

## Institute News

### NIRF 2021: 64<sup>th</sup> Rank (Engineering Category)



NIT Raipur has secured 64<sup>th</sup> rank in Engineering Category in the **National Institutional Ranking Framework 2021 (NIRF)** released by the **Ministry of Education**, Government of India on 9<sup>th</sup> Sept., 2021. NIT Raipur also stands 16<sup>th</sup> among the 31 NITs in India. It is the 4<sup>th</sup> consecutive year for NIT Raipur in which the Institute ranking has improved from 81<sup>st</sup> in 2018 to 74<sup>th</sup> in 2019, 67<sup>th</sup> in 2020, and now it is 64<sup>th</sup> in 2021. The Institute has been consistently improving its NIRF ranking under the adroit guidance of **Dr. A. M. Rawani**, *Director, NIT Raipur*. This coveted and incredible accomplishment is a resultant outcome from the robust academic reforms, a substantial learner's centric ecosystem, significant industrial collaborations, start-up incubations, the worldwide research-output dissemination, and the augmentation of public awareness and outreach activities. Faculty members, students, staff and alumni of the Institute have been insistently and relentlessly working to improve and achieve the vision and mission of the Institute at the national level.

### 75<sup>th</sup> Independence Day Celebration

NIT Raipur celebrated the **75<sup>th</sup> Independence Day** in the Institute campus with patriotic and nationalistic fervour. **Dr. A. M. Rawani**, *Director, NIT Raipur* hoisted the National Flag at the Institute Garden. Honouring the glorious occasion amidst the unprecedented challenges of the COVID-19 pandemic. In his Independence Day speech, he spoke about the leaps of infrastructure progress, teaching and research innovations that have ushered over the past four years in the Institute. He also expressed his grief and sorrow about the loss of the cherished people of the Institute due to the Covid-19. Underlining the sharp enhancement of global and national perception and impact of the Institute, Honourable Director congratulated the PMRC of NIT Raipur for its commendable efforts in establishing a growing social, electronic, and print-media presence of the Institute. Further, in these trying times of COVID-19, he

appreciated the efforts of the Institute in the completion of the faculty recruitment process, which was conducted virtually. He also spoke about developing the Technology Hub and Business Incubation Centre, NIT Raipur, which would be established in this academic year. For this development, the Board of Governors (BoG), NIT Raipur approved an Innovation and Start-up Policy 2021, which includes the provisions for faculty members to get involved in an innovation and start-up project. The Director also informed about the creation of donation fund namely **Support to Covid Affected Students**, which will be utilized to provide financial support for full/partial Academic Fee Payment of such students of NIT Raipur who have lost their earning parent in the Covid-19 pandemic.



Looking ahead, the Honourable Director acknowledged that the future goals of the Institute Vision-2030 would focus on the foundation of the **Innovation and Entrepreneurship** ecosystem, the development of **Incubation Center** and the establishment of **Multi-disciplinary Research Projects**. In this regard, he mentioned that the new draft **Vision-2030** document of the Institute has been compiled and the draft is available on the Institute's Website for feedbacks from its stakeholders - the students, employees and alumni. He also highlighted the various initiative and developments of the Institute that have been taken into consideration for aiming to implement the New Educational Policy (NEP-2020). He said that most of the developments under **NEP-2020** would not only bring the flexibility to our academic curriculum and teaching-learning process, but it would also help our faculty members to upskill their knowledge. Further, he decreed a new online department-wise, Institute lecture series for the students, featuring speakers worldwide and for a better Teacher-Students relation he announced semester wise **Edutainment Sessions** in all the departments.

The entire event was physically attended by a few faculty members following the COVID-19 protocol, while other members, staff and students witnessed the celebration through an online virtual medium, which was live-streamed on the Institute's official Social media platforms - *YouTube Channel, Facebook Page* and *Instagram account*.

## Recruitment of Faculty Members

Interviews for faculty positions in various departments were conducted in the month of April, May, and June 2021. Sixty internal faculty members were offered upgradation to higher academic grade pay. Thirty-four appointment letters for the post of Assistant Professor have also been offered to fresh candidates. The team Mirror welcomes all the newly joined faculty members and congratulates other upgraded existing faculty members.

### List of Assistant Professor Grade-II who have joined

| S. No | Name                         | Department                              | Date of Joining             |
|-------|------------------------------|---|-----------------------------|
| 1     | Dr. Deepak Singh             | Computer Science & Engineering          | 09 <sup>th</sup> Jul., 2021 |
| 2     | Dr. Ankur Gupta              | Mechanical Engineering                  | 09 <sup>th</sup> Jul., 2021 |
| 3     | Dr. Ramavath Bheekya Naik    | Metallurgical and Materials Engineering | 12 <sup>th</sup> Jul., 2021 |
| 4     | Dr. Dhanavath Suresh         | Electrical Engineering                  | 15 <sup>th</sup> Jul., 2021 |
| 5     | Dr. Dibakar Saha             | MCA                                     | 19 <sup>th</sup> Jul., 2021 |
| 6     | Dr. Anuj Kumar Shukla        | Mechanical Engineering                  | 19 <sup>th</sup> Jul., 2021 |
| 7     | Dr. Kanhaiya Shanker Ojha    | Physics                                 | 19 <sup>th</sup> Jul., 2021 |
| 8     | Dr. Sharda Bharti            | Bio-Technology                          | 22 <sup>nd</sup> Jul., 2021 |
| 9     | Dr. Vikas Kumar Vidyarthi    | Civil Engineering                       | 23 <sup>rd</sup> Jul., 2021 |
| 10    | Dr. Gaikwad Mahendra Shivaji | Chemical Engineering                    | 26 <sup>th</sup> Jul., 2021 |
| 11    | Dr. Hari Priya Vemuganti     | Electrical Engineering                  | 26 <sup>th</sup> Jul., 2021 |
| 12    | Dr. Dijendra Nath Roy        | Bio-Technology                          | 26 <sup>th</sup> Jul., 2021 |
| 13    | Dr. Chinmaya Mahapatra       | Bio-Technology                          | 28 <sup>th</sup> Jul., 2021 |
| 14    | Dr. Marieswaran M.           | Bio Medical Engineering                 | 02 <sup>nd</sup> Aug., 2021 |
| 15    | Dr. Chetna Sharma            | Humanities and Social Science           | 02 <sup>nd</sup> Aug., 2021 |
| 16    | Dr. Satveer Singh            | Humanities and Social Science           | 02 <sup>nd</sup> Aug., 2021 |
| 17    | Dr. Kalinga Simant Bal       | Mechanical Engineering                  | 02 <sup>nd</sup> Aug., 2021 |
| 18    | Dr. Jatoth Chandrashekar     | Information Technology                  | 02 <sup>nd</sup> Aug., 2021 |
| 19    | Dr. Sanjeev Kumar            | Mechanical Engineering                  | 02 <sup>nd</sup> Aug., 2021 |
| 20    | Dr. Chandan Kumar Singh      | Civil Engineering                       | 04 <sup>th</sup> Aug., 2021 |
| 21    | Dr. Sonal Yadav              | Computer Science & Engineering          | 04 <sup>th</sup> Aug., 2021 |
| 22    | Dr. Deboraaj Muchahary       | Electronics and Communication Engg.     | 04 <sup>th</sup> Aug., 2021 |
| 23    | Dr. Sonti Venu               | Electrical Engineering                  | 09 <sup>th</sup> Aug., 2021 |
| 24    | Dr. Jitendra Kumar Raut      | Computer Science & Engineering          | 19 <sup>th</sup> Aug., 2021 |
| 25    | Dr. Neeraj Manhus            | Mathematics                             | 19 <sup>th</sup> Aug., 2021 |
| 26    | Dr. Sagarika Bhattacharya    | Chemistry                               | 02 <sup>nd</sup> Sep., 2021 |
| 27    | Dr. Gopinath Mandal          | Mathematics                             | 20 <sup>th</sup> Sep., 2021 |
| 28    | Ms. Shruti Sharad Nagdeve    | Architecture                            | 20 <sup>th</sup> Sep., 2021 |
| 29    | Dr. Ramya Selvaraj           | Electrical Engineering                  | 24 <sup>th</sup> Sep., 2021 |
| 30    | Dr. Naeem Ahmad              | MCA                                     | 27 <sup>th</sup> Sep., 2021 |

## Inauguration of Data Center, NIT Raipur



Data Center (DC) of NIT Raipur was inaugurated by **Dr. A. M. Rawani**, Director, NIT Raipur, on 15<sup>th</sup> Sep., 2021. The

primary purpose of DC is to control, compute and maintain the Institute's back-end information and communication technology (ICT) systems. Further, the DC will develop and preserve the digital data, including the adequate processing, the enhancement of storage capacity, the communication channels, and connecting the servers and databases. The Hon'ble Director also dedicated two Data Center Services to the Institute, i.e., the Video Library and the Departmental Data Storage. These DCs are designed to function round the clock by providing state of the art facilities to secure a safe place for ICT equipment of the Institute. **Dr. B. Acharya**, Head, Central Computer Center, and **Mr. S. Pandey**, Senior Technical Officer, IT, elaborated and introduced these services to Institute faculty and staff members. The overall cost in developing this DC is about Rs 4.7Crore.



## MoUs

### NIT Raipur and IIT (BHU) Varanasi RAC-S set up by ISRO



NIT Raipur and the IIT (BHU) Varanasi Regional Academic Centre for Space (RAC-S) set up by ISRO signed an MoU on 28<sup>th</sup> Jun., 2021, for the joint academic collaboration and research exchange for developing the future technology and programmatic needs of the Indian Space Research Programme. This collaborative effort will act as a facilitator for promoting space technology activities in the state of Chhattisgarh.

### NIT Raipur and CIDC

NIT Raipur and Construction Industry Development Council (CIDC) signed a Memorandum of Understanding on 24<sup>th</sup> Jul., 2021 to collaborate for initiating, developing and implementing programs of Internship, Faculty Development, Capacity Building and other short-term and long-term training programs for the students and faculty members.



### NIT Raipur and Telecom Sector Skill Council

NIT Raipur and Telecom Sector Skill Council signed an MoU on 28<sup>th</sup> Jul., 2021, to establish the Center of Excellence (CoE). The CoE will impart skill development training to enhance the employability of aspiring students in the domain of Information and Communications Technology, Cyber Security, Electronics and Communication, including Technical Services and allied fields. The MoU was signed by **Dr. S Gupta**, *Dean, Research & Consultancy, NIT Raipur*, and **Mr. S. Mohammad**, *General Manager, TSSC*.



## NIMCET 2021

NIT, Raipur is acting as the coordinating institute for the conduction of NIT MCA Common Entrance Test (NIMCET) 2021. **Dr. A. M. Rawani**, *Director, NIT Raipur* is the Chairman of the National Level Apex committee constituted to oversee the conduction of the examination and **Dr. P. Y. Dhekne**, *Associate Professor, Department of Mining Engineering* is the Secretary of the committee. The computer-based test for NIMCET 2021 was conducted on 7<sup>th</sup> Aug., 2021 in 68 cities across India following Covid- 19 guidelines. There were 11514 candidates due for the examination and 9434 candidates appeared in the examination. The result was declared on 23<sup>rd</sup> Aug., 2021 and 6774 candidates have been shortlisted for counselling, which is in progress presently.

### Mask & Sanitizer Distribution Drive

Ladies Social Work Group (LSWG), NIT Raipur, organised the mask and hand-sanitiser distribution drive in the campus on 12<sup>th</sup> Jul., 2021. The NIT Raipur Ladies Social Work Group appreciated the uninterrupted services rendered at the forefront by the essential service personnel such as Healthcare, Housekeeping, Security and Drivers of the institute during these unprecedented times. The LSW group distributed the face masks and hand-sanitiser to the Covid-warriors. The Group also appealed to them to follow the norms of the physical distancing



and other SoPs, including the preventive measures and guidelines issued by the Institute and Government of India. Furthermore, to prevent the risk of spreading COVID -19 and protecting all stakeholders from the virus, the Group conveyed the importance of an ongoing vaccination drive on the campus and appealed to all to get vaccinated. **Mrs. Mumtaz Rawani** (*Wife of Dr. A. M. Rawani, Director, NIT Raipur*), **Mrs. J. Dhekne** (*Wife of Dr. P. Y. Dhekne, Dean, Student welfare*), **Dr. A. B. Soni**, *Professor, Department of Chemical Engineering (DCE)*, and **Dr. M. Sahu**, *Assistant Professor, Department of Information Technology (IT)*, were present during the distribution drive.

### Vaccination Drive against COVID-19



NIT Raipur Dispensary organised free vaccination drives against COVID-19 on various days from June to September 2021, in which a total of 757 vaccines shots to students, faculty, staff, and their family members were given.



## Fit India Freedom Run 2.0

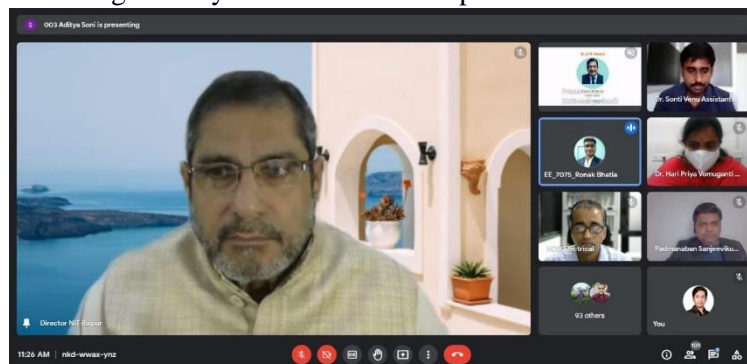


To commemorate 75<sup>th</sup> years of Nation's Independence, **Fit India Freedom Run 2.0** under *Azadi Ka Amrit Mahotsav* a flagship event of Gov. of India, **NIT Raipur** organised **Fit India Freedom Run 2.0**. A virtual promotional event was organised on 10<sup>th</sup> Aug., 2021 for the same. The event was organised under the guidance of **Dr. P. Y. Dhekne**, *Dean, Student Welfare, NIT Raipur* and **Dr. R. Doriya**, *Professor Incharge, Shaurya- The Sports Committee, NIT Raipur*. The motto for the event was **Fitness Ki Dose Aadha Ghanta Roz**, which aimed to boost fitness and wellness levels of an Individual. In addition, various initiatives such as **Cyclothon** on 13<sup>th</sup> Aug., 2021 for the faculty members and staff, and the virtual **Freedom Run** on 29<sup>th</sup> Aug., 2021 for the students were also organised.

## Institute Lecture Series

**Department of Electrical Engineering, NIT Raipur** organised first Lecture of **Institute Lecture Series** on 18<sup>th</sup> Sep., 2021. The distinguished speaker for the session was **Dr. S. Padmanaban**, *Professor, CTIF Global Capsule (CGC) Laboratory, Aarhus University, Denmark* who delivered the lecture on *State of Art-Fuel Cell Vehicular Power Train*. **Dr. N. Londhe**, *Head, Electrical Engineering (EE)* welcomed **Dr. A. M. Rawani**, *Director, NIT Raipur* as the chief guest of the event as well as

**Dr. S. Padmanaban** as the guest of honour. The series was announced by **Dr. A. M. Rawani**, *Director, NIT Raipur* on Independence Day 2021. In this series, a lecture by a National/ International Eminent Personality will be organized in 'online mode' by an academic department every month, preferably on Saturday with the objective to provide an opportunity to the students and faculty of the Institute to gain awareness and knowledge on any current technical topic.



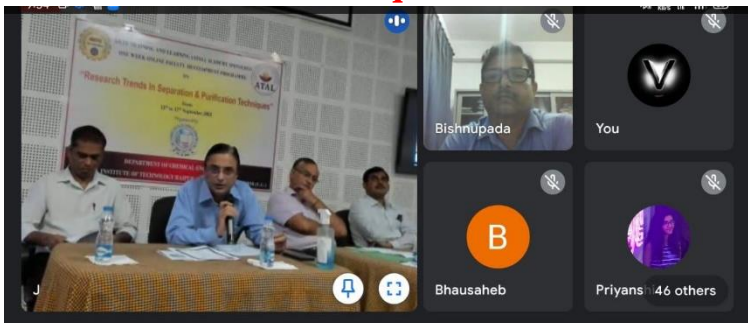
## Online Edutainment Session

To motivate the students and uplift their morale in the difficult time of COVID-19 pandemic, **Dr A. M. Rawani**, *Director, NIT Raipur* announced **Online Edutainment Sessions** for students of various semesters separately on Independence Day, 2021. In this line the program of Edutainment was organised by **Department of Information Technology** on 16<sup>th</sup> Sep., 2021, **Department of Chemical Engineering** on 17<sup>th</sup> Sep., 2021, **Department of Architecture** on 18<sup>th</sup> Sep., 2021, **Department of Electrical Engineering** on 24<sup>th</sup> Sep., 2021 and **Department of Computer Application** on 30<sup>th</sup> Sep., 2021 in coordination with respective Departmental Student's Associations. The session provided a platform to the students to discuss their academic and non-academic issues in an informal manner.

## Academic Activities

### STTP/Conference/Workshop conducted

## ATAL FDP on Research Trends in Separation and Purification Techniques



**Department of Chemical Engineering, NIT Raipur** and **AICTE Training and Learning (ATAL) Academy** organised a five-day online faculty development program (FDP) on **Research Trends in Separation and Purification Techniques** from 13<sup>th</sup> to 17<sup>th</sup> Sep., 2021. The event was coordinated by **Dr. P. K. Chaudhari**, *Associate Professor, DCE*, and **Dr. J. Anandkumar**, *Assistant Professor, DCE*. The Chief Guest of the occasion was **Dr. B. Mandal**, *Professor, IIT Guwahati*, **Dr. P. Diwan**, *Dean(R&C)*, presided over the program. **Dr. A. K. Poonia**, *Head, DCE* delivered the welcome address. **Dr. B.**

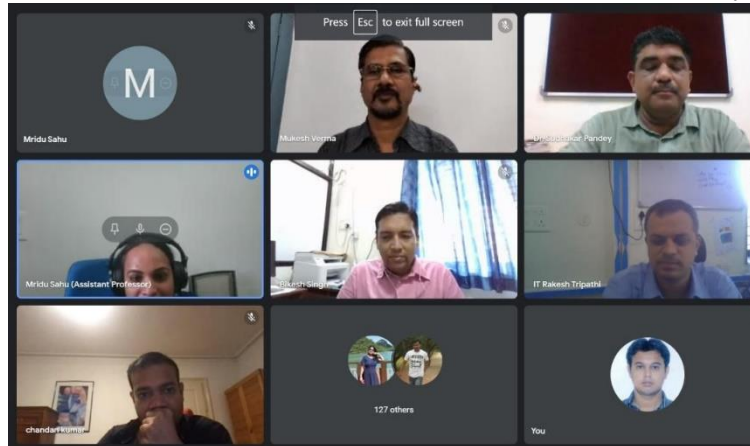
**Mandal**, *IIT Guwahati*, delivered a lecture on *Novel Membranes for Post-Combustion CO<sub>2</sub>-Separation, Direct Methanol Fuel Cell and Organic Solvent Nanofiltration*. **Dr. G. Arthanareeswaran**, *NIT Trichy*, delivered lecture on *Advances in Membrane Materials and Technologies for Separation Processes*. **Dr. A. K. Kola**, *Professor, NIT Warangal*, discussed *New Dimensions in Wastewater Treatment with Hybrid Process*. Speakers from different IITs, NITs, CSIR-Institutes, SAIL-BSP, IOCL etc. More than 100 participants across the country attended the event.

## ATAL FDP on Intelligent Computing in Health Care

**Department of Information Technology** and **Department of Biomedical Engineering** organised an **Online FDP on Intelligent Computing in Health Care** from 20<sup>th</sup> Sept., 2021 to 24<sup>th</sup> Sept., 2021. The FDP was organised in collaboration with AICTE's "ATAL Academy". **Dr. Chandrakumar**, *Senior Researcher, University of Stuttgart, Germany* and **Dr. M. K. Verma**, *Vice Chancellor, CSVTU Bhilai* joined the event as chief guest. **Dr. S. P. Sahu**, *Head, IT* chaired the FDP and **Dr. M. Sahu**, *Assistant Professor, IT* and **Dr. B. Singh**, *Associate*



Professor, Biomedical Engineering coordinated the event. The FDP focused on recent advances in artificial intelligence and machine learning technologies, as well as their applications in the machine learning field. The latest technological advancements in the sector, as well as the ethical implications were reviewed during the event. The FDP witnessed participation from about 189 research scholars, students, and academicians from across the country.



## ATAL FDP on Novel Materials: Advances and Applications

Department of Metallurgical and Materials Engineering (DMME) and Department Chemical Engineering organised a One Week Online Faculty Development Program (FDP) On Novel Materials: Advances and Applications sponsored by AICTE Training and Learning (ATAL) Academy from 24<sup>th</sup> to 28<sup>th</sup> Sep., 2021. The program was chaired **Dr. A. K. Poonia**, Head, DCE and **Dr. M. K. Manoj**, Head, DMME and was coordinated by **Dr Dharm Pal**, Assistant Professor, DCE and **Dr Neha Gupta** Assistant Professor, DMME. The chief guest of the program was **Dr. P Diwan**, Dean Research and Consultancy, NIT Raipur and **Dr. R Khanna**, Professor, IIT Delhi, was the Guest of Honor. Total 163 participants have registered in this workshop, from length and breadth of the country, out of them around 130 are faculty and staff members, few scientists and consultants and more than 30 PG Students and research scholars from several institutes like IITs, NITs, IIST Shibpur, Research organizations as CSIR and many more.

## Induction Training Program on Teaching-Learning Methods launched

A one-week Induction Training Program was organised for Newly joined faculty members of the institute by experts from National Institute of Technical Teachers Training and Research (NITTTR) Bhopal from 9<sup>th</sup> to 13<sup>th</sup> Aug., 2021. **Dr A. M. Rawani**, Director NIT Raipur was the chief Guest and **Dr. S. Verma**, Dean Academic Affairs, NIT Raipur was Special Guest. The **Dr. S. Sanyal**, Dean Faculty Welfare, NIT Raipur was the convener of the program. **Dr. A. Keshav**, Associate Dean, Faculty Welfare was the coordinators of the program. The speakers for the event were **Dr. B. L. Gupta**, Professor, NITTTR, Bhopal **Dr. D.S. Karaulia**, Professor, NITTTR, Bhopal, **Dr. Subrat Roy**, Professor, NITTTR Bhopal and **Dr. K. James** Associate Professor, NITTTR Bhopal. Topics covered in the program were, Outcome-Based education Learning and instruction, Domains of Learning, Learning in cognitive Domain, Overview of Teaching - Learning Methods, Project-based learning, Blended learning instructional models etc.



Further a Knowledge Sharing Session on online teaching learning and online library resources was organised on 14<sup>th</sup> Aug., 2021 for newly joined faculty members. The session was coordinated by **Dr N. K. Nagwani**, Associate Professor, CSE and **Dr. S. Bhowmick**, Associate Professor, ME.

## Two days Training Webinar on Integrative Design Approach

NIT Raipur and, Chhattisgarh Renewable Energy Development Agency (CREDA) with the Support of Bureau of Energy Efficiency (BEE), Ministry of Power, Government of India organised Two-Days Online Training on Integrative Design Approach and Energy Simulation for ECBC & ENS from on 16<sup>th</sup> and 17<sup>th</sup> Sep., 2021. The event was coordinated by **Mr. M. Tenguriya**, Nodal officer, Energy Conservation Building Code (ECBC) and Eco Niwas Samhita (ENS), NIT Raipur. This program was organised for Faculty Members, Research Scholars and M.Tech Scholars.

## Awareness Program on Energy Conservation

The office of the Dean Student Welfare, NIT Raipur, organised a 10 days' Awareness Program (Webinar) on 'Energy Conservation - It's Importance, Methods and Benefits of Conserving Petroleum Products and Emission Radiation' for B.Tech. VII Semester students of Chemical, Civil, Electrical, Mechanical, Mining and Metallurgical & Materials Engineering departments in association with Petroleum Conservation Research Association (PCRA), India, from 12<sup>th</sup> Jul., to 23<sup>rd</sup> Jul., 2021. The inauguration was graced by **Dr. A. M. Rawani**, Director, NIT Raipur, and **Mr. P. K. Bharasa**, Joint Director, PCRA (E-R, Kolkata). The Awareness Program was conducted by **Mr. S. M. Bose**, Faculty, PCRA, and was coordinated by **Dr. P. Diwan**, Dean, Student Welfare, NIT Raipur, and **Dr. N. K. Jain**, Associate Dean, Student Welfare, NIT Raipur.



## Webinar on Green Shift in the Built Environment

Department of Civil Engineering, NIT Raipur and IGS Raipur Chapter jointly organised a webinar on Green Shift in

the **Built Environment** on 8<sup>th</sup> Jul., 2021. The Chief Guest of this webinar was **Dr. J. T. Shahu**, *Professor, Civil Engineering, IIT Delhi*. **Dr. V. Thakur**, *Head, Civil and Transportation Engineering, NTNU Norway* and **Dr. N. K. Samadhiya**, *Professor, Civil Engineering, IIT Roorkee* were present in the webinar. During the webinar, discussion was made with the expert speaker about the impact of the various activities on the environment. **Dr. G. D. Ramtekkar**, *Head, CE, NIT Raipur* proposed the vote of thanks.

## Webinar on Reinterpreting Traditional Wisdom: Sustainable Architecture of Hassan Fathy



Department of Architecture, NIT Raipur, organised a webinar on **Reinterpreting Traditional Wisdom: Sustainable Architecture of Hassan Fathy** on 31<sup>st</sup> Jul., 2021. **Dr. K. Mohan**, *Director, GITAM School of Architecture, Visakhapatnam*, was invited to be the eminent speaker of the event. The event was organised under the guidance of **Dr. S. Sthapak**, *Head, DOA* and coordinated by **Dr. D. Sanyal**, *Associate Professor, DOA* and **Ar. S. Sahu**, *Assistant Professor, DOA*.

## Webinar on 'Awas par Samvad' Housing for All- PMAY



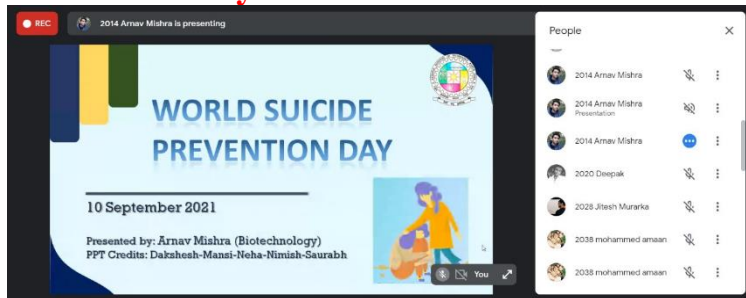
Department of Architecture, NIT Raipur organised a one-day virtual seminar on **Social Mobilization in Housing** on 5<sup>th</sup> Aug., 2021. **Dr. A.M. Rawani**, *Director, NIT Raipur*, was the Patron of the event. The introductory speech was delivered by **Dr. S. Sthapak**, *HOD, DOA*. The event was coordinated by **Mr. S. K. Sahu**, *Assistant Professor, DOA*. **Dr. H. Pillai**, *Architect (Archie Studio)* discussed on *Social Mobilization in Urban Housing for Disaster Management*. Furthermore, **Dr. D. Sanyal**, *Associate Professor, DOA* discussed various principal elements that are essential for Social Housing in Urban Area. **Mr. Y. Pratap**, *Urban Infrastructure Specialist, SUDA Raipur*, discussed architecture planning, which is essential for social housing. After the academic discussion and presentation, all the Pradhan Mantri Awaas Yojna (PMAY) beneficiaries interacted with the panel members. The event was sponsored by the **Ministry of Housing and Urban Affairs, Govt. of India**.

## Webinar on Artificial Intelligence in Geotechnical Engineering



Department of Civil Engineering (CE), NIT Raipur and IGS Raipur Chapter jointly organised a webinar on **Artificial Intelligence in Geotechnical Engineering** on 10<sup>th</sup> Sep., 2021. The chief Guest of the webinar was **Dr. P. Samui**, *Associate Professor, Civil Engineering, NIT Patna*. During the webinar, a healthy discussion was made with the expert speakers about using artificial intelligence in various civil engineering fields related to slope stability, liquefaction, Geo-environment etc. **Dr. S. Bajpai**, *Professor, CE, NIT Raipur and Chairman IGS Raipur Chapter* proposed the vote of thanks.

## Webinar on Mental Health on World Suicide Prevention Day



The Department of Humanities and Social Sciences (DHSS), NIT Raipur, organised a two-day webinar on **Mental Health on World Suicide Prevention Day** from 10<sup>th</sup> Sept., to 11<sup>th</sup> Sept., 2021. The event was coordinated by **Dr. H. Chawda**, *Faculty of Value Education, DHSS* and *Psychological Counsellor*, NIT Raipur. The program was conducted under the guidance of **Dr. S. Bajpai**, *Head, Career Development Centre (CDC)* and **Dr. S. Sanyal**, *Dean, Faculty Welfare*. In this webinar event, students from various branches of NIT Raipur made presentation on the topic, reflecting their views on Covid-19 & Mental Health.

## Online Workshop on Resume Writing

Department of Mechanical Engineering (ME), NIT Raipur and Mechanical Engineering Association (MEA) organised a three-day online workshop on **Resume Writing** on 5<sup>th</sup>, 11<sup>th</sup> and 12<sup>th</sup> Sep., 2021 to provide hands-on training in various topics such as how to furnish the information related to objectives, academics, projects, internships, and awards in preparation of a company-based resume. The chairperson of the event was **Dr. S. Sanyal**, *HoD Mechanical Engineering*. The workshop's speaker was **Mr. N. K. Banchhor**, *Entrepreneur, Founder and CEO of Pro C Education and Vishva Vedanta Schools, Chhattisgarh*. The workshop was coordinated by **Dr. N. V. S. Naidu**, *Professor, Incharge MEA, NIT Raipur*.



## Expert Lectures Delivered by Director, NIT Raipur

- **Dr. A. M. Rawani**, Director, NIT Raipur delivered an invited talk on the topic *Strengthening the Third Pillar of Atmanirbhar Bharat as a Technology Institute* on 15<sup>th</sup> Sep., 2021 in the **Vigyan Mahotsav programme** organized virtually by **Chhattisgarh Council of Science and Technology (CGCOST)** under the Azadi Ka Amrit Mahotsav celebration. <https://www.youtube.com/watch?v=L3T7XKc7KJo>
- **Dr. A. M. Rawani**, Director, NIT Raipur delivered an invited talk as a Panellist on the topic *National Education Policy (NEP): Can it make a difference to Higher Education in India?* on 22<sup>nd</sup> Sep., 2021 in the **20<sup>th</sup> World Education Summit** organized virtually by **Elets Technomedia Pvt. Ltd.** [https://www.youtube.com/watch?v=V1ScBMifD\\_E](https://www.youtube.com/watch?v=V1ScBMifD_E)

## Expert Lectures Delivered by Institute Faculty/Staff

- **Dr. L. K. Yadu**, Associate Professor, CE, delivered an expert lecture on *Geotechnical Investigation and Basic Soil Tests and its Significance* in the one-week Short-Term Training Programme (STTP) on *Advances in Geotechnical, Mining, and Geology* organised by **NIT Raipur, IGS Raipur Chapter andSSIPMT, Raipur** on 9<sup>th</sup> Jun., 2021.
- **Dr. A. Sharaff**, Assistant Professor, CSE delivered an expert lecture on *Nature Inspired AI Techniques* as Resource Person for *AICTE Training And Learning (ATAL) FDP on Ability and Inability of AI* organised by **Gandhi Institute for Technology (GIFT), Bhubaneswar** from 21<sup>st</sup> to 25<sup>th</sup> June, 2021.
- **Dr. S. Ghosh**, Associate Professor, EE, delivered an expert lecture on *Sensors for Wide Area Monitoring and Control of Power Networks* at an online ATAL FDP on *Trends in Measurement and Control for System Automation* organised by **Birla Institute of Technology, Mesra** on 28<sup>th</sup> Jun., 2021.
- **Dr. N. Gupta**, Assistant Professor, DMME delivered an expert lecture on *Metal Borides and their Applications in RESVs and Armour Systems* in the 2<sup>nd</sup> International Conference on *Metallurgy & Materials Technology Emerging Trends: Development & Applications* that was organised by **MatCorr** from 29<sup>th</sup> Jun., to 30<sup>th</sup> Jun., 2021.
- **Dr. L. K. Yadu**, Associate Professor, CE, delivered an expert lecture on *Laboratory Management and Lab Safety* in the two weeks Non-Teaching Staff Training Program (NTSTP-2021) on *Management Capacity Enhancement Training Program for Non-Teaching Officers and Staff* organised by **Chhattisgarh Swami Vivekanand Technical University, Bhilai** on 12<sup>th</sup> Jul., 2021.
- **Dr. N. Gupta**, Assistant Professor, DMME delivered an expert lecture on the *Influence of Stress on Crack Propagation in Notched Al-7075* in the 2<sup>nd</sup> International Congress on *Advances in Mechanical and Systems Engineering CAMSE 2021*, which was organised by **Dr. B. R. Ambedkar National Institute of Technology Jalandhar, Punjab**, from 17<sup>th</sup> Jul., to 19<sup>th</sup> Jul., 2021.
- **Dr. D. C. Jhariya**, Assistant Professor, Department of Applied Geology (DAG) delivered an expert lecture on *GIS-Based Groundwater Quality Assessment* in a short-term course on *Water Resource Management* organised by **UGC- Human Resource Development Centre, Sant Gadge Baba Amravati University** on 22<sup>nd</sup> Jul., 2021.
- **Dr. G. P. Gupta**, Assistant Professor, IT, delivered an expert lecture on *Secure IoT Data Sharing Framework* in the one-week Faculty Development Programme (FDP) on *Recent Advances and Trends in Lightweight Cryptography for IoT Security and Blockchain Technologies*, which was sponsored by AICTE Training and Learning (ATAL) and organised by **Department of Computer Science and Engineering (CSE), UIT-RGPV, Bhopal** on 28<sup>th</sup> Jul., 2021.
- **Dr. L. K. Yadu**, Associate Professor, CE delivered an expert lecture on *Test on Soils* in the Training program on *Quality Control, Management, Maintenance Material Testing & Procedure for Rural Roads Construction (Field & Lab)* organised by **Chhattisgarh Rural Road Development Agency, Naya Raipur, Chhattisgarh** on 28<sup>th</sup> Jul., 2021.
- **Dr. S. L. Sinha**, Professor, ME delivered an expert lecture on *Energy Conservation: A New Frontier of Research* at the *National Workshop on Emerging Trend in the Research Areas and Opportunities in Science & Technology* organised by **Research and Development Cell, School of Studies, Engineering & Technology, Guru Ghasidas Vishwavidyalay, Bilaspur, India** on 31<sup>st</sup> Jul., 2021.
- **Dr. D. Sanyal**, Associate professor, DA delivered an expert lecture online on *Social Housing* in a *Seminar on Housing: Awas Par Samvad, PMAY* that was organised by **NIT Raipur** on 5<sup>th</sup> Aug., 2021.
- **Dr. D. C. Jhariya**, Assistant Professor, DAG delivered an expert lecture on *Anthropogenic Stress on Groundwater Sustainability in Raipur City, Chhattisgarh* in a webinar on *Aquifer Identification and Groundwater Sustainability* which was organised by **Rajiv Gandhi National Ground Water Training and Research Institute, Central Ground Water Board Ministry of Jal Shakti, Government of India** on 10<sup>th</sup> Aug., 2021.
- **Dr. M. Biswal**, Assistant Professor, EE, delivered an expert lecture on *Smart Distribution Network* at a *Six-Days Online STTP On Smart Grid and Big Data Analysis Phase-III* organised by **IPS Academy, Institute of Engineering & Science, Indore** on 10<sup>th</sup> Aug., 2021.
- **Dr. D. Sanyal**, Associate professor, DA delivered an expert lecture online on *Architecture of Chhattisgarh & Gujarat*, in the **Ek Bharat Shreshtha Bharat** event, which was organised by **DD Chhattisgarh, Raipur**, on 19<sup>th</sup> Aug., 2021.
- **Dr. N. Netam**, Assistant Professor, ME delivered an expert lecture on *Introduction & Approaches to Green Buildings* in the five-day ATAL FDP on *Green Technology & Sustainability Engineering* organised by **Bharati Vidyapeeth College of Engineering, Navi Mumbai** on 23<sup>rd</sup> Aug., 2021.
- **Dr. S. L. Sinha**, Professor, ME delivered an expert lecture on *Recent*

*Developments in Energy Systems* at the Webinar on Emerging Frontiers of Research in Energy Systems organised by **Dwarkadas J Sanghvi College of Engineering, Mumbai** on 26<sup>th</sup> Aug., 2021.

- **Dr. S. Ghosh**, Associate Professor, EE., delivered an expert lecture on *Fractional Calculus for System Modelling and Control* at an online ATAL FDP on *Recent Trends in Control System* organised by **CSIT, Durg** on 26<sup>th</sup> Aug., 2021.
- **Dr. D. Sanyal**, Associate professor, DA delivered an expert lecture online on *Tall buildings-fire safety elevator & Security*, in *India Fire and Security Yatra 2021*, which was organised by **Fire Security Association of India Raipur** on 27<sup>th</sup> Aug., 2021.
- **Dr. M. Biswal**, Assistant Professor, EE, delivered an expert lecture on *Renewable Penetrated Distribution Network: Protection Challenges and Mitigation in Emerging Trends in Two Weeks National Workshop On Emerging Trends in Smart Grid and Sustainable*

*Energy Technology* organised by **NIT Meghalaya** on 4<sup>th</sup> Sep., 2021.

- **Dr. L. K. Yadu**, Associate Professor, CE delivered an expert lecture on *Forensic Geotechnical Engineering and Case Studies* in the *Celebration of Teacher's Day* organised by **IGS Jabalapur Chapter and Student Chapter IGS, Jabalpur** on 5<sup>th</sup> Sep., 2021.
- **Dr. M. Biswal**, Assistant Professor, EE, was the session chairperson at the *1<sup>st</sup> International Conference on Smart Energy and Advancement in Power Technologies (ICSEAPT-2021)* organised by **NIT Jamshedpur** on 6<sup>th</sup> Sep., 2021.
- **Dr. A. Sharaff**, Assistant Professor, CSE, delivered an expert lecture on *Introduction to Data Science and its Applications* as Resource Person for *AICTE STTP under AQIS (Phase-II) on Practical Exposure on Machine Learning and Data Science-Phase-2* organised by **G. Pulla Reddy Engineering College Kurnool, AP** from 6<sup>th</sup> to 11<sup>th</sup> Sep., 2021.

- **Dr. A. Yadav**, Associate Professor, EE., delivered an expert lecture on *AI-assisted Protective Relaying Methods for Power Systems* at an online ATAL One Week FDP on *AI & IOT applications in Energy Sector* organised by **LNCT GROUP, Bhopal** on 7<sup>th</sup> Sep., 2021.

- **Dr. R. K. Sahu**, Assistant Professor, DME delivered an expert lecture on *Smart Material for Actuators and Sensors* in the *Advancement in Mechanical Engineering*, which was organised by **Raj Kumar Goyal Institute of Technology, Ghaziabad** on 7<sup>th</sup> Sep., 2021.
- **Dr. L. K. Yadu**, Associate Professor, CE, delivered an expert lecture on *Geotechnical Investigation: Basics and its Importance* in the *Celebration of Engineer's Day* organised by **BIT Raipur & IGS Student Chapter BIT, Raipur** on 15<sup>th</sup> Sep., 2021.
- **Mr. M. Tenguriya** Assistant professor DOA delivered an expert lecture on *Indoor Environmental Control* at **Raipur Institute of Fashion and Interiors, Raipur** on 20<sup>th</sup> Sep., 2021.

## Research Frontier

### Awards, Recognition, and Fellowships

- **Dr. A. Sharaff**, Assistant Professor, CSE acted as Judge in the grand finale round of **Toycathon 2021** held on 22<sup>nd</sup> and 23<sup>rd</sup> Jun., 2021.
- **Dr. L. K. Sahu**, Assistant Professor, EE, is nominated as *Technical Program Chair* for **IEEE Bombay Section Signature Conference (IBSSC) 2021**.
- **Dr. L. K. Sahu**, Assistant Professor, EE, is nominated as a member of the *Technical Program Committee* for **IEEE International Transportation Electrification (iTECH) 2021**.
- **Dr. L. K. Sahu**, Assistant Professor, EE, is nominated as a member of the *Technical Program Committee* for the **2<sup>nd</sup> IEEE Conference on Electrical Power and Energy System (ICEPES) 2021.b**
- **Dr. E. Koley**, and **Dr. L. K. Sahu**, Assistant Professors, EE is acting as a member of the *Technical Program Committee* for the **International Conference: Sustainable Technology and Advanced Computing in Electrical Engineering (ICSTACE) 2021, SVNIT Surat, Gujarat, India**.
- **Mr. K. K. Sahoo**, Dy Registrar (F&A), NIT Raipur defended his PhD thesis titled *Impact of Human Resource Development Interventions on Organisational effectiveness: A case study on UCO Bank* on 4<sup>th</sup> Sep., 2021 from **Utkal University Bhubaneswar Odisha**.

### PhD Thesis Defended

- **Mr. Krushnachandra Panigrahy** defended his PhD thesis titled *Reverse-order laws for tensors* on 6<sup>th</sup> Jul., 2021, under the supervision of **Dr. D. Mishra**, Assistant Professor, Department of Mathematics.
- **Mr. Naresh Patnana** defended his PhD thesis titled *Meta-Heuristic Based Controller Design for Reverse Osmosis Desalination Systems* on 24<sup>th</sup> Jun., 2021, under the supervision of **Dr. S. Pattnaik** and **Dr. V. P. Singh**, Assistant Professors, EE.
- **Ms. Namrata Singh** defended her PhD thesis titled *Development of Hybrid Ensemble Methods for Classification of Medical Data* on 28<sup>th</sup> Jun., 2021, under the supervision of **Dr. P. Singh** Assistant Professor, CSE.
- **Mrs. Shobha Maliwal** defended her PhD thesis titled *Flood Control Measures by Integrated Operation of Multi Reservoir System: MRP* on 14<sup>th</sup> Jul., 2021, under the supervision of **Dr. M. K. Verma**, Assistant Professor, CE, **Dr. L. K. Yadu**, Associate Professor, CE and **Dr. M. Murmu**, Assistant Professor, CE.
- **Ms. Neha Jha** defended her PhD thesis titled *Preparation and Characterisation of Oil-Extended EPDM Elastomer Nanocomposites: Effects of MWCNT and Nanographite*



- Concentrations* on 1<sup>st</sup> Jul., 2021, under the supervision of **Dr. S. P. Mahapatra**, Associate Professor, Department of Chemistry
- **Mr. Himanshu Poptani** defended his PhD thesis titled *Thermal Performance of Extensive Green Roof in Central Chhattisgarh: A Study for Raipur* on 26<sup>th</sup> Jul., 2021, under the supervision of **Dr. A. Bandyopadhyay**, Professor, DOA.
  - **Mr. Pushkar Deo Dewangan** defended his PhD thesis titled *Continuous Interval Systems: Reduced-Order Modeling and Controller Design* on 19<sup>th</sup> Aug., 2021, under the supervision of **Dr. V. P. Singh**, Assistant Professor, EE and **Dr. S. L. Sinha**, Professor, ME.
  - **Ms. Archana Ojha** defended her PhD thesis titled *Modelling Delay-Induced Stability and Chaos in Population Dynamics* on 26<sup>th</sup> Aug., 2021, under the supervision of **Dr. N. K. Thakur**, Associate Professor, Department of Mathematics.
  - **Mr. Pradip Kumar** defended his PhD thesis titled *A Multi-Institutional Study on Dosimetric Quality Assurance in Advanced Radiotherapy Techniques* on 01<sup>st</sup> Sep., 2021, under the supervision of **Dr. S. Agrawal**, Professor, Department of Physics and **Dr. R. M. Chandola**, Associate Professor, Department of Radiation Oncology, Pt. JNM Medical College and Hospital, Raipur.

## Students' Corner

- Extraordinary pictures from various genres clicked by **Shubhangi Agrawal, Vatsal Pandey, K. Adityaraj Chowhan, Tushar Sahu and Yash Kharat** from **Click Club, NIT Raipur** have been approved by **Photovogue**, an international photography platform curated by the *Photo Editors of Vogue Italia*.
  - A photograph by **Nirdesh Sharma**, 5<sup>th</sup> Sem., *Biotechnology*, was published in the online magazine **Chalbo India** in July 2020 edition. The theme of the month by the travel magazine was *Chhattisgarh: Full of surprises* which explored various travel destinations within the state. The photograph of **Amrit Dhara** located in Koriya district was chosen to feature the same.
  - **Vinayak Sahu, Rupesh Kumar, and Harvinder Singh Kurre** from the Department of Chemistry, NIT Raipur achieved **All India Ranks 1, 2** and category rank **1** respectively amongst 247 candidates in the *CGPSC Assistant Professor Recruitment-2019 (Higher Education Department) for Chemistry Department*. A total of eight students from the Institute successfully triumphed in the exam.
  - **Abhinay-The Dramatics Club** NIT Raipur has secured **1<sup>st</sup> and 3<sup>rd</sup> ranks** in the **National Level Monodrama Competition** on the theme '*Gems of Indian Freedom Struggle*', which Aaina India organised in association with **Harper Collins India, Eternal Mewar, and Centre of Indic Studies** on 20<sup>th</sup> Aug., 2021. A total of 9 teams participated in this national level competition under the guidance of **Dr. G. Bhatt**, Professor Incharge, *Abhinay-The Dramatics Club*. The winning team enacted legendary Telugu freedom fighter Uyyalawada Narasimha Reddy, which was performed by **Sydala Anjaneya Pratap** 2<sup>nd</sup> sem., IT. The script for the drama was written by **Shreyash Amrutham** 3<sup>rd</sup> sem DCE. The second runners-up team enacted Bhagat Singh, whose protagonist was **Gaurav Raj** 2<sup>nd</sup> sem., *Meta*, which was written by **Harshita Rajput** 3<sup>rd</sup> sem MCA. The winning teams were awarded with cash prizes and certificates.
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**UYYALAWADA NARASIMHA REDDY**  
THE FORGOTTEN FREEDOM FIGHTER

Performed by  
SYDALA ANJANEYA PRATAP  
Written by  
SHREYASH AMRUTHAM
- **Mr. Prasanat Kumar Jena**, PhD student, EE, **Dr. E. Koley**, Assistant Professor, EE, and **Dr. S. Ghosh**, Associate Professor, EE presented a research paper titled *A Binary-optimisation based coordinated cyber-physical attack for disrupting electricity market*, which was awarded the **K SHANKAR IEEE BS 2020 Meritorious Paper Award** at **K. Shankar Award Ceremony, hosted by IEEE Bombay Section** on 27<sup>th</sup> June, 2021.
  - **Mr. Anil Kumar Chappa**, PhD student, EE, **Dr. S. Gupta**, Professor, EE and **Dr. L. K. Sahu**, Assistant Professor, EE presented a research paper titled *A nine-level inverter topology with equal source utilisation*, which was awarded the **K SHANKAR IEEE BS 2020 Meritorious Paper Award** at the **K. Shankar Award Ceremony, hosted by IEEE Bombay Section** on 27<sup>th</sup> June, 2021.
  - **Mr. C.H. Kamesh Rao**, PhD Student, EE, **Dr. R. N. Patel**, Associate Professor, EE, and **Dr. L. K. Sahu**, Assistant Professor, EE, presented a research paper entitled *A Reconfigurable, Single Inductor based Non-Isolated Multiple Port DC/DC Converter Topology for SPV Applications* at the **IEEE Madras Section International Conference (MASCON)**, on 27<sup>th</sup>-28<sup>th</sup> Aug., 2021. Their paper was awarded the **Best Paper Award**.

## Club/Committee Activities

### Unkahi-the Open Mic Session 13.0

**Unkahi-the Open Mic Session 13.0** was conducted virtually by **Abhinay-The dramatics club** on 5<sup>th</sup> Aug., 2021. This session saw the showcasing of poetry, storytelling, singing, and stand-up comedy. In the event, over 15 performers performed the act; there was no restriction on the entry of the audience. It was organised under the supervision of **Dr. G. Bhatt**, Professor In-charge, *Abhinay-The Dramatics Club*

### Photo Editing Workshop Organized

The **Click Club, NIT Raipur**, organised an editing workshop on the topic **Frame of Tones** on 12<sup>th</sup> Sep., 2021 in virtual mode. The event's objective was to impart the basic knowledge on editing pictures in Lightroom and Photoshop editing software. The event was organised under the guidance of **Dr. S. Sanyal**, Professor In-charge, *Click Club*.

## Virtual Health Awareness Program on COVID-19



The Regional Coordinating Institute (RCI), NIT Raipur, in association with the National Coordinating Institute, Unnat Bharat Abhiyan 2.0, and Indian Institute of Technology (IIT), Delhi organised a five-day Virtual Learning Initiative and Health awareness program on COVID-19 from 25<sup>th</sup> Jul., to 29<sup>th</sup> Jul., 2021. Dr. A. M. Rawani, Director, NIT Raipur was the chief patron. The program was Chaired by Dr. S. Pandey, Chairman RCI and organising secretaries of the event were Dr. Jagdish, Dr. M. K. Verma and Dr. V. Agrawal, Members RCI. Dr. S. S. Dubey, AIIMS Raipur and Dr. P. Shukla, AIIMS Raipur delivered their keynote speech on the topic of COVID-19: Crisis and Challenges. Dr. M. Shukla, Faculty of Yoga, DHSS talked about the benefits of daily yoga towards developing a progressive and healthy lifestyle. Dr. A. K. Tiwari, Assistant Professor, DHSS talked about the importance of spreading awareness on vaccination in rural areas. Dr. V. Agrawal, Members RCI delivered the vote of thanks, and acknowledged the team of IIT Delhi, RCI members, UBA cell students, faculty members and participants.

### E-Cell

NIT Raipur celebrated World Entrepreneurship Week from 26<sup>th</sup> Aug., to 27<sup>th</sup> Aug., 2021 to raise awareness about entrepreneurship, and to inspire students to pursue the same. It was jointly organised by Entrepreneurship Cell, IEEE Student Branch and Innovation Cell, NIT Raipur. The event started with an online webinar in which Dr. P. K. Nimonkar, State Head, Chhattisgarh Industrial and Technical Consultancy Center (CITCON) delivered a speech on the 20 Steps Towards

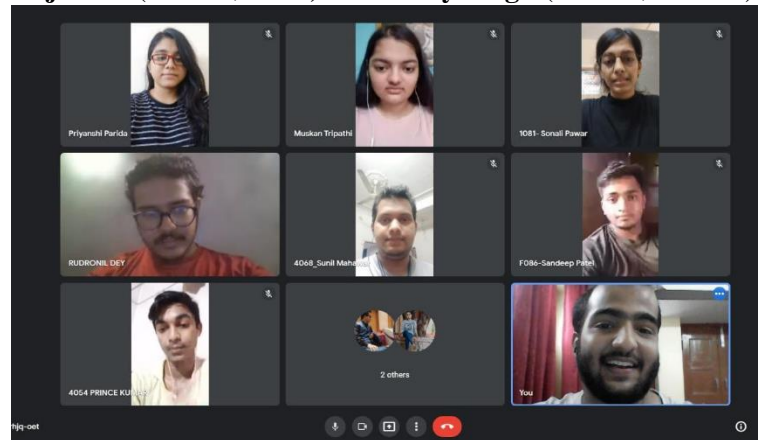


Entrepreneurship. In the panel discussion, the speakers were Mr. K. Pisda, Executive Director and Founder of Happy

Chases, Mr. S. Thaker, Co-founder, Zenithec Techware and Mr. A. Sharma, Founder and CEO of Calidad Healthcare. All the speakers emphasised the important topics like the development curriculum for entrepreneurs, identifying and dealing with failures of entrepreneurship. The event was organised under the able guidance of Dr. S. Bajpai, Head, CDC and Dr. R. N. Patel, Faculty In-charge, Entrepreneurship Cell, NIT Raipur.

### Mock Placement Drive

Students of NIT Raipur participated in the mock-placement drive, which was organised by its Mentorship Club, SAHYOG on 25<sup>th</sup> Jul., 2021. The drive started the sessions with four events: Group Discussion, Aptitude Test, Placement Talks, and Ethics of Company. It has been a continuous ongoing event that will be held once every week in a month. The event focused on boosting the placement offers of the Institute. The event was organised under the guidance of Dr. R. K. Jade, Professor Incharge, Mentorship Club, Sahyog, along with final year students Sunil Mahawar (7<sup>th</sup> sem., Civil), Hari Priya (7<sup>th</sup> sem., Meta.), Reetu Raj Sahu (7<sup>th</sup> sem., Meta) and Sunny Singh (7<sup>th</sup> sem., DMME).



### NSS

#### SAY NO TO SINGLE USE PLASTIC

Team NSS, NIT Raipur organised the “Say No to Single Use Plastic” to promote awareness of its harmful effects. Poster making competition, Essay writing competition and Slogan writing competition were organized from 25<sup>th</sup> to 31<sup>st</sup> Aug., 2021, under the guidance of Dr. G. Bhatt, Professor Incharge, NSS.

#### Events on Cleanliness

Team NSS, NIT Raipur organized events on Cleanliness under the Swachhta Pakhwada 2021 directed under initiative of Ministry of Education, Department of Higher Education from 5<sup>th</sup> to 11<sup>th</sup> Sep., 2021 under the guidance of Dr. G. Bhatt, Professor In-charge, NSS, NIT Raipur.

#### NSS Pride

Team NSS, NITRR organised the NSS Pride initiative to promote LGBTQ+ awareness and celebrated Pride Month. The Pride Ally Creative Writing Competition for poems, quotes and write ups and the Pride Ally Art Contest for hand-drawn art were conducted from 26<sup>th</sup> Jun., 2021 to 30<sup>th</sup> Jun., 2021. The event was organised under the supervision of Dr. G. Bhatt, Professor In-charge, NSS.



## Placement

- **Minal Mehta** 7<sup>th</sup> sem., DMME, **Anshika Agrawal** 7<sup>th</sup> sem., IT, **Dharna Chandrakar** 7<sup>th</sup> sem., ECE, **Sanjeeb Nath** 7<sup>th</sup> sem., CSE and **Mamidipaka Tejaswini** 7<sup>th</sup> sem., CSE have received their pre-placement offers (PPOs) from **Adobe Inc.**, with a package of **55 lakhs per-annum (LPA)**.
- **Priyanshi Sharma** 7<sup>th</sup> sem., CSE, received her pre-placement offer (PPO) from **Google** after completing her summer internship there. She has received a package of **45 LPA**.
- **Dishan Verma**, 7<sup>th</sup> sem., *Electronics and Communication Engineering* has received PPO from the **Arcesium**, a Global Financial Technology Firm with a package of **36.5 LPA**.
- **Ashutosh Panda** and **Swastik Sahoo** 7<sup>th</sup> sem., IT received PPOs from **D. E. Shaw**, the Multinational Investment Firm, where they bagged a package of **36 LPA**.
- **Viren Khatri**, **Achintya Patel**, **Anany Sharma**, **Anjali Patle** 7<sup>th</sup> sem., CSE, **Amit Porwal**, **Yogesh Sharma**, **Madhur Sengar**, **Shashank Tiwari** and **Ayushi Jain** 7<sup>th</sup> sem., IT have received FTE offers at **Amazon** for a package of **32.2 LPA**.
- **Sakshi Bhandarkar**, **Abhijit Dixit**, **Kushagar Jaiswal**, and **Shruti Mittal** 7<sup>th</sup> sem., CSE and **Ashish Kumar**, **Richa Singh**, **Saurabh Shukla**, **Yelete Sri Satyalakshmi** and **Pandey Tejpratap** 7<sup>th</sup> sem., IT and **Gayatri Basude**, MCA, have received PPOs from **DBOI Global Services** with a package of **19.68 LPA**.

## Nomination for Alumnus Awards

### Alumnus Awards

To honour alumni for their contributions **NIT Raipur** has constituted the *Distinguished Alumnus Awards* that will be awarded from this year onwards under the supervision and guidance of **Dr. A. M. Rawani**, *Director, NIT Raipur*. The nominations for the **Young Achiever Alumnus Award**, the **Distinguished Alumnus Award** and the **Lifetime Achievement Award** have to be submitted to **Dr. Bidyut Mazumdar**, *Chairman*, Alumni Relations and Resource Generation through the faculty members of NIT Raipur, the BOG members of NIT Raipur (past and present), the Senate members and the President of Alumni Associations and chapters before/on 30<sup>th</sup> Oct., 2021. (<http://www.nitr.ac.in/Alumni%20Awards.php>)

## Alumni Achievement

- **Mr. Anil Banchhor**, (1984/Civil) won the *Economic Times Best Brand in Building Material and Fittings Industry 2021 Award*.
- **Dr. Varsha Varwandkar**, (1993/Civil) got selected as the *State President, Chhattisgarh Mental Health Council, Women's Indian Chamber of Commerce and Industry (WICCI), Chhattisgarh*.
- **Dr. Shailendra V. Gade**, (1985/Mech) got promoted and took charge as the *Director, Vehicle Research Development Establishment (VRDE), DRDO, Govt. of India*.
- **Mr. Anand Jain**, IPS, (1995/Mech), *President, the Alumni Association of GEC NIT Raipur, chapter J&K* has been appointed as *Joint Secretary, Government of India*.
- **Ms. Heera Chhablani**, (1993/Electrical) joined the *Oracle* as *Senior Director, Strategic Clients Group, APAC region*.
- **Mr. Aakash Shrishrimal** (2019/Civil) Secure **AIR 94<sup>th</sup>** in the prestigious **UPSC Civil Services Examination 2020**.
- **Mr Akash Kumar Shukla** (2015/Mining) Secure **427<sup>th</sup> Rank** in the **UPSC 2020**.
- **Mr. Neer Nandeha** (2017/Civil), topped the state service exam, **CG-PSC 2019**, by securing the **1<sup>st</sup> Rank** (overall).
- **Mr. Ajay Modiyam** (2018/Mech) topped the state service exam, **CG-PSC 2019**, by securing the **1<sup>st</sup> Rank** (ST Category).
- **Mr. Gagan Sharma** (2010/Civil), secured the **4<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.
- **Ms. Ruchi Shardul** (2014/B. Arch), secured the **5<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.
- **Mr. Akash Shukla** (2015/Mining) secured the **9<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.
- **Mr. Piyush Tiwari** (2017/Mining), secured the **18<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.
- **Mr. Shravan Bansal** (2018/Metallurgy) secured the **106<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.
- **Mr. Vinay Kashyap** (2018/Metallurgy) secured the **137<sup>th</sup> Rank** in the state service exam, **CG-PSC 2019**.

## Upcoming Events

### Industry Institute Conclave-2021

**National and Industrial Collaboration Cell, NIT Raipur** will organise virtual **Industry Institute Conclave-2021** on 22<sup>nd</sup> and 23<sup>rd</sup> Oct., 2021, which would serve as a platform to facilitate close interactions to synchronise the quality of education and to explore and identify common avenues of interaction with industry. The event will be coordinated by **Dr. S L Sinha**, *Professor, ME* and **Dr. N V S Naidu**, *Associate Professor, ME*.

### 12<sup>th</sup> Convocation

NIT Raipur will organise **12<sup>th</sup> Convocation** on 1<sup>st</sup> Dec., 2021 to confer degrees to students who have completed B.Arch/B.Tech/MCA/M.Tech/Ph.D. in Summer 2020, Autumn 2020, Winter 2021, and Spring 2021.

### 16<sup>th</sup> Foundation Day

NIT Raipur will celebrate its **16<sup>th</sup> Foundation Day** on 1<sup>st</sup> Dec., 2021.

## Support to Covid Affected Students

### Contribution

NIT Raipur expresses sincere gratitude towards the following people who have made their generous contribution to the donations fund namely Support to Covid Affected Students.

- Dr A M Rawani
- Dr Samir Bajpai
- Dr Swasti Sthapak
- Shri Pawan Kataria
- Dr Subhojit Ghosh
- Dr Naresh Kumar Nagwani
- Dr Pradeep Singh
- Dr Prabhat Diwan
- Dr Nisha Netam
- Dr Nitin Kumar Jain
- Dr Chandrakant Thakur
- Dr Himanshu Govil
- Dr Alok Naugarhiya
- Shri Kshiroda Kumar Sahoo
- Dr. Mridul Singh Rajput
- Dr. Harendra K. Narang

### Appeal

As our nation is hugely affected by the Covid-19 pandemic. A large number of families across the nation have lost lives of their near and dear ones. NIT Raipur family stands in solidarity with such covid -19 affected families and students of NIT Raipur. In this regard, NIT Raipur has created a donation fund namely "SUPPORT TO COVID AFFECTED STUDENTS" with the approval of the competent authority. The amount collected in this donation fund will be utilized to provide financial support for full/partial Academic Fee Payment of such students of NIT Raipur who have lost their earning parent in the Covid-19 pandemic.

It is hereby humbly appealed to all employees of the Institute to contribute generously onto this Donation Fund namely, "SUPPORT TO COVID AFFECTED STUDENTS". The benefits of Income Tax Exemption will be available to all donors, as per Section G and as applicable.

The link for Donation is:

<http://www.nitr.ac.in/donation.php> OR <https://forms.eduqfix.com/nitrdfform/add>

The employees who are willing to donate in Donation Fund namely "SUPPORT TO COVID AFFECTED STUDENTS" should clearly specify purpose of Donation under Please specify your purpose of donation here on the above link.

## Contribution to the Institution

### Donations

NIT Raipur expresses sincere gratitude towards the following people who have made their generous donations to the Institute.

- Shri Pankaj Sarda
- Shri Ravikant Verma
- Shri Sachin Jaiswal.

### Appeal

Ever since its establishment in 1956, the institute has been serving and maintaining steady progress to achieve a unique feat in the highly competitive area of engineering and technology. To focus on cutting-edge multidisciplinary and frontier areas of engineering and technology as well as innovation-based research, a strong and continuous financial support from alumni, faculty members, students and all well-wishers is the need of the hour. All the stakeholders of the Institute have a major role in building a corpus fund to support various teaching and research infrastructures, and other allied facilities for the welfare of students. NIT Raipur appeals to all alumni, faculty members, students and well-wishers for their contribution to the NIT Raipur Donation Fund. **The financial donation is exempted under section 80G (5) (vi) of the Income Tax, 1961 Vide IT Order Number ITBA/EXM/S/80G/2019-20/1015830613(1) dated 29/04/2019.**

### How to Contribute:

The payment may be made either online (<https://www.eduqfix.com/OnlineForms/nitrdfform/add>) or directly into the bank account of "NIT Raipur Donation Fund".

**Name of the Account: NIT Raipur Donation Fund**

**Account Number: 50100254910087**

**Name of the Bank: HDFC Bank, Tatibandh Branch, Raipur**

**IFSC Code: HDFC0003692**

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**Mr. P. Sharma** (Office Coordinator, PMRC)

**Priyanshi Sharma** (7<sup>th</sup> Sem., CSE) **Piyush Pastor** (7<sup>th</sup> Sem., DCE) **Anish Gupta** (7<sup>th</sup> Sem., IT)  
**Aditi Agrawal**, (5<sup>th</sup> Sem., DCE) **Arnav Tripathi**, (5<sup>th</sup> Sem., EE,) **J. Varun Iyer**, (5<sup>th</sup> Sem., CSE)

**Neha Gaikwad** (2 nd Sem., IT) **Arkita Dam** (2 nd Sem., DMME)