

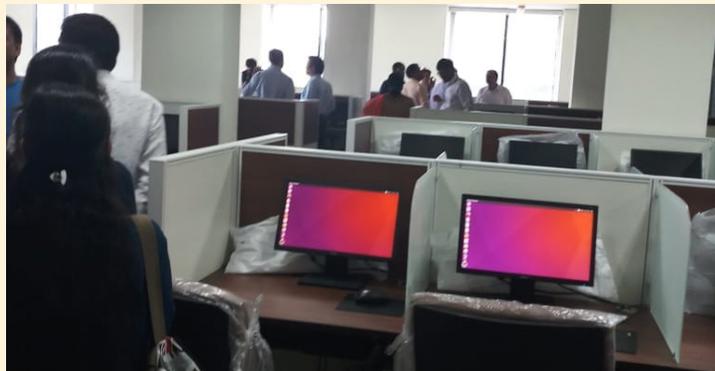
Institute News

Inauguration of Two Labs of Central Computer Centre



NIT Raipur is in the process of establishing its Central Computer Centre (CCC) based on software-defined network (SDN). Two Labs of the CCC located in the Career Development Cell (CDC) Building were inaugurated by **Dr. A. M. Rawani**, Director, NIT Raipur on the occasion of *Engineers' Day* on 15th Sep., 2018. In the inaugural speech, the Director

shared his vision to develop NIT Raipur as a centre of excellence, for establishing the specialized high-end computational research infrastructure for students and staff members. These laboratories are equipped with 277 PCs along with myriad of educational and research application softwares. All these PCs serve as client access system for *high-end computing application* that is running through a remote server.



Recruitment of Faculty Members

Interviews for faculty positions (twenty-nine Assistant Professors and fifty five Associate Professors) in various departments were conducted from 23rd Apr., to 20th

May 2018. In addition to eleven faculty members who joined till 30th Jun., 2018, the following seven faculty members joined the Institute.

S.No	Name	Designation	Department	Date of Joining
1.	Dr. Neigapula Venkata Swamy Naidu	Associate Professor	Mechanical Engineering	04 th Jul., 2018
2.	Mr. Vivek Agnihotri	Assistant Professor	Architecture	06 th Jul., 2018
3.	Mr. Sayon Pramanik	Assistant Professor	Architecture	09 th Jul., 2018
4.	Ms. Kabita Biswas	Assistant Professor	Architecture	09 th Jul., 2018
5.	Dr. Jagadish	Assistant Professor	Mechanical Engineering	27 th Aug., 2018
6.	Dr. Sachin Jain	Associate Professor	Electrical Engineering	10 th Sep., 2018
7.	Dr. Baidyanath Bag	Assistant Professor	Electrical Engineering	25 th Sep., 2018

The team *Mirror* congratulates all the above faculty members.

Purchase Official Meet

Purchase Official Meet (POM) has been arranged under the chairmanship of **Dr. A. M. Rawani**, Director, NIT Raipur to streamline and expedite the process of procurement of goods and services. It was decided that all members of Purchase Committee, Assistant Registrar (Stores & Purchase), Internal

Audit officials, Registrar, Deputy Registrar (Finance and Accounts) and HODs of all Departments will be attending the POM, which will take place every fortnight. The first meet was held on **14th Sep., 2018** to resolve the issues related to the online-procurement through E-wizard and clear the pending files on spot.

E-Tendering

The Institute has procured an e-tendering solution from ITI India Ltd., New Delhi for e-tendering/e-procurement and e-auction services. The procurement

through this portal will expedite and streamline various activities *viz.* EMD release, vendor registration, tracking files *etc.*, enabling quick disposal of files.

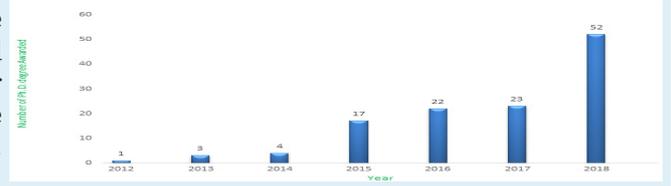
In Focus

Institute Convocation



The 9th Convocation Ceremony of the Institute will be held on 1st Dec., 2018. **Padma Shri Prof. Sanjay Govind Dhande**, Chairman, NIT Delhi has given consent to deliver the convocation address as the **Chief Guest**. He has served as Director, **IIT Kanpur**. He is also the Chairman, Board of Governors of National Institute of Industrial Engineering, Mumbai. Prof. Dhande is currently a member of the Scientific Advisory Council to the Prime Minister of India. In this grand occasion, the Institute will proudly commemorate **888 Graduates, 191 Post**

Graduates and 52 Ph.D. Scholars. The number of Ph.D. degree being awarded this year is the highest ever since. **24 Gold and 23 Silver** medals will be awarded to meritorious students for their outstanding academic performance. On the same day, the foundation day of the Institute will be celebrated in the evening.



Faculty/Students Welfare Corner

SBI Corporate Salary Package



With the initiatives of the Director, the existing Saving Bank Accounts of regular employees of the Institute have been converted into Corporate Salary Package Accounts. State Bank of India conducted a presentation on *Corporate Salary Package* on 20th Sep., 2018. **Mr. Rajesh Gajpala** and other SBI officials illustrated rules and regulations for the benefits of the regular employee of NIT Raipur. They also demonstrated the different uses of the YONO App.

MoUs with Hospitals

NIT Raipur has established a tie-up with *We Care Super Speciality Hospital, Suyash Hospital, Shree Narayana Hospital, Agrawal Hospital, Gayatri Hospital, M/s V.Y. Hospital* and *ASG Hospital* for cashless medical treatment of the employees and their family members.

Contingent Grant to Ph.D. Scholars

The Institute has introduced a scheme of contingent grant for the full-time Ph.D. Scholars, who are receiving Institute Fellowship. Under this scheme Rs. 20,000 per annum for the first year and Rs. 30,000 per annum on 2nd, 3rd and 4th year will be provided on the reimbursement basis. This will help the scholars to carry out and expedite their research work.

Faculty Achievement



Dr. A. M. Rawani, Director, NIT Raipur was conferred with fellowship award by the **Indian Institute of Industrial Engineering**, Mumbai, for his outstanding contribution in the promotion of *Industrial Engineering Profession*. The award was given to him in the **Diamond Jubilee National Convection and International Conference** which was held at ITER, Bhubaneswar during 27th - 30th Sep., 2018.

Academic Activities

Workshop/Conference/STTPS/Expert lecture



The STTP on **Programming Fundamentals and its Application** was organized in the Department of Information Technology from 5th to 9th Sep., 2018. It was coordinated by **Dr. Mridu Sahu** and **Dr. Govind P. Gupta**. Experts from NIT Raipur and Airport Authority of India, Mana, Raipur delivered the lectures on *Fundamentals of Programming, Image Processing and 5G Technology*.

A two-day Workshop on **Data Analytics** was conducted by the *IEEE* Student Branch of NIT Raipur in collaboration with Team Eckovation, New Delhi,

from 1st - 2nd Sep., 2018. The session was presided by **Mr. Akshat Goel**, CTO and **Mr. Abhishek Shekhar**, Operations Manager, Team Eckovation, New Delhi.



The Entrepreneurship-Cell, NIT Raipur organized an *Ignition Workshop* on 1st Sep., 2018, under the supervision of **Mr. Puneet Raman**, Founder & Director, Prowisdom Growth, with the aim to bolster the implementation of effective business models and to acquaint students with the market acquisition and value prepositions.



Stock Trading Workshop was organized by the Entrepreneurship Cell, NIT Raipur on 2nd Sep., 2018 to make students aware of the stock market terminologies, strategies and trends. **Mr. Ankush Bajaj**, Director, ALFA FinEduCon Pvt. Ltd., delivered a lecture on **Stock Market's Profit and Risk Evaluation**.



A two-day Workshop on **Intellectual Property Rights for the Startups** was organised by the Entrepreneurship Cell in collaboration with the Innovation Cell and the Startup Cell on 28th-29th July 2018. The workshop was conducted by **Mr. Rodney D. Ryder**, advisor to the Ministry of Communications and Information Technology, Government of India, and **Mr. Ravi Goyal**, Advocate and Legal Consultant at Scriboard.

Lecture By Eminent Persons

- An expert lecture on *Recent IT Industry Trends and Planning in IT career* was organised in the Department of Information Technology on 7th Aug., 2018 in order to make students acquainted with the recent IT Industry and strategies for planning an IT career. **Mr. Arvind Kumar**, Centre Head, Tata Consultancy Services, Nagpur was the invited speaker for the session.

- To acquaint the students with the current practices and issues in architectural practice, **Ar. Sabyasachi Mukherjee**, Architectural Designer of

Risland Guangzhou, China delivered an expert lecture on topic *Present Scenario of Architectural Practice* in the Department of Architecture, on 10th Aug., 2018.

- Dr. Mansee Bal Bhargava**, Faculty, CEPT UniAversity, Ahmedabad delivered an expert lecture on *Pedagogy in Architecture* in the Department of Architecture, on 11th Aug., 2018.

- Dr. Debvardhan Upadhyay**, Director, Institute of Urbanism, UK delivered an expert lecture on *Reflections in the Department of Architecture*, on 20th Aug., 2018.

- Mr. Suryanshu Choudhury**, Senior Manager, Corporate Minerals Resources, Ambuja Cement Ltd., Mumbai delivered expert lectures on *Application of IT to Mining Industry and Computer Aided Ore body Modelling, Resource Evolution and Mine Design* in the Department of Mining Engineering on 4th Sep., 2018.

- Dr. Binod Mishra** from IIT Roorkee delivered an expert talk on *Soft Skills: the Mantra of Success in Today's Corporate World* in Department of Humanities and Social Science on 24th Sep., 2018.

Research Frontiers

Funded Projects

To Propose an Optimize Resource Allocation Schemes Cellular Networks: PI- **Dr. P. K. Mishra**, Department Framework for Device Tier Communication for 5G of IT, Rs. **14.79** Lacs, Funded by: SERB, DST.

Ph.D. Thesis Defended

- Mr. Sumit Kumar Banchhor** defended his Ph.D. thesis *Coronary Calcium Detection and Risk Assessment in Intravascular Ultrasound Videos* on 1st July 2018 under the supervision of **Dr. N. D. Londhe** and **Dr. J. S. Suri**.

- Mrs. Swasti Sthapak** defended her Ph.D. thesis *Thermal Adaptation of Functional Usage in Naturally Ventilated Houses of Chhattisgarh Plains* on

7th July 2018 under the supervision of **Dr. Abir Bandyopadhyay**.

- Mr. Ghanshyam Jareda** defended his Ph.D. thesis *Assessment of Groundwater Quality in Bailadila Iron Ore Mine Area and Peripherals: Physico-Chemical and Some Heavy Metals Analysis and Removal of Heavy Metals from Groundwater* on 27th July 2018 under the

supervision of **Dr. S. P. Mahapatra**.

- Ms. Archi Sharma** defended her Ph.D., thesis *Design and synthesis of novel potent Pyrazolyl[1,2,4] triazolo[3,4-b][1,3,4]thiadiazols, 2-thioxo-[1,3] thiazinyl-chromen-2-ones, thiazole-schiff base heterocyclic compounds and their biological evaluation* on 31st July 2018 under the supervision of **Dr. Santhosh Penta**.

- **Mrs. Rinku Parashar** defended her Ph.D. thesis *Reinterpretation of Plan Forms of Odishan Temples (From 6th Century A.D. to 16th Century A.D.)* on 3rd Aug., 2018 under the supervision of **Dr. Abir Bandyopadhyay**.

Students Activities

Induction Program for 1st Year Students

NIT Raipur organized **Induction Program** for B.Tech. and B. Arch. first year students during 4th -24th Aug., 2018 under *TEQIP-III*. The program helped the students acquaint themselves with the various clubs and committees of the



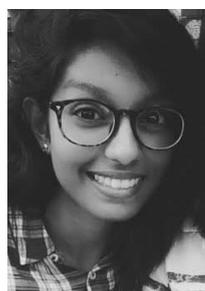
Courses on **Communication Skills, Personality Development and Stress Management** were delivered by external experts **Mr. Ashraf Hingora, Dr. Varsha Varvankar and Dr. Yogita Sharma. Dr. Shrish**

Institute. Basic conceptual skills and activities like *Yoga, Value education, Personality Development, Communication, Health and Hygiene* were included in the programme.



Verma, Dean Academics and Dr. Prabhat Diwan, Dean Student Welfare interacted with all students to familiarize them with the current academic program, curriculum and facilities offered by the Institute.

Students' Achievements



• **Ms. Tanishka Singh**, Department of Information Technology, NIT Raipur, has joined Arizona State University, Tempe to pursue **MS program in Computer Science**. She also received offers from the University of Washington St. Louis, University of Maryland and Penn State University, USA.

• **Mr. Vivek Kumar Sahu**, Department of Information Technology, NIT Raipur has been selected to pursue Ph.D. program at Stony Brook University, New York.



• **Ms. Kuhu Gupta**, Department of Information Technology, NIT Raipur, has received an offer to pursue MS in Computer Science from Arizona State University, New York University, Stony Brook University, University of Maryland, College Park, University of Michigan, Ann Arbor, and Georgia Institute of Technology, USA.

Swachh Bharat Summer Internship



In line with the directives of MHRD and Ministry of Youth Affairs and Sports, **23 students** of the Institute successfully completed the Swachh Bharat Summer Internship during 1st May - 31st July 2018. The aim of the programme was to

engage youth across the country, while bolstering their skills and orientating them towards sanitation. The names of three best interns selected for the award have been sent to the Secretary, Higher Education, Chhattisgarh.



Club / Committee Activities

Entrepreneurship Cell



The Entrepreneurship Summit 2018 was held during 8th -9th Sep., 2018. The event was inaugurated by **Mr. Ankush Minocha**, Pre-Sales Manager of Wipro; **Dr. Nandini Vaidyanathan**, Founder, CARMA CONNECT; **Dr. Shrish Verma**, Dean Academics; **Dr. Prabhat Diwan**, Dean Student Welfare; **Dr. Sameer Bajpai**, Head of Career Development Cell and **Dr. R.N. Patel**, Faculty-in-charge, E-Cell, NIT Raipur.

The speakers for the entropy session were **Mr. Gopichand Katragadda**, Chief Technology Officer, Tata Group; **Mr. Kumar Gaurav**, Founder, Cashaa, Auxesis Group and Blockchain Speaker & Influencer, **Mr. Daniel Ramamoorthy**, Global entrepreneur and start-up coach and **Ms. Nandini Vaidyanathan**, Founder, CARMA CONNECT. The event was also an

occasion for the felicitation of social entrepreneurs, Mrs. Tulika Pandey and Mr. Sandeep Bacch.



Startup Camp had various budding Startups from in and around **Chhattisgarh**, recruiting interns and pitching their startup idea among the top investors from Raipur. The event was followed by panel discussion, where entrepreneurs shared their opinions on different aspects of entrepreneurship. Different types of business events like *Wallstreet*, *B-Case study* and *B-Quiz* were organised to spark an intellectual debate and scholarly discussion on business prospects in Chhattisgarh. The event was concluded in a humorous note by **Mr. Nishant Tanwar**, who enthralled the crowd with his wit and a caricatured notion of entrepreneurship.

Click Club



The club organized the Annual Photography Workshop under the supervision of **Dr. S. Sanyal** for five days (25th - 26th Aug., 1st - 2nd Sep. and 15th Sep.) covering the wide range of topics regarding Photography, post-processing, tricks and tips. The students were taught by experienced and professional photographers associated with brands like NatGeo, History TV etc. The event commenced with **Mr. Dheeraj Katare**, Wildlife Photographer, illustrating the basic rules



of wildlife photography. **Mr. Prudhvi Chowdhary**, Landscape and Travel Photographer (NatGeo, BBC earth), delivered a talk on Landscape Photography and various challenges faced in the initial phase of a budding photographer. The session concluded with a discussion on the various aspects of drone and night photography which was delivered by **Mr. Rakesh Phulapa**, Entrepreneur and Travel Photographer.

Literary Club



The club conducted an essay writing competition on 4th Sep., 2018 under the umbrella of *Ek Bharat, Shrestha Bharat*. It was a bilingual competition on the diversity of Gujarat.

Interact Club



The Quiz was organized by the Interact club on the occasion of Engineers' Day on 14th Sep., 2018. The objective of the event was to bring awareness on all the aspects of technical education along with professional ethics of engineering.

Club/Committee Activities

Raaga : The Music Club



Under Ek Bharat Shreshth Bharat programme, **Shruti**, the Musical festival of NIT Raipur, was conducted by the team Raaga on 29th Sep., 2018. The members of the club performed and rendered *Gazal, Retro, Bollywood* and *Mashup* songs. The gathering was addressed by **Dr. A. M. Rawani**, Director. The event was commemorated by Deans, Nodal Officer and HODs of different Departments, NIT Raipur with pomp and joy.

Go-Green Club



The Go-Green Club organized a trivia quiz **O³ - Quiz** on 15th Sep., 2018 to mark the occasion of *World Ozone Day*. The competition explored various aspects of ozone depletion and environmental conservation.



Go Green club also organized the event **Green Library** on 2nd Sep., 2018 in presence of **Dr. D. C. Jhariya**. In this event, **books, notes and study materials** were distributed among more than **250 students**

of the Institute. This event focussed on the promotion of share and care culture developing harmony among students.



A **tree plantation** drive was organized in the premises of NIT Raipur on 17th and 22nd Aug., 2018 under the supervision of **Dr. D. C. Jhariya**, promoting green culture and encouraging plantation of native trees in the Institute. The event was inaugurated by **Dr. Prabhat Diwan**, Dean Student Welfare and **Dr. Subhasis Sanyal**, who shared their views and ideas

on such eco-friendly programs.



The event **Green Ganesha** was conducted by Go Green club on 12th Sep., 2018 to promote the usage of *eco-friendly* idols by using soil, *natural colours* and *biodegradable materials*. Students from various schools and colleges actively participated in the program. The winners were felicitated by the jury consisting of **Dr. D. C. Jhariya**, **Ar. Mayank Tenguriya** and **Ar. Sayon Pramanik**.

Rajbhasha Samiti



Hindi Pakhwada was celebrated from 14th - 20th Sep., 2018 in NIT Raipur under the efforts of Rajbhasha Samiti. The objective was to promote the wide use of the Hindi language among the youth. The inauguration ceremony was started with a small *nukkad natak*, which was followed by various events like *Chakravayuh*, *kavi-samhalan*, *tatkalik bhashan* and *Samuh Charcha*.

The special event **Karvaan- the poetry slam** was on 24th Sep., 2018 with the collaboration of **NIT Raipur** and **Karvaan Chhattisgarh**.

Innovation Cell



Innovation Cell organized an open competition for pitching of new and innovative ideas from the students of the Institute. The competition was held in two slots on 21st July 2018 and 29th Sep., 2018. Ten best ideas were selected for seed grant of Rs. 25,000/- each.

National Service Scheme



NSS Team visited the Govt. High School and the Primary school of **Guma village**, Dharsiwa Tehsil on 29th Sep., 2018. The members interacted with students to answer queries pertaining to their studies and motivated them for a better future. The members of **Unnat Bharat Abhiyan** donated **1200 books** to the school libraries. The teachers of the primary schools discussed with **Dr. Govardhan Bhatt**, Assistant Professor, Civil Engineering and Professor-in-charge, NSS, regarding the current education system and the method of promoting talented students for higher studies.

A Day With Real Heroes

An event *a day with real heroes* was organized by the NSS team on 13th Sep., 2018 to express gratitude to the real-life heroes of the *three wings of the Defence Services*. It started with the national anthem followed by lighting of the lamp. The welcome speech was



delivered by **Dr. Govardhan Bhatt**, who emphasized the role of the army in fostering nationalism among the students and urged the guests to inspire the students by narrating their war-time experiences. **Dr. Prabhat Diwan**, Dean Student Welfare delivered a speech on *Patriotism as the greatest of all virtues*. The first guest was retired **Captain J. S. S. Kakkar**, who had lost his right foot before 4 months of 1971 war, and served the Indian army for the next **20 years** with wooden foot. He shared his experiences of the 1971 war. **Mr. Ajit Ogre**, DSP, Chhattisgarh police encouraged the students to break the stereotypes and emerge as true engineers by contributing to the growth of the nation. All the guests were felicitated with memento by **Dr. Govardhan Bhatt**. The event helped the students to sensitise them and their role in society to inculcate patriotism and also to pursue defence services as a future career prospect.

National Cadet Corps



A **Thal Sainik** Selection Camp was organized during 1st-10th July 2018 at Anjora, Durg, Chhattisgarh. **10 Cadets, 6 SD and 4 SW** from 5 CG CT(I) COY NCC Raipur attended this camp and performed actively in various events like *Map Reading, Firing, Obstacle Course, Tent Pitching* and *Quiz*.

Independence Day Celebration



The 72nd Independence Day was celebrated in the Institute with the hoisting of National Flag by **Dr. A. M. Rawani**, Director, NIT Raipur. The event was commemorated with the speech of the Director who emphasized the key issues such as NIRF ranking, promotion of *research and development*, and *infrastructure development*. He also mentioned the progress of *E-Abhiyaan* initiative in the Institute highlighting the use of *Google Classroom*. He also shared his idea on revenue generation, through alumni interaction. He declared to stop the practice of giving memento to the Institute faculty and staff members during various programs, and suggested to use plant saplings in place of flower bouquets for welcoming the guests. The event concluded with a parade by students of NCC and Naval Wing.

Alumni Activities



The **Alumni of 1998 batch**, Department of Computer Applications donated **90 saplings**. This will help in improving the green environment and beauty of the campus. The saplings were planted in different locations of the NIT campus which can be used for the Ayurvedic treatment of various diseases.

