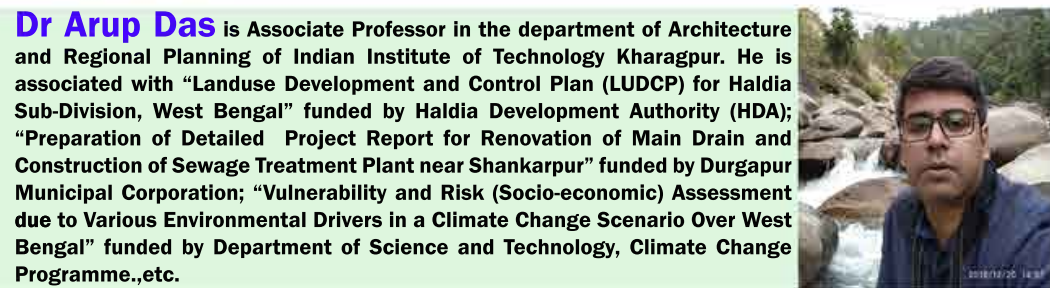


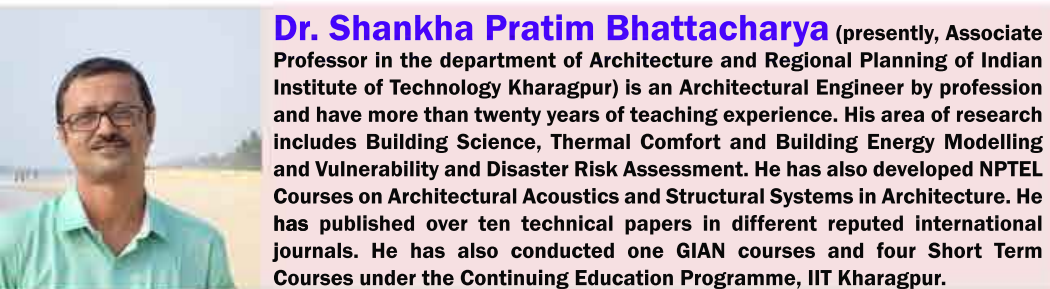
RESOURCE PERSONS



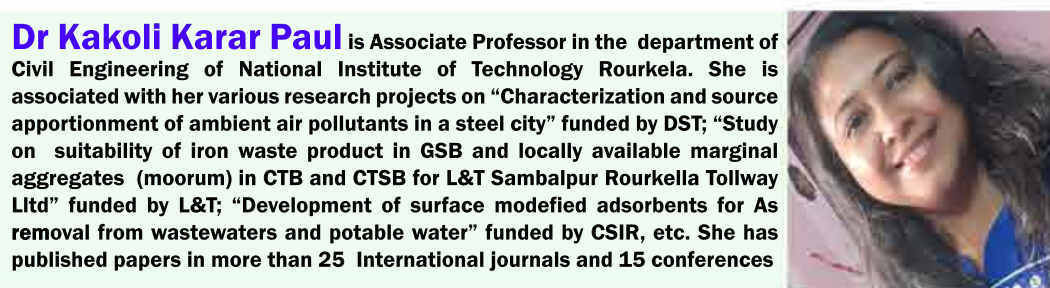
Dr. Sumana Gupta is currently working as Associate Professor in the Department of Architecture and Regional Planning at IIT Kharagpur since 2013. Prior to this she worked for fourteen years both as a professional architect and later as a Lecturer in a Government Polytechnic College. She is in charge of architectural design studio for final year students and teaches basic courses like building materials and advanced courses like Tall Building services and Building Acoustics in the undergraduate programme. She also teaches in post graduate courses and supervises students at all levels



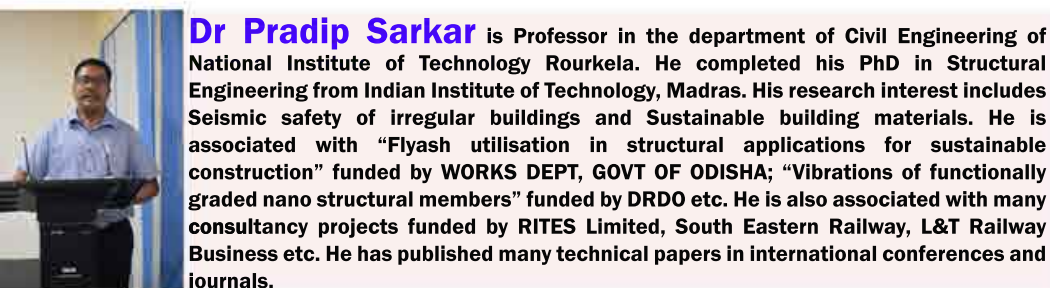
Dr Arup Das is Associate Professor in the department of Architecture and Regional Planning of Indian Institute of Technology Kharagpur. He is associated with "Landuse Development and Control Plan (LUDCP) for Haldia Sub-Division, West Bengal" funded by Haldia Development Authority (HDA); "Preparation of Detailed Project Report for Renovation of Main Drain and Construction of Sewage Treatment Plant near Shankarpur" funded by Durgapur Municipal Corporation; "Vulnerability and Risk (Socio-economic) Assessment due to Various Environmental Drivers in a Climate Change Scenario Over West Bengal" funded by Department of Science and Technology, Climate Change Programme.,etc.



Dr. Shankha Pratim Bhattacharya (presently, Associate Professor in the department of Architecture and Regional Planning of Indian Institute of Technology Kharagpur) is an Architectural Engineer by profession and have more than twenty years of teaching experience. His area of research includes Building Science, Thermal Comfort and Building Energy Modelling and Vulnerability and Disaster Risk Assessment. He has also developed NPTEL Courses on Architectural Acoustics and Structural Systems in Architecture. He has published over ten technical papers in different reputed international journals. He has also conducted one GIAN courses and four Short Term Courses under the Continuing Education Programme, IIT Kharagpur.



Dr Kakoli Karar Paul is Associate Professor in the department of Civil Engineering of National Institute of Technology Rourkela. She is associated with her various research projects on "Characterization and source apportionment of ambient air pollutants in a steel city" funded by DST; "Study on suitability of iron waste product in GSB and locally available marginal aggregates (moorum) in CTB and CTSB for L&T Sambalpur Rourkella Tollway Ltd" funded by L&T; "Development of surface modified adsorbents for As removal from wastewaters and potable water" funded by CSIR, etc. She has published papers in more than 25 International journals and 15 conferences



Dr Pradip Sarkar is Professor in the department of Civil Engineering of National Institute of Technology Rourkela. He completed his PhD in Structural Engineering from Indian Institute of Technology, Madras. His research interest includes Seismic safety of irregular buildings and Sustainable building materials. He is associated with "Flyash utilisation in structural applications for sustainable construction" funded by WORKS DEPT, GOVT OF ODISHA; "Vibrations of functionally graded nano structural members" funded by DRDO etc. He is also associated with many consultancy projects funded by RITES Limited, South Eastern Railway, L&T Railway Business etc. He has published many technical papers in international conferences and journals.

ABOUT NIT ROURKELA

National Institute of Technology Rourkela is an Institute of National importance for technical education established by the Government of India. The institute is an internationally acclaimed institution of higher learning that serves as a source of knowledge and expertise for the society and is a preferred destination for undergraduate, post graduate and research students. The institute research centers are engaged in several consultancy and research activities of DST, CSIR, DRDO, BARC, ISRO etc.



ABOUT THE WORKSHOP

Due to rapid urbanisation and globalisation the functional requirements of the buildings are ever-changing. The complex ever-changing needs of the buildings are becoming real challenges for the architects. Further, the designed solution demands not only the needs of present generation but a sustainable approach considering the needs of future generation also. Hence considering a holistic approach through structure and services the complexities of large-scale buildings such as high-rises, airport, railway station etc. can be relooked. In this regard, this workshop presents the experiences from academic, research and on field cases to enrich the knowledge of the faculties and students associated with Architecture, Civil Engineering and allied fields.

MODULES

1. Large-scale buildings design and service.
2. Building floor plate design and vertical transportation.
3. Structural system for large span structures
4. Structural system for tall buildings
5. Water supply in buildings
6. Building sanitation system design
7. Electrical and HVAC design
8. Fire fighting in buildings
9. Solid waste management in high rise buildings
10. Earthquake resistant-structural system for large scale buildings.

NOTE : All the modules of the Workshop will be supported by hands-on exercises.

ELIGIBILITY:

Students : Diploma, Undergraduate and Post Graduate , Research Scholars , Faculties ,Working Professionals from Architecture, Planning, Interior Design, Civil Engineering and allied fields.

NOTE:
e-Certificates shall be provided after successful completion of the course

PROGRAM FEE

FOR STUDENTS and RESEARCH SCHOLARS

Rs. 300/*

FOR WORKING PROFESSIONALS

Rs. 500/*

(*INCLUDING GST)

PAYMENT DETAILS:

A/C NAME:	CONFERENCE NIT ROURKELA
A/C No.:	36734418111
IFS Code-	SBIN0002109
Bank Name,- Branch	State Bank of India, NIT Campus, Rourkela

LAST DATE OF REGISTRATION

10th December 2022

(Seats are Limited)

APPLY HERE: use the link

<https://forms.gle/hvctd6rDtQPq3zGt9>

or

Scan the QR code



**Department of Planning and Architecture,
National Institute of Technology, Rourkela**

**Online Workshop
on**

**Structure and Building
Services for Large Scale
Buildings**

5-Days

13th-17th December 2022

Time- 10am - 4.00pm

Conveners:

Dr. Soumi Muhuri,
Assistant Professor

muhuris@nitrkl.ac.in,+91-8017176213

Ar.Mohd Nauman Nizamuddin,
Assistant Professor

nizamuddinm@nitrkl.ac.in,+91-8700033065

Contact