

Organizing Committee

Chairman: Dr. Ajay Chakrabarty Vice-Chancellor
Chief Professor & Dean
Coordinator- QIP: Dr. D. Sasmal (Admission & Academic Coordination)
Coordinator- QIP Cell: Dr. B. N. Sinha Professor & Head

Course Coordinators

Pharmaceutics Division : Dr. R. N. Gupta
Dr. S. K. Singh
Pharm. Chemistry & Pharmacology Division : Dr. S. Samanta
Mr. Ashok Pattanik
Pharmacognosy Division : Dr. K. Jayaram Kumar
Dr. (Mrs.) Anima Pandey
Advisory Committee : Dr. P. R. P. Verma Dr. S. Jha

Reception, Inauguration & Valedictory:

Dr. S. Jha Mrs. S. G. Panpalia
Dr. (Mrs.) S. M. Verma Dr. (Mrs.) Neelima Sharma
Mrs. Nibha Mishra Ms. Trishna Bal
Mrs. Manjulee Kumari Mr. K. N. Singh

Registration & Course Materials:

Dr. S. Samanta Dr. (Mrs.) Papiya Mitra Mazumder
Dr. (Mrs.) S. M. Verma Mr. A. K. Pattnaik
Mr. A. Basu Dr. (Mrs.) N. Sharma

Academic Coordination:

Dr. (Ms.) S. Ganguly Dr. Venketesan J. Mr. D. M. Biyani
Mr. A. Basu Mrs. Nibha Mishra Mr. S. P. Pattanayak

Accommodation:

Dr. P. C. Joshi Dr. Anand K. Sinha Mrs. S. G. Panpalia
Dr. (Mrs.) Anima Pandey Mr. B. Sarkar Mr. M. M. P. Yadav

Hospitality & Transport:

Mrs. S. G. Panpalia Mr. A. Basu Mr. S. P. Pattanayak
Dr. Animesh Ghosh Mr. M. P. Sinha Mr. M. M. P. Yadav

Course Management & Technical Support:

Mr. S. P. Pattanayak Mr. M. P. Sinha Mr. S. P. Singh
Mr. P. K. Singh Mr. Shailesh Singh Mr. Rajender Mahto

Finance:

Dr. S. Jha Sri G. S. Sharma Sr. A. K. Singh

PA System: Electricity: Security:

Mr. Vishal Shah Dr. D. K. Mohanta Sri Joseph Horo

Who May Attend?

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

Travel & Accommodation:

To & fro, sleeper class railway fare through shortest route will be given. Accommodation will be arranged with prior intimation.

Important Dates:

Division	Registration Ends	Program Starts on
Pharmaceutics	26th October 2011	06th November 2011
Pharm. Chemistry & Pharmacology	11th November 2011	20th November 2011
Pharmacognosy	24th November 2011	04th December 2011

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

Contact Information

Mail your Registration Form duly filled to:

Dr. D. Sasmal Professor
Chief Coordinator – QIP
Dept. of Pharm. Sciences
BIT, Mesra, Ranchi
(Jharkhand)
pharmqip@bitmesra.ac.in

Dr. B. N. Sinha Professor & Head
Coordinator – QIP Cell
Dept. of Pharm. Sciences
BIT, Mesra, Ranchi
(Jharkhand)
pharmqip@bitmesra.ac.in

For any further information, respective coordinators may please be contacted.

Pharmaceutics Division:

Dr. R. N. Gupta (rngupta@bitmesra.ac.in)
Dr. Sandeep K. Singh (sandypharm@yahoo.com)
Pharmaceutical Chemistry & Pharmacology Division:
Dr. S. Samanta (samanta_bitmesra@yahoo.co.in)
Mr. Ashok Kumar Pattnaik (ashokp29@yahoo.com)

Pharmacognosy Division:

Dr. K. Jayaram Kumar (jayaram_res@yahoo.com)
Dr. (Mrs.) Anima Pandey (animapandey11@gmail.com)

All correspondence will be made through E-mail only. Please mention your E-mail ID correctly in CAPITAL Letters.

QIP Cell

Mr. Manik Ghosh : 09430360991
Mr. Abhimanyu Dev : 09955165915
Mr. Biswatrish Sarkar : 09430764892
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AICTE
SPONSORED

QUALITY IMPROVEMENT PROGRAMME 2011

ON

NANOTECHNOLOGY BASED
DRUG DELIVERY SYSTEMS
(Division of Pharmaceutics)

November 06 – 19, 2011

RECENT TRENDS IN DISCOVERY,
DEVELOPMENT AND
PHARMACOLOGICAL SCREENING OF
NOVEL THERAPEUTICS
(Division of Pharmaceutical Chemistry &
Pharmacology)

November 20 – December 03, 2011

NOVEL DRUG DELIVERY SYSTEMS
IN HERBAL DRUGS
(Division of Pharmacognosy)

December 04 – December 17, 2011



ORGANISED BY

DEPARTMENT OF PHARMACEUTICAL SCIENCES
(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 Mr. 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 decade ranked well within top ten of the best Technical Universities of the country. The Institute offers Undergraduate, Postgraduate as well as Doctoral Programs.

DEPARTMENT OF PHARMACEUTICAL SCIENCES

The Department of Pharmaceutical Sciences, Birla Institute of Technology established in 1972 is playing a leading role in imparting Pharmaceutical education in the country. It has B. Pharm., M. Pharm. & Ph.D. programs recognized by P.C.I., A.I.C.T.E., U.G.C. and D.S.T. The Department has been recognized as Center for AICTE sponsored Quality Improvement Programs. The Department has in-house facilities for analysis of drugs with sophisticated instruments such as HPLC, HPTLC, UV, IR, CHN, GC etc. It has Medicinal Plants Garden spread over 10 acres of land with well equipped extraction unit for volatile oils. Department has animal house approved by CPCSEA. Department is actively involved in research encompassing Synthetic Chemistry, Natural Products' Chemistry, Novel Drug Delivery System, 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 five years. QIP 2011 would be fifth in this series.

QIP 2011 comprise of three programmes of two weeks duration each.

1. **Pharmaceutics Division** would focus upon Nanotechnology Based Drug Delivery Systems. Nanoparticles hold tremendous potential in effective drug delivery system in the modern era. During QIP, lecture / discussion will be held on recent developments in nanotechnology with special reference to its vital role in drug delivery system. To achieve efficient drug delivery, it is important to understand the interactions of nanomaterials with the biological environment, targeting cell-surface receptors, drug release, multiple drug administration, stability of therapeutic agents and molecular mechanisms of cell signaling involved in pathobiology of the disease under consideration.
2. **Pharmaceutical Chemistry and Pharmacology Division** would address the issues related to Recent Trends in Discovery, Development and Pharmacological Screening of Novel Therapeutics. The compounds to be discovered and developed using CADD based software such as GLIDE, SYBYL, FlexX, SCIGRESS Explorer are synthesized, characterized and subjected to in-vitro and in-vivo screening using Hebb-Williams Maze, Rotarod, Ethovision, NIBP and others. QIP will focus on the area of anti-diabetics, anticancer, antiulcer, analgesics and other prominent areas to establish receptor specific, potent novel therapeutics.
3. **Pharmacognosy Division** would address the issues related to Novel Drug Delivery Systems in Herbal Drugs. Formulating a novel herbal formulations like nanoparticles, nanoemulsions, nanocapsules, liposomes, phytosomes, microspheres, transferosomes etc. by using bioactive and plant extracts is being discussed with paramount importance. These formulations show promising advantages over conventional formulations in terms of enhancement of pharmacological activity, solubility, bioavailability and stability. The program will highlight the current status and various strategies to development novel drug delivery system(s) for herbal drugs.

REGISTRATION FORM

All fields are Mandatory. Please fill the form in CAPITAL Letters including E-mail ID

(Photocopies may be used)

Name :

Designation :

Qualification :

Age : Sex :

Official Address :

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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 (please tick)

QIP 1: Pharmaceutics Division ()

QIP 2: Pharm. Chem. & Pharmacology Division ()

QIP 3: Pharmacognosy Division ()

(Signature of the Participant)

Date :

Forwarded by Principal / Head
(Signature with seal)

