NIT ROURKELA
DIAMOND JUBILEE YEAR CELEBRATIONS 1961 - 2021

ROURKELA
ODISHA, INDIA.

NATIONAL INSTITUTE OF TECHNOLOGY ROURKELA
Greetings to all the stakeholders on this significant milestone, the Diamond Jubilee year, the 60th anniversary of the Institute. We are “journeying together” to strengthen NIT Rourkela and move ahead further.

On the auspicious occasion of the celebration of the Diamond Jubilee year, I would firstly like to congratulate all the BOG members, the Principals/Directors, the faculties, the staff members starting from its inception till date, the alumni and all the students of NIT Rourkela who have been an integral part in building NIT Rourkela. Diamond has been the hardest and the standard of exemplar purity and excellence since time immemorial. Now, on the occasion of the Diamond Jubilee of our institute, we need the mission of unity, we need the mutual accountability of sharing the light and truth, reminding each other of what is the way forward to achieve the vision, “To transform the Overall Image of our Institute and establishing a new Brand Value”.

I am very happy to be a part of this milestone of NIT Rourkela. The Institute instituted in 1961 has been providing opportunities to many young men and women who wanted to enter the professional arena and participate in nation-building as envisioned by our Founding Fathers. It is indeed a matter of satisfaction that NIT Rourkela has successfully striven to be counted as one of the best Institutes in the Nation for the last sixty years whether it is in the field of academics, research, co-scholastic enrichment, or sports. Therefore, we need to renew our willingness to journey together in building our Institute in achieving excellence and never heights in the future. So I invite all the stakeholders to walk the path along with us and be part of this memorable journey.
National Institute of Technology (NIT), Rourkela was founded as Regional Engineering College, Rourkela in 1961. It is a prestigious Institute with a reputation for excellence at both undergraduate and postgraduate levels, fostering the spirit of national integration among the students, a close interaction with industry and a strong emphasis on research, both basic and applied. It's been consistently ranked within TOP 20 engineering institutes for 5 consecutive years as per MHRD’s NIRF, Govt. of India and has retained good world ranking among its peer institutes. The city of Rourkela is a bustling industrial town, cosmopolitan by nature and is well connected to all parts of the country by road and rail. It is en-route Howrah-Mumbai main line of South-Eastern Railway. Nesting amidst greenery on all sides, NIT campus is approximately 7km from Rourkela railway station. The nearest airports are Jharsguda, Ranchi, Kolkata and Bhubaneswar.

<table>
<thead>
<tr>
<th>Ranking Framework</th>
<th>Category</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>NIRF</td>
<td>Engineering Category</td>
<td>16</td>
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<tr>
<td>NIRF</td>
<td>Overall Category</td>
<td>32</td>
</tr>
<tr>
<td>THE University</td>
<td>World Engg &amp;Tech.</td>
<td>601-800</td>
</tr>
<tr>
<td>THE University</td>
<td>World University</td>
<td>801-1000</td>
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<tr>
<td>QS Asian</td>
<td>University Rankings</td>
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</tr>
<tr>
<td>QS BRICS University Rankings</td>
<td></td>
<td>122</td>
</tr>
</tbody>
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SIGNIFICANT MILESTONES OF NIT ROURKELA

- Diamond Jubilee Celebrations
  - 2021
- Inauguration of Golden Jubilee Building, the tallest structure and pride of Rourkela City
  - 2020
- Consistently ranked within Top 20 Engineering Institutes in India by NIRF, MHRD and within Top 800 by other International Ranking Agencies.
  - 2016-2021
- Celebrated Golden Jubilee
  - 2010
- Declared Institute of National Importance via Act of Parliament
  - 2007
- Renamed National Institute of Technology (NIT) Rourkela
  - 2002
- Achieved Academic Autonomy
  - 1994
- Celebrated Silver Jubilee
  - 1986
- Inclusion of Science departments into the REC system
  - 1965
- Founded as Regional Engineering College (REC) Rourkela
  - 1961
    - 15th August
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<th>DEPARTMENTS, PROGRAMMES &amp; STUDENT SUMMARY</th>
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<tbody>
<tr>
<td>ACADEMIC DEPARTMENTS /SCHOOLS/CENTRES</td>
</tr>
</tbody>
</table>

**ENGINEERING**
- Biotechnology and Medical Engineering
- Ceramic Engineering
- Chemical Engineering
- Civil Engineering
- Computer Science and Engineering
- Electrical Engineering
- Electronics and Communication Engineering
- Food Process Engineering
- Industrial Design
- Mechanical Engineering
- Metallurgical and Materials Engineering
- Mining Engineering
- Planning and Architecture

**SCIENCE**
- Chemistry
- Earth and Atmospheric Sciences
- Life Science
- Mathematics
- Physics and Astronomy

**HUMANITIES**
- Humanities and Social sciences

**MANAGEMENT**
- School of Management
CENTRE

- Tissue Engineering
- Renewable Energy Systems
- Development of Nano-Materials
- Steel Research Centre
- Industrial Electronics and Robotics
- Research in Computer Vision and Pattern Recognition
- Industrial Refrigeration and Air Conditioning
- Excellence on Tribal Studies
- Cryogenic and Superconducting Engineering
- Excellence on Public Health Nutrition

NUMBER OF PROGRAMMES

- B.Arch.: 1
- M.A.: 1
- MBA: 1
- Integrated M.Sc.: 4
- Dual Degree: 4
- M.Sc.: 6
- B.Tech.: 14
- M.Tech. (Research): 18
- Ph.D.: 21
- M.Tech.: 35
STUDENTS ENROLLED (TILL JAN 2021)

- UG: 4315
- PG: 1519
- PhD: 1109

INSTITUTE STAKEHOLDER INFORMATION (TILL JAN 2021)

- Faculty: 365
- Staff: 333
- Students: 6943
- Alumni: 25000+

ACADEMIC ACHIEVEMENTS SUMMARY (2020)

- Journals: 1380 (83.6%)
- Books/Book Chapters: 152 (9.2%)
- Ph.D.: 93 (5.6%)
- Patents: 9 (1.5%)
SPONSORED AND CONSULTANCY PROJECT (2015–2020)

333
Total Number of
Sponsored Projects

Rs. 98.6 Crores
Sanctioned Value of
Sponsored Projects

126
Total Number of
Consultancy Projects

Rs. 15.13 Crores
Sanctioned Value of
Consultancy Projects

MAJOR SPONSORS

IMPRINT INDIA
SERB National Post-Doctoral Fellowship
Govt. of India

NSERB INDIA

DAE
Atoms in the Service of the Nation

DEPARTMENT OF BIOTECHNOLOGY
Ministry of Science & Technology
Government of India

IUSSTF
India-US Science and Technology Forum

ISRO
Indian Space Research Organisation

DAAD
Deutscher Akademischer Auslandsdienst
German Academic Exchange Service

DRDO
Department of Science and Technology (DST)

Ministry of Electronics & Information Technology
Government of India

Indian Council of Social Science Research

unicef

Ministry of Tribal Affairs
Government of India

NITI Aayog
National Institute for Transforming India
INSTITUTE CENTRAL FACILITIES INFORMATION

COMPUTER & DATA CENTRE

The institute computer centre is equipped with most modern and advanced infrastructure to provide a distributed computing environment to cater to the computing and networking needs of the inmates of the institute.

A N KHOSLA CENTRE FOR TECHNOLOGY ENABLED LEARNING (ANKCTEL)

ANKCTEL is the beginning of a step to use the potential of information and communication technology (ICT) in the Teaching Learning (T-L) process of technical education marching with the Ministry of Human Resource Development, Govt. of India under National Mission on Education through ICT (NMEICT).
FOUNDATION FOR TECHNOLOGY & BUSINESS INCUBATION (FTBI)

FTBI is a section 8 Not for Profit Company housed under Center for Technology Innovation and Industry Relations (TIIR) at NIT, Rourkela is an effort of NIT Rourkela to create an environment where faculty and students carry out research on subjects for wealth and wellbeing of society. Currently 46 numbers of incubatee are associated with the centre.

CENTRALIZED INSTRUMENTATION FACILITY (CIF):

The Centralized Instrumentation Facility (CIF), located in TIIR building has an objective of providing central facility of latest and advanced techniques for research in various areas of science and technology to the stakeholders. In the year 2019, CIF has taken initiative to register NIT Rourkela under the National Web Portal: I-STEM (Indian Science Technology Engineering Facilities Map) as per the MHRD mandate and GOI directives. CIF has registered a detailed profile of 309 facilities to the I-STEM portal pertaining to 15 Departments.
LIST OF MAJOR INSTRUMENTS HOSTED UNDER CIF

- Transmission Electron Microscope
- Nuclear Magnetic Resonance Spectrometer
- High-Resolution Mass Spectrometer
- Electrospray Ionization Mass Spectrometry
- Single Crystal X-Ray Diffraction Instrument
- Environmental Scanning Electron Microscope
- Circular Dichroism Spectrometer, Flash Chromatograph
- HPLC With Refractive Index Detector
- Heavy Duty Milling Machine

STUDENT ACTIVITY CENTRE

- Technical Society
- Games & Sports Society
- Film & Music Society
- Literary & Cultural Society

TRAINING AND PLACEMENT INFORMATION

PLACEMENT STATISTICS (2015-2020)

![Graph showing placement statistics for 2015-2020.]
HOSTELS, PLAYGROUND, SWIMMING POOL AND MISCELLANEOUS FACILITIES INFORMATION

Academic programmes @ NIT Rourkela are fully residential and students are accommodated in the Halls of Residences. Currently, the Institute has 11 Halls of Residences among which 7 are boys halls, 2 are girls halls and 2 halls for married Ph.D. scholars having family. To complement student campus life Institute has two playgrounds namely Dilip Tirkey Stadium and Sachin Tendulkar Stadium along with a Swimming pool, Gymnasium, Restaurants and Canteens. Institute also houses two guest houses for the visitors of the Institute along with an in-house bank and post-office.
NOTABLE ALUMNI

Padmashri N. R. Mohanty ME 1965
Former Chairman, Hindustan Aeronautics Ltd

EE 1969 Prof. L. M. Pattnaik
Vice Chancellor, Defense Institute of Advanced Technology, Pune and Professor, IISc, Bangalore

Prof. D. Acharya ME 1970
Former Director IIT Kharagpur, Former Chairman AICTE

EE 1971 Dr. Surya Narayan Mohapatra
Former CEO and Chairman Quest Diagnosis, USA

Prof. L. N. Bhuyan EE 1972
Distinguished Professor of Computer Science and Engg. at University of California, Riverside, USA

CH 1981 Sri Chandra Prakash Gurnani
CEO Tech Mahindra

Ch 1981 Shri Maheswar Sahu EE 1977
Former Additional Chief Secretary, Government of Gujarat.

1978 EE Prof. C. R. Das
HOD Computer Science and Engineering at Penn State University
NOTABLE ALUMNI

Mr. Sandip Das ME 1978
Executive Director and CEO of Maxis Communication Berhad.

Prof. B. K. Mishra MM 1981
Director IIT Goa

Prof. Sukant K. Mohapatra ME 1981
Chief Technology Officer, Ericsson

Dr. Manoj Kumar Nayak EE 1983
Founder, SOA University

Ms. Soma Mandal EE 1984
Chairperson, SAIL

Mr. S. M. Vaidya CH 1985
CEO, IOCL

Prof. Prasant Mohapatra EE 1987
Vice Chancellor, University of California, Davis, USA
VIBRANT CAMPUS LIFE
SPONSORSHIP OPPORTUNITIES

Platinum Sponsorship
- Free delegates: 4
- Advt. Color Page: 1
- Company’s Logo/Brand on Main Stage banner
- Banner at Seminar Site

INR 3 Lakhs

Lunch (each day)/Dinner (each day)
- Free delegates: 1
- Advt. Color Page: 0
- Company’s Logo/Brand on Main Stage banner

INR 1.5 Lakhs

Gold Sponsorship
- Free delegates: 2
- Advt. Color Page: 1/2
- Company’s Logo/Brand on Main Stage banner
- Banner at Seminar Site

INR 2 Lakhs

Delegate kit Sponsorship
- Free delegates: 1
- Advt. Color Page: 0
- Company’s Logo/Brand on Main Stage banner
- Logo on Delegate Kit.

INR 1 Lakhs

Silver Sponsorship
- Free delegates: 1
- Advt. Color Page: 0
- Company’s Logo/Brand on Main Stage banner
- Banner at Seminar Site

INR 1.5 Lakhs

High Tea/Breakfast (Each Day)
- Free delegates: 1
- Advt. Color Page: 0
- Banner at Site

INR 1 Lakhs

Bronze Sponsorship
- Free delegates: 1
- Advt. Color Page: 0
- Company’s Logo/Brand on Main Stage banner
- Banner at Seminar Site

INR 1 Lakhs

Each Technical Event
- Banner at Site

INR 1 Lakhs

Cultural Programme
- Company’s Logo/Brand on Main Stage banner
- Banner at Site

INR 0.5 Lakhs

Souvenir: An informative souvenir will be made available to all the delegates. Contributions are solicited to support this mega event, the Diamond Jubilee Celebration of NIT Rourkela through advertisements. The rates are as follows.

<table>
<thead>
<tr>
<th>Location</th>
<th>Price in INR/USD</th>
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<tbody>
<tr>
<td>Multicolour Back Page/Multicolour Front inside Gatefold</td>
<td>Rs. 50,000/USD 750</td>
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<tr>
<td>Multicolour Back inside Gatefold</td>
<td>Rs. 40,000/USD 575</td>
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<tr>
<td>Multicolour Full Page</td>
<td>Rs. 30,000/USD 425</td>
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<tr>
<td>B &amp; W Full Page/ Multicolour Half Page</td>
<td>Rs. 20,000/ USD 300</td>
</tr>
<tr>
<td>B &amp; W Half Page</td>
<td>Rs. 10,000 / USD 150</td>
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Mode of Payment: Alumni Registration fee will be announced shortly. All the payment should be drawn as DD/Multiplicity Cheque/Net Banking/online transfer in favor of “NIT RKL DIAMOND JUBILEE”, A/C no. 39220783344, payable at State Bank of India, NIT Campus Rourkela Branch, IFSC – SBIN0002109. In case of any difficulty kindly contact the convenor, Diamond Jubilee Committee.
EXECUTIVE CORE COMMITTEE

CHIEF PATRON
BOG Chairman (Ex-Officio)

PATRON
Prof. Animesh Biswas, Director

CHAIRMAN
Prof. P. K. Das (Registrar)

GLOBAL ALUMNI ADVISORY COMMITTEE
Sri Nalini Ranjan Mohanty (1965)
Sri Sukhendu Bhusan Mishra (1969)
Sri Bharat Bhusan Mohanty (1969)
Prof. Damodar Acharya (1970)
Sri D. R. Patnaik (1972)
Sri S. P. Rao (1972)
Sri Sandip Das (1978)
Sri C. P. Gurnani (1981)
Ms. Soma Mandal (1984)
Sri S. M. Vaidya (1985)
Sri Arun Rath, (1981). (NITRAA President, Ex-Officio)
Sri John Korah, (NITROAA President, Ex-Officio)
Sri Prasant Mohapatra (1987)
Prof. Ashutosh Dutta (1985)

LOCAL ORGANISING COMMITTEE
Prof. Abanti Sahoo, Dean (AIIR), Convener
Prof. P. K. Ray, Asso. Dean (AIIR), Co-Convener
Prof. Susmita Das, Dean (FW)
Prof. S. K. Patel, Dean (AA)
Prof. S. Chakraverty, Dean (SW)
Prof. P. K. Sahoo, Dean (P&W)
Prof. Ritwik Sarkar, Dean (SR)
Prof. B. G. Mishra, Asso. Dean (FW)
Prof. N. R. Mishra, Asso. Dean (AA)
Prof. S. Chatterjee, Asso. Dean (SR)
Prof. K. K. Mahapatra
Prof. C. R. Patra
Prof. Dipti Patra
Prof. H. B. Sahu
Prof. Shantanu Kumar Behera (CR)
Diamond Jubilee Events Lined Up

26th January, 2021
♥ Inauguration of Diamond Jubilee Year Celebration
♥ Student competitions throughout the year
♥ Lectures by renowned persons: once in every month

March, 2021
♥ Cultural Festival
♥ Foundation stone to be laid for Multiactivity Centre
♥ Expansion of NIT Rourkela Extension Centre at Bhubaneswar

April, 2021
♥ Alumni Induction program

15th August 2021 onwards
♥ Chapterwise Celebration by Alumni at different places

September, 2021
♥ Hackathon/Carnival

October, 2021
♥ Technical festival

17-18th December, 2021
♥ Industrial Exhibition

17-19th December, 2021
♥ Global Alumni Meet

31st December, 2021
♥ Closing of Celebration

In the Pipeline:
♥ Multiactivity Centre
♥ Expansion of NITR extension centre at Bhubaneswar