

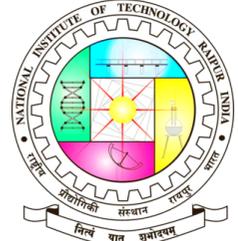
THE QUARTERLY NEWSLETTER OF NIT RAIPUR



Volume 6- Issue II

Mirror

Reflecting the True Spirit of NIT Raipur



1st July 2023



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QUARTERLY GLIMPSES



CONVOCAATION DAY



ENVIRONMENT DAY



YUVA SANGAM

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NIT RAIPUR IN MEDIA

एनआईटी में आईटी और सीएस के स्टूडेंट्स को मिला 47 लाख का पैकेज

#AchievementTime: एनआईटी के 5 स्टूडेंट ईटी कैम्पस स्टार्स के लिए सलेक्ट नामी कंपनियों के सीईओ और मैनेजिंग डायरेक्टर से रूबरू हुए भावी इंजीनियर

नई तकनीक: कम कीमत में सेल्फ ड्राइविंग कार
विजन कैमरे से खुद चल सकेगी कार, एनआईटी के टीचर-छात्र का कमाल

ब्लड डोनेट कैंप में एनआईटी के छात्रों ने किया रक्तदान

एनआईटी में सर्टिफिकेट पाठ्यक्रम शुरू, 172 प्रतिभागी ले रहे हिस्सा

नाट्य के माध्यम से बताए तनाव-मुक्त रहने के तरीके

सिपेट-एनआईटी मिलकर करेंगे शोध

एनआईटी में आयोजन 0युवाओं को जोड़ने और उनके विकास पर केंद्रित है यह कार्यक्रम युवा संगम को सांसद सोनी ने दिखाई हरी झंडी

Students visit Sirpur under 'Yuva Sangam'

एनआईटी के निदेशक प्रो. एनवी रमन्ना राव ने संभाला कार्यभार

एनआईटी के पूर्व तीन छात्रों ने यूपीएससी में लहराया परचम

NIT Raipur observes National Technology day

NIT organises day-long Research Facility Training Programme

TheHitavada

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ehitavada.com

NIT Raipur holds speech competition on Ambedkar Jayanti

Students from Ch'garh to tour NIT Nagaland

Under Yuva Sangam

concluded by wishing them the best for their

एनआईटी के छात्रों ने लिया पर्यावरण संरक्षण का संकल्प, पुरस्कार भी जीते

NIT students get placements in Arcesium, NatWest, DBOI

NIT's Motorsports Club holds Induction Programme

NIT organises day-long Research Facility Training Programme

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ehitavada.com

NIT Raipur organises students' visit under Scientific Social Responsibility

नवभारत Rajdhani - 14 May 2023 - 14raj2
epaper.navabharat.news

24 विद्यार्थियों को गोल्ड और 23 को मिले सिल्वर मेडल

एनआईटी रायपुर में तेरहवें दीक्षांत समारोह का किया गया शानदार आयोजन

Director's Message



It is a great pleasure and honor for me to take charge as the Director of National Institute of Technology Raipur. The National Institute of Technology Raipur (Formerly Government Engineering College, Raipur) was established in 1956 to provide a significant niche in the education and research of science and technology. Over a period of more than six decades, NIT Raipur has emerged as a leading institution in engineering & technology and sciences. Today, NIT Raipur is positioned to make key contributions to the advancement of technology solutions and sustainability research and to help lead the way toward sustainable growth of technological resources. The institute is preparing the next generation of engineers who will carry the path forward for the development of this Country.

The Institute is committed to creating an ambience for nurturing innovation, creativity, research and excellence within its faculty and students. We, at

NIT Raipur, strongly support interdisciplinary research and development for the benefit of Industry and Society. We emphasize on holistic development of our students. We are proud to say that the Institute is ideally placed to exploit synergy within the engineering and science departments at the Institute. In doing so, we believe the Institute will continue to create unique and novel programs to make significant contributions to Science and Technology as a domain. We are confident that all our efforts will grow into significant epitomes of achievements in the larger academic parlance. Hopefully, our labours in all the major areas of science and technology will produce fruitful results in academic innovation, top-tier journal publications, citations, and technology developments.

An institution is only as good as its people are, and onboarding excellent human resources to facilitate and guide learning and practice is something that is pursued with hallmark NIT zeal. The student community drawn from all over the country has grown and will continue to grow in strength and diversity. The dream is to make a creative, multidisciplinary institution which delivers quality education, original research, and practice, is what drives the academic community here. Development of robust infrastructure is our priority, and state-of-the-art centres and facilities for research and development in areas like data science, computational imaging, high-performance computing, micro-nano fabrication, materials and manufacturing, and instrumentation.

On a final note, I thank you all again as I embark on our journey to make NIT Raipur one of the best academic destinations of our nation.

Dr. N. V. Ramana Rao

Director NIT Raipur

New Director at NIT Raipur



NIT Raipur has a new director at its helm. **Dr. N. V. Ramana Rao** has taken charge of the institute from **Dr. A. B. Soni**, Director (I/C), NIT Raipur on 8th Jun. 2023, after having been the *Director & Professor of Civil Engineering, NIT Warangal* for a term of five years from 23rd Oct. 2017. Prior, he has worked as *Rector & Professor of Civil Engineering at Jawaharlal Nehru Technology University Hyderabad*. He did his B.E. in *Civil Engineering* from (Osmania), M.Tech from (IIT Delhi), Ph.D. and Post Doctorate from U.K. in *Civil and Structural Engineering* from *University of Wales, Swansea, United Kingdom*.

He has held several Administrative posts as **Registrar, JNTU, Kukatpally, Hyderabad** from 30th Apr. 2012 to 21st Jul. 2015, as **Principal, JNTUH College of Engineering Hyderabad, Kukatpally, Hyderabad** from 30th Apr. 2008 to 24th Nov. 2011, as **Director, Bureau of Industrial Consultancy Services, JNT University, Hyderabad** from 5th Sep. 2003 to 5th May 2006, as **Co-ordinator, Entrepreneurship Development Cell, JNT University, Hyderabad** from 1st Aug. 2002 to 31st Jan. 2004. He has also served as the **Director (Additional charge), NIT Andhra Pradesh** from 23rd Oct. 2017 to 23rd Mar. 2018 and **Director (Additional charge), SPA, Vijayawada** from 18th Nov. 2021 to 23rd Sep. 2022. **Dr. Ramana Rao** has edited three books and published 186 papers in International Journals/International Conferences/ National Journals/ National Conferences. He has organized 12 Conferences/Workshops, Delivered 15 invited lectures. He has guided more than 80 M.Techs., 13 Ph.Ds. and guiding at present several Ph.Ds. He has been conferred with several accolades such as **the Outstanding Concrete Engineer Award for the year 2012** by A.P. Chapter of the Indian Concrete Institute, **Sir Arthur Cotton Memorial Prize** by the Institute of Engineers (India) for the best paper in the IEI Journal, December, 2012), **Sir Arthur Cotton Memorial Prize** by the Institute of Engineers (India) in 2015, **State Best Teacher Award for the year 2011** by the Government of Andhra Pradesh, **Best Designer Award for year the 2004** by Indian Concrete Institute, A.P., Hyderabad and the TOBIP Award for the year by the Junior Chambers International, Hyderabad, September 2012, JCI Banjara Hyderabad. He has been awarded the **1998 Commonwealth Fellowship** to pursue Post Doctoral research at the University of Wales, Swansea.

U.K., **Young Engineer Award for the year 1995** by Government of Andhra Pradesh and Institution of Engineers, India, A.P. State Centre. He has been awarded the 1989 **Commonwealth Scholarship** to pursue Ph.D. in Structural engineering at the **University of Wales, Swansea, UK. He has also received the “Eminent Engineer” Award** presented by the Association of Consulting Civil Engineer (India) ACCE(I), Madurai on 2nd June 2018, for the immense contribution to the construction industry and the “**Bharat Ratna Sir Mokshagundam Visvesvaraya Prize Award-2020**” in the field of “Engineering”, presented by the Institute of Engineers (India), Telangana State Centre, Hyderabad, and Government of Telangana. He has been Nominated as an **Expert Committee member constituted by the UGC for grant of Autonomous status** to various Technical Institutions He has been a Subject Committee **Member of Telangana State Public Service Commission and Expert Committee Member of Telangana State Power Generation Corporation**. He is a **Member of Telangana State Pollution Control Board**. He has been the **Convener of EAMCETs, for more than 6 years of both combined AP and separate Telangana States**. He is also Member, JEE Apex Board (JAB) for conduct of JEE Examination in 2018, 2019 & 2020 for admission into IITs, NITs & CFTIs for admission into Professional courses of Engineering and Medical stream. He has been a Member of **Academic Senate, JNT University, Hyderabad**, Expert Committee Member of City Police Commissionerate Head Quarters Building and Integrated Command & Control Centre, **Former Chairman of the Indian Concrete Institute– AP Hyderabad centre, Former Secretary of the Indian Concrete Institute– AP Hyderabad centre, Executive member of the Indian Institute of Bridge Engineers**. He has held Membership of **Several Important State level Government Committees**. He has been a **Member of Several AICTE Inspection Committees**, Board of Studies **Chairman** in Civil Engineering, JNTUH, Coordinator, Singareni Collieries Recruitment Test, External **Expert Member of ISRO Departmental Promotion Committee (DPC)**. He has been a member of Several High-Power Committees constituted by Govt of AP & Telangana. He has been a member of the committee to frame affiliation guidelines for affiliated Engineering Colleges by the Government of Telangana. He has also elected Fellow of Telangana Academy of Sciences in the Year 2018. On the invitation from the **President of Mauritius** he has been a part of High-level discussion on the need to engage the worlds of Art, Nature, and Science in Mauritius. Prof. Ramana Rao has visited US, UK, China, Spain, Taiwan, Portugal (Lisbon) for academic collaboration.

NIT Raipur is proud to present and welcome its new director **Dr. N. V. Ramana Rao** and the institute hopes to soar under his adept guidance and leadership.

Organized the 13th Convocation Ceremony



NIT Raipur organised its 13th Convocation Ceremony on 13th May 2023 at Pandit Deendayal Upadhyay Auditorium, Raipur. Dr. Shailendra V. Gade, Scientist & Director General (ACE), DRDO, Alumnus, NIT Raipur was the Chief Guest of the event. Dr. (Mrs.) A. B. Soni, Director (I/C) & Acting Chairman, Board of Governors, NIT Raipur presided over the ceremony in the presence of all the Deans, HoDs, and faculty members and staffs. The ceremony commenced with the welcoming of the Director, Deans and HoDs by a formal procession led by Dr. P. Y. Dhekne, Registrar, NIT Raipur followed by the National Song. Dr. (Mrs.) A. B. Soni initiated the ceremony by delivering the annual institute report, the presidential address, elucidating the numerous accomplishments and the long-term future plans of the Institute. Dr. Shailendra Gade delivered the convocation address sharing his knowledge and wisdom, complimenting the students for their bright future and successful careers. Dr. (Mrs.) A. B. Soni sanctified this auspicious occasion by felicitating the PhD holders and conferring the respective degrees to Postgraduate (PG) and Undergraduate (UG) students. A total of 1214 degrees were awarded to the students, consisting of 80 PhD scholars, 238 PGs and 896 UGs. 47 academically exceptional and competent students were felicitated with gold and silver medals. 13 UGs and 11 PGs received gold medals while 12 UGs and 11 PGs received the silver medals. Yeleti Sri Satyalakshmi, B.Tech., IT bagged the Institute Gold medal for being the Overall Topper for the year 2022.

Dr. (Mrs.) A. B. Soni administered the official Oath-taking Ceremony and all the awardees recited after her unanimously. Dr. Shailendra Gade presented a memento to the institute. He was also acknowledged and felicitated with a memento. The ceremony concluded with the National Anthem, followed by Shanti Path.

Organized Yuva Sangam Phase Two

NIT Raipur was the nodal institute of the Yuva Sangam 2023 program and oversaw the departure of a delegation of 45 students from Chhattisgarh on 12th Jun. 2023 for NIT

Nagaland as part of the second phase of the government's Ek Bharat Shreshtha Bharat Yuva Sangam which was prompted by organizing a symbolic flag-off ceremony. Mr. Sunil Soni, Member of Parliament, Raipur was the Chief Guest of the event. He was welcomed heartily by Dr. (Mrs.) A. B. Soni, Director (I/C), NIT Raipur, Dr. P. Y. Dhekne, Registrar, Dr. Samir Bajpai, Head, CDC, Dr. Shrish Verma, Dean (Academics), Dr. Nitin Jain, Dean (Student Welfare) and other faculty members. Dr. (Mrs.) A. B. Soni, Director (I/C), NIT Raipur presented a sapling to Mr. S. Soni, Dr. N. Jain to Dr. (Mrs.) A. B. Soni, and Dr. Meena Murmu, Assistant Professor, CE to Dr. P. Y. Dhekne. This was followed by the lighting of lamps and the introduction of delegates with their sharing of excitement about the upcoming journey. Mr. S. Soni elaborated on the essence of Yuva Sangam in the development of our country and further explained its advantages, stressing the 5Ps (Paryatan, Parampara, Pragati, Prodyogik, and Paraspar Sampark) of Yuva Sangam. A memento was presented by Dr. (Mrs.) A. B. Soni, Director (I/C), NIT Raipur to Mr. S. Soni for his presence on this propitious occasion. Dr. S. Bajpai entailed the students to share their views with the people of Nagaland and stated how the delegates would play the role of brand ambassadors of the state. Dr. S. Verma provided the invaluable suggestions and tips to the delegates and signified the importance of their journey. Caps were distributed as a token to all the delegates and the faculty coordinators gave some key instructions about the trip. The literal flag-off ceremony was conducted on 13th Jun. 2023. Dr. N. V. Ramana Rao, Director, NIT Raipur presided over the ceremony as the Chief Guest.



NIT Raipur welcomed the delegates of Nagaland by organizing an opening ceremony on 15th Jun. 2023. Dr. Sanjay Alang, Divisional Commissioner, Raipur was present as the Chief Guest with Mr. Rustam Sarang, International Weightlifter, Chhattisgarh present as the Special Guest. Dr. N. V. Ramana Rao, Dr. Prabhat Diwan, Dean (R&C), and Dr. P. Y. Dhekne were the Distinguished Guests at the ceremony. Dr. N. Jain, Dr. Govardhan Bhatt, Nodal Officer, Yuva Sangam, NIT Raipur, the organizing committee, faculty members, staff, and students were present at the event. The students' delegates from Nagaland, along with the dignitaries were welcomed with garlands. The delegates introduced themselves, expressing their

views on Yuva Sangam, which was a great opportunity and a grandiose experience for them to connect with the diverse culture of Chhattisgarh. **Dr. P. Diwan** enlightened the delegates about their five-day schedule and explained how the experience would be invaluable for them. **Dr. N. V. Ramana Rao**, *Director, NIT Raipur* elaborated the significance of the program and how it would serve as a multidimensional exploring opportunity for the students. He proclaimed his appreciation to the Government of India, Ministry of Culture, Ministry of Tourism, AICTE, and IRCTC for their collaboration for the smooth functioning of the program. **Mr. R. Sarang** motivated the delegates and encouraged the students of Nagaland to test the cuisines of Chhattisgarh and gave them a blink at the native language of the state and also answered the queries of the delegates. **Dr. S. Alang** briefed about the history of Chhattisgarh, and also elaborated the origin and development of cultural traditions of the state. **Dr. P. Y. Dhekne** delivered the vote of thanks and appreciated the organizing committee. The first day ended with a delightful evening session featuring traditional bhajans performed by **Bharti Bandhu**, *Kabir Bhajan Artist & recipient of the prestigious Padma Shree award*. The event was attended by esteemed guests including **Dr. P. Y. Dhekne**, **Dr. N. Jain**, **Dr. S. Sanyal**, *HoD, ME* as well as the delegates, faculty members, and students from Nagaland.



On day two of the event, the delegates embarked on a visit to **Bhilai Steel Plant (BSP)**. The delegates were divided into two teams and were accompanied by **Mr. Manish Kumar**, *Coordinator, BSP*, and **Mr. Praveen Kumar**, *Staff, BSP*. **Mr. Amulya Priyadarshi**, *Acting Chief General Manager, Human Resources Development (HRD), BSP*, **Mr. Mukhul Saharia**, *Deputy General Manager, HRD, BSP* were present to welcome the delegates. **Mr. A. Priyadarshi** highlighted BSP's significance as a flagship company of the Steel Authority of India (S.A.I.L) and its premier status as **Maharatna**. **Mr. Ajay Tallo**, *Senior Manager, HRD Safety Engineering Department*, provided the details about the safety measures that are implemented at the plant. **Mr. Prashant Jain**, *Assistant General Manager, Ore Handling Plant* introduced the plant, highlighting the BSP's establishment. **Mr. Prashant** showcased the Coke Oven and Coal Chemical Department. **Mr. Hemant** led the tour of Blast Furnace 8 and **Mr. Akshay** provided insights into the Universal Rail Mill; **Mr. Nikung Singhal** offered a glimpse of Steel Melting Shop 3. At the end of the visit, a feedback session was conducted to gather the delegates' impressions and suggestions from delegates. The delegates were presented with

t-shirts as part of souvenirs distribution. **Mr. Anirban Das Gupta**, *Director & Head, BSP* was acknowledged for the visit. The second day concluded by visiting the Ambuja City Centre Mall.



The centrepiece of day three's schedule was a tour of **Sirpur**, a historical village and landmark in the **Mahasamund district**. A tourist guide accompanied the group, explaining the fine historical details and features of the place. The delegates visited **Laxman temple**, **Buddha Vihar**, and **Surang Tila** on the day. Day three concluded with a cultural night at the institute. **Dr. N. V. Ramana Rao**, *Director, NIT Raipur*, **Dr. P. Y. Dhekne**, **Dr. S. Sanyal**, **Dr. N. Jain**, **Dr. G. Bhatt**, faculty members, and students were present at the event. **Mrs. Gopa Sanyal**, *News Anchor, Doordarshan Chhattisgarhi* opened the event with **Chhattisgarh Mehtari Vandana**. She also presented her original Chhattisgarhi **Hana Geet**. Students from Nagaland gave glimpses of their state and its rich old culture including their tribes, cuisines, dressing, ruins, religious sites, etc., with their cultural performances. They performed the group folk song **Kelhoukevira** in Nagamese, a group folk dance, a poem, an English song, and a band performance. **Dr. G. Bhatt** credited the organizing committee for successfully conducting the event successfully. **Team Raaga- The Official Music Club, NIT Raipur**, presented some mellifluous melodies, and **Team Nrityam- The Official Dance Club, NIT Raipur** portrayed the culture of the state by presenting a graceful folk dance.



Day four witnessed some friendly matches of football, volleyball, basketball, chess, table tennis, and badminton being played between the students of NIT Raipur and NIT Nagaland in the presence of **Dr. H. Narang**, *Professor In-Charge*,

Department of Sports (DoS), Ms. Sandhya, DoS, and the coordinators of Nagaland. The event concluded with a prize distribution ceremony. The day was highlighted by a visit to **Sri Sathya Sai Sanjeevani Institute of Nursing and Allied Healthcare Sciences**. **Dr. Manokamana**, *Principal, Nursing College* guided the delegates and briefed them about the functioning of the hospital including careful assessments and surgeries. The delegates met kids in the pre-operation ward as well as the post-operation wards and distributed chocolates provided by the institute, among them. Various labs at the hospital were also visited. **Dr. S. N. Raw**, *Associate Professor, DoM*, **Dr. Tirath Prasad Sahu**, *Assistant Professor, IT*, **Dr. Meena Murmu**, and **Mr. K. Moatemsu Aier**, **Ms. Kevisino Khate**, *Coordinators, NIT Nagaland* were welcomed with bouquets in the auditorium where introduction about the Yuva Sangam was given to patients and other attendants. Videos describing the functioning of the hospital, the childcare centre, and the holy Ganges were played before the attendees. Children who had been treated were given the certificate of LiFe (Gift of Life Ceremony). **Dr. Ragini Pandey** addressed the attendees, enlightening them about the lifestyle of different tribes of India. **Dr. C. Sreenivas**, *Chairman, Sri Sathya Sai Sanjeevani Institute of Nursing and Allied Healthcare Sciences* addressed the gathering and mentioned that we should think out of the box and see how we can do things to improve our nation. **Mr. Moa** also delivered a speech followed by a song by the students of Nagaland. A visit to **Shahid Veer Narayan Singh International Stadium** was also organized. This was followed by a visit to the historic **Mahant Ghasidas Memorial Museum**. **Mr. Prabhat Kumar Singh**, *Archaeologist in-charge of the museum*, was the guide.



Day five was incepted with a group yoga in the early morning. **Dr. Manju Shukla**, *Faculty, DHSS* gave a presentation on the significance of yoga and why it should be a part of our everyday routine. **Mr. Suraj Nishad**, *Teaching Assistant, DHSS* taught some commonly practiced yoga asanas. Later on, a campus visit of NIT Raipur was organized for the delegates. The delegates were taken to **Gadh Kaleva** to enjoy the Chhattisgarhi cuisine and savour the taste of local comestibles. The day's focal point was the visit to the **Governor's house** organized by the institute. **Dr. R. K. Soni**, *AICTE Advisor* greeted the dignitaries talking about the Ek Bharat Shreshtha Bharat's Yuva Sangam program and Hon'ble P. M. Modi's *Mann ki Baat*. He expressed his gratitude to the Hon'ble Governor on behalf of the AICTE and to the participants and faculty members for their enthusiasm throughout the program. **Shri Biswabhusan Harichandan**, *Hon'ble Governor, Chhattisgarh*, welcomed the students and

explained how the greatness of India lay in its unity in diversity. He emphasized how the Yuva Sangam program helped rule out regional cultural indifferences and unify the nation. One of the delegates also shared his experience of the Yuva Sangam program and how it served as a platform to create everlasting memories and gain knowledge and invaluable life lessons. A closing ceremony was organized at NIT Raipur to mark the end of the accomplishment of the program. **Dr. N. V. Ramana Rao** was the Chief Guest and **Dr. R. K. Soni** was the Special Guest for the event. **Mr. Kapil Chandiok**, *Vice President, Hira Group*, **Dr. P. Y. Dhekne**, **Dr. N. Jain**, **Dr. Debashis Sanyal**, *Dean (Faculty Welfare)*, **Dr. G. Bhatt**, **Dr. S. Sanyal**, were present as Distinguished Guests along with faculty members and students. The ceremony began with the distribution of certificates and photo frames to the delegates. This was followed by the coordinators of NIT Nagaland expressing their gratitude towards all the dignitaries present and to NIT Raipur for its kind treatment and warm hospitality throughout the trip. **Dr. R. K. Soni** appreciated the activeness of the students and thanked the institute. **Dr. N. V. Ramana Rao** esteemed the hard work of the coordinators and faculty members of the institute to make this program fruitful. **Dr. S. Sanyal** delivered the vote of thanks by recognizing Hon'ble P. M. Narendra Modi for launching the program and accredited the Hon'ble Governor, IRCTC officers, Ministries of Education, Home Affairs and Development of the North-Eastern Region, and the AICTE.



A felicitation ceremony was organized to honour the NIT Raipur delegates on 22nd Jun. 2023. The event was graced by esteemed dignitaries, including the *Chief Guest*, **Dr. R. K. Tripathi**, **Dr. P. Y. Dhekne** as Special Guest, and **Dr. N. Jain** as Guest of Honor. During the event, the coordinators of the visit were **Dr. D.C. Jhariya**, *Associate Professor, DAG*, **Dr. Mridu Sahu**, *Assistant Professor, IT*, **Dr. Bikesh Singh**, *HoD, BME*, **Dr. Jaya Dwivedi**, *HoD, DHSS*, **Dr. G. Bhatt**, **Dr. M .K. Prasad**, *Associate Dean (Student Welfare)*, organizing members, faculty members, and students were present. Commencing the ceremony, the Chief Guests extended heartfelt congratulations to all the participants for their remarkable journey. The event continued with an engaging presentation given by the students, presenting their experiences through presentations, and sharing photographs they had captured during the visit. The NIT Raipur delegates were felicitated with certificates by the esteemed guests, acknowledging their exceptional efforts and achievements throughout their journey. The event concluded with a vote of thanks delivered by **Dr. D.**

C Jhariya expressing his gratitude to everyone involved in organizing the Yuva Sangam Felicitation Ceremony. The ceremony culminated with a captivating video presentation capturing the highlights of the journey. The felicitation ceremony celebrated the accomplishments of the NIT Raipur delegates and provided a glimpse into the power of travel and culture exchange.



Celebrated 50th Anniversary of the World Environment Day

NIT Raipur hosted a series of events from 31st May to 5th Jun. 2023, in accordance with **Mission LiFE** initiated by the Hon'ble Prime Minister and the **Institute of Environment Conservation Advocacy (IECA)**, culminating the celebration of the 50th anniversary of the World Environment Day. The events were organized under the guidance of the overall coordinators **Dr. D. C. Jhariya**, Associate Professor, DAG, and **Dr. Mridu Sahu**, Assistant Professor, IT. Day one began with a poster competition on **Avoid Food wastage in Hostels and Cafeterias-Promote serving of small-portion** on 31st May 2023. **Dr. Anoop Tiwari**, Associate Professor, DHSS was the Chairperson for the event while **Dr. Sharada Nandan Raw**, Associate Professor, DoM, and **Dr. Shashi Kanta Tarai**, Assistant Professor, DHSS were the Organizing Members. The competition judges were **Shri H. Bikrol**, Associate Professor, MCA, **Dr. S. Tarai** and **Dr Sanjay Kumar**, Associate Professor, IT. The competition was inaugurated with a speech by **Dr. S. N. Raw** and was wrapped up with a vote of thanks by **Dr. A. K. Tiwari**. **Saanvi Samanta**, **Swara Tiwari** and **Abi Sarkar** bagged the 1st while **Agrima Singh**, **Anumeha Singh** and **Sevak Ram Sahu** stood 2nd in the competition.



Day two witnessed a poster-making competition on **Creating Digital Campus - A Paper-Free Environment**. The event was

coordinated by **Dr. Chandan K. Singh**, Assistant Professor, CE, **Dr. M. Marieswaran**, Assistant Professor, BME and **Dr. Mukesh R. Kumar**, Assistant Professor, MME. The judges of the event were **Dr. Chetna Sharma Rajput**, Assistant Professor, DHSS; **Dr. Deepak Singh**, Assistant Professor, CSE; **Dr. Vikas K. Vidyarthi**, Assistant Professor, CE and **Dr. Neeraj Manhas**, Assistant Professor, DoM. **Dr. Chandan Singh** briefed everyone about the rules of the competition. **Sanvi**, **Navneetha**, and **Priya** stood 1st, **Anshuman Singh**, **Mukund** and **Samyukta** stood 2nd in the competition. **Dr. M. Marieswaran** concluded the event by delivering a vote of thanks.



Day three of the event scheduled an awareness rally and a plastic industry visit coordinated under the guidance of **Dr. S. N. Raw**, **Dr. Govardhan Bhatt**, Assistant Professor, CE, **Dr. L. Bhaskar**, Assistant Professor, DoM, and **Dr. Neeraj Manhas**. The awareness rally was themed **Making College Campus Plastic Free** and was flagged off by **Dr. Samir Bajpai**, Head, CDC. The students and faculty members of NIT Raipur visited the **Central Institute of Petrochemicals Engineering & Technology (CIPET), Raipur**, which was flagged off by **Dr. A. B. Soni**, Director (I/C), NIT Raipur and **Dr. Nitin Jain**, Dean (Student Welfare). **Dr. Alok Kumar Sahu**, Director, CIPET, Raipur, welcomed the NIT Raipur team, briefing them about the industry's facilities. The composite centres were set up at institute premises under the supervision of **Dr. Mridu Sahu** and **Mr. Sayon Pramanik**, Assistant Professor, DoA. A total of 4 composite centres were set up and inaugurated by **Dr. A. B. Soni**, **Dr. Nitin Jain**, faculty members, and students with the presence of horticulture workers. The event concluded with **Mr. Surendra**, NIT Raipur, elaborating on the composite pits and their working.



Day four featured a bicycle rally and a plastic collection drive around the campus, coordinated by **Dr. Bikesh Singh**, HoD, BME, **Dr. Meena Murmu**, Assistant Professor, CE, and **Mr. Suresh Dua**, Senior Lab Assistant, MME. The event began with a display of Yoga Asanas led by **Dr. P. Y. Dhekne**, Registrar, who also flagged off the bicycle rally, commencing the plastic collection. These initiatives aligned aptly with this year's World Environment Day theme, **#BeatPlasticPollution**. **Dr. S. Bajpai**, faculty members, families, and students attended the event.



Day five observed the Flagship event, **World Environment Day 2023**. **Dr. Alok Kumar Sahu** presided over the event as the Chief Guest. **Dr. (Mrs.) A. B. Soni**, **Dr. P. Y. Dhekne**, **Dr. Nitin Jain**, were the dignitaries. **Dr. (Mrs.) Mridu Sahu** briefed about all the events conducted in consonance with the 51st World Environment Day celebrations. **Dr. Nitin Jain** encouraged everybody to plant more trees. Dignitaries congratulated the winners. **Dr. P. Y. Dhekne** appreciated the idea of a Paperless Campus. **Dr. (Mrs.) A. B. Soni** appreciated the team of coordinators and students for organizing the 5-day celebration. She highlighted the importance of the environment and to prioritize conserving it. **Dr. Alok Kumar Sahu**, the Chief Guest complimented the Plastic Ban policy in NIT Raipur campus. **Dr. (Mrs.) A. B. Soni** led the pledge ceremony at the end. She presented a memento to **Dr. Sahu** as a token of remembrance. **Dr. D. C. Jhariya** gave the vote of thanks and acknowledged everyone.



A virtual meeting with **Dr. Rajkumar Ranjan Singh**, Minister of State for Education of India was held on this occasion. **Dr. (Mrs.) A. B. Soni**, **Dr. P. Y. Dhekne**, **Dr. Nitin Jain** and a few other faculty members from the institute participated in the same. **Dr. Singh** began with a pledge to repurpose everyone to the cause of environmental protection. Hence, the five-day event concluded successfully.

Celebrated 9th International Yoga Day

NIT Raipur organised an event observing the 9th International Yoga Day on 21st Jun. 2023. The ceremony was organized by the **DHSS** in collaboration with the **Yuva Tourism Club** and the **National Service Scheme (NSS)**, and was coordinated by **Dr. Manju Shukla**, Faculty, DHSS, and **Dr. Govardhan Bhatt**, Faculty in-Charge, NSS & Yuva Tourism Club. **Dr. N. V. Ramana Rao**, Director, NIT Raipur, was the Chief guest and **Smt. Chitrarekha Sahu**, Vice Chairman, Chhattisgarh Tourism Board, was present as the Guest of Honour. **Dr. P. Y. Dhekne**, Registrar, **Dr. Shrish Verma**, Dean (Academics), **Dr. Nitin Jain**, Dean (Students' Welfare), **Dr. Anoop Kumar Tiwari**, Associate Professor, DHSS, **Dr. Gangadhar Ramtekkar**, HoD, CE, people from the tourism board and students were also in attendance.



The event started off with a yoga session led by **Mr. Suraj Nishad**, Teaching Assistant, DHSS. The second session of the event had commenced with a lamp lighting ceremony followed by handing over of saplings to the dignitaries. **Dr. A. Tiwari** extended a warm welcome to all the guests and provided insights into the significance of yoga. **Dr. M. Shukla** discussed the year's theme, *Yoga for Vasudhaiva Kutumbakam* and expressed gratitude to the Hon'ble PM Shri Narendra Modi for his vision for Yoga, and the Chhattisgarh Tourism Board for their collaboration. She also presented a video describing the DHSS, yoga activities and the achievements of students. **Dr. P. Y. Dhekne** shared his personal experience with yoga, asserting medical benefits he derived from its practice. **Mrs. Chitrarekha Sahu** congratulated everyone involved in organizing the event and stressed the importance of discipline and yoga in leading a balanced life. **Dr. Shrish Verma** highlighted the essential meaning of yoga, which is **To Unify**, and suggested to integrate all the positive aspects in one's life. A mesmerizing performance by students showcased different forms of yoga, captivating the audience. **Dr. N. V. Ramana Rao**, Director, NIT Raipur applauded the organizers and participants and highlighted this

year's theme relating to *One Earth, One Family, One Future*. He stated the effectiveness of even simple yoga asanas and meditation in one's life. He also congratulated the DHSS for winning gold for four consecutive years at the Inter-NIT Yoga competitions. A photo session was conducted with the winning team of the Inter NIT Yoga Competition organized at NIT Surathkal. The event concluded successfully with a vote of thanks delivered by **Dr. A. K. Tiwari**.

Webcasted the inauguration of National Technology Week



NIT Raipur webcasted the inauguration of **National Technology Week**, themed **School to Startups- Igniting Young Minds to Innovate**, on 11th May 2023, also marking the **25th National Technology Day**. **Dr. Jitendra Singh**, *Minister of State (Independent Charge), Science and Technology, Government of India*, presented the welcome address. He gave an in-depth overview of the progress in start-ups and innovation that the country has made under the leadership of our Hon'ble Prime Minister, **Narendra Modi**. **Shri Rajnath Singh**, *Minister of Defence, Government of India* briefed the gathering, discoursing the legacy of the National Technology Day and hoped that our country shall live up to the slogan- **Jai Jawan, Jai Kisan, Jai Vigyan, Jai Anusandhan**. Two short films depicting the change in landscape of the country via technological advancements were shown.

Hon'ble Prime Minister Modi expatiated the theme of the event and expounded upon some famous national technological institutes of India and their importance. He stated how ATAL tinkering labs and ATAL innovation centres are acting as the 'nurseries for innovation', and discoursed deeply on the vast technological growth that the country has witnessed over the years. **Dr. Nitin Jain**, *Dean (Student Welfare)*, **Dr. Sudhakar Pandey**, *Associate Professor, IT*, **Dr. Lalit Kumar Sahu**, *Assistant Professor, EE*, **Dr. S. P. Mahapatra**, *HoD, DoC*, **Dr. M. K. Prasad**, *Associate Professor, DoM*, and several other faculty members and students actively attended the webcast with awareness successfully raised among the attendees.

Infrastructural Developments

NIT Raipur is actively undergoing various infrastructural improvements and developments. The approval of Detailed

Project Report for the construction of a new campus at **Rakhi Bharenga village** is awaited from the Ministry. The construction of a sports complex near the Sports Department has been completed up to the plinth level. A hall in the renovated Shed opposite to the **APJ Abdul Kalam Hall** has been allotted to the **Institution of Engineers (India), Chhattisgarh State Centre**. In the 70th meeting held on 13th Mar. 2023, the **Institute Building and Works Committee (IBWC)**, NIT Raipur has recommended the external colour-washing and paver block laying work in the **Department of Architecture (DoA)** Building, civil and electrical work in the renovated shed opposite to the **APJ Abdul Kalam Hall** for development of Lab for the **Department of Chemical Engineering (DCE)**, construction of a Steel Ramp from first floor to second floor at Sirpur Hostel - H for the **Foundation for Innovation & Entrepreneurship Incubation Centre, NIT Raipur**, repair and replacement of Internet Network and Support Infrastructure components in both boys' hostels and girls' hostels, laying of additional main feeding cable for faculty residential areas and girls' hostels, and fresh LAN System in the **Kalpna Chawla Auditorium, DoA**.

In the 33rd meeting held on 17th Mar. 2023, the **Building & Works Committee, NIT Raipur** recommended the construction of additional toilet in F-type Quarters of the Institute, construction of G+6 Structure in place of the existing Unit Operation Lab of the Institute, and interior colour washing of all the rooms including corridors of Hostel Sirpur.

MoU

NIT Raipur and CIPET Raipur



NIT Raipur and **C.I.P.E.T. (Central Institute of Petrochemicals Engineering & Technology), Raipur** have signed a Memorandum of Understanding (MoU) on 2nd Jun. 2023 by **Dr. A. B. Soni, Director (I/C), NIT Raipur** and **Dr. Alok Sahu, Director & Head, CIPET:IPT, Raipur** in the presence of **Dr. P. Y. Dhekne, Registrar, Dr. P. Diwan, Dean (Research & Development), and Dr. A. K. Poonia, HoD, DCE** along with MoU coordinators and faculty members. The primary objective of this MoU is to establish cooperation and collaboration between N.I.T., Raipur and C.I.P.E.T: I.P.T., Raipur with the aim of optimizing their resources and enhanced opportunities for stakeholders of both institutions. Under the terms of the MoU, the two institutions have agreed to share their important R&D facilities through a Non-Disclosure Agreement (NDA) ensuring the protection of generated intellectual property. The institutions will explore opportunities for joint research projects and seek external funding for them; actively engaging in delivering training to bridge the gap and make the students industry-ready along with assistance for internships and placements. Joint academic activities such as short-term courses, training programs, seminars, etc. will be provided to the students. The agreement is valid initially for 3 years and may be extended by the mutual consent of both the parties.

College and School Students Visit under Scientific Social Responsibility Policy



NIT Raipur organized a one-day Institute Visit of college and school students under the **Scientific Social Responsibility Policy** funded by the **Science and Engineering Research Board, Department of Science and Technology, Government of India** on 17th Mar. 2023. The key objective of this program was to discuss some critical concepts and fundamental understanding of the state-of-the-art research work. The research project was funded by **Dr. D. C. Jhariya, Associate Professor, DAG** by **SERB-DST**. The whole program was coordinated by **Mr. Mayank Shrivastava, Junior Research Fellow, Ms. Priyanka Arya, Ph.D. Scholar, Ms. Jalina Subhdarsini, Ph.D. Scholar, and Mr. Laxman Kumar, M.Tech, 6th sem, DAG** under the guidance of **Dr. D. C. Jhariya**

and **Dr. Neeraj Vishwakarma, HoD, DAG**. Students from various colleges and schools of Raipur, Durg and Rajnandgaon had attended the Program. The participants were exposed to various advanced tools and techniques being adopted to carry out hydrological and geological studies at **NIT Raipur**.

Organized an Anti-Drug Rally

Department of Sports and National Cadet Corps organized an **Anti-Drug Rally**, commemorating the celebration of the **35th International Day Against Drugs Abuse and Illicit Trafficking** on 26th Jun. 2023, to raise consciousness among the citizens. The rally was organized under the supervision of **Dr. H. K. Narang, Faculty In-charge, DoS, and Dr. Neeraj Manhas, Faculty In-charge, NCC**.



The rally witnessed illuminating slogans such as *Hum sabka ek hi nara, nasha mukt ho desh hamara* and *jisne nashe ko hath lagaya, maut ne usko gale lagaya* which effectively contributed to spreading awareness among the people. The rally covered the entire campus area and the event ended with the participants taking a pledge to stay away from intoxicating drugs and to make the country drug-free. **Dr. M. K. Prasad, Associate Dean (Student Welfare), Dr. D. C. Jhariya, Associate Professor, DAG, Dr. S. N. Raw, Associate Professor, DoM,** faculty members, staff, security guards and students also graced the event with their invaluable presence. The event concluded fruitfully with the people gaining cognizance concerning the usage of intoxicating drugs.

Research Facility Training Program



NIT Raipur organized a one-day Research Facility Training Program under **SERB-DST** project titled **Hydrothermal Synthesis of Redox Nanomaterials and their Characterization** on 16th Mar. 2023. The key objective of this

program was to discuss some critical concepts and fundamental understanding of the state-of-the-art research work. This program was organized by **Dr. Chinmaya Mahapatra**, *Principal Investigator (SERB-SRG Project), Assistant Professor, DBT*. **Dr. (Mrs.) A. B. Soni**, *Director(I/C), NIT Raipur* was the Chief Patron, **Dr. P. Diwan**, *Dean(R&C)* was the Patron, and **Dr. Lata Upadhyay**, *HoD, DBT*, was the Chairperson for this program. The program started with an inaugural ceremony followed by 5 training sessions on the topics of **Electrical and Optical Properties of Nanomaterial** by **Dr. Ayush Khare**, *Associate Professor, DoP*, **Magnetic Nanoparticles and their Fabrication** by **Dr. Kavita Tapadia**, *Associate Professor, DoC*, **Nanoparticle Based Biosensors** by **Dr. Lata Upadhyay**, *Assistant Professor, DBT*, **Hands-On Training of Nanoparticle Characterization** by **Dr. Sharda Bharti**, *Assistant Professor, DBT*, and **Hands-On Training of Hydrothermal Synthesis of Redox Nanoparticles** by **Dr. Chinmaya Mahapatra**.

Organized the Mock Internship Drive



Association of Computer Engineers (ACE), **NIT Raipur** organized a **Mock Internship Drive** for CSE Department students on 8th Apr. 2023 under the supervision of **Dr. Dilip Singh Sisodia**, *HoD, CSE*. The event started off with a speaker

session by **Aleem Ahmad** and **Adya Jha**, *Pre-final Year Students, CSE*, followed by a coding round, Q&A session consecutively. ACE successfully constructed the perfect replica of a real-time Internship Drive. With continuous invigilance, several measures were also taken to avoid plagiarism. The interview panel of 4th year students interviewed 30 students (15 online and 15 offline) out of 60 students. Every interviewee got a personalized performance review report. **K. Yashwanathan Sai Vamsi**, **K. Sai Prem** and **K. Venkat Naga Sai** bagged the 1st, 2nd, and 3rd positions respectively in the Internship Drive. ACE concluded a successful Mock Internship Drive by collecting feedback forms from the students which were full of positive reviews.

Organized summer aprons and face cloth distribution drive



Aashirwad - The Women's Club, NIT Raipur organized a **Summer Apron and face cloth distribution drive** under **Women's Day Series**. The initiative aimed to distribute these essential items to women horticulture staff, cleaning staff, hostel workers, and matrons of the girl's hostel. The event was organized under the guidance of **Dr. Mridu Sahu**, *Assistant Professor, IT*. **Mrs. Mumtaz Rawani**, **Mrs. Jayshree Dhekne**, **Mrs. Jaya Shrivastav**, **Dr. Swasti Sthapak**, **Dr. Nisha Netam**, **Mrs. Sunanda Das Gupta**, and **Mrs. Sukali Jharia** were present as members of the NIT Raipur family.

Dr. Mridu Sahu gave a brief about the club's activities from the past year. Then, **Mrs. Mumtaz Rawani** talked about the future plans of the club. The drive underlined the club's efforts to empower women and recognize their efforts in various fields. The program aimed to cherish the women who work tirelessly to maintain the cleanliness and upkeep of the institute.

Academic Activities

STTP/Conference/Workshop Conducted

Expert talk on Machine Learning and its applications

Department of Information Technology (IT), NIT Raipur organized a session on **Trends and applications of Machine**

Learning on 20th Mar. 2023. The speakers of the session were **Dr. Neelam Sinha**, *Associate Professor, IIIT Bangalore* and **Dr. G. R. Sinha**, *Adjunct Professor, IIIT Bangalore*. The event was coordinated by **Dr. Rakesh Tripathi**, *HoD, IT* and **Dr. Mridu Sahu**, *Assistant Professor, IT*. **Dr. Neelam Sinha** spoke about how machine learning can be used in Magnetic Resonance Imaging to identify and analyse various medical conditions

which would help in early diagnosis of disorders like Parkinson's disease and other illnesses. **Dr. G. R. Sinha** delivered a lecture on AI intervention in the study of Mindful practices. The talk focused on how artificial intelligence can help better study and monitor the effects of Indian practices like Yoga and meditation. **Dr. Mridu Sahu** delivered the vote of thanks. The event concluded with an interaction with the faculty members of the department.



Training on ArcGIS Pro: Essential Workflows

Department of Civil Engineering in association with ESRI India provided training on **ArcGIS Pro: Essential Workflows** between 15th to 17th Mar. 2023 in online mode. The training was arranged at **Advance Computation Lab, WRE Section**, in hybrid mode.

Student Conference on Accelerating Change for Water Resources Development



Indian Water Resource Society (IWRS) Student Chapter, Civil Engineering, NIT Raipur organized a student conference on **Accelerating Change for Water Resources Development** on 22nd Mar. 2023 on the occasion of World Water day. The guest of Honor was **Dr. Samir Bajpai, CDC Head**. The organizing committee included **Dr. Sandeep Soni, Secretary**, **Dr. Amit Kumar Shukla, Joint Secretary**, **Mr. Siddhant Panigrahi, Treasurer** and **Dr. Ishtiyah Ahmad, Faculty Coordinator**. The conference commenced by welcoming the guests. **Dr. Amit Shukla** gave a brief

introduction about IWRS Student Chapter. He stated about the various events like training programs, expert lectures, e-quizzes, etc. organized by the IWRS Student Chapter. Later, **Dr. Sandeep Soni** mentioned that this student conference is meant to provide a platform for students to share their work in the field that observes sustainable water resources management. **Dr. Ishtiyah Ahmad** talked about the importance of innovative and sustainable ways to manage water for the growth of society in the coming age.

Further, **Dr. Sameer Bajpai** threw light on the present water management system and natural water resources and talked about the theme of water and sanitation. He encouraged students to learn to solve problems and use new technologies like ChatGPT to learn new concepts that will help them solve mundane problems around them. A participation of 40 students was observed in the student conference.

Certificate Course on "Applied Data Analytics: A Practical Approach"



Continuing Education Cell (CEC), NIT Raipur in collaboration with the **Department of Information Technology (IT), NIT Raipur** offered a Certificate Course on **Applied Data Analytics: A Practical Approach** from 22nd May to 21st Jun. 2023 in online mode. **Dr. Mridu Sahu, Assistant Professor, IT** and **Dr. Govind Gupta, Assistant Professor, IT** were the course coordinators. The course was conducted under the supervision of **Dr. Subhojit Ghosh, Chairman, CEC**. The Chief Guest for the inaugural ceremony was **Dr. (Mrs.) A. B. Soni, Director (I/C), NIT Raipur**. The Organizing committee members of the course were **Dr. S. Ghosh, Chairman, CEC**, **Dr. Rakesh Tripathi, HoD, IT**, **Dr. Govind P. Gupta, Assistant Professor, IT**, and **Dr. Mridu Sahu, Assistant Professor, IT**. Eminent speakers featured in the course were **Dr. Rakesh Tripathi, Dr. Neelam Sinha, Dr. Mukesh Raghuvanshi, Director & Professor, SIT, Nagpur**, **Dr. Rajeev Choudhary, Professor, Pt. RSU**, **Dr. Mridu Sahu, Dr. Govind P. Gupta, Dr. D. C. Jhariya, Associate Professor, DAG**, **Dr. Deepak Singh, Assistant Professor, CSE**, **Dr. C. Jatoth, Assistant Professor, IT**, **Prof. Monali Gulhane, Assistant Professor, SIT, Nagpur**, **Dr. Vikas Vidhyarthi,**

Assistant Professor, CE, **Dr. Sagar Badhiye**, Assistant Professor, SIT, Nagpur, **Dr. Padmavati Shrivastava**, Associate Professor, BIT Raipur, and **Dr. Samruddhi Mohdiwale**, Assistant Professor, SOA, Bhubhaneshwar.

The main objective of the course was to help the participants in developing a solid understanding of the Data Science and Analytics techniques. The thirty-days online course was categorised broadly into five main modules which covered topics such as **Introduction to Data Science and Analytics, Introduction to Python Programming & the Science of Statistics, Feature Engineering, Supervised and Unsupervised Learning and Data Visualization**, etc. The course was open for students of various institutions, faculty members, and industry personnel across the country. The course witnessed a participation of over 172 participants including 74 students from NIT Raipur, 84 students from other institutes, as well as faculty and industry workers.

Inauguration of two-week hands-on training program in association with the Indian Geotechnical Society Raipur

Department of Civil Engineering (CE), NIT Raipur in association with the **Indian Geotechnical Society (IGS), Raipur Chapter** inaugurated a two-week long hands-on training program titled **Testing of Geo-materials for Geo-technical and Transportation Engineering Applications** on 26th Jun. 2023. The aim of the training program is to provide hands-on training about conventional and state-of-art laboratory and field tests involved in various areas like Geotechnical Engineering and Highway Engineering. **Shri K. K. Katare**, Chief Engineer, RCTRC, Naya Raipur & Alumnus, (Civil/1990) was the Chief Guest of the ceremony. **Dr. N. V. Ramana Rao**, Director, NIT Raipur presided over the ceremony as Chief Patron. **Dr. Prabhat Diwan**, Dean (R&C) was the Patron of the event. The session is being organized under the supervision of **Dr. G. D. Ramtekkar**, HoD, CE, who is also the Co-Patron of the event. **Dr. Samir Bajpai**, Head, CDC & Chairman, IGS Raipur Chapter is also the Co-Patron of the event. **Dr. L. Yadu**, Associate Professor, CE & Hon'ble Secretary, IGS Raipur

Chapter, and **Dr. Sunny Deol G.**, Assistant Professor, CE are the coordinators of the program. **Dr. Sandeep K. Chouksey**, Assistant Professor, CE is the co-coordinator of the program.

The inauguration of the session was done by a lamp-lighting ceremony. **Dr. L. Yadu** gave a brief introduction to the session and emphasized its objectives. **Dr. G. D. Ramtekkar** enlightened the subject of the training program, giving best wishes to the participants. **Dr. L. Yadu** explained the structure and workings of the IGS. **Dr. N. V. Ramana Rao** congratulated the department and the organizing committee for the onset of the training program. He stressed the vitality of the role played by a civil engineer in the making of society. The Chief Guest was introduced by **Dr. Shirish V. Deo**, Associate Professor, CE. **Shri K. K. Katare** discussed how this program is not just for learning but would also provide invaluable exposure to jobs in the real world. He then shared his experience concerning the field jobs and the need for having strong basic practical knowledge related to the field in order to be successful. **Dr. Sunny Deol** successfully concluded the inaugural with a vote of thanks. The two-week hands-on training session is set to conclude on 7th July 2023.



Expert Lectures Delivered by Faculty/Staff

- **Dr. Ayush Khare**, Associate Professor, DoP, delivered an expert lecture on **Optical and Electrical Properties of Nanomaterials** in **One day Research Facility Training Programme** under **DST-SERB Project** at NIT Raipur on 16th Mar. 2023.
- **Dr. Ayush Khare**, Associate Professor, DoP, delivered an expert lecture on **Advancement in Perovskite Photovoltaics** in **2nd National Conference on Signal Processing, Sustainable Energy and Astronomy & Astrophysics (NSSEMA-2023)** at School of Studies in Physics and Astrophysics, Pt. Ravi Shankar University, Raipur from 16th Mar. to 18th Mar. 2023.
- **Dr. N. K. Nagwani**, Associate Professor, CSE delivered an expert lecture titled **Applications of AI in Various Domain** in the **International Conference on Academic Integration and Sustainable Development- “An Interdisciplinary Manifesto” (IUR-AISD 2023)** organized by ICAFI University Raipur on 31st May 2023.
- **Dr. Monalisa Biswal**, Assistant Professor, EE delivered an expert lecture titled **Protection Issues and Challenges for Seamless Operation of Microgrid** at the **5th International Conference on Energy, Power & Environment (ICEPE-2023)** at NIT Meghalaya on 15th Jun. 2023.

Research Frontier

Awards, Recognition, and Fellowship

- **Dr. Chinmaya Mahapatra**, Assistant Professor, DBT has been awarded the **Har Govind Khorana Memorial Award** at the **BioHeal-2023 International Conference** on 13th Apr. 2023 .
- **Dr. Monalisa Biswal**, Assistant Professor, EE was the **Technical Chair and Technical Program Chair (TPC)** at the **4th Electric Power & Renewable Energy Conference (EPREC-2023)** on 25th May 2023 held at NIT Jamshedpur.

Patents

- **Arepalli Peda Gopi**, Ph.D. Scholar, and **K. Jairam Naik**, Assistant Professor, CSE have filed a patent titled **Fish Pond Water Quality Monitoring Device** on 13th Dec. 2022. The patent has been published by the Patent Office, Controller General of Patents, Design and Trademarks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India.

PhD Thesis Defended

- **Ms. Roshni Meghnani** defended her Ph.D. thesis entitled *Development of Ceramic Membranes for Hemo-Filtration Application* on 17th Feb. 2023 under the supervision of **Dr. D. Vasanth**, Assistant Professor, DBT.
- **Mr. Tirupathi Rao Althi** defended his Ph.D. thesis entitled *Protection of Six-Phase Transmission Line using Data-Driven Modeling and Computational Intelligence Techniques* on 28th Feb. 2023 under the supervision of **Dr. (Smt.) Ebha Koley**, Associate Professor, EE and **Dr. Subhojit Ghosh**, Associate Professor, EE.
- **Mr. Kumar Raja Andanapalli** defended his Ph.D. thesis entitled *Supervisory First Zone Distance Protection Scheme during Power Swing* on 1st Mar. 2023 under the supervision of **Dr. (Smt.) Monalisa Biswal**, Assistant Professor, EE.
- **Ms. Asha Chauhan** defended her Ph.D. thesis entitled *Synthesis and Study of CsMX₃ based Perovskites Decorated with Various Nanoparticles for Solar Cell Applications: Experimental and Theoretical Study* on 6th Mar. 2023 under the supervision of **Dr. A. K. Shrivastava**, Professor, DoP and **Dr. Anjali Oudhia**, HoD, DoP, GSC Raipur.
- **Mr. Ravindra Sharma** defended his Ph.D. thesis entitled *To Study and Modify Streeter Phelps Equation Under Changed Seasonal Condition of Chhattisgarh Particularly for Seonath River in the Vicinity of Durg-Bhilai* on 7th Mar. 2023 under the supervision of **Dr. M.K. Verma**, Professor, CE, and **Dr. (Ms.) Meena Murmu**, Assistant Professor, CE.
- **Mr. Ritesh Krishna Sambare** defended his Ph.D. thesis entitled *Design and Development of Tubular Solar Still Integrated to Parabolic Collector with Heat Exchanger* on 10th Mar. 2023 under the supervision of **Dr. Satish Dewangan**, Associate Professor, ME, and **Dr. Pankaj Kumar Gupta**, Associate Professor, ME, GGU Bilaspur.
- **Ms. Amrita Datta** defended her Ph.D. thesis entitled *Design and Analysis of Underwater Wireless Sensor Network Techniques* on 13th Mar. 2023 under the supervision of **Dr. Mou Dasgupta**, Associate Professor, MCA.
- **Ms. Anita Khanna** defended her Ph.D. thesis entitled *Computer based Detection of Lung and its Tubular Structures in CT Images* on 30th Mar. 2023 under the supervision of **Dr. (Smt.) Shubhrata Gupta**, Professor, EE and **Dr. Narendra D. Londhe**, Associate Professor, EE.
- **Ms. Sweta Naik** defended her Ph.D. thesis entitled *Microbial Fuel Cell-Based Biosensors for Monitoring Various Components in Wastewater* on 17th Apr. 2023 under the supervision of **Dr. (Mrs.) Satya Eswari**, Assistant Professor, DBT.
- **Mr. Pushendra Kumar** defended his Ph.D. thesis entitled *Synthesis and Characterization of Graphene Oxide Reinforced Fluoroelastomer Nanocomposites* on 18th Apr. 2023 under the supervision of **Dr. S. P. Mahapatra**, Associate Professor, DoC and **Dr. Santhosh Penta**, Assistant Professor, DoC.
- **Mr. Vijay Kumar** defended his Ph.D. thesis entitled *Bioremediation of Dye Bearing Wastewater* on 18th Apr. 2023 under the supervision of **Dr. P. K. Choudhary**, Associate Professor, DCE and **Dr. Chandrakant Thakur**, Assistant Professor, DCE.
- **Mr. Kamal Shanker Patel** defended his Ph.D. thesis entitled *Static and Failure Analysis of Fiber Reinforced Composite Laminates using Mixed Finite Element Method* on 26th Apr. 2023 under the supervision of **Dr. G.D. Ramtekkar**, Professor, CE.
- **Ms. Moulshree Dubey** defended her Ph.D. thesis entitled *Parametric Study on Performance of Concrete using Partial Replacement of Cement by Metakaolin* on 27th Apr. 2023 under the supervision of **Dr. G. D. Ramtekkar**, Professor, CE and **Dr. S. V. Deo**, Associate Professor, CE.
- **Mr. Mohammad Imroze Khan** defended his Ph.D. thesis entitled *Development of a Low-Cost Wearable Sensors-Based System for Automatic Detection and Effective Monitoring of Food-Intake* on 1st May 2023 under the supervision of **Dr. B. Acharya**, Associate Professor, ECE and **Dr. R. K. Chaurasiya**, Assistant Professor, ECE, MANIT Bhopal.
- **Mr. Vaibhav Sonkar** defended his Ph.D. thesis entitled *Fracture Analysis of Cracked FGM Plates, Pipes and Pipe Bends using XFEM* on 1st May 2023 under the supervision of **Dr. Somnath Bhattacharya**, Associate Professor, ME, and **Dr. Kamal Sharma**, Scientist (H), BARC, Mumbai.
- **Ms. Shefali Yateen Jain** defended her Ph.D. thesis entitled *An Exploration of Gender Inequality in Select Novels of Buchi Emecheta and Meena Kandasamy* on 3rd May 2023 under the supervision of **Dr. Y. Vijaya Babu**, Assistant Professor, DHSS.

- **Ms. Moumita Mukherjee** defended her Ph.D. thesis entitled *Design and Development of Kinship Verification Algorithms using Facial Images in Wild* on 8th May 2023 under the supervision of **Dr. Toshanlal Meenpal**, Associate Professor, ECE.
- **Mr. Saurabh Jain** defended his Ph.D. thesis entitled *Analysis and Implementation of Security Mechanisms for Cloud-based Robots* on 8th May 2023 under the supervision of **Dr. Rajesh Doriya**, Assistant Professor, IT.
- **Mr. Amit Kumar Tiwari** defended his Ph.D. thesis entitled *An Energy Efficient Framework for 5G Heterogeneous Networks* on 14th May 2023 under the supervision of **Dr. Pavan Kumar Mishra**, Assistant Professor, IT and **Dr. Sudhakar Pandey**, Associate Professor, IT.

- **Mr. Gaurav Mishra** defended his Ph.D. thesis entitled *Identification and Mapping of Hydrothermally altered/weathered Minerals in Jahazpur, Rajasthan, India using Imaging Spectroscopy and Geochemical Techniques* on 19th May 2023 under the supervision of **Dr. Himanshu Govil**, Assistant Professor, DAG, and **Dr. Arindam Guha**, Scientist, National Remote Sensing Centre, NRSC (ISRO).
- **Ms. Supriya Gupta** defended her Ph.D. thesis entitled *A Framework for Analyzing Biomedical Datasets using Text Mining Approaches* on 19th May 2023 under the supervision of **Dr. (Mrs.) Aakanksha Sharaff**, Assistant Professor, CSE and **Dr. Naresh Kumar Nagwani**, Associate Professor, CSE.

Students' Corner

- **Vikas Kumar**, 6th sem, DoA, **Vishal Pandit**, 6th sem, DoA, **Kankshi**, 1st sem, DoA, **Simran**, 6th sem, DoA, and **Chirag**, 6th sem, DoA took part in the **CREDA Wall Painting Competition** on 20th Apr. 2023 and secured the 2nd position. They were each awarded a prize money of ₹5000/. The theme of the competition was energy saving with optimum use of air conditioners.
- **NIT Raipur's Girija**, 2nd Sem, B.Arch won the 1st prize in **Frame Fest (Photography Competition)**. **Akshada** and **Kankshi**, 2nd Sem, B. Arch won the 1st prize in **Color Color (On spot single color**

creation in the **Annual NASA Convention 2023** organized by the **National Association of Students of Architecture** from 9th to 12th Jun. 2023. A total of 32 students of Nit Raipur from the Department of Architecture participated in the event and bagged **Special Mention for Art Installation**.

- **Kareena Bhaskar**, 7th sem, DME; **Peeyush Naidu**, 7th sem, MME; **Shriyansh Gaur**, 7th sem, CSE; **Smita Prajapati**, 7th sem, ECE; and **Vobbiliseti Venkatesh**, 7th sem, MME have been selected as the **Economic Times Campus Stars 2023**, India's largest hunt for the brightest engineering minds. **Peeyush Naidu** got a chance to interact

with **Mr. Ashwin Damera**, CEO, *Eruditus & Emeritus*. **Smita Prajapati** interacted with **Mr. Santhosh Kumar**, Managing Director, *Texas Instruments*. **Shriyansh Gaur** had an interaction with **Dale Vaz**, CTO, *Swiggy*. The jury then selected them for India's most coveted list of bright engineering students, ET Campus Stars.

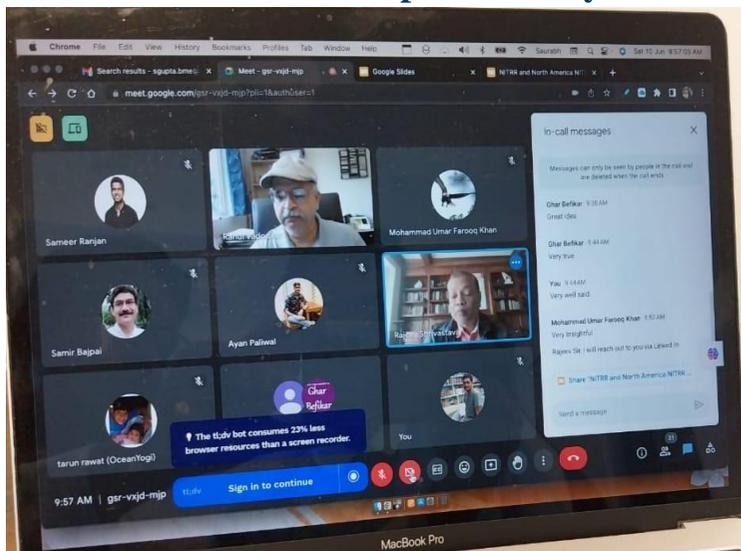
- **Shyamantika Sarkar**, Ph.D. Scholar, DoA has been awarded the **Young Scientist Award** in the field of Civil & Architecture for her research paper titled *Critical Assessment of Affordable Housing Scenario in Raipur, Chhattisgarh* presented at **Pt. Ravishankar Shukla University** from 3rd to 4th May 2023.

Placements

- **Namandeep Singh Arora**, 8th Sem, IT, **Yerramsetti Jaaswanth**, 8th Sem, IT, **Sanjana Tiwari**, 8th Sem, CSE, **Chelluboina Hema**, 8th Sem, CSE, **Palak Agarwal**, 8th Sem, EE, and **Mahesh Dewangan**, 8th Sem, ECE bagged full-time roles in **NatWest**.
- **Siddharth Mishra**, 8th Sem, CSE and **Prashant Ranjan**, 8th Sem, IT bagged Pre-Placement Offer (P.P.O) from **Arcesium**.
- **Aaditya Prakash Pandewa**, 8th Sem, IT, **Harsh Kumar Chaudhary**, 8th Sem, IT, **Ajinkya Deshpandey**, 8th Sem, ECE, **Rudroju Karthi**, 8th Sem, CSE, **Kunal Dhurwey**, 8th Sem, CSE, **Jonnadula Venkata Sai Tanish**, 8th Sem, CSE, **Katta Greeshma Reddy**, 8th Sem, CSE, **Pandiripalli Venkata Ravi Teja**, 8th Sem, IT, and **Nikita Shokeen**, 6th Sem, MCA bagged On-Campus placement offers from **Deutsche Bank Operations International**.
- **Siddharth Mishra**, 8th Sem, CSE, received a P.P.O from **Arcesium** of 52 LPA CTC for the Software Development Engineer (S.D.E) role.
- **Palak Agarwal**, 8th Sem, EE, bagged a placement offer of 13 LPA CTC along with a performance bonus, gratuity, and benefits at **NatWest** for the role of Software Engineer.
- **Shreya Tiwari**, 8th Sem, CSE, from Jabalpur, Madhya Pradesh, received a P.P.O from **DBOI** of 19.6 LPA CTC for the role of Technical Analyst.

Club/Committee Activities

Sessions to boost Start-Up Culture by E-Cell



NIT Raipur organized a session in virtual mode with its North American Alumni, from the fields of Biomedical Engineering, Information Technology and Machine Learning, discoursing upon the various ways to boost start-up culture on 10th Jun. 2023. The meeting was organized by **Mr. Rahul Vadodkar** (*Mech/1985*) and **Dr. Saurabh Gupta**, *Assistant Professor, BME*; and moderated by **Mr. Archit Ojha**, *Alumnus, (BME/2016)*. **Dr. Samir Bajpai**, *Head, CDC* presided over the meeting and shared the vision of the incubation center. **Dr. Saurabh Gupta** talked about the startup ecosystem of NIT Raipur, innovation cell, incubation center, allocation of seed grant and advanced grant, the working of Makerspace, entrepreneurship course, etc. **Ashish Sharma** (*Biomed/2021*) enlightened about his NIT Raipur home grown & incubated startup, **Calidad**, which focuses on addressing the primary health care needs of society. **Sameer Ranjan** (*Min/2017*) introduced a five-phase scheme for innovation and entrepreneurship such as: creating lanes for proper guidance; family fund creation; moderation and table culture and creating entrepreneurs. **Mr. Tarun Rawat** (*EE/1988*) underlined the need for collaborative work between teachers and alumni for the development of the startup ecosystem at the college. **Mr. Rajeev Shrivastava** (*MCA/1995*) extended the legal and intellectual property rights support to budding entrepreneurs. Together all the alumni in the US offered to come forward to support this initiative of NIT Raipur with their mentorship and investment concluding the session effectively.

A talk session titled **The Funding Story** by **Entrepreneurship Cell (E-Cell)** addressing similar concerns was scheduled on 3rd Jun. 2023 in collaboration with the **Institutional Innovation Council** under the supervision of **Dr. Chandrakant Thakur**, *Professor In-charge, E-Cell*. Insights into **How to approach investors and fund your startup** were given to the students. **Mr. Akash Agrawal**, *Co-Founder, ZOFF Foods* and **Mr. Taranbir Sahni**, *Co-Founder, VsanpU* were the Guest Speakers. They discussed the essence of timing, to raise funds, in upscaling their companies; the role of social media in

approaching angel investors; finishing by sharing their experiences at **Shark Tank India**. The event concluded successfully with a Q&A session.



Avinya 2023 by I-Cell

Innovation Cell (I-Cell), NIT Raipur, organized **Avinya**, its annual innovation event on 26th Mar. 2023. The one-day event was themed on **Indian Innovations and Scientists** and consisted of four major events- **Speaker-Sessions, Innovation Expo, Start-up Pitching** and **Open Day**. It was organized under the supervision of **Dr. Saurabh Gupta**, *Faculty In-charge, I-Cell*. The Chief Guest of the event was **Mr. Umesh Chitlangia**, *Chairman, Confederation of Indian Industry (CII), Chhattisgarh*. **Dr. R. K. Tripathi**, *Dean (Planning & Development)* was the Guest of Honour. Special Guests included **Dr. Samir Bajpai**, *Head, CDC*, and **Dr. Govardhan Bhatt**, *Assistant Professor, Civil Engineering*. The speakers for the talks were **Ms. Bina Trivedi**, *Managing Partner, IL & FS Investment Managers Ltd.*, **Mr. Sandeep Jain**, *Founder and Chief Executive Officer (CEO), GeeksforGeeks*, **Mr. Pranjal Kamra**, *Co-founder, Finology Ventures Pvt. Ltd.*, and **Mr. Mandar Joshi**, *Angel Investor, Media Producer, Theatre Actor*.



The event was inaugurated with a lamp lighting ceremony followed by the speaker-sessions. **Mr. Umesh Chitlangia** spoke about the importance of self-confidence, aspirations, innovation, and entrepreneurship in one's life. **Dr. Samir Bajpai** felicitated him with a memento. **Ms. Bina Trivedi** talked about risk management and her journey from innovation to impact. She was felicitated by **Dr. Govardhan Bhatt**. **Mr. Mandar Joshi** held an **Ask me Anything** session focusing on investments in businesses. **Dr. Manjeet Kaur Bal**, *Foundation of Ecological Security*, gave a special talk on the issues faced by rural people in the supply chain of small businesses and products. In the Start-Up Pitching competition, aspiring entrepreneurs presented their innovative business ideas to a panel of judges comprising leading industry experts and investors. The judges and audience bid on the ideas using an application created by I-Cell containing digital currency. The winner of the competition received an opportunity to work with the Incubation Cell, NIT Raipur Foundation for Innovation & Entrepreneurship (NITRRFIE) and be exposed to funding opportunities. In the Innovation Expo, many students got seed grants for their innovative projects.

Mr. Sandeep Jain talked about his journey from being a Hindi-medium student to founding **GeeksforGeeks**, one of the most revered online portals for Computer Science. **Mr. Pranjal Kamra** shared his views on innovation in business. He specified the importance of perseverance, team building and stress management in entrepreneurship. The event was successfully concluded with a vote of thanks from the coordinators of I-Cell.

Motosports Club Activities

Collaboration with Aviation Club to organize a workshop

Motorsports and Aviation Club, NIT Raipur organized an Aero modelling and Aircraft Performance workshop named **AEROTHINK** on 17th to 21st Mar. 2023. The event was organized under the supervision of **Dr. N. V. Swamy Naidu**, *Professor In-Charge, Aviation Club*. The workshop was organized to increase the awareness of aircraft design and aeromodelling, designing aircraft parts, and simulating their performance using XFLR5 and Ansys software. Participants were provided with hands-on experience in designing, building, testing, and controlling RC planes. They were introduced to the principles of flight, including lift, weight, thrust, and drag having applications in various flying objects like planes, drones, and helicopters. This workshop helped the participants to form a network of connections with other aero modelling enthusiasts and experts.

Organized its Induction Programme

Motorsports Club, NIT Raipur organised its Induction Programme on 26th Apr. 2023. The session was organised under the patronage of **Dr. Shubhankar Bhowmick**, *Faculty In-Charge, Motorsports*. **Dr. N. V. Swamy Naidu**, *Faculty In-Charge, Aviation Club* graced the occasion as the Chief Guest and delivered an insightful speech. The club members and mentors having rich placement legacy like **Jyotirmoy Ghosh**, *BPCL*, **Gyanendra Sinha**, *Dassault Systèmes*, **Ajinkya Sathe**,

CK Birla and **Deepisha Chakraborty**, *TVS intern* shared their experiences and role of the Motosports in their placements. **Team United Racing**, NIT Raipur had secured a rank of 20 out of 49 participating teams in **Formula Bharat**, an *Exclusive Formula Student Vehicle Design and Manufacturing Competition* that took place at **Kari Motorspeedway**, Coimbatore from 19th to 24th Jan. 2023, under the guidance of **Dr. Anuj Shukla** and **Dr. Vivek Kumar Gaba**, *Faculty In-Charges, Team United Racing*. The team consisted of **Saurabh**, *Captain*, **Harsh**, *Vice-Captain*, and **Jayant, Ketak, Sai Siddharth, Chudamani, Yuvraj, Shubham, Anurag, Akhilesh, Shraddha, Tanishq, and Sourabh**, *Technical Members*.

Team Ignitrr, NIT Raipur won a spectacular rank at **eBAJA**, an *Intercollegiate All-Terrain Vehicle Design and Manufacturing Competition*, that took place at **Chitkara University**, Baddi, Himachal Pradesh from 5th to 8th Apr. 2023, under the guidance of **Dr. Shailesh Vaidya**, and **Dr. Ankur Gupta**, *Faculty In-charges, Team Ignitrr*. The team consisted of **Arijeet**, *Captain*, **Sai**, *Vice-Captain*, and **Amit, Deepisha, Dhananjay, Shubham, Umang, Bhavesh, Shekar, Chaitanya, Shail, Aditya, and Mayank**, *Technical Members*. The programme concluded successfully with a Q & A session.



National Service Scheme Activities

Speech Competition on Millets & Healthy Life

National Service Scheme (NSS), NIT Raipur organized a speech competition on **Millets & Healthy Life** on 27th Mar. 2023, with the aim of spreading awareness about the **International Year of Millets**. The event was successfully conducted under the supervision of **Dr. Govardhan Bhatt**, *Faculty In-charge, NSS*. The event was graced by the presence of **Dr. P. Y. Dhekne**, *Registrar*,

NIT Raipur and **Dr Nitin Jain**, *Dean (Student Welfare)*. The judges were **Dr. Debashisha Mishra**, *Associate Professor, DoM*, and **Dr. (Ms.) Meena Murmu**, *Assistant Professor, CE*. **Lakhan Sharma**, *6th sem, MME* and **Surbhi Singh**, *MCA* won the first and second prize respectively. The event concluded with the award distribution ceremony.



Speech Competition on Ambedkar Jayanti

Team National Service Scheme (NSS), NIT Raipur, conducted a speech competition on 14th Apr. 2023 on the occasion of the birth anniversary of Dr. B. R. Ambedkar. The topic was **Contributions of Dr. B. R. Ambedkar to Indian Education**. The event was organized under the guidance of **Dr. Govardhan Bhatt**, *Professor In-charge, NSS*. **Dr. Debashis Sanyal**, *Dean (Faculty Welfare)* and **Dr. Nitin Jain**, *Dean (Student Welfare)* were the Chief Guest and the Guest of Honour respectively. The judges of the competition were **Dr. Meena Murmu**, *Assistant Professor, CE* and **Dr. Sharada Nandan Raw**, *Associate Professor, DoM*. Other special guests present were **Dr. P.K. Choudhary**, *Associate Professor, DCE* and **Dr. B.N. Bag**, *Assistant Professor, EE*. The event embarked on a light lamping ceremony and garlanding Dr. Ambedkar's portrait. **Dr. G. Bhatt**, **Dr. D. Sanyal** and **Dr. N. Jain** addressed the audience about Dr. Ambedkar's inspiring stories, contributions, and leadership qualities respectively. **Dr. S. N. Raw** along with **Dr. M. Murmu** announced the winners of the competition. **Rishabh Jain**, *2nd sem, DBE*, **Aditya Tiwari**, *8th sem, MME* and **Shivani Gupta**, *4th sem, MCA* secured the 1st, 2nd, and 3rd positions respectively. The event was successfully wrapped up with a vote of thanks.



Program on "Convert stress into smile"



National Service Scheme (NSS), NIT Raipur organized a program on the topic **Convert stress into smile** on 26th Apr. 2023, under the guidance of **Dr. Govardhan Bhatt**, *Faculty In-Charge, NSS*. The program aimed to assist all students in learning efficient stress management techniques, coping strategies, and methods for enhancing mental health. **Mr. Ram Raghunath Das**, *Personal Counsellor, Organizer, Ugdosh (the biggest youth festival in Chhattisgarh)* was the guest speaker for the event. **Dr. Govardhan Bhatt** addressed the students and expressed that there are many cases of depression, fear, anxiety in NIT Raipur and thus this event was organized to help the students. **Dr. A. D. Prasad**, *Assistant Professor, CE* greeted the students and shared some tips on stress management with the students. Additionally, a theatre performance was included to help the audience understand the subject better. **Mr. Das** explained multiple reasons for stress along with their practical solutions. He emphasized on the fact that stress and problems will always be a part of our life, but we must face those problems with a positive mindset and look out for solutions. The program concluded with an interactive question and answer round.

Blood Donation Camp by Sahyog



Sahyog-The Mentorship Club, NIT Raipur organized a **Blood Donation camp** and a **Health Awareness session** on 24th were coordinated by the members of the club. On day one, a Health and Awareness session on blood donation was organized. The speaker of the event was **Mr. Sudeep Shrivastav**, *State Consultant, Indian Red Cross Society*. He talked about the importance of Blood donation and emboldened the attendees to participate in blood donation camps. On day two, the Blood Donation Camp was organized in association with the Indian Red Cross Society. **Dr. Ravi K. Jade** inaugurated the blood donation camp with the ribbon cutting ceremony. **Dr. Nitin Jain**, *Dean (Student Welfare)* and **Dr. S. Sanyal**, *Dean (Faculty*

and 25th Mar. 2023. The events were organized under the guidance of **Dr. Ravi K. Jade**, *Faculty In-charge, Sahyog and Welfare*) were present. **Mr. Ashok Agarwal**, *Chairman, Indian Red Cross Society* and **Mr. Sudeep Shrivastav** were also present as the guests. A team of doctors were present for the screening. The camp was facilitated with all kinds of health safety measures and proper food packets were given to the donors. Students, faculty members, guards and public from outside the institute donated blood. The blood donors were felicitated with the certificates of Indian Red Cross Society and the camp ended with distribution of badges and goodies to the donors.

Alumni Achievements

- **Shri Deepak Kumar Sharma**, (*Civil/1987*), has been serving as the *Chief Engineer Regional Officer (CE-RO), Dehradun, Uttarakhand*. He is leading several momentous infrastructure projects sanctioned by the **Ministry of Road Transport & Highways (MoRTH)** like the **Char Dham National Highway, Kailash Mansarovar Yatra Route, Mana Pass**, etc.
- The Alumni of NIT Raipur have demonstrated their brilliance with flying colours in the **Civil Services Examination (UPSC CSE) 2022**. The **Union Public Service Commission (UPSC)** published the final results of **CSE (Main) 2022** on 23rd May 2023. The meritorious Alumni of the institute who excelled in the exam are:

| | |
|---------|--|
| AIR 267 | Aakash Shrishrimal (<i>Civil/2019</i>) |
| AIR 272 | Divya Pant (<i>Chemical/2015</i>) |
| AIR 753 | Yash Kumar Jain (<i>Metallurgy/2017</i>) |

Contribution to the Institution

Donations

NIT Raipur expresses sincere gratitude towards **Shri Amitava Sur (Mech/1970)** who has made a generous donation to the Institute.

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.**

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Mr. T. Bhawar
(Office Coordinator, PMRC)

STUDENTS



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(EE, 6th Sem.)



Neha Gaiwad
(IT, 6th Sem.)



Pragati Agrawal
(EE, 6th Sem.)



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(BME, 4th Sem.)



Amarram Madhu M.
(BME, 4th Sem.)



Pankaj Kumar Chandra
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Ananya Srivastava
(CSE, 2nd Sem.)



Dolly Nagwani
(BME, 2nd Sem.)



Vaishnavi Padole
(ME, 2nd Sem.)

