

Mr. Amit Kumar Rai

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PROFILE SUMMARY

<i>Full Name</i>	Amit Kumar Rai
<i>Father's Name</i>	Shri Satyendra Rai
<i>Date of Joining</i>	11/12/2017
<i>Department</i>	Civil Engineering
<i>Qualification</i>	B. Tech. (Civil Engineering)-2013 <i>National institute of technology Patna (NIT Patna)</i> M. Tech. (Geotechnical Engineering (Rock Engineering and <i>Underground Structures</i>))-2016 <i>Indian institute of technology Delhi (IIT Delhi)</i>

Additional Roles / Responsibilities at Institute / Department Level (Charge at present):

- Associate Dean, Academic Affairs
- Nodal officer Academics
- NBA Co-coordinator
- Faculty coordinator alumni affairs
- Departmental TEQIP-III coordinator

Workshop/Seminar/Conference/Short Term Courses/Faculty Development Programm (not less than one-week duration):

Organized

1. International Conference “Rajkiya Engineering College - Conference - 2019” (REC-CON-19), 28-29 November 2019, Ambedkar Nagar, India act as **Organizing Secretary**.
2. One Week Short Term Training Program on “Recent Trends in Civil Engineering”, Jointly Organized by REC Ambedkar Nagar and J.C. Bose University of Science and Technology YMCA, Faridabad (Twinning Institutes), November 13th – 17th, 2019 act as **member of organizing committee (Venue: REC Ambedkar Nagar)**.
3. One Week Short Term Course on “Shallow and Deep Foundations (STCSDF-2019)”, REC Ambedkar Nagar, October 15th – 19th, 2019 act as **Convener**.
4. One Week Workshop on “Civil Engineering for Green and Inclusive Sustainable Development (CEGISD-2019)”, REC Ambedkar Nagar, September 16th – 20th, 2019 act as **Convener**.

5. One Week Workshop on “Environmental Management for Eco-Friendly Infrastructure Development”, REC Ambedkar Nagar, September 2nd – 6th, 2019 act as **Organizing Secretary**.
6. One week Short Term Course on “Leadership, Management Strategy & Professional Ethics” (Through ICT), Jointly Organized by NITTTR Chandigarh and REC Ambedkar Nagar, April 08th – 12th, 2019 act as Convener.
7. One week Short Term Course on “Project Management” (Through ICT), Jointly Organized by NITTTR Chandigarh and REC Ambedkar Nagar, March 25th – 29th, 2019 act as **Cordinator**.
8. One Week National Workshop on “Image processing computer vision and application IPCVA-2019”, REC Ambedkar Nagar, March 5th-9th, 2019 act as **Member of Organizing Committee**.
9. One Week National Workshop on” Nurturing startup/ entrepreneurial skills in building engineering” REC Ambedkar Nagar , Feb 15-19 , 2019 act as organizing secretary.
10. One week faculty Development programme on “Essential of teaching-learning process and research methodology” REC Ambedkar Nagar , Feb 04-08 , 2019 act as **Member of Organizing Committee**.
11. One week Short Term Course on “Sustainable Environmental Management” (Through ICT), Jointly Organized by NITTTR Chandigarh and REC Ambedkar Nagar, January 28th – 01st February 2019 act as **Coordinator**.

Participated

1. Attended one-week National workshop on “**Evolving Drift in Computer Science**” (NWEDCS-2018) organized by REC Ambedkar Nagar. 09 July- 13 July 2018.
2. Attended two-day workshop on “**NBA Accreditation- Criteria, Process and Execution**” at Lucknow(U.P.) ,11th & 12th September 2018
3. Attended one-day sensitization workshop-on “**Equity Action Plan**” at Punjab Engineering College (Deemed to be University), Sector 12, Chandigarh. 19th November, 2018
4. Participated in five day STC on “**Sustainable Environmental Management**” through ICT conducted by civil department NTTTR Chandigarh. 28 Jan-01 Feb 2019
5. Essentials of teaching-Learning Process and Research Methodology.04-08th March, 2019
6. Participated in **Two-days National Conference on Equity: Achievements & Challenges in India** at College of Engineering, Pune(Maharashtra). 15th and 16th march 2019.
7. Ethical Hacking & Security, 6th to15th June, 2019
8. Participated in five-day National Workshop on “**NBA and NAAC Accreditation**” at Gangtok, Sikkim. 18th- 22 June 2019.

9. Participated one-day workshop on “Environment Management Framework for TEQIP-III Institution (1.1 & 1.2)- Green Campus Initiative” at Lucknow. 31 July 2019

Key Note Address/Expert Lecture Delivered

Two Lectures have been delivered

Publications:

- Journal Papers***
- AK Verma, AK Rai, NK Shukla “**Urban Air Quality of Million Populated Cities of India**” International Journals of Science Technology and Engineering (IJSTE), ISSN (online): 2349-784X, **Volume 5, Issue 4, October 2018**
- Conference Papers***
- Amit K Rai , Gaurav Singh, Atul K Tiwari, “**Comparative study of soil stabilization with glass powder, plastic and e-waste: A review**” 3rd International Conference on Innovative Technologies for clean and sustainable development (ITCSD2020).

Membership in Professional Bodies and Expert Committees at State and National Level

1. Co-PI, Unnat Bharat Abhiyan
2. Member faculty of Ministry of human resource development innovation cell.

Subject taught

1. Strength of material;
2. Design of steel structure
3. Design of concrete structure
4. Structural detailing Lab
5. Quantity Estimation and Management