                             |          |
| Tues                                              | Computer Appl <sup>n</sup> .(T) for LE students | Medicinal Chemistry-I (RRS)                    |                                    | Physical Pharmacy-II (RP)                | Pharmacognosy and Phytochemistry-I (IPP) |                                                | Medicinal Chemistry-I, Practical, Batch-II, Lab-5 (RRS)<br>Physical Pharmacy-II, Practical Batch-III, Lab-6 (RP/PK)<br>Pharmacology-I, Practical, Batch-IV, Lab-11 (DM)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-I, Lab-8 (IPP/GHP) |                             |          |
| Wed                                               | Computer Appl <sup>n</sup> .(T) for LE students | Pharmacognosy and Phytochemistry-I (IPP)       |                                    | Medicinal Chemistry-I (SKB)              | Pharmacology-I (DM)                      |                                                | Medicinal Chemistry-I, Practical, Batch-III, Lab-5 (SKB)<br>Physical Pharmacy-II, Practical Batch-IV, Lab-6 (RP)<br>Pharmacology-I, Practical, Batch-I, Lab-11 (DM)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-II, Lab-8 (GHP)        |                             |          |
| Thu                                               | Computer Appl <sup>n</sup> .(T) for LE students | Computer Application Practical for LE Students |                                    |                                          | Pharmacognosy and Phytochemistry-I (IPP) |                                                | Medicinal Chemistry-I, Practical, Batch-IV, Lab-5 (RRS)<br>Physical Pharmacy-II, Practical Batch-I, Lab-6 (RP/PK)<br>Pharmacology-I, Practical, Batch-II, Lab-11 (DM)<br>Pharmacognosy and Phytochemistry-I, Practical, Batch-III, Lab-8 (IPP)     |                             |          |
|                                                   |                                                 | Library for rest students                      |                                    |                                          |                                          |                                                |                                                                                                                                                                                                                                                    |                             |          |
| Fri                                               | -                                               | Medicinal Chemistry-I (SKB)                    | Pharm. Organic Chemistry-III (ABP) | Library                                  |                                          | Pharm. Organic Chemistry-III (AK)              | Pharmacology-I (DM)                                                                                                                                                                                                                                | Physical Pharmacy-II (RP)   |          |
| Sat                                               | -                                               | Pharm. Organic Chemistry-III (AK)              | Pharmacology-I (DM)                | Library                                  |                                          | Physical Pharmacy-II (RP)                      | Pharm. Organic Chemistry-III (AK)                                                                                                                                                                                                                  | Medicinal Chemistry-I (SKB) |          |
| GHP- Ms. Gourabari Panda PK- Miss. Padmini Kanhar |                                                 |                                                |                                    |                                          |                                          |                                                |                                                                                                                                                                                                                                                    |                             |          |

IPP- Prof. Iswori Prasad Padhy

SP- Mr. Santosh Patanaik

ALL THE THEORY CLASSES WILL BE HELD IN **HALL NO – II**  
 Batch-I: 183254001-030; Batch-II: 1803254031-058; Batch-III: 1803254059-088;  
 Batch-IV: 1803254089-105 /LE students

RRS- Prof. Rashmi Ranjan Sarangi  
 ABP- Mr. Asit Baran Panigrahi

RP- Dr. Rajeshree Panigrahi  
 AK- Miss. Annada Kar

GHP- Mr. Gourahari Panda  
 SKB- Mr. Saroj Kanta Bisoyi

PK- Miss. Padmini Kanhar  
 DM- Mr. Debasis Mohanty

  
 Prof. S. K. Panda  
 Principal

Principal  
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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERNHAMPUR – 760 002**  
**TIME TABLE FOR B. PHARM.2<sup>nd</sup> SEMESTER W.E.F. 02.01.2020**

| DAY  | 9-10 hrs                                                         | 10 – 11 hrs                                                                                                                                                 | 11 – 12 hrs          | 12 – 1 hrs           | 1-2hrs                                         | 2 – 3 hrs                        | 3 – 4 hrs                        | 4 – 5hrs                      |
|------|------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------|----------------------|------------------------------------------------|----------------------------------|----------------------------------|-------------------------------|
| Mon  | -                                                                | HAP, Practical, Batch-I, Lab-10, (AS)<br>Pharm. Organic Chemistry, Practical, Batch-II, Lab-5, (SM/SP)<br>Biochemistry, Practical, Batch-III, Lab-7 (KA)    |                      |                      | L<br>U<br>N<br>C<br>H<br>B<br>R<br>E<br>A<br>K | Pathophysiology (HK)             | Pharm. Organic Chemistry (SM/SP) | HAP (AS)                      |
|      |                                                                  | Computer Applications, Practical, Batch-IV (JC)                                                                                                             | Library              |                      |                                                |                                  |                                  |                               |
| Tues | Computer Appl <sup>n</sup> .(T)<br>For All Batches & LE students | HAP, Practical, Batch-II, Lab-10, (AS)<br>Pharm. Organic Chemistry, Practical, Batch-III, Lab-5, (SM/SP)<br>Biochemistry, Practical, Batch-IV, Lab-7 (KA)   |                      |                      |                                                | Pharm. Organic Chemistry (SM/SP) | EVS (PP)                         | Biochemistry (KA)             |
|      |                                                                  | Computer Applications, Practical, Batch-I (JC)                                                                                                              | Library              |                      |                                                |                                  |                                  |                               |
| Wed  | Computer Appl <sup>n</sup> .(T)<br>For All Batches & LE students | HAP, Practical, Batch-III, Lab-10, (AS/HK)<br>Pharm. Organic Chemistry, Practical, Batch-IV, Lab-5, (SP/SM)<br>Biochemistry, Practical, Batch-I, Lab-7 (PP) |                      |                      |                                                | Biochemistry (KA)                | HAP (AS)                         | Pharm. Organic Chemistry (SP) |
|      |                                                                  | Computer Applications, Practical, Batch-II (JC) & LE Students of 4 <sup>th</sup> Semester                                                                   |                      | Library              |                                                |                                  |                                  |                               |
| Thu  | Computer Appl <sup>n</sup> .(T)<br>For All Batches & LE students | HAP, Practical, Batch-IV, Lab-10, (AS)<br>Pharm. Organic Chemistry, Practical, Batch-I, Lab-5, (SP/SM)<br>Biochemistry, Practical, Batch-II, Lab-7 (KA)     |                      |                      |                                                | Pharm. Organic Chemistry (SP)    | EVS (PP)                         | Biochemistry (KA)             |
|      |                                                                  | Computer Applications, Practical, Batch-III (JC)                                                                                                            |                      | Library              |                                                |                                  |                                  |                               |
| Fri  | -                                                                | Biochemistry (KA)                                                                                                                                           | HAP (AS)             | Pathophysiology (HK) |                                                | EVS (PP)                         | Pathophysiology (HK)             | Library                       |
| Sat  | -                                                                | HAP (AS)                                                                                                                                                    | Pathophysiology (HK) | Library              |                                                | Library                          |                                  |                               |

SM- Mrs. Soudamini Mallick

SP- Mr. Santosh Patanaik

KA- Miss. K. Anusha

AS-Mr. Asish Kumar Sahu

PP- Mrs. Priyadarshini Parida

HK- Dr. K. Hari Krishna

ALL THE THEORY CLASSES WILL BE HELD IN **HALL NO – VI**

Batch-I: 193254001-026; Batch-II: 1903254027-053; Batch-III: 1903254054-078;

Batch-IV: 1903254079-105 /LE students of Fourth Sem

26/12/19  
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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR - 760 002**  
**TIME TABLE FOR M. PHARM. (Pharmaceutics) 2<sup>nd</sup> Semester W.E.F.: 27.01.2020**

| SCHEDULE FOR M. PHARM. (Pharmaceutics) 2 <sup>nd</sup> Semester W.E.F.: 27.01.2020 |                                                            |                                    |                               |             |                                                           |                                    |             |  |
|------------------------------------------------------------------------------------|------------------------------------------------------------|------------------------------------|-------------------------------|-------------|-----------------------------------------------------------|------------------------------------|-------------|--|
| DAY                                                                                | 10 am – 11 am                                              | 11 am – 12 pm                      | 12 pm – 1 pm                  | 1 pm – 2pm  | 2 pm – 3 pm                                               | 3 pm – 4 pm                        | 4 pm – 5 pm |  |
| Monday                                                                             | Pharmaceutics Practical, PG-Pharmaceutics Lab, (PNM/ AKM)  |                                    |                               |             | Pharmaceutics Practical, PG-Pharmaceutics Lab, (PNM/ AKM) |                                    |             |  |
| Tuesday                                                                            | Cosmetics and Cosmeceuticals (MSK)                         | Molecular Pharmaceutics (PNM/AKM)  | CADDS (PKC)                   | LUNCH BREAK | Cosmetics and Cosmeceuticals (MSK)                        | Adv. BPPK(GSP)                     | Library     |  |
| Wednesday                                                                          | Pharmaceutics, Practical, PG-Pharmaceutics Lab, (PNM/ AKM) |                                    |                               |             | Pharmaceutics Practical, PG-Pharmaceutics Lab, (PNM/ AKM) |                                    |             |  |
| Thursday                                                                           | Molecular Pharmaceutics (AKM)                              | Cosmetics and Cosmeceuticals (MSK) | CADDS (PKC)                   |             | Adv. BPPK(GSP)                                            | Cosmetics and Cosmeceuticals (MSK) | CADDS (PKC) |  |
| Friday                                                                             | Adv. BPPK(GSP)                                             | Molecular Pharmaceutics (AKM)      | Library                       |             | Seminar Assignment (TKN)                                  |                                    |             |  |
| Saturday                                                                           | CADDS (PKC)                                                | Adv. BPPK(GSP)                     | Molecular Pharmaceutics (AKM) |             | Seminar Assignment (TKN)                                  |                                    |             |  |

PNM- Prof. P. N. Murthy  
 GSP- Dr. Gaurishyam Pasa  
 ALL THE THEORY CLASSES WILL BE HELD IN Tutorial Hall

AKM- Prof. Anjan Kumar Mahapatra  
 MSK-Dr. Madhusmruti Khandai

PKC- Dr. Prasanta Kumar Choudhury  
 TKN- Mr. Tapan Kumar Nayak

Prof. S. K. Panda  
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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR – 760 002**  
**TIME TABLE FOR M. PHARM. (Pharmacology) 2<sup>nd</sup> Semester W.E.F.: 27.01.2020**

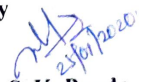
| TIME TABLE FOR M. PHARM. (Pharmacology) 2 <sup>nd</sup> Semester W.E.F.: 27.01.2020 |                                                   |               |              |                         |             |                                                   |             |
|-------------------------------------------------------------------------------------|---------------------------------------------------|---------------|--------------|-------------------------|-------------|---------------------------------------------------|-------------|
| DAY                                                                                 | 10 am – 11 am                                     | 11 am – 12 pm | 12 pm – 1 pm | 1pm<br>-<br>2pm         | 2 pm – 3 pm | 3 pm – 4 pm                                       | 4 pm – 5 pm |
| Monday                                                                              | Pharmacology Practical, PG-Pharmacology Lab, (GP) |               |              |                         | LUNCH BREAK | Pharmacology Practical, PG-Pharmacology Lab, (GP) |             |
| Tuesday                                                                             | Adv. Pharmacology (GP)                            | PDDS (DM)     | PTSM (GP)    | CRPV (TKN)              |             | Adv. Pharmacology (GP)                            | CRPV (TKN)  |
| Wednesday                                                                           | Pharmacology Practical, PG-Pharmacology Lab, (GP) |               |              |                         |             | Pharmacology Practical, PG-Pharmacology Lab, (GP) |             |
| Thursday                                                                            | Adv. Pharmacology (GP)                            | PDDS (DM)     | PTSM (GP)    | PTSM (GP)               |             | CRPV (TKN)                                        | Library     |
| Friday                                                                              | Adv. Pharmacology (GP)                            | CRPV (TKN)    | Library      | Seminar Assignment(TKN) |             |                                                   |             |
| Saturday                                                                            | PDDS (DM)                                         | PTSM (GP)     | PDDS (DM)    | Seminar Assignment(TKN) |             |                                                   |             |
| TKN- Mr. Tapan Kumar Nayak                                                          |                                                   |               |              |                         |             | DM- Mr. Debasis Mohanty                           |             |

GP-Dr. Ghanashyam Panigrahi

ALL THE THEORY CLASSES WILL BE HELD IN HALL NO- VII

TKN- Mr. Tapan Kumar Nayak

DM- Mr. Debasis Mohanty

  
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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR – 760 002**  
**REVISION TIME TABLE FOR D. PHARM. 1<sup>st</sup> Year W.E.F.: 27.01.2020**

| DAY       | 10 am – 11 am            | 11 am – 12 pm            | 12 pm – 1 pm | 1pm – 2pm   | 2 pm – 3 pm        | 3 pm – 4 pm             | 4 pm – 5 pm             |
|-----------|--------------------------|--------------------------|--------------|-------------|--------------------|-------------------------|-------------------------|
| Monday    | Pharm. Chemistry-I (TKN) | Pharmaceutics-I (GSP)    | -            | LUNCH BREAK | BCCP (ABP)         | Pharm. Chemistry-I (PP) | -                       |
| Tuesday   | Pharmaceutics-I (GSP)    | Pharm. Chemistry-I (PP)  | HECP (KB)    |             | HAP (AS)           | BCCP (ABP)              | Pharm. Chemistry-I (PP) |
| Wednesday | BCCP (SKB)               | Pharm. Chemistry-I (TKN) | -            |             | Pharmacognosy (KB) | Pharmaceutics-I (GSP)   | BCCP (KA)               |
| Thursday  | -                        | -                        | -            |             | BCCP (ABP)         | Pharmacognosy (KB)      | HAP (AS)                |
| Friday    | -                        | -                        | -            |             | HECP (PK)          | Pharmaceutics-I (GSP)   | Pharmacognosy (KB)      |
| Saturday  | -                        | -                        | -            |             | Pharmacognosy (KB) | HECP (PK)               | HAP (AS)                |

GSP-Dr. Gourishyam Pasa

KA- Miss. K. Anusha

TKN- Mr. Tapan Kumar Nayak

KB- Mr. Kedar Behera

PK-Miss. Padmini Kanhar

SKB- Mr. Sarojkanta Bisoyi

ABP-Mr. Asit Baran Panigrahi

AS-Mr. Asish Sahu

ALL THE THEORY CLASSES WILL BE HELD IN HALL NO- IV in morning session and Hall-I in afternoon session

26/1/2020  
Prof. S. K. Panda

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OFFICE OF THE PRINCIPAL  
ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR 760002

Ref. No: Exam/RCPHS/2021...635...

Date: - 21.10.2021

**NOTICE**

The 1st Sessional (Theory) Exam. of B.Pharm. 7<sup>th</sup> Sem. will be held as per the programme notified. The students will not be allowed to the examination hall after 5min. of scheduled time. The following invigilators and lab. attendants are deputed for examination duty.

| Date       | Timings         | INVIGILATORS |           |        | Lab. Attendant     |
|------------|-----------------|--------------|-----------|--------|--------------------|
|            |                 | Hall-IV      | Hall - II | Hall-I |                    |
| 25.10.2021 | 10.00AM-11.00AM | SP           | SKS       | AKM    | Chandan Ku. Bishoi |
| 26.10.2021 | -do-            | AKA          | RP        | SP     | V.Eswar Rao        |
| 25.10.2021 | 3.00PM-4.00PM   | ABP          | AKA       | RP     | Harish Ch. Pradhan |
| 26.10.2021 | -do-            | AKM          | ABP       | SKS    | Utiam Kumar Sahu   |

Memo No: Exam/RCPHS/2021...636(i) Dated 21.10.2021

Copy to: (i) Staff Notice Board / Circulated among staff concerned for information and necessary action. They are informed to submit (Gm.) the statement of marks in the office of the undersigned on or before 29.10.2021 for onward transmission to the

B.P.U.T., Rourkela.  
Examination File

*[Signature]*  
21.10.2021

*[Signature]*  
Principal  
PRINCIPAL

Prof. S.K.Panda  
Principal

PRINCIPAL

*[Signature]*  
Principal  
PRINCIPAL  
Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)



OFFICE OF THE PRINCIPAL  
ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002  
Ref.No.Exam/RCPHS/2021/606...  
Date: 05.10.2021

**NOTICE**

The 1<sup>st</sup> Sessional Theory Examination of B. Pharm. 7<sup>th</sup> Semester will be held as per the programme given below. All the students are informed to attend the examination without fail. Students are not allowed to reappear the same after the scheduled time as mentioned. The students are also informed to clear their pending dues (if any) on or before 23.10.2021.

| Date       | Time           | B. Pharm. 7 <sup>th</sup> Semester      |
|------------|----------------|-----------------------------------------|
| 25.10.2021 | 10 am to 11 am | BP701T Instrumental Methods of Analysis |
| 26.10.2021 | -do-           | BP702T Industrial PharmacyII            |
| 25.10.2021 | 3 pm to 4 pm   | BP703T Pharmacy Practice                |
| 26.10.2021 | -do-           | BP704T Novel Drug Delivery System       |

Note: The concerned faculty members should submit the question papers through Email to [royal.examcell@gmail.com](mailto:royal.examcell@gmail.com) on or before 22<sup>nd</sup> Oct, 2021 positively. They should mention the syllabus from which the questions are asked for moderation.

Principal

PRINCIPAL

Royal College of Pharmacy &  
Health Sciences Berhampur-2 (Gm.)

Memo No.Exam./RCPHS/2021/606...Dated 05.10.2021

Copy to: i) Student Notice Board

ii) Staff Notice Board/Circulated among staff concerned for information and necessary action.

iii) Examination copy

05.10.2021

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**ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BERHAMPUR-760002**  
**1<sup>ST</sup> SESSIONAL EXAM. (THEORY), B.PHARM. 7<sup>th</sup> SEMESTER**

**Subject Name: Instrumental method of Analysis Subject Code: BP701T**

**Time: 1 hour.**

**Date: 25.10.2021**

**F.M.: 30**

**Q.1. Answer all the questions: -**

**(2x5=10)**

- (a) Define Fermi Resonance.
- (b) What is meant by Chromophore?
- (c) Give ranges of IR Spectroscopy.
- (d) Define Wavelength and Wave number.
- (e) Define Coupled Interactions.

**Q.2. Short Answers (Answer any 2 out of 3)**

**(5x2=10)**

- (a) Explain the Principle of IR Spectroscopy.
- (b) Write a note on Electronic Transitions in UV-Visible Spectroscopy.
- (c) Explain the principle of UV-Visible Spectroscopy.

**Q.3. Long Answers (Answer any 1 out of 2)**

**(10x1=10)**

- (a) Write in details about Beer Lamberts Law and state mathematical Expression for it.
- (b) Describe Various Molecular Vibrations involved in IR Spectroscopy.

ROYAL COLLEGE OF PHARMACY AND  
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1st SEMESTER  
NAME: Rasmi... Ranjita Priyadarshini...  
CLASS: B.Pharm. 7th Sem.  
Regd. / Roll No.: 1803254068 25/10/21  
SUBJECT: Instrumental method of Analysis.

28/30

✓

### 3a) Beer's Law :-

The law states that the beam of monochromatic light passes through the substance which is less energy molecules whose stability is less energy. In Beer's law the absorbance of the monochromatic light passes the substance which has less effective less energy absorbance.

The Beer's law expressed as

$$\frac{dI}{dC} \propto I$$

$$\frac{dI}{dC} = KI$$

where (K = proportional constant)

$$\frac{dI}{I} = K \cdot dC \quad (1)$$

Let when the  $I = I_0$  is the intensity of the light  
when the  $C = 0$  is the intensity of the light transmitted.

$$\int_{I_0}^I \frac{dI}{I} = \int_0^C K \cdot dC$$

$$[\ln I]_{I_0}^I = K [C]_0^C + b \quad (2)$$



Thus,

$$-[\ln I_1 - \ln I_0] = k[c - 0] + 0$$

$$-\ln I_1 + \ln I_0 = kC$$

$$\ln I_0 + \ln I_1 = kC$$

$$\ln = \frac{I_0}{I_1} = kC$$

$$I_0 = I_1 e^{kC} \quad (3)$$

Lambert's Law :-

When the beam of monochromatic light is transmitted to the absorbance of the light passes through the ~~low abs~~ light of wave length, it has high energy to stable the absorbance.

The Lambert's law expressed as,

$$\frac{I_1}{I_0} = e^{-kC}$$

$$I_1 = I_0 e^{-kC}$$

$$\frac{dI}{dC} \propto I$$

$$\frac{dI}{dC} = kI$$

(6)

$$-\frac{dI}{I} = k \cdot dC \quad (4)$$



Where  $I_t = I_0$  is the intensity of length of the light:

$t = 0$  is the intensity of the transmitted light.

$$\int_{I_0}^{I_t} -\frac{dI}{I} = \int_0^t k \cdot dt$$

$$= -[\ln I]_{I_0}^{I_t} = k[t]_0^t + b \quad \text{--- (5)}$$

where the  $t = 0$  and  $b = 0$ .

$$= -[\ln I_t]$$

$$-[\ln I_t - \ln I_0] = k[t - 0] + 0$$

$$\ln I_0 - \ln I_t = kt$$

$$\ln \frac{I_0}{I_t} = kt$$

$$\frac{I_0}{I_t} = e^{kt}$$

$$= I_0 = I_t e^{kt} \quad \text{--- (6)}$$

When the eqn (3) and (6) are add

$$\frac{I_t}{I_0} = e^{-kt}$$

$$I_t = I_0 e^{-kt}$$

$$I_a = I_0 e^{kt}$$

$$= -[\ln I] I_t$$

$$I_0 = I_t e^{kt} \quad (7)$$

where the eqn is add of the eqn (6)

$$\frac{I_0}{I_t} = I_0 \text{ act}$$

$$= \log \frac{I_0}{I_t} = \text{act}$$

$$\therefore \frac{I_0}{I_t} = \frac{I_t}{I_0}$$

$$\log \frac{1}{A} = -\log A = -\log \left\langle \frac{I_t}{I_0} \right\rangle$$

$$= -\log \left\langle \frac{I_t}{I_0} \right\rangle = \log \left\langle \frac{I_0}{I_t} \right\rangle = \text{act act}$$

$$e = \frac{A}{cT}$$

$$e = \frac{I_0}{I_t} = \frac{A}{cT}$$

$$e = \frac{A}{cT} = \frac{I_0}{I_t}$$

where the Beer Lambert's law are  $e$  are equal to  $e = \text{act}$



Rasmi Ranjita Priyadarshini  
Roll no-68

25/12

(a) IR Spectroscopy:-

⇒ The IR spectroscopy is an analytical instrument which is used to determine the transmittance through the help of UV visible spectroscopy.

⇒ In IR spectroscopy, the absorbance will be transmittance or emitted from the UV visible coloured spectroscopy.

⇒ In IR spectroscopy the bond strength will be increases and the frequency is decreases. (or).

the wavelength is decreases and the frequency is decreases.

Principle:-

⇒ In IR spectroscopy the light should be absorbed from the infrared spectrophotometer.

⇒ In IR spectroscopy the light should pass through the UV visible spectrophotometer.

⇒ In IR the absorbance will be 20 to 800nm passes through in UV visible spectroscopy.

⇒ In IR spectroscopy the light will be absorbed in high energy and more stable form.



2

b) Electronic Transition in UV spectroscopy :-

- ⇒ In UV-visible spectroscopy the light should be transmitted in atoms or molecules in coloured form.
- ⇒ The light should be absorbed in the coloured formation to easily clarify the atoms' energy and its radiation.
- ⇒ In electronic transition the electrons are passed through the UV-visible spectroscopy to identify the radiation and its wavelength.
- ⇒ Electrons are passed through the UV light; its transmitted or emitted the electrons.
- ⇒ In electronic transition the UV-visible spectroscopy the ions or atoms are clearly visible and the radiation will be conducted.
- ⇒ The magnetic property of the electrons will be clearly absorbed by UV spectroscopy.
- ⇒ The electrons have some lone pair of electrons; are emitted or transmitted through the help of UV-visible spectroscopy.
- ⇒ It has absorbed the high lone pair of electrons and highly stable the atom and its radiation will be absorbed.



(2)

Rasmi Ranjita Priyadarshini  
Roll no - 68

M210

(d) Wave length :-

When a beam of light pass through the substance in which the absorbance will be the space of 1cm is known as wave length.

Wave number :-

(2) When a beam of light transmitted the spectroscopy with counting the number of light the help of UV spectroscopy is known as wave number.

(e) Coupled Interaction :-

When the two atoms are interact to each other in the spectroscopy and they form to each other and they are the two light interaction will be same is known as coupled interaction.

(c) The range of IR spectroscopy is  $2\mu$  to  $800\text{nm}$ .

When, the  $2\mu - 5\mu$  is near IR spectroscopy

$5\mu - 10\mu$  is near IR spectroscopy

$10\mu - 50\mu$  is distance IR spectroscopy

$400\text{nm} - 800\text{nm}$  is the far IR spectroscopy.

## b) Chromophore :-

When the beam of light absorbed through a substance which is the length of the atom and strength of the atom are highly stable and high electron pair is known as chromophore.

eg:- N, O, S.

## a) Fermi Resonance :-

In this resonance the absorbance will be resonating the light and it transmitted through the resonating structure and it depends on the resonating structure is known as

Fermi resonance



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Ref. No: Exam/RCPHS/2021/810.....

Date: - 04.12.2021

**NOTICE**

The 2nd Sessional (Theory) Exam. of B.Pharm. 7<sup>th</sup> Sem. will be held as per the programme notified. The students will not be allowed to the examination hall after 5min. of scheduled time. The following invigilators and lab. attendants are deputed for examination duty.

| Date       | Timings | INVIGILATORS |           |           | Lab. Attendant     |
|------------|---------|--------------|-----------|-----------|--------------------|
|            |         | Hall-IV      | Hall - VI | Hall-VIII |                    |
| 06.12.2021 | 3PM-4PM | GP, SP       | AS        | AKM       | Chandan Ku. Bishoi |
| 07.12.2021 | -do-    | RP, KS       | AK        | SKB       | V. Eswar Rao       |
| 08.12.2021 | -do-    | AKM, SPM     | AKA       | SP        | Harish Ch. Pradhan |
| 09.12.2021 | -do-    | BNT, AP      | SKB       | AS        | Uttam Kumar Sahu   |

Memo No: Exam/RCPHS/2021/810 Dated 04.12.2021

Copy to: (i) Staff Notice Board / Circulated among staff concerned for information and necessary action. The statement of marks in the office of the undersigned on or before 12.12.2021 for onward transmission to the B.P.U.T., Rourkela.

✓(ii) Examination File

*[Signature]*  
04.12.2021

Prof. S.K. Panda  
Principal

*[Signature]*  
Principal  
for Royal College of Pharmacy &  
Health Sciences, Berhampur-2 (Gm.)

OFFICE OF THE PRINCIPAL  
ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BIRHAMPUR-760002  
Ref.No.Exam/RCPHS/2021...762

Date: 26.11.2021

NOTICE

The 2<sup>nd</sup> Sessional Theory Examination of B.Pharm. 7<sup>th</sup> Semester will be held as per the programme given below. All the students are informed to attend the examination without fail. Students are not allowed to reappear the same after the scheduled time as mentioned. The students are also informed to clear their pending dues (if any) on or before 04.12.2021.

| Date       | Time           | B. Pharm. 7 <sup>th</sup> Semester    |
|------------|----------------|---------------------------------------|
| 06.12.2021 | 11 am to 12 pm | BP701T Industrial Methods of Analysis |
| 07.12.2021 | -do-           | BP702T Industrial Pharmacy II         |
| 08.12.2021 | -do-           | BP703T Pharmacy Practice              |
| 09.12.2021 | -do-           | BP704T Novel Drug Delivery System     |

Note: The concerned faculty members should submit the question papers through Email to [royal.examcell@gmail.com](mailto:royal.examcell@gmail.com) on or before 3<sup>rd</sup> Dec, 2021 positively. They should mention the syllabus from which the questions are asked for moderation.

Memo No.Exam/RCPHS/2021/762 (iii). Dated 26.11.2021

Copy to: i) Student Notice Board  
ii) Staff Notice Board/Circulated among staff concerned for information and necessary action.  
iii) Examination copy

*[Signature]*  
26.11.2021

*[Signature]*  
Principal  
PRINCIPAL  
Royal College of Pharmacy &  
Health Sciences, Birhampur-2 (Bm.)

Prof. S.K.Panda  
Principal

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Principal  
PRINCIPAL  
Royal College of Pharmacy &  
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ROYAL COLLEGE OF PHARMACY AND HEALTH SCIENCES, BUKHARI  
2<sup>nd</sup> SESSIONAL EXAM. (THEORY), B.PHARM. 7<sup>th</sup> SEMESTER

Subject Name: Instrumental methods of Analysis Subject Code: BP701T

Date: 06.12.2021

Time: 1 hour.

Q.1.

Answer all the questions: -

F.M.: 30

(2x5=10)

- (a) Define cationic exchanger?
- (b) Define ligand used in Affinity chromatography.
- (c) Enlist different columns used in gel permeation chromatography?
- (d) How regeneration of ion exchange resin done?
- (e) What buffer system used in ion exchange chromatography?

Q.2.

Short Answers (Answer any 2 out of 3)

(5x2=10)

- (a) Describe various detectors used in gas chromatography.
- (b) Describe in detail: Derivatization in HPLC.
- (c) Enlist, various components of HPLC. Described solvent delivery system and degassing.

Q.3.

Long Answers (Answer any 1 out of 2)

(10x1=10)

- (a) Explain the principle of Affinity chromatography in details. Discuss applications and advantages of Affinity chromatography.
- (b) Write in details about instrumentation of UV-Visible spectrophotometer.



9th  
2/29

ROYAL COLLEGE OF PHARMACY AND  
HEALTH SCIENCES, BERRHAMPUR  
2<sup>nd</sup> INTERNAL ASSESSMENT  
NAME: S. S. Smita Mondal  
CLASS: B. Pharm 1<sup>st</sup> 4<sup>th</sup> sem  
Regn. / Roll No: 100 Date: / /  
SUBJECT: Analysis

Q.3  
a)

### Affinity chromatography

→ It is also known as bioselective adsorption is protein purification technique.

→ It is method to separation biochemical mixture with high specificity like antigen-antibody, receptor-ligand.

→ Biological macromolecule such as protein, enzyme with interact with other molecule by various bond, i.e. covalent bond, ionic bond, sulphuric bond.

### principle

→ stationary phase filled in the column containing mobile phase with DNA to protein.

→ Two phase bound together.

→ A washing buffer poured into column containing two bounded phase.

→ washing buffer removed the non-target molecule by disrupting the weak bond with stationary phase.

→ Target molecule bind with high specific with stationary phase & so not washed removed by washing buffer.

→ A elution buffer poured into column containing targeted molecule, to elution buffer disrupt the bond between stationary phase & target molecule.



→ A pure solid contain targeted molecule & elution buffer.

### Application

① protein purification — Affinity chromatography has high range of protein purification technique

→ Extracellular proteins & other proteins are purified.

② Isolation enzyme — Enzyme are isolated from host of different organism.  
ex - AMP can be immobilised.

③ purification of reaction — Biospecific adsorbant are use to purify the reaction

④ purification of plasma protein — This is method of purification of protein in plasma.

ex - It produce the various plasma proteins  
Factor IX, angiotensin - II  
XII

### Advantage

→ High specific

→ single purification process

→ Target molecule are pure state.

→ matrix are reused, rapidly

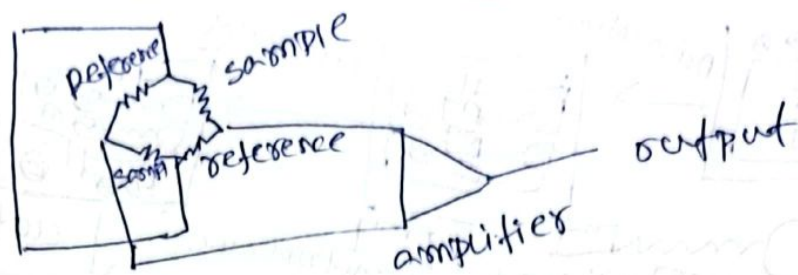
→ matrix are solid easy to wash & dry

→ pure component extract in high yield.









## ② FID -

→ Element from column mixed with  $O_2$  & ignited.

→ organic molecule in flame produce ion & electron & produced electrical

→ High electrical potential apply in the tip of burner & collector electrode placed above flame.

→ result pyrolysis of compound with detect.

## ③ AID -

→ It depend on excitation of argon is metastable state.

→ It achieved by irradiation of argon with Radium, Thorium.

→ High energy molecule ~~exc~~ ionise the argon to excited state in metastable form.

→ Ion reach detector, compound with detect

## ④ ECD

→ It depends on the radioactive  $\beta$ -electron which ionise the carrier gas produce current, bet<sup>n</sup> two biased pair electrode

→ organic molecule contain electron-negative functional group (nitro, sulphate) captured the electron & reduced the current between two biased pair electrode.



Q1  
ce 1/2  
HPLC (High performance liquid chromatography) is the technique of analytical chemistry to separate, identify, quantity each component in mixture.

→ It depends on the pump flows the mobile liquid solvent with sample solution into column containing adsorbent material.

→ each component of mixture interacts with slightly different adsorbent material, result difference flow rate, caused separation of component.

5

solvent delivery system / pump

→ pump in versatile stage from reservoir to column, detector.

→ solvent/mobile phase must be flow into column, due to size of stationary phase particle, increase resistance.

→ There are two types pump —  
① mechanical pump — operate constant flow rate, used in analytical.



② pneumatic pump — operates at constant pressure, used in highly compressed gas.

### Degassing —

- Eluent used for L.C contain some gas like  $O_2$ , not visible in eye.
- Various gas is soluble in organic solvent
- solvent & pass in high pressure cause gas bubble, it effect on separation result unstable baseline.
- Degassing is important.
- Degassing used polymeric membrane tube
- small porous membrane allow air to go through & prevent the air to go through.
- Tube is placed in container with low pressure.
- It create the pressure difference inside & outside of the tube, result dissolve the gas & removed.

### process of degassing —

- Vacuum Filtration — removed air bubble. It is always not reliable & complete.
- Helium purging — passing helium removed the gas.
- ultra



ii) ultrasonication —  
→ used ultrasonicator, high frequency  
convert to mechanical vibration.

a) cationic exchanger —

→ It possesses the negative charge  
which attracts positive charge.  
→ It is also known as acidic exchanger,  
presence of negative charge,  
proteolysis or occur in acidic group.

ex — sulphate ion, carboxylate ion  
Resin —  $\text{CH}_2\text{SO}_2$

b) Ligand — In affinity chromatography  
Ligand refers the molecule which  
attached with target molecule.

→ It is selected after nature  
of biological macromolecule are  
known.

ex —  
purification of hormone, hormone itself  
used as Ligand.

→ purification of antibody, antigen  
is used as Ligand.

c) column  
Analytical column — 7.5 - 8 mm  
Preparative — 22 - 25 mm

1.5 usually  $n$  — 25 cm, 30 cm, 50 cm  
60 cm

Receipt  
Recently used column — 2 - 5 mm

d) Ion exchange resin after separation may not be used for next separation due to exchangeable functional groups loss.

2) → due to cost of resin, it cannot be decomposed, so regeneration & reactivation of resin is important

→ It refers to replacement of cationic & anionic groups in resin.

ex - HCl are used for regeneration of cationic exchanger resin.

NaOH, KOH are used for anionic exchanger resin.

e) 1.5 buffers — Acetate buffer  
phosphate  
borate  
phthalate



1.1.1. CO-PO of all Programs  
ADDITIONAL INFORMATION

| <b>Programme Outcomes : UG Pharmacy</b> |                              |                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>PO</b>                               | <b>Key Concept</b>           | <b>Explanation</b>                                                                                                                                                                                                                                                                                                                                                        |
| <b>PO1</b>                              | <b>Pharmacy Knowledge</b>    | Acquire knowledge and gain understanding of the fundamental concepts and information related to the field of pharmacy as well as pharmaceutical sciences along with biological sciences, behavioral, social, and administrative aspects of the field. And have a sound knowledge of manufacturing techniques in relation to pharmaceutical and biotechnological products. |
| <b>PO2</b>                              | <b>Planning Abilities</b>    | Exhibit a strong organizational, time, and resource management skills, along with execution ability. Learn and develop proper planning of events in accordance to scheduled time frame to meet targets.                                                                                                                                                                   |
| <b>PO3</b>                              | <b>Problem analysis</b>      | Practice analytical, clear and critical thought as espoused by the scientific method, in all of day-to-day with problem-solving attitude and decision-making. Locate, assess, and use relevant data to create well-informed, defensible conclusions.                                                                                                                      |
| <b>PO4</b>                              | <b>Modern tool usage</b>     | Acquire knowledge and skill with, a variety of contemporary computing tools relevant to the pharmacy profession; learn how to use these tools effectively; and do so while being aware of their limitations.                                                                                                                                                              |
| <b>PO5</b>                              | <b>Leadership skills</b>     | Learn planning modifications necessary to fulfil practise, professional, and societal duties, taking into account the human reaction to change, motivation concerns, leadership, and team-building. Participate as responsible citizens and take up leadership responsibilities as needed to promote health and well-being                                                |
| <b>PO6</b>                              | <b>Professional Identity</b> | Realize, assess and share the significance of their professional activities and works for the benefit of the community either as first line health care professionals, educators, managers, entrepreneur.                                                                                                                                                                 |
| <b>PO7</b>                              | <b>Pharmaceutical Ethics</b> | Respect the core values and put ethics                                                                                                                                                                                                                                                                                                                                    |



|             |                                       |                                                                                                                                                                                                                                                                                   |
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|             |                                       | into practise in all spheres of life. Try to understand and respect differences in values, communication styles and ways of life as they exist across cultures. Leverage ethical principles and frameworks in decision-making and accept personal accountability for the results. |
| <b>PO8</b>  | <b>Communication</b>                  | Exhibit strong verbal and nonverbal communication skills with patients, coworkers and the public including the ability to understand and write clear reports, create clear presentations and documentation while giving and receiving instructions.                               |
| <b>PO9</b>  | <b>The Pharmacist and society</b>     | Use rationale information by context knowledge in order to evaluate societal, health, safety, legal and professional pharmacy practise issues along with associated responsibilities.                                                                                             |
| <b>PO10</b> | <b>Environment and sustainability</b> | Learn how professional pharmacy practices will affect larger communities and ecosystems. And at the same time learn to value sustainable practices.                                                                                                                               |
| <b>PO11</b> | <b>Life-long learning</b>             | Understand the importance of and be prepared for self and lifelong learning in the fullest sense of technological development. Use self-evaluation and other people's feedback for the advantage to pinpoint one's own learning needs and continually meet them.                  |

| <b>B. Pharm Programme</b>                 |                          |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------------------|--------------------------|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Course Outcomes</b>                    |                          |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <i>Course of the Study First Semester</i> |                          |                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Sl. No</b>                             | <b>Course code</b>       | <b>Name of the Course</b>               | <b>Course Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>1</b>                                  | <b>BP101T and BP107P</b> | Human Anatomy and Physiology I (Theory) | 1. The students will be able to learn the concepts of anatomy and physiology.<br>2. Able to identify and learn the techniques that will enable them to differentiate between the various organ and organ systems along with hands on training to the structure of each organ and organ system.<br>3. Know about the new terminologies about the physiological aspect of the functioning of the organ system and test to detect the same. |

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| 2 | <b>BP102T<br/>and BP108P</b> | Pharmaceutical<br>Analysis I (Theory)             | <ol style="list-style-type: none"> <li>1. The students shall be able to understand the various analytical techniques and related concepts.</li> <li>2. Students shall be able to understand the principles of volumetric and electrochemical analysis.</li> <li>3. To carry out various volumetric and electrochemical titrations.</li> <li>4. Get hands on training with respect to standardization of various solutions and also calibration &amp; validation of various apparatus, equipment.</li> <li>5. To develop analytical skills, assay, standardization of titrants.</li> </ol>                               |
| 3 | <b>BP103T<br/>and BP109P</b> | Pharmaceutics I<br>(Theory)                       | <ol style="list-style-type: none"> <li>1. Historical background and development of profession of pharmacy</li> <li>2. To gain fundamental knowledge on the preparatory pharmacy with arts and science of preparing the different conventional dosage forms.</li> <li>3. Learn about the dispensing process in relation to health care system and management.</li> <li>4. Learn about the procedures involved in formulation of dosage forms and their route of administration.</li> <li>5. Understand the basics of different dosage forms, pharmaceutical incompatibilities and pharmaceutical calculations</li> </ol> |
| 4 | <b>BP104T<br/>and BP110P</b> | Pharmaceutical<br>Inorganic Chemistry<br>(Theory) | <ol style="list-style-type: none"> <li>1. To know the sources of impurities and methods to determine the impurities in inorganic drugs and pharmaceuticals</li> <li>2. To understand the medicinal and pharmaceutical importance of inorganic compounds.</li> <li>3. To understand the uses and precautions of various radio active pharmaceuticals.</li> </ol>                                                                                                                                                                                                                                                         |
| 5 | <b>BP105T<br/>and BP111P</b> | Communication<br>skills – Theory *                | <ol style="list-style-type: none"> <li>1. The student get acquainted with the sounds of English in a nutshell.</li> <li>2. Obtain practical idea about usage of grammar in meaningful contexts.</li> <li>3. Develop good calibre in spoken English.</li> <li>4. Learn about writing applications,</li> </ol>                                                                                                                                                                                                                                                                                                            |

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|                                        |                              |                                             | request letters etc.<br>5. Get hands on training for proper body language while delivering contents and presentation.                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 6                                      | <b>BP106RBT and BP112RBP</b> | Remedial Biology - Theory*                  | 1. Learn about the morphological and anatomical features of plants.<br>2. Able to identify various plants and animals with respect to their nomenclature.<br>3. Able to get knowledge about the arthropods and their useful and harmful association with the plants and animals.<br>4. Gain expertise about microscopic examination of the various plant parts.                                                                                                                                                                                      |
| 7                                      | <b>BP106RMT</b>              | Remedial Mathematics - Theory*              | 1. Learn about algebraic, geometric and trigonometric calculations.<br>2. Get acquainted with the calculations of statistics and learn about the analytical aspect of the same.<br>3. Learn calculations to evaluate the raw data and analyze the same along with pharmaceutical applications.                                                                                                                                                                                                                                                       |
| <b>Course of Study Second Semester</b> |                              |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 8                                      | <b>BP201T and BP207P</b>     | Human Anatomy and Physiology II – Theory    | 1. Students should able to write the structure, name and the type of isomerism of the organic compound<br>2. Students should able to write the reaction, name the reaction and orientation of reactions<br>3. They should able to explain reactivity/ stability of compounds,<br>4. They should able to identify/confirm the identification of organic compound.<br>5. Students shall acquire basic techniques for qualitative analysis of unknown compounds, preparation of derivatives.<br>1.6. students shall able to construct molecular models. |
| 9                                      | <b>BP202T and BP208P</b>     | Pharmaceutical Organic Chemistry I – Theory | 1. Students will be able to explain the atomic molecular structure, chemical bonding and physiochemical properties of substance.<br>2. Hands on training about the concepts and results of laboratory experiments in relation to physicochemical properties of                                                                                                                                                                                                                                                                                       |



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|    |                   |                          | <p>organic chemical substance can be gained.</p> <p>3. Understand the various type of organic reaction and their mechanism.</p> <p>4. Learn the techniques for the preparation and property of alkanes, cycloalkynes, alkenes, alkynes, haloalkanes, alcohol, ethers amine etc.</p> <p>5. Gain knowledge and expertise on determination of melting point and boiling point. of various chemical entities.</p>                                                                                                                                                                                                                                                                                                                                                                                                   |
| 10 | BP203T and BP209P | Biochemistry Theory –    | <p>1. Learn about the various biochemical pathways in relation to cellular transport and cellular mechanisms.</p> <p>2. Understand the working and function of enzyme &amp; co-enzymes.</p> <p>3. Gain knowledge about the carbohydrate, lipid and protein along with their metabolism process.</p> <p>4. Learn about the signalling of synthesis of protein and nucleic acid.</p> <p>5. Learn about the various methods of preparation and evaluation of different biochemical and bio fluids.</p> <p>6. Learn about blood and blood products along with its composition and limits.</p> <p>7. Students shall get practical knowledge on qualitative and quantitative tests carbohydrates (glucose, fructose, maltose, sucrose and starch), proteins, creatinine, cholesterol and other biochemical tests.</p> |
| 11 | BP204T            | Pathophysiology Theory – | <p>1. Get acquainted with the basic principles of Cell injury and adaptation.</p> <p>2. Learn about various chemical mediators and the mechanism involved in process of inflammation</p> <p>3. Gain knowledge about the pathophysiology of common diseases.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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| 12                                           | <b>BP205T<br/>and BP210P</b> | Computer Applications in Pharmacy – Theory *        | <ol style="list-style-type: none"> <li>1. Learn about the fundamentals of Computer's history, hardware, networking, numbering and software.</li> <li>2. Understand about the application of computer in pharmaceuticals research and development along with computational knowledge.</li> <li>3. Gain hands on expertise about various operating system like dos, windows, Linux, file manipulations and maintenance.</li> <li>4. Know programming language and data integrity process to be able to handle internet, email and search engine.</li> </ol>                          |
| 13                                           | <b>BP206T</b>                | Environmental sciences – Theory *                   | <ol style="list-style-type: none"> <li>1. Gain knowledge about the ecological concept and natural resource.</li> <li>2. Learn about the water pollution and methods of waste water treatment.</li> <li>3. Gain hands on expertise about the techniques involved in solid waste management, hazards management along with air pollution and noise pollution.</li> <li>4. Gain expertise about the ways and techniques to minimize waste and also learn about the ways to dispose them off.</li> <li>5. Learn about the methods of environment impact and its assessment.</li> </ol> |
| <b><i>Course of Study Third Semester</i></b> |                              |                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 14                                           | <b>BP301T<br/>and BP305P</b> | <b>Pharmaceutical Organic Chemistry II – Theory</b> | <ol style="list-style-type: none"> <li>1. Students should be able to explain basic concepts of Stereo- chemistry and its application.</li> <li>2. To learn and practice general methods of preparation of organic compounds.</li> <li>3. To understand the basic concepts of aromaticity, aromatic compounds, preparations and uses.</li> <li>4. Learn about the nucleophilic aromatics substitution reactions.</li> <li>5. Students shall acquire basic laboratory techniques for purification of organic compounds and preparation of organic compounds.</li> </ol>              |

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| 15 | BP302T<br>and BP306P | Physical<br>Pharmaceutics I –<br>Theory    | <ol style="list-style-type: none"> <li>1. Learn about solubility of drugs and factors affecting solubility phenomena, the theories of matter and its application in dosage forms design.</li> <li>2. Understand the phase diagrams and its implementation practically in various chemical reactions. Also learn about the thermodynamics and its application.</li> <li>3. Gain experiential knowledge about preparation of buffers and various physiologic fluids needed for drug analysis in-vitro and in-vivo.</li> <li>4. Learn to select about various complexation reactions and its pharmaceutical and toxicological applications and significance and kinetics of drug protein binding.</li> </ol>                                                                                                                                                                                                                                               |
| 16 | BP303T<br>and BP307P | Pharmaceutical<br>Microbiology –<br>Theory | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. The history and scope of microbiology as well as its influence on mankind in particular reference to medicine and pharmacy.</li> <li>2. The classification and taxonomy of microbes.</li> <li>3. The basics regarding bacteria, fungi and virus.</li> <li>4. Various strains of microbes and its isolation, identification, preservation and culturing.</li> <li>5. Growth, control of microbes by physical and chemical method.</li> <li>6. Antibiotic action in minimal dose values on microbes through zone of inhibition studies.</li> <li>7. Learn about the preparation of various nutrient media for microbial growth and sterilization method.</li> <li>8. Antiseptics and disinfectants</li> <li>9. The sterility test for microbes and microbial assay of antibiotic and vitamins.</li> <li>10. Aseptic area and its design</li> <li>11. Preservatives</li> </ol> |
| 17 | BP304T<br>and BP308P | Pharmaceutical<br>Engineering –<br>Theory  | <ol style="list-style-type: none"> <li>1. Understand the concept of fluid flow, measurement of flow, Newtonian and non Newtonian</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



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|                                        |                          |                                              | <p>flow along with thixotropy and pressure.</p> <p>2. Learn the basic concept of humidification and its control and their application in pharmaceutical manufacturing as well as pharmacy.</p> <p>3. Learn about the material handling system like liquid, solid &amp; gas handling and differentiate them from hazard chemicals .</p> <p>4. Learn the concept and principles of centrifugation and how it affects the final product with special reference to transport.</p> <p>5. Gain hands on expertise on Crystallization method of super saturation theory, drying, filtration and limitations of each</p> <p>6. Learn about the fire and industrial hazards and safety precautions thereof.</p> |
| <b>Course of Study Fourth Semester</b> |                          |                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>18</b>                              | <b>BP401T</b>            | Pharmaceutical Organic Chemistry III– Theory | <p>1. To learn rule for the nomenclature of hetero-cyclic compounds, methods of preparation and uses.</p> <p>2. To study important organic reaction and their mechanisms.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>19</b>                              | <b>BP402T and BP406P</b> | Medicinal Chemistry I – Theory               | <p>1. To understand the chemistry of drugs with respect to their pharmacological activity</p> <p>2. To understand the drug metabolic pathways, adverse effect and therapeutic value of Drugs</p> <p>3. To know the Structural Activity Relationship (SAR) of different class of drugs</p> <p>1.4. To write the chemical synthesis of some drugs</p>                                                                                                                                                                                                                                                                                                                                                    |
| <b>20</b>                              | <b>BP403T and BP407P</b> | Physical Pharmaceutics II – Theory           | <p>1. Understand various physicochemical properties of drug molecules in the designing the dosage forms</p> <p>2. Know the principles of chemical kinetics &amp; to use them for stability testing and determination of expiry date of formulations</p> <p>3. Demonstrate use of physicochemical properties in the formulation development and evaluation of dosage forms.</p>                                                                                                                                                                                                                                                                                                                         |

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|    |                          |                                             | <ol style="list-style-type: none"> <li>4. Understand the concept of the colloidal dispersion systems and biphasic liquid systems.</li> <li>5. Learn about the process for determination of half-life and rate of reactions.</li> <li>6. Students will be enabled with experiential learning about the method of solubility expression and determination.</li> </ol> <ol style="list-style-type: none"> <li>1. Understand the concepts associated with complexes, their method of preparations, analysis and application.</li> </ol>                                                                                                                                                  |
| 21 | <b>BP404T and BP408P</b> | Pharmacology I – Theory                     | <ol style="list-style-type: none"> <li>1. Learn about the basic concepts of about the route of administration, mechanism of action and combined effect of drugs.</li> <li>2. Understand the pharmacokinetic and pharmacodynamic behaviour of the drugs.</li> <li>3. Classify the drugs according to their class, category &amp; action of drugs acting on nervous system.</li> <li>4. Gain hands on training for the preparation of different solution for in-vivo study.</li> <li>5. Gain hands on training about the screening methods and procedures thereof for different drugs in animal model.</li> </ol>                                                                      |
| 22 | <b>BP405T and BP409P</b> | Pharmacognosy and Phytochemistry I – Theory | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Crude drugs their source and classification.</li> <li>2. Process of extraction, isolation and chemical test of alkaloids.</li> <li>3. The holistic concept of traditional medicine.</li> <li>4. Get idea about adulteration of crude drugs.</li> <li>5. Learn the importance of few phyto chemical constituents their utility and limitations along with the general steps for evaluation and standardization.</li> <li>6. Biological source cultivation, collection, chemical constituents, macro and microscopic features of various crude drugs containing carbohydrates, lipids, proteins</li> </ol> |

|                                       |                          |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
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|                                       |                          |                                 | <p>and enzymes.</p> <p>7. Introduction, classification, identification, chemistry including pharmacological properties of some secondary metabolites.</p> <p>8. Factors influencing production of medicinal plants and secondary metabolites.</p> <p>9. Tissue culture and its application in production of natural medicinal compounds.</p> <p>10. Conservation of medicinal plants</p> <p>11. Plant teratogens</p> <p>12. Edible vaccines</p> <p>13. Natural fibers</p> <p>14. Plant hallucinogenic agents.</p> |
| <b>Course of Study Fifth Semester</b> |                          |                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>23</b>                             | <b>BP501T</b>            | Medicinal Chemistry II – Theory | <p>1.To understand the chemistry of drugs with respect to their pharmacological activity.</p> <p>2. To understand the chemistry of chemotherapeutic agents, uses mechanism of action and adverse reactions of anticancer agents.</p> <p>3. To understand the drug metabolic pathways, adverse effect and therapeutic value of drugs</p> <p>4. To know the Structural Activity Relationship of different class of drugs</p> <p>5. To study the chemical synthesis of selected drugs</p>                            |
| <b>24</b>                             | <b>BP502T and BP506P</b> | Industrial Pharmacy I– Theory   | <p>1. Know the various pharmaceutical dosage forms and their manufacturing techniques.</p> <p>2. Understand the concept of preformulation studies and its practical implementation in dosage form design.</p> <p>3. Gain hands on training for manufacturing of various pharmaceutical dosage forms like tablets, capsules, ointments, syrups, suspension, emulsion, parenterals, ophthalmics etc.</p> <p>4. Learn about the quality control of various pharmaceutical dosage forms.</p>                          |



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|    |                              |                                             | 5. Learn about the usage, utility and application of aerosol products along with their advantages and limitations.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 25 | <b>BP503T<br/>and BP507P</b> | Pharmacology II – Theory                    | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Study of biogenetic pathways for phytoconstituents.</li> <li>2. Investigation technique of the biogenetic pathways through various methods.</li> <li>3. Industrial production and utilisation of some important phytoconstituents.</li> <li>4. Extraction, isolation and analysis of phytoconstituents by modern analytical techniques.</li> <li>5. Biological sources, chemical constituents including phytochemistry and uses of various secondary phytoconstituents.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 26 | <b>BP504T<br/>and BP508P</b> | Pharmacognosy and Phytochemistry II– Theory | <ol style="list-style-type: none"> <li>1. The contents of this course deals with the recent advances related to Herbal Medicines where a student will gain experiential learning about the herbs and their use as medicinal products .</li> <li>2. Students will be able to classify Medicinal Plants in relation to phyto constituents.</li> <li>3. Students will be accustomed and gain expertise on identification of carbs, lipids, terpenes, polyphenols, alkaloidal drugs isolated from plant sources.</li> <li>4. They will learn about the ways how a herb influence the body physiology in humans and how these agents will be helpful against several disorders.</li> <li>5. Learn about the relation between phyto constituents and their effects on the physiology of geriatrics, pediatrics along with designing products for these category of patients.</li> <li>6. Read and understand the concepts described in Materia Medica.</li> <li>7. Gain expert ideas on drug</li> </ol> |

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|                                       |                   |                                       | <p>adulteration and methods to avoid the same.</p> <p>8. Learn about the DNA finger printing as well as relation between Ethnobotany and Ethnopharmacology in drug discovery process.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 27                                    | BP505T            | Pharmaceutical Jurisprudence Theory – | <p>1. Understand the concepts and functioning of various statutory bodies and their recommendations along with pharmaceutical legislation.</p> <p>2. Learn and work according to the code of Pharmaceutical ethics as a professional</p> <p>3. Know various acts, schedules and rules used to control the manufacturing distribution, uses of pharmaceutical product.</p> <p>4. Learn about the special acts like Drug and Cosmetics Act, MTP Act, Narcotics Act, DPCO, Prevention of Cruelty to Animals Act/Rules 1960, Drugs and Magic Remedies Act/Rules, Medicinal and Toilet preparation Act 1955, Factories Act etc. Along with the influence of these acts in professional execution.</p> <p>5. Have an idea about the various act that control pharmaceutical education and regulation.</p> |
| <b>Course of Study Sixth Semester</b> |                   |                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 28                                    | BP601T and BP607P | Medicinal Chemistry III – Theory      | <p>1. To understand the importance of antibiotics, antimicrobial agents, anti fungal, antiviral etc, uses, adverse reactions and spectrum of activities.</p> <p>2. To know the importance of SAR of drugs.</p> <p>3. To know the metabolism, adverse effects and therapeutic value of drugs.</p> <p>4. To understand the importance of drug design and different techniques of drug design.</p>                                                                                                                                                                                                                                                                                                                                                                                                     |
| 29                                    | BP602T and BP608P | Pharmacology III – Theory             | <p>1. Students will be able to learn about the drugs acting on the GIT, endocrine system.</p> <p>2. They will get idea about drugs and their influence on the endocrine system</p> <p>3. Learn about the general concept of</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

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|    |                          |                                                | <p>carcinoma, related chemotherapy and limitation of chemo administration.</p> <p>4. Learn to check and screen the toxicological effect of chemicals.</p> <p>5. Know about Chrono-pharmacology.</p>                                                                                                                                                                                                                                                                                                                                                                                   |
| 30 | <b>BP603T and BP609P</b> | Herbal Drug Technology – Theory                | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Herbal drugs.</li> <li>2. Techniques on standardization of herbal drug.</li> <li>3. Experiential knowledge about process to formulation and standardisation of new herbal formulation as per ayurvedic pharmacopoeia.</li> <li>4. Learn about the quality control test for herbal drugs.</li> <li>5. Biodynamic Agriculture: Good agricultural practices in cultivation of medicinal plants including Organic farming, pest and pest management in medicinal plants</li> <li>6. Nutraceuticals</li> </ol> |
| 31 | <b>BP604T</b>            | Biopharmaceutics and Pharmacokinetics – Theory | <ol style="list-style-type: none"> <li>1. Understand the basic concepts in biopharmaceutics and pharmacokinetics and their significance.</li> <li>2. Use of plasma drug concentration-time data to calculate the pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination.</li> <li>3. To understand the concepts of bioavailability and bioequivalence of drug products and their significance.</li> <li>4. Understand various pharmacokinetic parameters, their significance &amp; applications.</li> </ol>         |
| 32 | <b>BP605T</b>            | Pharmaceutical Biotechnology – Theory          | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Basic concepts, history of evolution of pharmaceutical biotechnology</li> <li>2. Antigen-anti body reactions and their influence on human immune system.</li> <li>3. Preparation and standardisation of immunological preparation, their</li> </ol>                                                                                                                                                                                                                                                       |



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|                                         |                          |                                           | <p>storage and distribution procedure.</p> <p>4. Blood products: production and applications.</p> <p>5. The basic concepts and chemistry of nucleic acids, DNA, RNA, protein synthesis.</p> <p>6. Recombinant DNA technology</p> <p>7. RTPCR: Principle and applications.</p> <p>8. Immobilised enzyme technology: Production and applications.</p> <p>9. Monoclonal anti-bodies: production and their applications.</p> <p>10. Fermentation technique and method for industrial production of some pharmaceutically important compounds through fermentation.</p> <p>11. Biochemical conversion and methods including applications in production of some pharmaceutically important compounds.</p> <p>12. Herbal-Drug and Herb-Food Interactions</p> <p>13. Herbal cosmetics</p> <p>14. Herbal excipients</p> |
| <b>33</b>                               | <b>BP606T</b>            | Quality Assurance – Theory                | <p>1. Learn about the various concepts of quality assurance.</p> <p>2. Gain knowledge about various regulatory aspects of GMP, cGMP etc.</p> <p>3. Learn about various validation techniques, calibration and adherence to quality assurance.</p> <p>4. Learn about the concepts of TQM. IPR. ISO, SOP and other regulations.</p> <p>5. Design and develop the stability testing protocol for drugs.</p>                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Course of Study Seventh Semester</b> |                          |                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>34</b>                               | <b>BP701T and BP705P</b> | Instrumental Methods of Analysis – Theory | <p>1. To study interaction of matter with electromagnetic radiations and its applications in drug analysis, interpretation thereof.</p> <p>2. To gain basic knowledge about the chromatographic separation techniques and analysis of drugs.</p> <p>3. To obtain hands on training for quantitative &amp; qualitative analysis</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

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|    |         |                                     | of drugs using various analytical instruments.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 35 | BP702T  | Industrial PharmacyII – Theory      | <ol style="list-style-type: none"> <li>1.Focus based learning on the advance concepts the various pharmaceutical dosage forms design and development.</li> <li>2.Learn about real time industrial functionalities.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| 36 | BP703T  | Pharmacy Practice – Theory          | <ol style="list-style-type: none"> <li>1.Learn about the rational use of drugs.</li> <li>2. Understand and gain idea about pharmacoeconomics and its influence in health care management.</li> <li>3. Obtain idea about drug information center and its working.</li> <li>4. Understand the health policies that are to be adhered.</li> <li>5. Learn computational analysis about patient history and therapeutic management.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                        |
| 37 | BP704T  | Novel Drug Delivery System – Theory | <ol style="list-style-type: none"> <li>1.Understand ddevelopment of novel drug delivery systems.</li> <li>2.To learn about the criteria for selection of drugs, polymers and additives for the development of Novel drug delivery systems and its evaluation thereof.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| 38 | BP706PS | Practice School*                    | <ol style="list-style-type: none"> <li>1. The students will be able to acquire knowledge and advance terminologies based on their choice of school.</li> <li>2. Gain hands on training on the practical aspects of various schools of choice like (in school of OSD, TDDS, micro encapsulation, novel drug delivery system etc., they will learn all aspects of in relation to respective schools including its formulation and evaluation similarly in school of Validation, phytochemicals etc they will learn the practical applicability of each school. Under school of herbal drugs they will learn the aspects of advancement related to herbal drug,under school of pharmacological screening methods learn about practicals aspects of the drug screening and therapeutic benefit establishment process etc.</li> </ol> |

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|                                        |               |                                        | Same way under school of chemistry they learn about over all synthetic procedures involved in synthesis of drug products etc., there are other schools that contribute to the practical learning and hands on training that will benefit a student to face the challenging aspects of any professional work outs.                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Course of Study Eighth Semester</b> |               |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>38</b>                              | <b>BP801T</b> | Biostatistics and Research Methodology | <ol style="list-style-type: none"> <li>1. Students shall able to know the operation of M.S. Excel, SPSS, R and MINITAB®, DoE (Design of Experiment).</li> <li>2. To know the various statistical techniques to solve statistical problems.</li> <li>3. To learn statistical techniques in solving the research problems.</li> </ol>                                                                                                                                                                                                                                                                                                                                                          |
| <b>39</b>                              | <b>BP802T</b> | Social and Preventive Pharmacy         | <ol style="list-style-type: none"> <li>1. Develop a strong awareness of current issues surrounding medical and pharmaceutical difficulties in the nation and around the world.</li> <li>2. Develop ability to think critically based on recent advancements in healthcare.</li> <li>3. Develop approaches to resolving concerns with health and pharmaceuticals.</li> </ol>                                                                                                                                                                                                                                                                                                                  |
| <b>40</b>                              | <b>BP803T</b> | Pharma Marketing Management            | <ol style="list-style-type: none"> <li>1. Gain knowledge about requirement of planning, organizing, staffing and controlling.</li> <li>2. Learn about concepts of management in accordance to various areas.</li> <li>3. Develop leadership skills.</li> <li>4. Learn the basic concepts of accounting and process to enter details in ledger posting, book entry &amp; preparation of balance sheets etc.</li> <li>5. Learn how economics is influenced with market demand and supply.</li> <li>6. Know the various modes of marketing with adherence to salesmanship and its ethics also develop plans to carry out market research.</li> <li>7. Learn about budget preparation</li> </ol> |



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|           |               |                                                | and the process of inventory control and maintenance.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>41</b> | <b>BP804T</b> | Pharmaceutical Regulatory Science              | <ol style="list-style-type: none"> <li>1. Gain knowledge of the process used in drug development and discovery.</li> <li>2. Get familiar with the regulatory bodies and organizations that oversee the production and distribution of medications, cosmetics and pharmaceuticals .</li> <li>3. Learn how to register for both Indian and international markets and the regulatory clearance process.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>42</b> | <b>BP806T</b> | Quality Control and Standardization of Herbals | <p>Students will learn about:</p> <ol style="list-style-type: none"> <li>1. Various aspects of WHO guideline for quality analysis of herbal drugs.</li> <li>2. Regulations and quality assurance of herbal products.</li> <li>3. Regulatory approval process and their registration in both Indian and international markets in accordance with EU and ICH guidelines for quality control of herbal drugs.</li> <li>4. Research guidelines for Evaluating the Safety and Efficacy of Herbal Medicines.</li> <li>5. Evaluation of commercial crude drugs intended for use</li> <li>6. Quality assurance in herbal drug industry of cGMP, GAP, GMP and GLP in traditional system of medicine.</li> <li>7. Stability testing of herbal medicines.</li> <li>8. Application of various chromatographic techniques in standardization of herbal products.</li> <li>9. Preparation of documents for new drug application and export registration.</li> <li>10. Role of chemical and biological markers in standardization of herbal products.</li> </ol> |
| <b>43</b> | <b>BP809T</b> | Cosmetic Science                               | <ol style="list-style-type: none"> <li>1. Gain idea about cosmetic formulations and adherence to regulations while formulating such</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

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|    |         |                                     | <p>products</p> <p>2. Differentiate between pharmaceuticals and cosmetics as well as learn about the products that can be part of Indian market and the one that cannot be.</p> <p>3. Learn about the quality control tests for cosmetic products.</p> <p>4. Gain expertise in developing new and advance cosmetic products.</p>                                                          |
| 44 | BP811T  | Advanced Instrumentation Techniques | <p>1. Gain expertise in studying about interaction of matter with electromagnetic radiations and its applications in drug analysis, interpretation thereof.</p> <p>2. Gain basics about the chromatography separation techniques and analysis of drugs.</p> <p>3. Obtain hands on training for quantitative &amp; qualitative analysis of drugs using various analytical instruments.</p> |
| 45 | BP813PW | Project Work                        | <p>1. Ability to develop leadership quality and team work.</p> <p>2. Learn how to collect literature and develop road map for project.</p> <p>3. To design the new research projects.</p> <p>4. Learn to evaluate the obtained experimental data and draw conclusions.</p>                                                                                                                |

| Programme Outcomes (PO)                                |                         |                                                                                                                                                                                          |
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| M. Pharm (Pharmaceutics and Pharmaceutical Technology) |                         |                                                                                                                                                                                          |
| PO1                                                    | Research Ability        | The capacity to conduct original research and development, make use of cutting-edge resources and apply one's own planning, problem-solving, and analytical skills to real-world issues. |
| PO2                                                    | Technical Communication | Develop a strong communication skills and the ability to write and present technical documents / reports based on scientific aspects.                                                    |
| PO3                                                    | Expertise Demonstration | Gain expertise in one's area of pharmaceutical study, as well as in related fields such as education, industry, medicine and other related fields such as manufacturing, healthcare and  |

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|                                                                |                              | administration.                                                                                                                                                                                                                                         |
| <b>PO4</b>                                                     | Professional Leadership      | A capacity to lead in terms of team building, planning, inspiring, and morally carrying out professional tasks, as well as establishing a professional identity within the community.                                                                   |
| <b>PO5</b>                                                     | Environment & Sustainability | An understanding to create awareness and adopt to procedures in order to reduce, reuse and recycle waste to minimize the load on non-renewable resources.                                                                                               |
| <b>Programme specific outcomes (PSO)</b>                       |                              |                                                                                                                                                                                                                                                         |
| <b>PSO</b>                                                     | <b>Key Concept</b>           | <b>Explanation</b>                                                                                                                                                                                                                                      |
| <b>PSO1</b>                                                    | Formulation and Development  | Design safe, effective pharmaceutical dosage forms, including novel drug delivery systems and cosmetics, using drug delivery system principles.                                                                                                         |
| <b>PSO2</b>                                                    | Unit Operations              | Take up leadership, develop proper planning, manage and execute unit operations for environmentally sustainable pharmaceutical and cosmetic manufacturing.                                                                                              |
| <b>PSO3</b>                                                    | Regulatory Compliance        | Obtain ability to adhere to regulatory requirements and fulfill the same while developing the formulations.                                                                                                                                             |
| <b>PSO4</b>                                                    | Use of modern tools          | Formulation development and pharmacokinetic investigation using modern scientific instruments and computational analysis. The students can also learn about usage of simulation models to enable them to precise work out.                              |
| <b>PSO5</b>                                                    | Research Methodology         | Be able to communicate with a scientific audience through reports, thesis or presentations that have been written with proper understanding, planning and with application of the concepts of research technique in pharmaceutical product development. |
| <b>Programme Outcomes (PO)</b>                                 |                              |                                                                                                                                                                                                                                                         |
| <b>M.Pharm (Pharmaceutical Analysis and Quality Assurance)</b> |                              |                                                                                                                                                                                                                                                         |
| <b>PO1</b>                                                     | Research Ability             | The capacity to conduct original                                                                                                                                                                                                                        |



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|                                          |                                           | research and development, make use of cutting-edge resources and apply one's own planning, problem-solving, and analytical skills to real-world issues.                                                        |
| <b>PO2</b>                               | Technical Communication                   | Develop a strong communication skills and the ability to write and present technical documents / reports based on scientific aspects.                                                                          |
| <b>PO3</b>                               | Expertise Demonstration                   | Develop expertise in one's area of pharmaceutical study, as well as in related fields such as education, industry, medicine and other related fields such as manufacturing, healthcare and administration.     |
| <b>PO4</b>                               | Professional Leadership                   | A capacity to lead in terms of team building, planning, inspiring, and morally carrying out professional tasks, as well as establishing a professional identity within the community.                          |
| <b>PO5</b>                               | Environment & Sustainability              | An understanding to create awareness and adopt to procedures in order to reduce, reuse and recycle waste to minimize the load on non-renewable resources.                                                      |
| <b>Programme specific outcomes (PSO)</b> |                                           |                                                                                                                                                                                                                |
| <b>PSO</b>                               | <b>Key Concept</b>                        | <b>Explanation</b>                                                                                                                                                                                             |
| <b>PSO1</b>                              | Analytical and Development                | Design safe, effective pharmaceutical method validation for determination of drugs and drug products, analyze errors if any and develop a risk management approach using PAT tools for better quality control. |
| <b>PSO2</b>                              | Data interpretation of analytical samples | Take up leadership, develop proper planning, manage and execute unit operations for environmentally sustainable pharmaceutical analysis.                                                                       |
| <b>PSO3</b>                              | Bio fluid analysis and Compliance         | Obtain ability to adhere to regulatory requirements and fulfil the same while developing the analytical method validation of biological products or bio fluid based systems.                                   |

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| <b>PSO4</b>                              | Use of modern tools          | Develop ideas to critically analyze the drug, drug products and detect potential interactions using modern scientific instruments and computational analysis.                                                                                        |
| <b>PSO5</b>                              | Research Methodology         | Be able to communicate with a scientific audience through reports, thesis or presentations that have been written with proper understanding, planning and with application of the concepts of research technique in pharmaceutical product analysis. |
| <b>Programme Outcomes (PO)</b>           |                              |                                                                                                                                                                                                                                                      |
| <b>M.Pharm (Pharmacology)</b>            |                              |                                                                                                                                                                                                                                                      |
| <b>PO1</b>                               | Research Ability             | The capacity to conduct original research and development, make use of cutting-edge resources and apply one's own planning, problem-solving, and analytical skills to real-world issues.                                                             |
| <b>PO2</b>                               | Technical Communication      | Develop a strong communication skills and the ability to write and present technical documents / reports based on scientific aspects.                                                                                                                |
| <b>PO3</b>                               | Expertise Demonstration      | Gain expertise in one's area of pharmaceutical study, as well as in related fields such as education, industry, medicine and other related fields such as manufacturing, healthcare and administration.                                              |
| <b>PO4</b>                               | Professional Leadership      | A capacity to lead in terms of team building, planning, inspiring, and morally carrying out professional tasks, as well as establishing a professional identity within the community.                                                                |
| <b>PO5</b>                               | Environment & Sustainability | An understanding to create awareness and adopt to procedures in order to reduce, reuse and recycle waste to minimize the load on non-renewable resources.                                                                                            |
| <b>Programme specific outcomes (PSO)</b> |                              |                                                                                                                                                                                                                                                      |
| <b>PSO</b>                               | <b>Key Concept</b>           | <b>Explanation</b>                                                                                                                                                                                                                                   |
| <b>PSO1</b>                              | Drug discovery               | Using a deep knowledge of cells and molecules, students can                                                                                                                                                                                          |

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|             |                                             | construct fundamental ideas about drug mechanisms, toxicity and evaluation using pharmacological and toxicological models. They can develop treatment regimen based on pharmacology that can be used in the research and development of new medicines. |
| <b>PSO2</b> | Data interpretation                         | Learn how to optimise the quantification of targets and leads using state-of-the-art instruments, computational, and informatics tools and techniques.                                                                                                 |
| <b>PSO3</b> | Regulatory compliance and Pharmacovigilance | Utilize and evaluate regulatory and ethical ideas in pre-clinical and clinical research for the pharmaceutical and healthcare industries in the context of community.                                                                                  |
| <b>PSO4</b> | Research methods                            | In pre-clinical and clinical research, it is important to be able to comprehend, implement and evaluate the ideas of research methodology and bio-statistics, in addition to being able to interpret data based on computational and information.      |
| <b>PSO5</b> | Scientific communication                    | Ability to build an inquiring mind through journal evaluation and technical communication and communicate same.                                                                                                                                        |

| <b>M.Pharm Program</b>                                                             |                    |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <b>Course Outcomes for M. Pharm. (Pharmaceutics and Pharmaceutical Technology)</b> |                    |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Semester-I</b>                                                                  |                    |                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>SL.N o.</b>                                                                     | <b>Course code</b> | <b>Name of the course</b>                   | <b>Course Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                           |
| 1                                                                                  | MPH101T            | Modern Pharmaceutical Analytical Techniques | <p>1. The students gain knowledge about the quality of potentially active principles and excipients uses in Pharmaceuticals.</p> <p>2. They learn to detect the impurities as well as analysis of various drugs in bulk and dosage forms.</p> <p>3. They learn to design the experiments related to analysis of drugs using various analytical tools and instruments as well as interpret the data obtained.</p> |



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| 2 | MPH102<br>T | Drug Delivery System | <p>1. Students learn about the various methods used for development of the novel drug delivery systems.</p> <p>2. They learn about the selection process for drug and polymers along with other formulation additives for formulating the delivery devices or carrier systems.</p> <p>3. Learn as well as gain hands on training on the formulation aspects and evaluation of the designed novel drug delivery systems.</p>                                                                                                                                                                                                                                                                                                                                                                                |
| 3 | MPH103<br>T | Modern Pharmaceutics | <p>1. Learn and gain knowledge about the pre-formulation studies and its significance in dosage form development.</p> <p>2. Learn about generic drugs, tablet manufacturing and challenges involved. They also gain hands on training about the challenges faced during tablet compression.</p> <p>3. Learn about the cGMP and its significance in dosage form design along with meeting the regulatory criteria.</p> <p>4. Gain knowledge about the Optimization Techniques &amp; Pilot Plant Scale Up process involved in real time manufacturing unit.</p> <p>5. Learn about the design of stability testing and its protocol, sterilization techniques and methods of sterilization.</p> <p>6. Learn about the advance techniques of packaging and its science in packing formulated dosage forms.</p> |
| 4 | MPH104<br>T | Regulatory Affair    | <p>1. Learn the concepts of drug regulation as per India, USA-FDA, EU and other regulatory bodies across the globe.</p> <p>2. Learn the concepts of innovator and generic drugs design and drug development process.</p> <p>3. Learn about the guidance's and guidelines for filing and approval process of NDA or ANDA.</p> <p>4. Acquaint self in the preparation of dossiers and their submission to regulatory agencies in different</p>                                                                                                                                                                                                                                                                                                                                                               |

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|   |          |                           | <p>countries for approvals.</p> <p>5. Learn about the post approval regulatory requirements for actives principles and finished drug products.</p> <p>6. Critically analyze the process for submission of global documents in CTD/ eCTD formats along with approval of same.</p> <p>7. Gain knowledge about clinical trials requirements for approvals to conduct clinical trials and monitor the same along with being vigilant post marketing of the products.</p> |
| 5 | MPH105 P | Pharmaceutics Practical I | <p>1. Understand development of novel drug delivery systems.</p> <p>2. To learn about the criteria for selection of drugs, polymers and additives for the development of Novel drug delivery systems and its evaluation thereof.</p>                                                                                                                                                                                                                                 |
| 6 | MPH106 P | Seminar / Assignments     | Learn about the collecting information regarding to active principles, collect literature and prepare road maps for projects, develop communication skills.                                                                                                                                                                                                                                                                                                          |

**Course Outcomes for M. Pharm. (Pharmaceutics and Pharmaceutical Technology) Semester-II**

| Sl. No. | Course code | Name of the course                                   | Course Outcomes                                                                                                                                                                                                                                                          |
|---------|-------------|------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | MPH201 T    | Molecular Pharmaceutics (Nano Tech and Targeted DDS) | <p>1. Learn the different methods for creating new carrier for delivery of drugs.</p> <p>2. Learn about the selection criteria for pharmaceuticals and polymers for the creation of NTDS.</p> <p>3. The creation and assessment of innovative drug delivery methods.</p> |
| 2       | MPH202 T    | Advanced Bio pharmaceutics & Pharmacokinetics        | <p>1. Analyze the basic and fundamental ideas of pharmacokinetics and bio pharmaceutics.</p> <p>2. Learn to develop pharmacokinetic models from raw data and analyze the same for BA and BE studies.</p>                                                                 |
| 3       | MPH203 T    | Computer Aided Drug Delivery System                  | <p>1. Students will be able to learn various aspect related to evolution of Computers in Drug Research and Development.</p> <p>2. Learn and design drug disposition computational modelling, optimization of new drug delivery system or new drug formulation.</p>       |

|   |             |                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|---|-------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |             |                             | <p>3. Learn about applications of the computer application in analysis of the drug products, clinical data development.</p> <p>4. Learn about the Robotics and artificial intelligence (AI) and there aid in drug design, calculation of fluid dynamics etc.</p>                                                                                                                                                                                                                                                           |
| 4 | MPH204<br>T | Cosmetic and Cosmeceuticals | <p>1. Learn to differentiate between pharmaceutical and cosmetic products along with basis ideas about the various active ingredients used in cosmetics and Cosmeceuticals formulations.</p> <p>2. Learn about the building blocks for design of various formulations.</p> <p>3. Analyze the current technologies in the market to develop cosmetic products</p> <p>4. Gain scientific knowledge to develop cosmetics and cosmeceuticals keeping at par with the desired criteria like safety, stability and efficacy.</p> |
| 5 | MPH205<br>P | Pharmaceutics Practical II  | Learn about designing encapsulated products based on polymeric carrier device system, interpret the pharmacokinetic aspects of newly formulated drug products.                                                                                                                                                                                                                                                                                                                                                             |
| 6 | MPH206<br>P | Semianr / Assignment        | Learn presentation skills, search various drug databases and carry out plans for topic of research and preparation of schemes thereof.                                                                                                                                                                                                                                                                                                                                                                                     |

### M.Pharm

#### Course Outcomes for M. Pharm. ((Pharmaceutical Analysis) Semester-I

| Sl. No. | Course code | Name of the course                          | Course Outcomes                                                                                                                                                                                                                                                                                                                                                                     |
|---------|-------------|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | MPA101<br>T | Modern Pharmaceutical Analytical Techniques | <p>1. The students gain knowledge about the quality of potentially active principles and excipients uses in Pharmaceuticals.</p> <p>2. They learn to detect the impurities as well as analysis of various drugs in bulk and dosage forms.</p> <p>3. They learn to design the experiments related to analysis of drugs using various analytical tools and instruments as well as</p> |



|   |             |                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---|-------------|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |             |                                        | interpret the data obtained.                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| 2 | MPA102<br>T | Advanced<br>Pharmaceutical Analysis    | <p>1. Students shall able to acquire appropriate analytical skills required for the analytical method development.</p> <p>2. Students shall able to know principles of various reagents used in functional group analysis that renders necessary support in research methodology and demonstrates its application in the practical related problems.</p> <p>3. Students shall able to know analysis of impurities in drugs, residual solvents and stability studies of drugs and biological products.</p> |
| 3 | MPA103<br>T | Pharmaceutical Validation              | Understand the aspects of validation, develop validated methods for manufacturing of dosage forms.                                                                                                                                                                                                                                                                                                                                                                                                        |
| 4 | MPA104<br>T | Food Analysis                          | Gain knowledge about food supplements, additives, analyze the effects of the agricultural chemicals on human system. Learn about food legislation and                                                                                                                                                                                                                                                                                                                                                     |
| 5 | MPA105<br>P | Pharmaceutical Analysis<br>Practical I | Learn techniques for interpretation of purity of the drugs and additives, handle spectroscopic instruments and interpret data generated for the same.                                                                                                                                                                                                                                                                                                                                                     |
| 6 | MPA106<br>P | Seminar / Assignments                  | Learn about the collecting information regarding to active principles, collect literature and prepare road maps for projects, develop communication skills.                                                                                                                                                                                                                                                                                                                                               |

### M.Pharm

#### Course Outcomes for M. Pharm. ((Pharmaceutical Analysis) Semester-II

| Sl. No. | Course code | Name of the course               | Course Outcomes                                                                                                                                                                                                                                                                                                       |
|---------|-------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | MPA201<br>T | Advanced Instrumental Analysis   | <p>1. Learn about the interpretation of various organic compounds using spectroscopic techniques like NMR, mass and IR spectra.</p> <p>2. Develop abilities to learn the practical aspects of various instruments and their use in analysis of drugs.</p> <p>3. Learn the ability to identify organic substances.</p> |
| 2       | MPA202<br>T | Modern Bio-Analytical Techniques | 1. Learn the techniques for extraction of drugs from biological samples.                                                                                                                                                                                                                                              |

|   |          |                                       |                                                                                                                                                                                                                                                                                                                                                                      |
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|   |          |                                       | <p>2. Gain knowledge about the separation of drugs from biological samples using different approaches</p> <p>3. Design BA and BE studies in accordance to the regulatory guidelines</p>                                                                                                                                                                              |
| 3 | MPA203 T | Quality Control and Quality Assurance | <p>1. Understand the principles of cGMP and its applicability in a pharmaceutical unit.</p> <p>2. Learn various aspects of documentation and auditing process.</p> <p>3. To analyze and understand the importance of quality certifications and its need in industries.</p> <p>4. Learn to take responsibilities of QA &amp; QC departments for future endeavour</p> |
| 4 | MPA204 T | Herbal and Cosmetic Analysis          | <p>1. Establishing regulations for herbal treatments based on respective monographs and studies of natural goods</p> <p>2. Analyzing herbal drug-drug interactions principles for evaluating the performance of cosmetics</p>                                                                                                                                        |
| 5 | MPA205 P | Pharmaceutical Analysis Practical II  | Learn about various instruments used in pharmaceutical analysis, generate data about detection of active principles as well as impurities using the same and interpret the data to identify any deviations both in bulk, dosage form and combination formulas.                                                                                                       |
| 6 | MPA206 P | Seminar/ journal Club                 | Learn presentation skills, search various drug databases and carry out plans for topic of research and preparation of schemes thereof.                                                                                                                                                                                                                               |

#### M.Pharm

#### Course Outcomes for M. Pharm. ((Pharmacology) Semester-I

| Sl. No. | Course code | Name of the course                          | Course Outcomes                                                                                                                                                                                                                                                                  |
|---------|-------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1       | MPL101T     | Modern Pharmaceutical Analytical Techniques | <p>1. The students gain knowledge about the quality of potentially active principles and excipients uses in Pharmaceuticals.</p> <p>2. They learn to detect the impurities as well as analysis of various drugs in bulk and dosage forms.</p> <p>3. They learn to design the</p> |

|                                                                  |                    |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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|                                                                  |                    |                                                          | experiments related to analysis of drugs using various analytical tools and instruments as well as interpret the data obtained.                                                                                                                                                                                                                                                                                                                            |
| 2                                                                | MPL102T            | Advanced Pharmacology-I                                  | <ol style="list-style-type: none"> <li>1. Gain knowledge about the pharmacodynamics and pharmacokinetics of a drug and the correlation of the same.</li> <li>2. Learn to recommend drug for management of pathologic conditions.</li> <li>3. Learn about the various adverse effects, contraindication and clinical uses of drugs used in treatment of diseases.</li> </ol>                                                                                |
| 3                                                                | MPL103T            | Pharmacological screening and toxicological methods I    | <ol style="list-style-type: none"> <li>1. Learn about regulation, ethical requirements and maintenance &amp; handling of experimental animals.</li> <li>2. Know about the GLP used in Drug discovery process.</li> <li>3. Analyse the various screening models for evaluating efficacy of the drugs.</li> <li>4. Learn about the development of animal models and use the same for determination of both therapeutic and toxicological aspects.</li> </ol> |
| 4                                                                | MPL104T            | Cellular and Molecular Pharmacology                      | <ol style="list-style-type: none"> <li>1. Gain knowledge about the receptor signal transduction aspects and molecular pathways.</li> <li>2. Learn the applicability of molecular pharmacology and biomarkers in drug discovery process.</li> <li>3. Learn molecular biology techniques as applicable for pharmacology.</li> </ol>                                                                                                                          |
| 5                                                                | MPL105P            | Pharmacology Practical I                                 | Learn about the basic approaches to design in vivo studies, handle animals for pre-clinical trials, and design and develop in-vivo assay procedures.                                                                                                                                                                                                                                                                                                       |
| 6                                                                | MPL106P            | Seminar/ journal Club                                    | Learn about the collecting information regarding to active principles, collect literature and prepare road maps for projects, develop communication skills.                                                                                                                                                                                                                                                                                                |
| <b>Course Outcomes for M. Pharm. ((Pharmacology) Semester-II</b> |                    |                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Sl. No.</b>                                                   | <b>Course code</b> | <b>Name of the course</b>                                | <b>Course Outcomes</b>                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 1                                                                | MPL201T            | Pharmacological and Toxicological Screening Methods – II | <ol style="list-style-type: none"> <li>1. Learn the mechanism of drug actions at cellular and molecular level.</li> <li>2. Gain the knowledge of the Pathophysiology and pharmacotherapy of different diseases.</li> </ol>                                                                                                                                                                                                                                 |



|                                                             |         |                                                          |                                                                                                                                                                                                                                                                                                                                                                                  |
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|                                                             |         |                                                          | 3. Learn about the various adverse effects, contraindication and clinical uses of drugs used in treatment of diseases.                                                                                                                                                                                                                                                           |
| 2                                                           | MPL202T | Pharmacological and Toxicological Screening Methods – II | 1. Know about the various types of toxicity studies.<br>2. Learn about regulation, ethical requirements and maintenance & handling of experimental animals.<br>3. Know about the GLP used in Drug discovery process.<br>4. Gain practical skills required to conduct the preclinical toxicity studies                                                                            |
| 3                                                           | MPL203T | Principles of Drug Discovery                             | Learn about the processes involved in drug discovery, from the identification of a target to the validation of that target and the identification and optimization of lead compounds. Realize how important genomics, proteomics, and bioinformatics are to the drug discovery process. Take advantage of computer-assisted drug design software when looking for new medicines. |
| 4                                                           | MPL204T | Clinical Research and Pharmacovigilance                  | Learn about various types of regulatory guidelines for conducting clinical trials. Know about the principles of Pharmacovigilance and Monitor the therapeutic effect of the drug as well as report ADRs if any.                                                                                                                                                                  |
| 5                                                           | MPL205P | Pharmacology Practical II                                | Learn about principles of bioassays, carry out toxicological studies in accordance to regulatory guidelines. Reprt the ADRs. Know about different in-silico pharmacophore based screening.                                                                                                                                                                                       |
| 6                                                           | MPL506P | Seminar/ journal Club                                    | Learn presentation skills, search various drug databases and carry out plans for topic of research and preparation of schemes thereof.                                                                                                                                                                                                                                           |
| <b>M. Pharm 3<sup>rd</sup> All Branches Course Outcomes</b> |         |                                                          |                                                                                                                                                                                                                                                                                                                                                                                  |
| 1                                                           |         | JOURNAL CLUB                                             | Learn to search and collect articles from various scientific databases, design presentation with scientific approaches.                                                                                                                                                                                                                                                          |
| 2                                                           |         | RESEARCH METHODOLOGY & BIOSTATISTICS                     | Learn basic concepts of statistics and statistical analysis. Learn the technical aspects of various computational operations like Excel, Matlab, SPSS, MINITAB, DoE (Design of Experiment), JMP etc. Gain expert hand in calculus with problem solving                                                                                                                           |

|                                                                     |  |                                           |                                                                                                                                                                          |
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|                                                                     |  |                                           | approach.                                                                                                                                                                |
| 3                                                                   |  | DISCUSSION/<br>PRESENTATION<br>(PROPOSAL) | Students will gain knowledge to segregate the information collected and categorize the collected literature for presentation, design road map for the proposed research. |
| <b>M.Pharm 4<sup>th</sup> semester All Branches Course Outcomes</b> |  |                                           |                                                                                                                                                                          |
| 1                                                                   |  | RESEARCH WORK                             | Plan and execute the proposed road map for experiments.                                                                                                                  |
| 2                                                                   |  | JOURNAL CLUB                              | Learn to search and collect articles from various scientific databases, design presentation with scientific approaches in a more detailed manner.                        |
| 3                                                                   |  | FINAL<br>PRESENTATION                     | Summarize all data generated from the experiments as well as interpret the data and conclude the research works.                                                         |