

### Organizing Committee :

Patron : Dr. M. K. Mishra *Vice-Chancellor*  
Chief Coordinator – QIP : Dr. S. Samanta *Professor & Head*  
Coordinator – QIP : Dr. K. Jayaram Kumar *Professor*

### Course Coordinators :

Pharmacognosy Division: Dr. (Mrs.) Anima Pandey  
Dr. Sugato Banerjee  
Pharmaceutics Division : Dr. Sandeep Kumar Singh  
Dr. Trishna Bal  
Pharm. Chemistry & Pharmacology Division : Dr. Manik Ghosh  
Dr. M. P. Chopra

### Advisory Committee:

Dr. P. R. P. Verma Dr. B. N. Sinha Dr. S. Jha Dr. R. N. Gupta,  
Dr. (Ms.) Swastika Ganguly Dr. (Mrs.) Papiya Mitra Mazumder,  
Dr. (Mrs.) S. M. Verma

### Reception, Inauguration & Valedictory:

Dr. Swastika Ganguly Mrs. S. G. Panpalia  
Dr. (Mrs.) S. M. Verma Mr. Sarad Kumar

### Registration & Course Materials:

Dr. (Mrs.) Papiya M. Mazumder Dr. K. K. Pradhan  
Mr. Shailesh Kr. Singh Mrs. Sabita Kumari

### Course Management & Technical Support:

Dr. Venkatesan J. Dr. Abhimanyu Dev Mr. Ashutosh Behera

### Hospitality & Accommodation :

Dr. M. Chandra Dr. S. P. Pattanayak  
Dr. (Mrs.) Neelima Sharma Dr. Ashok Patnaik  
Mr. Sanjay Shukla Mr. Sanjeev K. Singh

### Transport :

Dr. K. K. Pradhan Dr. Biswatrish Sarkar  
Mr. Sanjay Shukla Mr. Niraj Lakra

### Finance :

Dr. (Mrs.) Neelima Sharma Dr. Animesh Ghosh  
Mrs. A. Mukherjee Mr. A. K. Singh Mr. Rajender Mahto

PA System : Dr. A Mustafi  
Electricity : Dr. P. R. Thakura Mr. Manish  
Water Supply : Dr. Naresh Kumar Mr. Vinod Kr. Singh  
Security : Dr. Mahesh Chandra Mr. Sanjay Singh

### Who May Attend?

Teachers from Degree & Diploma Institutes in Pharmacy approved by AICTE / PCI on first come first served basis.

### Travel & Accommodation:

All Participants will be reimbursed to and fro, 3rd AC railway fare through shortest route. Participants from North-East will be reimbursed to and fro Economy Class Airfare up to Kolkata (through shortest route). Accommodation will be arranged for all participants on prior intimation

### IMPORTANT DATES:

Division	Registration Ends	Program Starts on
Pharmaceutics	26th Nov 2018	30th Nov 2018
Pharm. Chemistry & Pharmacology	7th Jan 2019	11th Jan 2019
Pharmacognosy	25th Jan 2019	1st Feb 2019

(Limited to 30 participants in each Program on first come first served basis)

Mail your Registration Form duly filled to [pharmqip@bitmesra.ac.in](mailto:pharmqip@bitmesra.ac.in) and hard copy to address below

#### DR. S. SAMANTA

Professor & Head  
Chief Coordinator – QIP  
Dept. of Pharm. Sciences & Technology  
BIT, Mesra, Ranchi 835215 (Jharkhand)

or

#### DR. K. JAYARAM KUMAR

Professor  
Coordinator – QIP  
Dept. of Pharm. Sciences & Technology  
BIT, Mesra, Ranchi 835215 (Jharkhand)

### ACKNOWLEDGEMENT

All correspondence will be made through E-mail only. Please mention your E-mail ID correctly in CAPITAL Letters only. For any further information, respective coordinators may please be contacted.

### PHARMACEUTICS DIVISION:

Dr. Sandeep K. Singh ([sandympharm@yahoo.com](mailto:sandympharm@yahoo.com))  
Dr. Trishna Bal ([trishna.bal@bitmesra.ac.in](mailto:trishna.bal@bitmesra.ac.in))

### PHARMACEUTICAL CHEMISTRY & PHARMACOLOGY DIVISION:

Dr. Manik Ghosh ([manik@bitmesra.ac.in](mailto:manik@bitmesra.ac.in))  
Dr. M. P. Chopra ([mpchopra@bitmesra.ac.in](mailto:mpchopra@bitmesra.ac.in))

### PHARMACOGNOSY DIVISION:

Dr. (Mrs.) A. Pandey ([animapandey11@gmail.com](mailto:animapandey11@gmail.com))  
Dr. Sugato Banerjee ([sbanerjee@bitmesra.ac.in](mailto:sbanerjee@bitmesra.ac.in))

### QIP Cell

Dr. Kishanta K. Pradhan : +919570150105  
Dr. Animesh Ghosh : +919470339587  
Dr. Biswatrish Sarkar : +919430764892  
Dr. Neelima Sharma : +919470978418  
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AICTE  
Sponsored

## QUALITY IMPROVEMENT PROGRAMME

ON

### Innovations and Challenges in Newer Drug Delivery System

(Division of Pharmaceutics)

November 30 – December 13, 2018

### Cutting Edge & Emerging Technologies in Pharmaceutical Education & Research

(Division of Pharmaceutical Chemistry & Pharmacology)

January 11 – 24, 2019

### Developmental Path of Phytopharmaceuticals towards Future Perspective

(Division of Pharmacognosy)

February 1 - 15, 2019

ORGANISED BY :



### DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY

(UGC-SAP & DST-FIST Supported Department)

### BIRLA INSTITUTE OF TECHNOLOGY

MESRA-835215, RANCHI (JHARKHAND)



## BIRLA INSTITUTE OF TECHNOLOGY :

The Birla Institute of Technology was established in the year 1955 at Mesra, Ranchi, Jharkhand by the Philanthropist – Industrialist Late Sri B. M. Birla with a vision to establish a world – class institution to cater Engineering, Technology, Pharmaceutical, Management and other allied sciences. The Institute over last decades ranked well among top of the best Technical Universities of the country. The Institute offers Undergraduate, Postgraduate and Doctoral Program

## DEPARTMENT OF PHARMACEUTICAL SCIENCES & TECHNOLOGY :

The Department of Pharmaceutical Sciences & Technology, Birla Institute of Technology established in 1972. The department caters the needs of Pharmaceutical Education in this part of the country having B. Pharm, M. Pharm. in five disciplines & Ph. D. programs recognized by PCI, AICTE, UGC and DST. The Department has been ranked 13th in the country by NIRF/MHRD, Govt. of India during 2017-18. Meritorious students (GPAT & Non GPAT) from all over India can avail opportunities for higher education. The Department has been recognized as Q.I.P centre by AICTE. Department has been conducting Q.I.P programs for last 10 years which is very popular among pharmacy teachers. The Department has state of the art facilities for analysis of drugs with sophisticated instruments. It has medicinal plant garden spread over in five acres of land. Department is actively involved in research encompassing Synthetic Chemistry, Analytical Chemistry, Natural Products' Chemistry, Novel Drug Delivery System, Molecular Pharmacology, Herbal Standardization and Formulations besides Computer Aided Drug Design. Computational chemistry lab is rich with drug design and discovery software

## AICTE SPONSORED QUALITY IMPROVEMENT PROGRAMME :

Department of Pharmaceutical Sciences has been organizing the Quality Improvement Programme for last nine years.

The current QIP Programme comprises of three programmes of two weeks duration each.

### 1. Pharmacognosy Division:

Globally, herbal medicine and natural supplements are gaining popularity from both therapeutic and nutritional perspective. Phytopharmaceuticals have been playing an important role in the process of drug discovery. However, due to insufficient evidences of safety, efficacy, standardization, and inconsistent production practices drug regulatory agencies are being more stringent on the above aspects of phytomedicine. Pharmacognosy division will emphasize on recent innovations and potential challenges in the developmental path of phytopharmaceuticals.

### 2. Pharmaceutics Division:

Pharmaceutics division would address the issues related to recent innovations and challenges in drug delivery system. Newer drug delivery technologies are being applied for solving problems related to pharmaceutical, biopharmaceutical and pharmacokinetic aspects. During the programme, emphasis will be given on development of various novel drug delivery system in order to combat the issues of bioavailability faced by difficult drugs.

### 3. Pharmaceutical Chemistry & Pharmacology Division:

The research in the field of pharmaceuticals is changing rapidly and thus we need to incorporate new findings in our pharmacy education system. Most of these researches are available online. Our focus is on sharing and developing essential skills that faculty needs to successfully navigate their research and teaching careers. Up-gradation is required in terms of soft skills and effective use of information and communication technology in education. It is thus an urgent national requirement that all our teachers, at least those teaching in UG and PG levels, are empowered to use technology effectively, to enhance the quality of education. Our QIP will address these needs and will give newer insights on pharmacy education and research in the field of Pharmacology and Pharmaceutical Chemistry.

## REGISTRATION FORM

(All fields are Mandatory.

Please fill the form in Capital letters only including E-mail ID)

(Photocopies may be used)



Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Qualification: \_\_\_\_\_

Age: \_\_\_\_\_ Sex: \_\_\_\_\_

Official Address: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Phone (Off): \_\_\_\_\_

Mobile: \_\_\_\_\_

E-mail: \_\_\_\_\_

Accommodation required: Yes/No

Registration fee Rs. 500/- to be paid in the form of DD\* in favor of "Birla Institute of Technology, Mesra" payable at Ranchi for each program.

DD no. \_\_\_\_\_ Date of issue \_\_\_\_\_

Issuing Bank \_\_\_\_\_

(\* DD is refundable subject to attending the course.)

Interested to Register & Participant in \_\_\_\_\_

Division \_\_\_\_\_

(Signature of the Participant)

Date:

Forwarded by Principal / Head  
(Signature with seal)