

SPONSORSHIP / NOMINATION CERTIFICATE

Prof / Dr / Mr / Ms / Mrs.
.....

is an employee of our institute and his / her application is hereby sponsored / nominated. The applicant will be permitted to attend the workshop on **“Next Generation Medical Devices: focusing on therapeutics and diagnostics”** in the Dept. of Biotechnology and Medical Engineering at NIT Rourkela during **7th-13th Feb 2022** if selected.

Our institute is (tick one):

- 1 CFTI
- 1 State Govt. Funded Institution
- 1 Other Institutions

Date. _____ Signature of Authority _____
Designation _____

Official Seal

Selected participants will be informed by E-mail.
The duly sponsored/ Nominated application form should be mailed to given email ID:

Organized by

Dr. Earu Banoth (Convener)
Dr. Khalid Mirza. (Co-Convener)
Dr. Bala Chakravarthy Neelapu (Co-Convener)
Department of Biotechnology and Medical Engg
National Institute of Technology, Rourkela
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Contact Nos. 9346381318 (Banoth)

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ABOUT NIT ROURKELA

National Institute of Technology Rourkela is an Institute of national importance created under the act of parliament. NIT Rourkela has been ranked as 225 and 29th position in QS Asia University and QS Indian University Ranking 2020, respectively. It has also been ranked in 121st position in QS BRICS category, 2020. Times Higher Education has figured NIT Rourkela in the group of 601-800 in World University Ranking 2020. The institute provides quality education in a diverse and multicultural environment. The mission of the institute is to become an internationally acclaimed institution of higher learning that will serve as a source of knowledge and expertise for the society and be a preferred destination for undergraduate and post graduate studies. The institute is offering undergraduate, post graduate and PhD programme in 21 branches of Engineering. The institute research centres are engaged in consultancy and research activities of several government bodies such as DST, DAE, CSIR, DRODO, BARC, ISRO and private industries.

DEPT. OF BIOTECHNOLOGY AND MEDICAL ENGG.

The Department of Biotechnology and Medical Engineering was established in 2007 with the objective of providing a multidisciplinary research and teaching program in Biotechnology and Medical Engineering that advances the fundamental understanding of how biological systems operate and to develop effective biology-based technologies for applications across a wide spectrum of societal needs including innovations in diagnosis, therapy of human diseases, design of novel biomaterials, biomedical devices, and in solving environmental hazards



National Institute of Technology Rourkela

High End Workshop on Next Gen Medical Devices (NGMD-2022-S1)

**Focussing on therapeutic and
diagnostics**

Feb (7th to 13th), 2022
(Online)

Patron

Prof. Simanchalo Panigrahi
Director, NIT Rourkela

Chairman

Prof. Kunal Pal HOD-BM Dept.

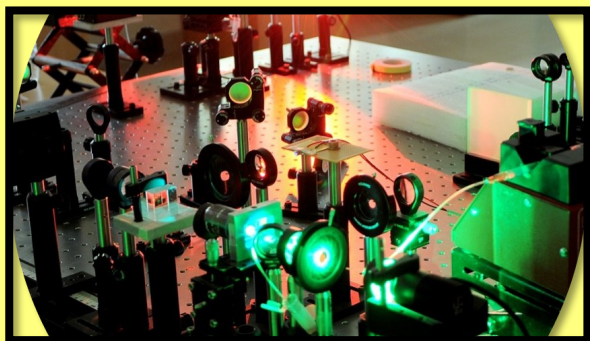


Department of Biotechnology and Medical Engineering

**National Institute of Technology
Rourkela**

ABOUT THE WORKSHOP

Medical devices are crucial tools for screening, diagnosis and to determine the next step of treatment. In this series of NGMD workshops, we will be focusing on optoelectronic instrumentation for rapid, point-of-care diagnosis and therapeutic aspects of various diseases. We will cover the state-of-the-art and future research directions in this field. The speakers consist of international experts in this field, recognized experts from premier institutions in India and major players from industry.



COURSE CONTENT

The workshop will cover the following major topics;

- Introduction to state-of-the-art optofluidic biomedical instruments for diagnostics and therapeutics
- Technology Translation from proof-of-concept to point-of-care devices.
- Current focus of industry in the area of biomedical instrumentation and role of AI in improving diagnostic outcomes.
- Clinical Implementation and challenges of Next Gen Medical devices
- Future Trends in academia and industry in this area i.e. Regulatory aspects of the medical devices and Implementation

ELIGIBILITY

The workshop is open to faculty members, research scholars and students from universities and educational institutions, and scientists and engineers from research organizations and industries, respectively.

IMPORTANT DATES

- Last date for the receipt of applications by email: scanned copy is 31st/Jan/2022
- Intimation of selection: 05th/Feb/2022
- Workshop start date: 07th /Feb/2022

TARGET AUDIENCE

Maximum number of applicants is limited to 50. The selected applicants will be provided a secured meeting code of the web platform one day before the commencement of course.

ADDRESS FOR CORRESPONDENCE:

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banothe@nitrrkl.ac.in



REGISTRATION FORM

1. Name (block letters):
2. Designation:
3. Organisation:
4. Address for communication:

Pin code: Ph. No.:

E-mail:

Fax No.:

Mobile No./ Telephone:

5. Specialisation:

6. Experience:

(a) Teaching: (b) Industrial:

7. (a) CFTI (b) State Govt (c) Other

Please register for the workshop on

“Next Generation Medical devices: focusing on therapeutic and diagnostics” to be held at Biotechnology and Medical Engineering Department, NIT Rourkela.

I am sending herewith the duly signed registration form and the certificate by the authorized signatory of our institution.

Place:

Date:

Signature of the applicant