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National Workshop on

Characterization of Pharmaceutical Formulations (NWC PF-2020)

June 1-5, 2020



Department of
Biotechnology and Medical Engineering
National Institute of Technology, Rourkela

Convenor

Prof. K. Pal

Co-Convenor

Prof. S. S. Ray

In association with

Labindia Analytical Instruments Pvt. Ltd.
NETZSCH Technologies

About the Workshop

Characterization testing of the pharmaceutical formulations is carried out to have an understanding of the physical and chemical properties. These testing processes help understanding the performance of the developed product, quality control and troubleshooting. Further, the stability of the products can also be predicted. Such testing processes help not only in quality monitoring but also in the pharmaceutical process development.

Keeping this in mind, The Department of Biotechnology and Medical Engineering, NIT Rourkela has come up with this workshop to impart training on various characterization testing instruments and data analysis.

Instruments

- ATR-FTIR spectroscope
- Differential Scanning Calorimeter
- UV-Vis Spectroscopy
- Dissolution Apparatus
- Nanodrop Spectroscope/ Fluorimeter
- Texture Analyzer
- Reflective spectroscope
- DLS-Zetasizer
- Impedance Analyzer
- Viscometer

Potential attendees

- Undergraduate and post-graduate Students
- Research scholars
- Young faculty and scientists
- Industry personnel

Resource persons

- Dr. Kunal Pal, Associate Professor, NIT Rourkela
- Dr. Sirsendu S. Ray, Assistant Professor, NIT Rourkela
- Dr. Sumit Pal, Associate Professor, NIT Rourkela
- Dr. Preetam Sarkar, Assistant Professor, NIT Rourkela
- Dr. J. Banerjee, Labindia Analyticals Pvt. Ltd.
- Dr. D. Das, Labindia Analyticals Pvt. Ltd.

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The Institute

National Institute of Technology, Rourkela is an Institute of National Importance for technical education established by the Government of India. NIT Rourkela is a prestigious institute with a reputation for excellence in research and education at undergraduate, postgraduate and doctoral levels.

The Department

The Department of Biotechnology and Medical Engineering was established in 2007. The department is presently offering B. Tech., M. Tech. and Ph. D. degree in Biotechnology and Medical Engineering. The faculty members have diverse research interests and they conduct both basic and applied research in diverse areas like Cell & Molecular Engineering, Tissue Engineering & Biomaterials, Bioprocess Engineering, Environmental & Plant Biotechnology, Biomechanics & Biotransport Engineering, Medical Electronics & Instrumentation etc. The department is having a number of state of art laboratory well equipped for basic and applied research.



Important dates

Registration deadline: May 15, 2020

For the registration, application form should be filled online using the link given below on or before May 15, 2020. The registration is on first-register basis.

<http://bit.ly/2JpNsBh>

Registration fees

- Research Scholars and Students: Rs. 600/-
- Professionals from Academia: Rs. 1200/-
- Professionals from Industry : Rs. 3000/-

*Registration fee includes

Conference Kit. **Accommodation is not included in the registration fees.**

- Research Scholars and students will be provided with a seat in the hostel, if available, on payment basis.
- Professionals from the Academia, and Industries will be provided with Guest House facility, if available, on payment basis.

The registration fees can be paid directly by account transfer.

Branch name: SBI, NIT Campus, Rourkela

IFSC code: SBIN0002109

Account Name: CONFERENCE NIT ROURKELA

Account Number: 36734418111

Organizing Committee

Patron:

Prof.A. K. Biswas, Director,
NIT Rourkela

Organizing Committee:

Dr. A. Thirugnanam, Head of the
Department, (Chairman)

Dr. K. Pal, Convenor

Dr. S. S. Ray, Co-Convenor

Prof. K. Pramanik

Dr. M. K. Gupta

Dr. S. Paul

Dr. A. Biswas

Dr. B. P. Nayak

Dr. N. Sarkar

Dr. D. Verma

Dr. A. Sarkar

Dr. N. Patra

Dr. P. Balasubramanian

Dr. K. Dutta

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Number of participants:

15 external + 15 internal participants will be accommodated on first-register basis.