

THE CIVIL BRIEF

EDITION: JULY – DECEMBER 2022

RESEARCH • INNOVATION • KNOWLEDGE DISSEMINATION



HIGHLIGHTS

*A snapshot of activities and achievements of the Department of Civil Engineering
for the period July – December 2022.*



EXPERT LECTURE

Insights from industry experts on modern tools and technologies in surveying.

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FIELD VISIT

Experiential learning through a visit to the historic Sanchi Stupa.

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FACULTY ACHIEVEMENTS

Faculty as resource persons and courses completed to enhance knowledge and skills.

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PUBLICATIONS

Research contributions in reputed journals, conferences and book chapters.

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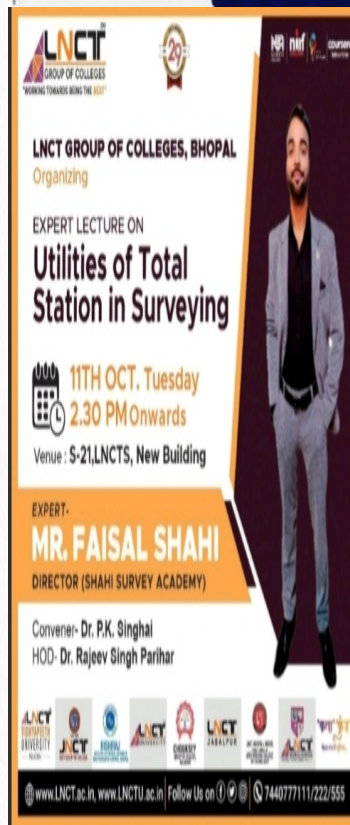
EXPERT LECTURE

Utilities of Total Station and DGPS in Surveying

- Resource Person** : Mr. Faisal Shahi
Director, Shahi Survey Academy, Bhopal
- Organization** : Shahi Survey Academy, Bhopal
- Date** : 11 October 2022
- Venue** : Seminar Hall, LNCTS, New Building
- Participants** : 3rd and 5th Semester Civil Engineering Students

Mr. Faisal Shahi delivered an expert lecture on the utilities of Total Station and DGPS in surveying. The session provided students with practical knowledge regarding modern surveying instruments and their applications in real-world scenarios.

SESSION GLIMPSES



FIELD VISIT



FIELD VISIT TO SANCHI STUPA

A field visit was organized for Civil Engineering students to Sanchi Stupa, a UNESCO World Heritage Site, to help them understand the significance of historical structures, ancient construction techniques and conservation practices.

- Date** : 25 November 2022
- Place** : Sanchi Stupa, Raisen (M.P.)
- Participants** : 3rd Semester Civil Engineering Students
- Objective** : To provide experiential learning on heritage structures and construction methods used in ancient times.



FACULTY AS RESOURCE PERSONS

Dr. ABHAY KUMAR JHA

- Date** : 15 July 2022
- Role** : Resource Person
- Event** : Five Days STTP on "Enhancement on Current Scenario in Civil Engineering"
- Organized by** : Department of Civil Engineering, NIT Raipur
- Mode** : AICTE Training and Learning (ATAL) Sponsored Online Program

Dr. RAJEEV SINGH PARIHAR

- Date** : 30 July 2022
- Role** : Resource Person
- Event** : Five Days STTP on "Enhancement on Current Scenario in Civil Engineering"
- Organized by** : Department of Civil Engineering, NIT Raipur
- Mode** : AICTE Training and Learning (ATAL) Sponsored Online Program



FACULTY COURSES COMPLETED

Faculty members enhanced their knowledge and skills by completing the following courses:

FACULTY MEMBER	COURSE	ORGANIZED BY	DURATION
• Dr. Abhay Kumar Jha	3D and 4D Modelling using Revit	Indian Institute of Technology, Roorkee	18 – 22 July 2022
• Mr. Ankush Khandelwal	3D and 4D Modelling using Revit	Indian Institute of Technology, Roorkee	18 – 22 July 2022
• Mr. Ratnesh Kumar Sharma	FDP on Geospatial Technology	NITTTR, Chandigarh	21 – 25 November 2022
• Mr. Ankush Khandelwal	FDP on Geospatial Technology	NITTTR, Chandigarh	21 – 25 November 2022



RESEARCH PAPERS PUBLISHED

27

**RESEARCH
PAPERS
PUBLISHED**

Faculty members of the department published **27** research papers in reputed international and national journals.



PUBLICATION ACHIEVEMENTS

Dr. R. S. Parihar published two research papers in *Materials Today: Proceedings*.

1. **Materials Today: Proceedings** (Elsevier, Scopus Indexed)

Title : Experimental study on strength and durability of self-compacting concrete containing nano silica

Authors : R. S. Parihar, A. K. Jha,
R. K. Sharma

Vol. : 62, Part 6, 2022

Pages : 8240 – 8244

2. **Materials Today: Proceedings** (Elsevier, Scopus Indexed)

Title : Flexural behaviour of hybrid fiber reinforced concrete beams

Authors : R. S. Parihar, A. K. Jha,
R. K. Sharma

Vol. : 62, Part 6, 2022

Pages : 8245 – 8250



CONFERENCE PARTICIPATION

- Faculty members participated in international / national conferences and presented research papers.
- Active involvement in technical sessions, panel discussions and knowledge sharing.



CERTIFICATES & ACHIEVEMENTS

- Faculty members have successfully completed various faculty development programs, professional courses and certification programs.
- These courses and certifications contribute towards skill enhancement, academic excellence and overall professional growth.

THANK YOU!

*The Department of Civil Engineering extends its sincere thanks to all faculty members, students and collaborators for their continuous support and contributions.
Together, we strive for excellence in teaching, research and innovation.*

