THE BEACON RAY

A quarterly newsletter from NIT Warangal

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FOREWORD

Dear colleagues,

Hope all of you and your family are doing well and are safe during the COVID-19.

The Institute has been making good progress on all the fronts. The Academic activities are going on smoothly. The first semester examinations have been successfully completed and the results have been declared for all the students, except for the freshly admitted batches. The class work for the Second semester has started on a smooth note. I congratulate the Dean (Academic) and his team for this success. All the faculty members have been equipped with the required digital tools including Laptops. I congratulate the entire team of the Administration for their alacrity in pursuing this significant achievement in a short span of time. The Institute Administration has been continuously striving to improve the working environment in the Institute.

Our faculty have been continuously pursuing R&D. It is learnt that 14 New Projects worth Rs. 3.50 crore have been sanctioned recently by DST to our faculty. Similarly, two more patens have been sanctioned in the last few months. Congratulations to all these faculty colleagues for their achievements. Our students have been performing exceedingly well on all fronts. Some of our final year and graduated students have scored very good ranks in the CAT 2020 Examination. Congratulations to all of them.

The NITW Alumni Association has been doing great work. In response to a call given to them to help the needy students of the Institute by donating Laptops, nearly 150 Laptops have been donated by the Alumni. The efforts of Mr. Ramana Rayavarapu (B.Tech–ECE-1983 batch) Toronto Canada, and Mr. Sudhir Subbaraman (B. Tech-Mechanical-1994 batch) Bangalore – (both working for CGI, have facilitated the donation of 91 Laptops from their company) are specially appreciated in this regard.

Seven Working Groups have been constituted in the Institute to develop strategies to improve the standing of the Institute in general and the NIRF ranking of the Institute in particular. All these groups have made elaborate exercise and came out with detailed action plans on the respective themes.

Detailed presentations have been made by these groups and the actionable items were thoroughly discussed. Finally, the Strategic Action Plan has been prepared with short term and long term goals. I congratulate the Dean (Faculty Welfare) for the success of this elaborate exercise.



The Institute has been in the forefront in implementing the NEP-2020. Detailed discussions were held at various levels and all the departments have come out with actionable points. As a first step in this direction of implementing the NEP-2020, the Institute is starting a 5-years integrated M.Sc programme from the next academic year, 2021-22. This is only a beginning, but we have a long way to go before all the provisions of the NEP-2020 are completely implemented. With curriculum revision on the cards, I am confident that the NEP team under the guidance of the Advisor (CRRM) will come out with an action plan with short term and long term goals.

The Institute is preparing an action plan for NBA accreditation of all the eligible programmes. Quality assessment is an essential part in evaluating the overall ranking of the Institute. Our faculty colleagues are enthusiastically involved in compiling the details and presenting them in the best possible format so that all the eligible programmes are accredited to the maximum period.

The Institute is slowly recovering from the Covid effect. All the Faculty and Staff are working in the offline mode. Efforts are also being made to open the Institute for the students in a phased manner. The Dean (Students Welfare) and the Chief Warden are working out the modalities for effective implementation of the SOP for the students to return to the Hostels.

I congratulate the Editorial Board of the Newsletter for compiling all the details and bringing out in this neat format. Finally, I would like to remind all the colleagues that Teaching and Research have to go hand in hand for the development and better ranking of the Institute. Let us all resolve to work hard and keep the flag of NIT Warangal high.

- **Prof. N. V. Ramana Rao**
Director , NIT Warangal

Brief Report on Working Groups

In order to improve the overall performance of the Institute in general and NIRF ranking in particular, and keeping in view the aspects which are taken into consideration for ranking purpose, 7 working groups have been constituted by the Director.

The composition of each group is such that a senior professor as Chairperson, at the institute level, a convener and members drawn across all the departments of the institute, forming a heterogeneous group.

The Working Groups were given free hand to come out plan of action after going through the existing practices at the institute.

Though the Working Groups submitted a soft copy to the Dean (FW), at the behest of respected rector, the presentations were given by Chairperson all working groups, spread over in 2 days and 3 sessions per day.

The presentations were scheduled on 21&25 January 2021, inviting all Deans, Advisors, Registrar HoDs, and faculty. The Director was kind enough to sit all through the presentations.

The deliberations were effective and majority of the faculty have actively interacted.

The Director also gave presentation on all the aspects of NIRF ranking and metrics involved and also compared the performance of Institute across 4 years.

Induction Program 2020 for I B.Tech Students

Upholding the convention, NITW has led its annual Induction Programme for the students of batch 2020-24, amidst the pandemic. Introduced by MHRD, the induction programme includes the activities namely Universal Human Values, Creative arts, Lectures by eminent speakers, English Proficiency etc.

Induction Programme for first year was inaugurated on 2nd Dec. 2020 from 10:30 AM to 12:30 AM. The main purpose of this event was to create awareness regarding various activities to enhance social and personal qualities in students. Starting with Dr. J.V.Ramana Murthy, Dean (Student Welfare), Professor of Mathematics Dept. NITW. He gave a brief introduction on clubs, events and ended with motivational speech. After that Prof. N.V. Ramana Rao, Director NITW, gave speech on NITW history and ranking. After that Prof. Rajeev Sangal, former Director, IIT BHU, started his speech with the story of tortoise and rabbit and concluded that we should develop qualities besides analytical abilities. At the end, he answered student's queries and appreciated all the students. Later the Academic activities were presented by Dr. A. Venugopal, Dean (Academic) and Dr. Harikumar Voruganti, Associate Dean (Academics-UG). The main objective of the event was "Academic Rules and Regulations". The following objectives were explained in detail:

1. Rules and Regulations, 2. Attendance, 3. Academic Calendar, 4. Credentials and Grading, 5. Synchronous and Asynchronous Classes and 6. Exams. After it different departments were introduced by their respective HOD's. The event also included student's doubts clarifying session. With this day 1 ended. From Day 2 there were daily Universal Human values sessions in the morning from 9:30 a.m. to 11:30 a.m. and creative arts session in the evening from 3:15 p.m. to 4:45 p.m.

Universal Human Values (UHV): This course being specifically designed helps out the students with an exposure to human and societal concerns. The series of sessions promise the development of holistic perspective based on self-exploration about themselves, family, society, nature, existence, in addition to understanding of harmony in the human being. The course is taught by the faculty with pre-existent grip on the content.

CREATIVE ARTS: Students learn about the culture and community through creative arts. With the ability of choosing, NITW offers a group of activities like dance, karate, photography, painting and more. These acts aid the students a cognitive growth thereby amplifying the potential to invent new ways of creation. On day 2 there was also a presentation on LMS which is a platform for online learning. Later after the lunch break there was an address by the Registrar and the Deans.

On day 3 there was continuation on LMS in which students were made more familiar to the platform and the doubts were cleared. After the Lunch break there was a guest lecture by Mr D Murali an Alumni of NITW. The day ended with creative arts session. On Day 4 after UHV session there was a guest lecture by Dr. BVR Mohan Reddy from Cyient. After the lunch break there was an English Proficiency session of one hour.

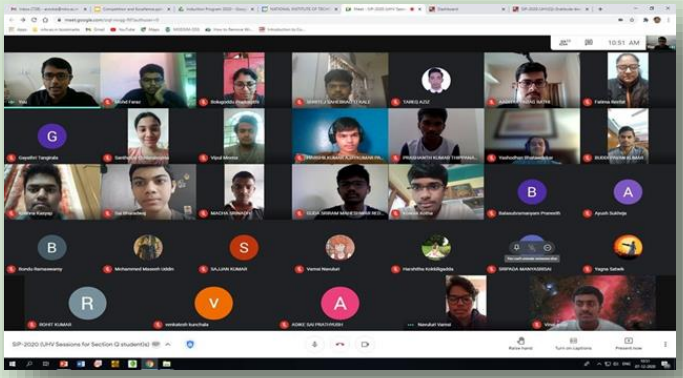
Day 5 started with the UHV session followed by the address of Chief Warden to the students about the Hostel and Mess rules and regulations. Then TEQIP coordinator told the students about TEQIP and its functions. After this CCPD (Centre for Carrier

Planning and Development) Head told the students about placement procedure, companies visiting our college and placement stats of last few years.

After this Centre for Innovation and Incubation (CII) Head told the students about CII with a presentation and few CII members also spoke about it. Next Student's Council Secretaries told about the functioning of the council. After the lunch break there was an English Proficiency session followed by creative arts. The day was ended by a session in which Secretaries of Student's Council told about the Institute festivals and the Institute Clubs. General Secretaries of few clubs also presented a glimpse of their clubs to the students.

Day 6, it was the last day of the induction programme. Started with UHV session which was followed by a Talk by Gurudev Sri Sri Ravi Shankar Ji on Art of living. After the Lunch break there was a guest lecture by Mr P.S. Subramanyam, a distinguished scientist from DRDO. After this there was a creative arts session and the Induction Program 2020 finally came to an end with a wonderful Valedictory ceremony.





Orientation program for PG & Ph.D. students

For the first time, an orientation program for the newly admitted Post graduate and Ph.D students was organized by the institute. It was conducted in online mode on 28th Sep 2020 in two halves, morning session at the institute level and the afternoon session at the department level. More than 800 students attended the program online. They attended the morning session through Webex event and the department level orientation through individual google meet links provided by the departments. Prof. P. Seshu, Director of IIT Dharwad and Alumnus of our institute was invited as the Chief Guest of the program. Director, Registrar, Advisers, Deans and Head of all the departments participated virtually in the program. The program started with welcoming of the new students and introduction of all Deans, Heads, and Advisors to the students by Prof. A. Venu Gopal, Dean Academic. As students could not attend the program physically because of the pandemic, a virtual tour of the campus was shown to the students to get a feel of the campus. Prof. N. V. Ramana Rao, Director – NIT and hostel facilities in the campus. There were also two sessions – each by Head, CCPD on overview of internships and placements @NITW and by the Librarian on the library facilities including digital library in the campus.

Warangal addressed all the new entrants and congratulated all of them for securing the admission in NIT Warangal. The chief guest, Prof. P. Seshu has given an inspiring address to all the attendees on 'Higher studies, Research – Opportunities and challenges". He discussed about exciting engineering by taking examples from precision agritech, healthcare, energy & green mobility, space etc. He also highlighted the importance of multi-disciplinary education and research and the current need of the hour – online education and research. He has concluded his inspiring speech by emphasizing the importance of wellness of body and mind. It was very interesting and very well received by all the members. Followed by this, Dean Academic with his team of Associate Deans gave an overview of curriculum structure, Rules & Regulations of PG and Ph.D programmes. The students were also informed about the modalities of conducting the first semester in online mode by the academic team. Prof. J. V. Ramana Murthy, Dean Students and Prof. Gunneswara Rao, Chief Warden addressed the newly admitted students about the various student activities

In the second half of the Orientation program, the students attended the department level orientation through the google meet links provided to them. The students were given a overview of the department and were introduced to the faculty, coordinators and faculty advisers by the Head of the department. The faculty advisers and coordinators discussed the structure of the PG program. The students were asked to

introduce online. The students were also provided an opportunity to interact online with the second year / senior students of the program at the end.

The entire orientation program was a great success and liked by the newly admitted PG & Ph.D students.



Prof. P. SESHU, Director, IIT Dharwad

B.Tech from NIT Warangal in 1984,

M. Tech. in 1986 and Ph.D. in 1989 both from IIT Madras

Laptop Donation by Alumni

The appeal given by our Director to Alumni to donate laptops to the needy NITW Students, has evoked an enthusiastic response. The laptop distribution program was organized on 07.1.2021 at the Institute by inviting the students. The efforts of the following alumni are appreciated in participating in this gesture.

Ramana Rayavarapu (BT/ECE/83) Toronto Canada and Sudhir Subbaraman (BT/ME/94) Bangalore – both work for CGI (91 laptops from CGI)
1983 batch – 14 laptops
1980 batch – 10 laptops
1995 batch – 5 laptops
NITWAA Hyderabad Chapter – 5 laptops
Biju Philipose,(BT/EE/93) Vice-President NITWAA – 1 laptop
Prabhakar SD (BT/ChE/90) Hyderabad – 1 laptop

It is understood that many more alumni are keen to participate in this cause.
Some faculty of the institute have donated their old laptops.



Other Activities carried out by NIT Warangal Alumni Association



Institute Foundation day celebrations, Date 10.10.2020; Distribution of masks and sanitizers to temporary staff at Institute



On behalf of 1991-95 batch (B.Tech) handed over laptops to Director for distribution among poor students. Date 28.12.202

On the invitation of Telangana Governor's office, the NITWAA Warangal chapter participated in *Meet and Greet program* with hon'ble Governor of Telangana, her excellency *Smt. Dr. Tamilisai Soundararajan.*

On the occasion of new year 2021, NITWAA Warangal chapter EC members *President Er Chandragiri Srinivas (BT/CE/91), Secretary Prof. A. Venu Vinod (BT/ChE/90, Phd/ChE/06), Treasurer Prof Anand Kishore (PhD/ChE/14), Vice-Presidents Er P Satyanarayana (BT/EE/87) and Er P Suresh Babu (BT/CE/90), Joint Secretary Er N Sadanandam (BT/EE/93) met Telangana State Governor Dr. Tamilasai Soundararajan at Raj Bhavan. Governor was apprised of the Warangal chapter activities carried out since October 2019, when the EC assumed charge. Warangal Chapter Activity report was released by the Governor on the occasion. The *President Mr. Chandragiri Srinivas* explained the service activities taken- up by the chapter.



First Virtual Convocation



A student in his virtual avatar receives his degree as part of the 18th convocation of NIT Warangal.

Virtual convocation of NIT-W held

DC CORRESPONDENT
WARANGAL, OCT. 22

Union education minister Ramesh Pokhriyal 'Nishank' virtually addressed the students at the 18th Convocation Ceremony of NIT Warangal on Thursday.

The convocation was held through Motion Cap augmented Reality Virtual Technology because of the Covid -19 pandemic.

As many as 1,607 candidates received their degrees during the convocation. Out of this, 119 are PhD Degree awardees, 616 are M.Tech and other Post Graduate Degree awardees and 872 are B.Tech. Degree awardees.

In each branch of engineering, the topper of B.Tech. receives the Roll of Honour gold medal, and the topper of all branches receives the Institute Gold Medal.

Apurva Bhardwaj, of Chemical & Engineering, received the Institute's gold medal by the minister virtually in the convocation. He had the highest CGPA among all the branches of engineering. Seven other students also received gold medals.

He inaugurated the newly constructed buildings including, the Pandit Madan Mohan Malaviya Teaching and Learning Centre, Visvesvaraya Skill Development Centre, Sardar Vallabhbhai Patel Guest House on the campus and also laid the foundation for the Rudrama Devi Ladies Hostels Complex.

N.R. Narayana Murthy, Padma Vibhushan awardee, Founder of Infosys and chairman emeritus, Dr N.V. Raman Rao, director, NIT Warangal and chairman Board of Governors were present.

NITW convocation today

HANS NEWS SERVICE
WARANGAL

THE NIT, Warangal, (NITW) is all set for its 18th convocation on its campus at 4.50 pm on Thursday. Union Minister for Education Dr Ramesh Pokhriyal Nishank and founder of Infosys NR Narayana Murthy are the chief guest and guest of honour for the convocation.

In view of Covid-19 pandemic, over 1,600 students will be participating in the ceremony from the safety of their homes and will have their e-avatars walk up the live dais to receive medals and degrees from virtual avatars of dignitaries.

NITW Director Prof N V Ramana Rao said a record number of 1,607 candidates would receive their degrees during the convocation. Out of this, 119 are Ph D Degree awardees, 616 are M Tech and other Post Graduate Degree awardees and 872 are B Tech Degree awardees. In each branch of Engineering, the topper of the B Tech class is awarded the Roll of Honour Gold Medal and the topper of all branches put together is awarded the Institute Gold Medal.

Apurva Bhardwaj of Chemical Engineering would receive the Institute Gold Medal in the convocation for being the student with the highest CGPA among all the branches of Engineering.

The Convocation ceremony will be telecast live on the official YouTube link: https://youtu.be/pcIopgfIB1u, Twitter & Facebook page of the institution.

సాంకేతిక నిపుణులకు కొదువ లేదు

- కేంద్ర విద్యాశాఖ మంత్రి రమేష్ పోక్రియాల్
- ఘనంగా నిట్ 18వ స్నాతకోత్సవం



ఆవిష్కరణలో ప్రసంగిస్తున్న కేంద్ర మంత్రి రమేష్ పోక్రియాల్



ఈ- అవతార్ రూపంలో డాక్టరేట్లను ప్రదానం చేస్తున్న దృశ్యం

ملک میں تکنیکی ماہرین کی کوئی کمی نہیں: رمیش پوکریال

ورنگل میں این آئی ٹی کی 18 ویں سالانہ تقریب۔ مرکزی وزیر تعلیم کا خطاب



The 18th convocation of the National Institute of Technology (NIT), Warangal, was held in a virtual mode on 22/10/2020. Union Education Minister Ramesh Pokhriyal Nishank inaugurated the ceremony and addressed the students. Convocation is a significant occasion when students embark on the expedition of taking the fruits of education to the outside world, Union Education Minister Dr Ramesh Pokhriyal Nishank said, addressing as the chief guest at the 18th NITW convocation 2020

He also inaugurated the newly constructed Pandit Madan Mohan Malaviya Teaching Learning Centre, Visvesvaraya Skill Development Centre and the Sardar Vallabhai Patel Guest House at the intitutes campus and laid the foundation for the Rudrama Devi ladies hostel complex.

Infosys Founder NR Narayana Murthy, the guest of honour, called graduation a watershed event in one's life, where students make a commitment to themselves and the Indian society to become intelligent, informed, disciplined, enthusiastic and committed agents of progress. Murthy quoted American basketball legend Michael Jordan and said 'Talent wins games, but Teamwork wins championships' and said a professional should seek to gather new knowledge, new data, keep his talent sharp, his intellect and skill sharp but at the same time conforming to his value system.

The convocation, organised using motion cap augmented reality virtual technology, was attended by a record number of 1,607 students. On the occasion, the Minister presented the institute gold medal to Apurva Bhardwaj of Chemical & Engineering for scoring the highest CGPA. Seven other students also received gold medals from distinguished guests.

OPJEMS Scholarships

OPJEMS team is happy to share the names of the students who have cleared all phases of assessments successfully and are selected as one of the scholars for OPJEMS 2020.

As part of scholarship award scholars will receive

- A Medal
- A Certificate
- Prize money of Rs. 80,000/-

S.No.	Student Name	Department	Year
1	ANAMIKA PRAMOD MALI	CIVIL	4
2	VAMSI BALAM	MECHANICAL	2
3	RISHIK BHARADWAJ BOINAPALLY	METALLURGICAL	3

PAN NIT HSSRC

Conference Chair: Dr. Madhavi Kesari

Organising Secretary: Dr. B.Spoorthi, Dr.P.Madhumathi, Dr. R. Vennela



The First Pan-NIT Humanities and Social Sciences Research Conclave (HSSRC) was inaugurated on, 8th January 2021 on an online platform. The conclave served as a platform for Humanities and Social Sciences researchers, practitioners and educators to present and discuss the most recent innovations and trends in the fields of Humanities and Social Sciences, organised by **the Department of Humanities and Social Sciences of National Institute of Technology Warangal**, in collaboration with **14 other NITs**.

With over 100 registrations, 86 papers, 6 Invited talks, 2 Panel Discussions and 2 Plenaries, the Research conclave, deliberated on methodologies in Humanities and social sciences research, reviewed the curricula, along with the new facets of research with special emphasis on the development of the creative potential of each individual. The invited talks emphasised that education must develop not only cognitive capacity-but both the fundamental capacities of literacy and numeracy and higher-order cognitive capacities such as critical thinking and problem solving.

Highlights of the HSSRC 2021:

· Directors from Six NIT's actively participated in the panel discussion 'Director's Dialogue' deliberating on NEP 2020 and its challenges.

· The Heads of the departments of Humanities and Socia1 Sciences from 14 Collaborating NIT's participated in open forum discussions and discussed the current research trends in Humanities and Social Sciences

· The Conference deliberated upon key research areas in line with NEP 2020, proposed by the Government of India and developing actionable research agenda

· It created scope to identify new emerging areas of research in all the areas of specialization in Humanities and Social Sciences.

· Laid special emphasis on Multi Lingual languages, with due importance to Regional languages.

· Emphasis on teaching Mathematics and Sciences in Local languages giving importance to higher order skills (HOTS) including the development of cognitive skills have been reiterated.

Patents

- Suresh Periyannan, K. Balasubramaniam, Waveguide Technique for the Simultaneous Measurement of Temperatures Dependent Properties of Materials. (Under US patent granting process, Granted, **US Patent no: US 10,794,870 B2, 6 Oct 2020**.

- Patent has been granted to Prof Shirish H. Sonawane group, Department of Chemical Engineering for an invention entitled "PROCESS FOR PRODUCTION OF NANO SIZE IRON OXIDE PIGMENT" **patent no.354749.**



- Prof. A Venu Gopal, Department of Mechanical Engineering and team were granted patent for an invention entitled "Hovomarine" , **Patent no.355952**



- Dr.U.S.N.Raju and Team, An Electronic-Filling of Deposit and Withdrawal Form (E-FDWF) Device for Visually Impaired and Illiterate People in Banks, **Journal Number- 46/2020**, Journal Date- 13/11/2020- IPO (filed)

Projects

- Dr.Raghuram Kadali and Dr Saladi S.V. Subbarao " Evaluation of Transit Oriented Development (TOD) and Its Association with Travel Behaviour and Gentrification Using Big Data Analytics" Funded (Rs.46.24) under DST/GTA " India-Taiwan Programme for Cooperation, Date: 31-12-2020

- Dr. T Vinay Kumar, " Investigation and Implementation of Model Predictive Control Strategies to a Multi- Phase Permanent Magnet Synchronous Motor for Photo-Voltaic based Hybrid Electric Vehicle Applications with Reduced Torque Ripple", Rs. 22 Lakhs (DST- SERB, EEQ/2020/000072, Oct. 2020)

- Dr. Palash Mishra, "Design and development of silicone rubber nano micro composites for outdoor insulation structure in harsh environments", Rs. 24.3 Lakhs (DST-SERB, SRG/2020/000826, Oct. 2020)

- Dr. Deepak Reddy P, "Convex optimization based economic and stable operation of micro-grid system", Rs. 30 Lakhs (DST-SERB, SRG/2020/002557, Oct. 2020)

- Dr. Damera Vakula (PI) Associate Professor, Department of ECE and Dr. Gande Arun Kumar (Co-PI) Assistant Professor, Department of ECE, were sanctioned a project titled "Modelling and Simulation of Wide-band Vivaldi Antenna Array for UAV Applications", sponsored by UTS, Hyderabad. Sanctioned Amount: Rs. 1.00 Lakh.





- Dr. Srinath S, Associate Professor from Department of Chemical Engineering was sanctioned a project titled "Process intensification of etherification reactions using hybrid processes: experimental and simulation studies "worth of Rs. 1.5 Lakhs Sponsored by SERB under Vrithika scheme.

- Dr. CHANDRAMOHAN V.P., Associate Professor, Mech, Development of active cooling for avionics, Rs. 14.39 Lakh, Research Centre Imarat (RCI), DRDO, Hyderabad, India, Contract agreement no: RCI/CMM/LP2/5800000066.

- DR.N.Kishore Babu (PI), Dr.T.Mahesh Kumar, Dr.GVS Nageswar Rao(Co-PI) " Understanding the Role of Hydrogen in Titanium Alloy Weldments", Rs. 48.23796 Lakhs, Aeronautics R&D Board, DRDO, New Delhi.

- Dr.U.S.N.Raju & Dr.Chapram Sudhakar, Compiler Design: Digital Lab Record, Rs.1.25 Lakhs, TLC , NIT Warangal

- Prof. M. Ravinder Reddy is sanctioned a project entitled "A study on social security for women in unorganised sector" in India from ICSSR (Project Number: 127/ICSSR-SRC/2020)







- Dr.V.Rama Devi and Dr.T.Rahul are sanctioned a project titled "Transition to Remote Learning Due to Covid19 – The Experiences of Faculty of Higher Education Institutions in India from ICSSR (Project Number: ICSSR/285/11/2021-22)
- Prof. Shirish H. Sonawane and Dr. Dr. Shyam P are sanctioned a project titled "entitled "Demonstration of Technology for treatment of rain harvested water lakes in Warangal Telangana State" Rs.44,41,997/- Department of Science & Technology, Government of India

Books and Book Chapters

- V.K Manupati et al (2020) "An integrated Fuzzy MCDM approach to supplier selection – Indian automotive industry case", Computational Management: Applications of Computational Intelligence in Business Management" Springer, Germany.
- V.K Manupati et al (2020) "Challenges faced and preparedness of Agriculture supply chain during COVID-19", Management and Industrial Engineering (Springer Book series) Accepted.
- V.K Manupati et al., (2020), "Introduction to Additive Manufacturing and Industrial Revolution 4.0", Accepted.
- V.K Manupati et al., (2020) "Energy efficient network manufacturing system using controlled elitist non-dominated sorting genetic algorithm". Proceedings of International conference of Mechatronics and Cyber-mixmechatronics. Springer, PP-188-206.
- G.Amba Prasad and T.Karthikeya Sharma "Enginee Emission Control Technologies, Design Modifications and pollution mitigation techniques", CRC Press.
- Syed Abu Sayeed Mohammed and **Arif Ali Baig Moghal** (2021). Nanomaterials-Based Solidification/Stabilization of metal-contaminated soils. Editor(s): Abdellatif Amrane, Dinesh Mohan, Tuan Anh Nguyen, Aymen Assadi; *Nanomaterials for Soil Remediation*. Amsterdam, Netherlands, pp. 385-407. ISBN: 978-0-12-822891-3. https://doi.org/10.1016/B978-0-12-822891-3.00018-9
- Dr. Mohammad Farukh Hashmi, Department of ECE has published a book chapter, "Voice-Controlled Biped Walking Robot for Industrial Applications", in Innovations in the Industrial Internet of Things (IIoT) and Smart Factory, IGI Global, ISBN: 9781799833758.
- Surajbhan Sevda and Garlapati VK, Sharma S, Sreekrishnan TR (2020) Potential of High Energy Compounds: Hythane Production.In: Delivering Low-Carbon Biofuels with Bioproduct Recovery (Dr Lakhveer Singh & Dr. Durga Madhab Mahapatra, Eds), Elsevier, USA, 2021, pp: 165-176) (ISBN: 9780128218419). https://doi.org/10.1016/B978-0-12-821841-9.00007-4
- Bahaa Hemdan, S. Bhuvanesh, Surajbhan Sevda (2020) Low Carbon fuels and electro-biocommodities .In: Delivering Low-Carbon Biofuels with Bioproduct Recovery (Dr Lakhveer Singh & Dr. Durga Madhab Mahapatra, Eds), Elsevier, USA, 2021, pp: 143-164) (ISBN: 9780128218419). ttps://doi.org/10.1016/B978-0-12-821841-9.00004-9
- Garlapati VK, Naha S, Sharma S, Goswami P, Surajbhan Sevda (2020) Electro-active biofilms (EAB): Role in a Bioelectrochemical System for wastewater treatment and Bioelectricity generation. In: Microbial Biofilms: Properties and Applications in the Environment, Agriculture, and Medicine (Abdul Bakrudeen Ali Ahmed, Ed), Taylor and Francis, CRC Press, USA. pp.207-226 (ISBN: 9780367415068)
- M. Venkatesh Naik, Niraj Kumar Chaudhary, Srinivasan Pradabane, "Charging Infrastructure and Storage Systems for Electric Vehicles, LAP Lambert Academic Publishing", February 2021, Latvia, ISBN-13: 978-620-3-41050-1, ISBN-10: 6203410500, EAN: 9786203410501.

Conferences Organised

- Vijaya Kumar Manupati , International Conference on Evolution in Manufacturing (ICEM - 2020) 10th-12th December 2020, Organised by Department of Mechanical Engineering, Malaviya National Institute of Technology (MNIT) Jaipur, Rajasthan, in association with NIT Uttarakhand and NIT Warangal.

- The First Pan-NIT Humanities and Social Sciences Research Conclave (HSSRC) was inaugurated on, 8th January 2021 on an online platform. The conclave is a platform for Humanities and Social Sciences researchers, practitioners and educators to present and discuss the most recent innovations and trends in the fields of Humanities and Social Sciences, and is being organised by the Department of Humanities and Social Sciences of National Institute of Technology Warangal, in collaboration with 14 other NITs.

Faculty Development Programmes

- Online FDP on "Artificial Intelligence for building signal processing applications" 7-11 December, 2020, 48 participants, organized by Dept. of ECE and TEQIP-III, Prof. T. Kishore Kumar (coordinator), Dept. of ECE.

- Manjaiah M, Gangadharudu Talla, "Teaching and learning of advances in manufacturing", 30th November – 4th December, 2020, Department of Mechanical Engineering in association with TLC, NIT Warangal, Pandit Madan Mohan Malviya National Mission on Teachers and Teaching Scheme

- "Universal Human Values (UHV for Student Induction Program)" during 02nd – 07th November 2020, coordinated by Dr. Y. Chandrasekhar, Asst. Professor, EED, Dr. R. Arockia Kumar, Asst. Professor, MME, Dr. Hari Kumar Voruganti, Assoc. Professor, MED, Prof. M. Sailaja Kumari, EED

- A Five-Day AICTE sponsored AICTE Training and Learning Academy Programme(ATAL) on Productivity Enhancement titled 'Technology, Industry and Education 4.0 (TIE 4.0)' was organised by the Department of Humanities and Social Sciences, NITW on an online platform, during 03-07 November 2020.Coordinator:Dr.B.Spoorthi.

- Prof. CSRK Prasad, Dr.Venkiah Chowdhary, Dr.S.Shankar, Transportation Engineering Industry Expert Talks (TEIET- 2020), sponsored by TEQIP-III

- Prof. CSRK Prasad, Dr.Raghuram Kadali, A Five Day FDP on Road Safety Issues and Challenges, sponsored by TEQIP-III, December 07-11, 2020

- Prof. M.Chandra Sekhar, One week FDP- "Composting Technologies for Municipal Waste", ATAL Academy, Jan 4-8,2021.

- Dr.Sridhar P, Dr.P.Venkateswara Rao, Dr.C.Sumanth, Dr.Venkaiah Chowdary, 6 Day FDP-"Effective teaching & Learning Practices for Management of Solid Waste", January 18-23,2021.

- Five Day online INDO-US National SPARC Workshop on POWER CONVERSION TECHNOLOGIES FOR RENEWABLE ENERGY AND MICRO-GRID APPLICATIONS, during 02nd – 06th March, 2021 (As part of MoE (MHRD) funded SPARC research project P1392). Key Resource Person: Prof. Subhashish Bhattacharya, Professor & Foreign-PI, SPARC Project, FREEDOM Center, Electrical & Computer Engineering, North Carolina State University, USA. Dr. B. L Narasimharaju, Associate Professor, & Indian Principal Investigator, EED; Dr. A. V Girdhar, Assistant Professor & Indian, Co-Principal Investigator, EED; Dr. Ch. Ramulu, Assistant Professor & Indian, Co-Principal Investigator, EED

- Teaching Learning Center, NIT Warangal sponsored Five-Day Online Faculty Development Program on "Effective Teaching and Learning practices in Computational Biology" was organised during 15th – 19thMarch 2021. Coordinators: Dr. Perugu Shyam, Dr. Anbumathi P, Department of Biotechnology, NIT Warangal.

- A Six Day Faculty Development Program on "Effective Teaching and Learning of Modern Drug Discovery Process" was organized by the Department of Chemistry in Association with the Teaching Learning Centre of NIT Warangal during 4-9 March, 2021. Coordinators: Dr. D. Kashinath and Dr. V. Rajesh Kumar

- A Six-Day Online Faculty Development Programme on "Effective Teaching and Learning of Power Converters for Electric Vehicles" was organized by Department of Electrical Engineering in association with Teaching Learning Centre, NIT Warangal during 1st – 6th March, 2021. Coordinators: Dr. P. Srinivasan, Dr. S. Porpandiselvi, Prof. N. Vishwanathan and Prof. M. Sailaja Kumari.

- A Six-Day Online Faculty Development Programme on "Teaching and Learning of Power Converters and Control Techniques for Renewable Energy Systems" was organized by Department of Electrical Engineering in association with Teaching Learning Centre, NIT Warangal during 8th – 13th March, 2021. Coordinators: Dr. D. Swati, Dr. S. Porpandiselvi, Prof. N. Vishwanathan and Prof. M. Sailaja Kumari.

- A Six-Day Online Faculty Development Programme on "Effective Teaching and Learning of Modern Electric Drives" was organized by the Department of Electrical Engineering in association with Teaching Learning Centre, NIT Warangal during 15th – 20th March, 2021. Coordinators: Dr. P. Srinivasan, Prof. V.T. Somasekhar and Dr. A. Kirubakaran.

- A Six-Day Online Faculty Development Programme on "Effective Teaching and Learning of Techniques for Monitoring, Protection and Control of Microgrids" was organized by the Department of Electrical Engineering in association with Teaching Learning Centre, NIT Warangal during 18th – 22nd February, 2021. Co-ordinators: Dr. Y. Chandrasekhar, Dr. Altaf QH Badar, Dr. P. Srinivasan and Prof. M. Sailaja Kumari.

- A Six-Day Online Student Training Programme on "Teaching and Learning of Open-source simulation software-SCILAB" was organized by the Centre for Educational Technology in association with Teaching Learning Centre and Department of Electrical Engineering, NIT Warangal during 10th – 14th March, 2021. Co-ordinators: Dr. S. Porpandiselvi, Dr. Y. Chandrasekhar, Dr. P. Srinivasan and Dr. P. Deepak Reddy.

Invited Talks

- Prof. N.V.Ramana Rao, AICTE Sponsored Two Week online Faculty Development Program (FDP) on Advanced Computing in Civil Engineering (ACCE) (16-Nov-2020 to 28-Nov-2020) Series-1 Advanced Computational tools in Structural Modelling and Analysis & Transportation and Traffic systems

- Prof. C.S.R.K.Prasad, AICTE Sponsored Two Week online Faculty Development Program (FDP) on Advanced Computing in Civil Engineering (ACCE) (16-Nov-2020 to 28-Nov-2020) Series-1 Advanced Computational tools in Structural Modelling and Analysis & Transportation and Traffic systems

- Prof. P.Ratish Kumar, AICTE Sponsored Two Week online Faculty Development Program (FDP) on Advanced Computing in Civil Engineering (ACCE) (16-Nov-2020 to 28-Nov-2020) Series-1 Advanced Computational tools in Structural Modelling and Analysis & Transportation and Traffic systems.

- Dr. Manish Pandey, one-week online international training program on "Water Resources Modelling'' from 08-12 February 2021. Lecture 3: Hydraulics of open channel flow & turbulence study in open channel flow

- Dr. V. Vamsi Krishna, invited webinar on "Watershed Management" as part of Center of Excellence, Natural Resource Management, CMRIT Bangalore on 23-December-2020

- Dr Arif Ali Baig Moghal, Delivered invited talk titled "Compaction Delay Effect on Stabilized Plastic Fines" for "International Conference & Exposition on Mechanical, Material and Manufacturing Technology (ICE3MT2020)" through Zoom Platform on 10 October 2020 (9.15 to 11.15 AM IST). Host Institute: CVR College of Engineering, Hyderabad, India.

- Dr.T.P.Tezeswi, AICTE Sponsored Two Week online Faculty Development Program (FDP) on Advanced Computing in Civil Engineering (ACCE) (16-Nov-2020 to 28-Nov-2020) Series-1 Advanced Computational tools in Structural Modelling and Analysis & Transportation and Traffic systems.

- Dr.T.P.Tezeswi, invited talk- " Modelling of Polymer Composites and Cementitious materials", 2 week AICTE Sponsored FDP on "Advanced Computing in Civil Engineering", Department of Civil Engineering, VNR Vignana Jyothi Institute of Engineering & Technology, 16th Nov 2020 – 28th Nov 2020.

- Dr.T.P.Tezeswi, invited talk- "ANN for Structural Health Monitoring of Structures" AICTE Sponsored One week Online STTP on "Applications of Neuro-Fuzzy Techniques in Civil Engineering", 9th to 14th November, 2020, Department of Civil Engineering, MVSR Engineering College, Nadergul, RR Dist.

- Chinthala Sumanth, Invited talk on "Four orders of Nature" as a Part of UHV programme conducted to Students of RGUKT Srikakulam on December 19, 2020

- Chinthala Sumanth, Invited talk on " The Department of Civil Engineering, K.S.R. College of Engineering is organizing as one Week Online AICTE Sponsored STTP as "Forum on nurturing Clean-Water and Green-Waste" From 28.10.2020 to 04.11.2020 (Phase-II) through Google Meet platform.

- Dr. K. Gopikrishna, Invited Talk- "" Concept and Application of Weighted Residual Finite element method",AICTE sponsored online Short-Term Training Programme(STTP) on "Advances in Finite Element Methods for Industry & Research Applications", 23rd to 28th November 2020, Department of Civil engineering, Vasavi College of engineering, Hyderabad.

- Dr. K. Gopikrishna, Invited Talk- "Importance of R factor in seismic capacity assessment of RC buildings", AICTE Sponsored STTP on Numerical & Experimental Seismic Analysis of Typical Structures, during 14th to 19th December 2020, by Department of Civil Engineering,SRIT, Ananthapur.

- Prof. G. Rajesh Kumar, Invited talk on 'Special Concrete in sustainable construction', International Online Training Program for Graduating and Alumni Students on "Sustainability and Advances in Built

- Environment" (SABE-2020), Department of Civil Engineering, Middle East College (MEC), Sultanate of Oman 22-Dec 2020

- Dr. P. Hari Krishna, invited talk on "Importance of Geotechnical Engineering in Civil Engineering applications, Telangana Academy for Skill and Knowledge (TASK) in association with NIT Warangal and Smart InfrEST, on 9th February 2021.

- Dr. P. Hari Krishna, invited talk on "Value Education - Its Importance in modern education, Forum for Science and Spirituality Discourses on 25th November 2020.

- Dr. Manohar Kakanuri had given an invited lectures on the topics "Carbon-based anode materials for lithium-ion batteries" and "Fabrication and testing of rechargeable batteries at lab scale" for the FDP on "Renewable and clean energy conversion technologies" Organized by JNTUA, Anantapur on 5th and 6th January 2021.

- Prof. Anand Kishore delivered a lecture on "Implementation of Biomedical Waste (BMW) Management Rules - 2016 by Health Care Facilities (HCFs)"of Mahabubabad District at District Collectorate, Mahabubabad on 24th November, 2020 in collaboration with Regional Office Warangal, Telangana State Pollution Control Board (TSPCB).



- Prof. Anand Kishore delivered a lecture on "Compliance of Biomedical Waste (BMW) Management Rules - 2016 by Health Care Facilities (HCFs)" of Jangaon District at District Collectorate, Jangaon on 9th December, 2020 in collaboration with Regional Office Warangal, Telangana State Pollution Control Board (TSPCB).



- Prof. Anand Kishore delivered a lecture on "Personality Development" in the Induction program for 1st year B. Tech students of University College of Engineering, Kothagudem, and Kakatiya University on 11th December, 2020.

- Prof. Anand Kishore delivered a lecture on "21st Century Chemistry and Chemical Engineering" in the Bridge course for 1st year B. Tech students of University College of Engineering & Technology for Women (Self Finance), Kakatiya University on 21st December, 2020.

- Dr. Asit Kumar Khanra, Associate Professor & HOD ,Delivered an Online lecture on "Teaching Materials Engineering with Innovative Analogy" 02/ 11/ 2020 at NIT Rourkela

- Dr. Ekta Goel, delivered an expert lecture on "Short Channel Effects and their remedies for advanced Nano scaled MOS devices" on 16/12/2020, at Guntur, Andhra Pradesh.

- Dr. Kalpana Naidu delivered an expert lecture on "Resource allocation in Heterogeneous Networks" on 17/11/2020, at NIT Andhra Pradesh.

- Dr. Gande Arun Kumar delivered an expert lecture on "RF Receiver architectures", on 08/10/2020 at Vardhaman College of Engg. Hyderabad.

- V.K.Manupati, Deliver a key note on "Design of Experiments in Engineering – TOPSIS method", AICTE Sponsored one week Online Short- Term Training Programme (STTP) on 19th Nov 2020, organized by department of Mechanical Engineering, BVRIT.

- V.K.Manupati ,Deliver a key note talk on "INDUSTRY 4.0 FOR SMART MANUFACTURING SYSTEMS", AICTE sponsored STTP on multidisciplinary competency training on mechanical engineers organized by department of mechanical engineering of sri krishna college of engineering and technology, Coimbatore

- V.K.Manupati,Deliver a key note talk on "Use cases of Production systems and Supply chain using Machine Learning", on 06.11.2020 AICTE sponsored STTP on multidisciplinary competency training on mechanical engineers organized by department of mechanical engineering of sri krishna college of engineering and technology, coimbatore

- Prof. N. Vishwanathan delivered a Guest Lecture at NIT Warangal on 05.01.2021 on "Modelling of DC-DC Converters" in the FDP on "Applications of Power Electronics to Renewable Energy sources and Power Quality Improvement Devices".

- Prof. M. Sailaja Kumari delivered a expert lecture in AICTE sponsored STTP on "Renewable Energy Development in Deregulated Power Market: Future Scenario", 12-17th October 2020 organized by Jayamukhi Institute of Technological sciences, Warangal. The title of the talk is "Transmission Congestion Management", through an online webinar, on 12th October 2020.

- Prof. M. Sailaja Kumari delivered a lecture on "Violence - a Universal challenge" in 'ALL India women's conference on International day for elimination of violence on women' held on 22 November 2020.

- Prof. M. Sailaja Kumari delivered a lecture on 'Universal Human Values' on 4th December 2020, in the TLC workshop on "Teaching and Learning of Advances in Manufacturing Technologies" 30th November - 4th December 2020 organized by Dept. of Mechanical Engineering, NIT-Warangal.

- Prof. M. Sailaja Kumari delivered a lecture on 'Universal Human Values' on 28 December 2020, in the TLC workshop on "Teaching and Learning Strategies of Differential Equations and Applications in Science and Engineering" 28th December 2020 – 1st January, 2021 organized by Department of Mathematics, NIT Warangal.

- Prof. M. Sailaja Kumari delivered a lecture in the Online Faculty Development Program (FDP) on "Introduction to Smart Grid (ITSG) - (Phase I)", KDK college of Engineering, Nagpur sponsored by AICTE, New Delhi, 23rd Nov. 2020 to 5th Dec. 2020 on 30th November 2020. Title of the talk is "Role of Market, consumers and Utilities in Smart Grid".

- Prof. M. Sailaja Kumari delivered a lecture in the Online Faculty Development Program (FDP) on "Introduction to Smart Grid (ITSG) - (Phase II)" by KDK college of Engineering, Nagpur Sponsored by AICTE, New Delhi, 7th to 18th Dec. 2020 on 18th December 2020. Title of the talk is " Role of Market, consumers and Utilities in Smart Grid"

- Dr. G Siva Kumar delivered a lecture on "Energy Management control by Grid-Connected Inverter of Solar PV and BES System", in AICTE Training and Learning (ATAL) Sponsored Online Faculty Development Programme on "Energy Storage" 27th Oct 2020 – 31st Oct 2020 by Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kancheepuram

- Dr. Altaf Q. H. Badar delivered on "Smart Home Energy Management Systems" at NIT Silchar, Silchar. September 09, 2020 (Online)

- Dr. Altaf Q. H. Badar delivered on "Optimization Techniques in Power Systems", at LNCT, Bhopal. December 02, 2020 (Online)

- B L Narasimaraju, Associate Professor, EED, delivered a invited expert Talk on "Power Management Systems in Electric Vehicles: Power Converters & Control Techniques", at TEQIP-III sponsored Five-Day online FDP on "Power Electronic applications in Electric Vehicle and Energy Storage" is scheduled from 25-29 January 2021, NIT Surathkal, Karnataka.

- Chandramohan V.P., Associate Professor, Mech Engg., given an expert talk on 'CFD and its applications on drying industries', One Week Online STTP on Recent Advances in Fluids and Thermal Engineering (RAFT-2021), 15th March 2021, For Dept. of Mechanical and Aerospace Engineering, Institute of Infrastructure, Technology, Research and Management (IITRAM), Near Khokhara Circle, Maninagar East, Ahmedabad, Gujarat 380026.

- Chandramohan V.P., Associate Professor, Mech Engg., given an expert talk on Unsteady Heat Conduction, TEQIP-III Training Program on Essentials of Salient Subjects in Thermal Engineering (ESSTE - 2021), Mar 15 – 19th March 2021, National Institute of Technology Karnataka, Surathkal & Engineering College Jhalawar, Rajasthan.

- Dr. D. Kashinath, Associate Professor, Department of Chemistry delivered an invited talk on "Synthesis of heterocyclic molecules using Bismuth, Iron, Copper, Zinc and based nanoparticles as recyclable heterogeneous catalysts in aqueous medium" in the Two Days Virtual International Conference on "Molecules to Materials" (MTM - 2020) organized by the Department of Chemistry, SVNIT Surat, during December 17-18, 2020

- Dr. D. Kashinath, Associate Professor, Department of Chemistry delivered an invited talk on "Green and Sustainable Chemistry" in the Two Days Virtual International Seminar on "Sustainable Chemistry for Future" organized by the Department of Chemistry, TP College, Madhepura, BNMU-Darshan Parishad, Bihar, during September 9-10, 2020

- Dr. Soumya Lipsa Rath, Assistant Professor, Department of Biotechnology, gave an online oral presentation at the International conference on COVID-19 Drug and Diagnostic Developments organized by Sciinov, New Jersey, United States on 6th February, 2021.

- Dr S.Srinath, Associate Professor delivered an Expert talk on " Low temperature Pyrolysis of Biomass and Polymer Wastes: Challenges and Perspective", National Webinar sponsored by GUJCOST, DST and Government of Gujarat in association with P P Savani University,Surat , 5th February, 2021.

- Dr. Palash Mishra delivered an expert lecture on "Modern Insulation Designs", organized by Shri Ram Swaroop Memorial University, Lucknow

- Prof. A. Ramachandraiah delivered Lectures each on, 'Professional Ethics', 'Computer Animations and Virtual Experiments' in all 15 different FDps conducted by various Departments in association with TLC

- Prof. A. Ramachandraiah delivered Lectures on 'Quantum Chemistry Fundamentals' and 'Elements of NMR Spectroscopy' on FDPs conducted recently by the Dept of Chemistry

- Prof. A. Ramachandraiah delivered Invited Lecture on, 'High Capacitors and Other Electrochemical Energy Storage Devices' on 22-2-2021 on the 2-Day National Conference on 'Sustainable Technology & Development; Environmental Impact' held at KL University, Guntur, held during 22nd -23rd Feb., 2021

- Prof. A. Ramachandraiah delivered Keynote on 'Women in Science a Lopsided Empowerment' on 8th March, 2021 conducted by Future Teachers, Hyderabad

- DR.P.Ravi kumar, Moderator for Two Day International E-Conference on "Trends Issues and Development of Physical Education and Sports" under the aegis of NAPESS, DPE, Manipur University and Fit India Campaign Committee, during 30th & 31st July, 2020.

- Dr.P.Ravi Kumar, Resource Person delivered a Lecture on "Sustainability and Legacy in Sports: Challenges and Perspectives" in the IV International Conference (Webinar) at National University of Ukraine, KYIV, Ukraine during 26-27, November, 2020.

- Dr.U.S.N. Raju, Building Intelligent Applications with Deep Learning using Pytorch Big Image Data Processing using Deep Learning Techniques Rajalakshmi Institute of Technology, Chennai, Tamilnadu,10th October 2020

- Dr.U.S.N. Raju, Graphical System Design Approach for Signal and Image Processing Applications Big Image Data Processing using Deep Learning Techniques RVR&JC College of Engineering, Guntur, AP 7th November 2020

- Dr.U.S.N. Raju, Deep Learning in Image and Computer Vision Applications Big Image Data Processing using Deep Learning Techniques Sri Krishna College of Technology, Coimbatore, Tamilnadu,9th November 2020

- Dr.U.S.N. Raju, Implementation of Artificial Intelligence for Solving Digital Signal and Image Processing Problems Big Image Data Processing using Map Reduce Vidya Jyothi Institute of Technology, Hyderabad, Tamilnadu 20th November, 2020

- Dr.U.S.N. Raju, Machine Learning Application in Image Processing Supervised Learning applications in Image Processing Indira Gandhi Delhi Technical University for Women, New Delhi24th November 2020

- Dr.U.S.N. Raju, Webinar Big Image Data Processing using Deep Learning Techniques JNTUA, Anantapur, AP 4th December 2020

- Dr.U.S.N. Raju, Artificial Intelligence for Building Signal Processing Applications Big Image Processing using Deep Learning Dept. of ECE, NIT Warangal,9th December 2020

- Dr.U.S.N. Raju, Formal Languages and Automata Theory Formal Language and their role in Compiler Design Dept. of Mathematics, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu14th December 2020

- Dr.U.S.N. Raju, Data Science for Big Data Analytics in Cloud using Advanced Tools Big Data Processing using Hadoop AICTE-Dept. of CSE, Chaitanya Bharathi Institute of Technology, Hyderabad 15th December 2020

- Dr.U.S.N. Raju, Deep Learning in Image and Computer Vision Applications Big Image Data Processing using Deep Learning Techniques Sri Krishna College of Technology, Coimbatore, Tamilnadu 18th December 2020

- Dr.K.Madhavi delivered expert lecture on 'Stress Management and Emotional Intelligence' on 06-11-2020, in a one - week short term course on "Soft Skills and Professional Ethics" organized by UGC-Human Resource Development Centre, JNTUH from 03-11-2020 to 07-11-2020.

- Dr.K.Madhavi conducted a workshop on 'Developing Academic Writing Skills in a Classroom Context, in a three-day National Webinar organised by the Dept. of English and co-hosted by American Corner, St Francis College for Women, Hyderabad on 5th November, 2020.

- Dr.K.Madhavi delivered expert lecture online on 'Global Research of OECD Learning' in in a Five Day ATAL FDP on Productivity Enhancement titled 'Technology, Industry and Education 4.0 (TIE 4.0) an AICTE funded program, organised by the Department of Humanities and Social Sciences, National Institute of Technology, Warangal from 03 -07 November 2020.

- Dr.Raja Vishwanathan delivered a webinar on 6th January 2021 to students of Telangana Tribal Welfare Residential degree college for Women titled : " Strategies to improve communication skills "

- Dr.Raja Vishwanathan delivered a webinar on 23rd December 2020 to students of St.Martins Engineering College on " Teachers in the Digital Age" as part of three FDP on " the knowhow of teaching learning and progresisve research methods''

- Dr.B.Spoorthi, AR/VR in Education – AICTE Sponsored ATAL FDP on AR/VE organised by RYMEC, Ballari on 21st September 2020

- DR.B.Spoorthi, Technological Advancements and Paradigm Shifts in Education – AICTE Sponsored STTP on AR/VR (phase 1) organised by Sri Krishna Institutions, Coimbatore on October 22 2020

- Dr.B.Spoorthi, AR/VR and beyond: Developments in Education 4.0 – AICTE Sponsored STTP on AR/VR (phase 2) organised by Sri Krishna Institutions, Coimbatore on 2nd November 2020

- Dr.B.Spoorthi, Enhancing Communication skills – Induction Program for first year students, Sri Sairam Engineering College, Chennai on 21st November 2020

- Dr.B.Spoorthi, Writing Grant Proposal – AICTE Sponsored ATAL FDP on Research Methodology Indian Institute of Information Technology, Nagpur on 4th December 2020

- DR.B.Spoorthi, Successful Writing (Hands-on Session) – AICTE Sponsored ATAL FDP on Research Methodology by Indian Institute of Information Technology, Nagpur on 4th December 2020

- DR.B.Spoorthi, English Technical Communication - Induction Program for first year students organised by Matrusri Engineering College, Hyderabad on 10th December 2020

- Dr.R.Vennela, Invited Speaker on the topic 'Mentoring Skills for facilitating Classroom based Teacher Research', 27th December 2020, English Language Teachers Association, Telangana.

- Dr.R.Vennela,Invited Speaker on the topic 'Using Archival Evidence in Language Research' in Centre for Comparative Literature Lecture Series, 8th December 2020, University of Hyderabad.

- Dr.R.Vennela, Resource Person on the topic 'Using software for qualitative analysis', in "Refresher Course in English Language Teaching'', organized during 2nd-14th November 2020 by UGC Human Resource Development Centre, University of Hyderabad.

- Dr.R.Vennela, Invited Speaker on the topic 'Language Policy in India: An Overview'', 07th November 2020, Centre for English Language Studies, University of Hyderabad.

Guest Talks by Foreign Experts

- Dr.Hans Lobel, Pontifical Catholic University of Chile, 7th webinar on- "Quantification of Urban Space Perception by Means of AI and Discrete Choice Models", 31st Oct 2020. Transportation Division.

- Dr. Tomer Toledo, Technion – Israel Institute of Technology, 8th webinar on "Simulation-based design and optimization of signal control plans", Nov 20th 2020. Transportation Division.

- Prof. George Yannis, National Technical University Athens (NTUA) , 10th Webinar- "Road Safety Challenges in Digital Era", Nov 27, 2020. Transportation Division.

- Prof. Lin Jen-Jia, NTU, -TERT2020, 11th Expert Talk on"Metro -Induced Gentrification & Inclusive TOD", Dec 4th, 2020, Transportation Division.

- Prof. Shankar Venky, Texas Tech University, 12th Webinar, "Opportunities for modeling pedestrian exposure in urban environment", Dec 11th, 2020, Transportation Division.

Awards, Outreach, Achievements & Distinctions



Prof. Shirish Sonawane

- Indian Institute of Chemical Engineers (IIChE) announced "Hindustan Dorr-Oliver Award" to Prof Shirish H. Sonawane, Department of Chemical Engineering for Excellence in Use of Science & Technology in Rural Development for the year 2020

- Dr.Brahma Raju, IIM Best Non-Ferrous Paper Medal from papers published in TIIM 2019 (IIM Honours & Awards 2020). Paper: Modeling and characterization of porous Tantalum scaffolds, Transactions of the Indian Institute of Metals 72(4):935-949 (2019).

- Prof. Anand Kishore become a member of Subject Expert Committee for the intermediate course on "Painting & Decoration Technology" to be offered by State Institute of Vocational Education (SIVE), O/o Commissioner of Technical Education, GoT & Board of Intermediate Education, Telangana State.

- Prof. Anand Kishore become a member of Expert Committe of evaluating District Level Exhibition & Project Competition (DLEPC) – INSPIRE Awards – Million Minds Augmenting National Aspiration and Knowledge (MANAK) – Ministry of Education, GoI.

- Dr.Brahma Raju ,Reviewer appreciation certificate from IIM for the excellent review of manuscripts submitted to Transactions of the Indian Institute of Metals (October and November 2020; January 2021)

- M.V.Raghunadh ECE, Editorial Board Member of International Refereed Journal of Engineering Science and Technology (IRJEST)

- Dr. P Muralidhar initiated talks with ARM limited and ARM Limited has donated 180 MDK Keil Licenses to MC & EC Lab for online Labs.

- In the 5th International Conference on "Soft Computing : Theories and Applications (SoCTA -2020)" held during Dec 25-27, 2020 and organized online by NIT-Jalandhar and Society of Soft Computing and Research, The paper entitled, " Job Scheduling On Computational Grids Using Multi Objective Fuzzy Particle Swarm Optimization" authored by Prof Debashis Dutta and Subhabrata Rath received the "BEST INNOVATIVE PAPER AWARD" .

- Vijaya Kumar Manupati Program Committee Member ICCM-2020 organized by IIMT, Bhubaneswar, Dec 19-20, 2020, Bhubaneswar, India. http://interscience.ac.in/ICCM2020/program.php

- Vijay Kumar Manupati, International Scientific Committee member for ICIE 2020: Manufacturing, Management for sustainable collaborative I4.0 oriented Manufacturing systems (3M_S&C I4.0)

- Prof. V. T. Somasekhar, participated in the BOS meeting for KITS-Warangal on 12th November, 2020 to decide the structure & syllabus for M.Tech. –Power Electronics.

- Prof. V. T. Somasekhar, participated in the common UG (R20) BOS meeting for JNTU-Kakinada at 09.30 A.M on 25th November, 2020.

- Prof. M. Sailaja Kumari participated in the BOS meeting for KITS-Warangal on 12th November, 2020 to decide the structure & syllabus for M.Tech. –Power Electronics.

- Prof. M. Sailaja Kumari participated in the 14th meeting of the Board of Studies in Electrical and Electronics Engineering Department of R.V.R & J.C College of Engineering, Chowdavaram, Guntur on 19.11.2020 (Thursday) to discuss and finalize R-20 regulations for UG program in EEE.

- Tutorial Chair, Dr. B. L. Narasimharaju, Associate Professor, EED, NIT Warangal, IEEE PEDES-2020, Power Electronics Drives and Energy System 16-19 December 2020 Jaipur, Rajasthan, India, MNIT, Jaipur.

- Track Chair & Member, Technical Program Committee, Dr. B. L Narasimharaju, Associate Professor, EED, NIT Warangal, IEEE PEDES-2020, Power Electronics Drives and Energy System 16-19 December 2020 Jaipu Rajasthan, India, MNIT, Jaipur.

- Session Chair at "International Conference on Smart Technologies for Energy, Environment & Sustainable Development (ICSTEESD-20)", GHRCE, Nagpur. December 05, 2020 by Dr. Altaf Q. H. Badar

- Prof. A. Ramachandraiah, participated as Expert Member for 3 Engg Colleges. (a. GVP College of Engg. Vishakhapatnam, on 30-12-2020; b. GP College of Engg., Kurnool on 3-1-2021 and c. NSRITechnology, Sontyam, AP on 9-3-2021)

- Prof. A. Ramachandraiah , Expert Member for the AICTE Evaluation and Verification Committee Meetings (8 in total, held during October, 2020 and january, 2021; Details not shared due to Confidentiality) organised by the AICTE West Region, Mumbai, AICTE South WEst Region, Banagaluru)

- Prof. A. Ramachandraiah , Phone in Interviews on matters of Science and ISRO's Space Programmes on TV Channels on National Science Day, 28th Feb., 2021

- Prof. A. Ramachandraiah served as Chairman, Institute Level Working Group on Teaching Learning and Resource Working Group, constituted by the Director; delivering a 1-Hour Report on the Strategies from the Committee.

- Chinthala Sumanth, working on finalizing and implementing the United Nations Decade of Family Farming (UNDFF) Regional Action Plan (RAP) and also for supporting the UNDFF process at national level in Near East North Africa (NENA) countries

- Chinthala Sumanth, participated in the e-launch of UNDFF Regional Action Plan for the Near East and North Africa on November 24th, 2020.

- Dr.T.P.Tezeswi, Reviewer for SERB Grant Proposals, December 2020.

- Dr.K.Madhavi was nominated as Expert Committee Member, to participate in Expert Visiting Committee, Meetings Online, appointed by Western Regional Office, All India Council for Technical Education, during Dec., 2020.

- Dr.K.Madhavi was invited as a member BOS meeting, at Pullaiah College of Engineering Kurnool on 04-01-2021.

- Dr.K.Madhavi was invited as a member BOS meeting, at KSRM College of Engineering Ananthapuram on 28-12-2021

- Dr.K.Madhavi was invited as a member BOS meeting, at, JNTU Vizianagaram, on 11-12-2020.
- Dr.K.Madhavi was invited as a member BOS meeting, at Geetanjali College of Engineering, Cheeryala, Hyderabad on 27-10-2020
- Dr.K.Madhavi was invited as a member BOS meeting, at Vaagdevi College of Engineering, Bollikunta, Warangal on 24-11-2020.
- Dr. Raja Vishwanathan took part in BoS meeting of Vardhaman College of Engineering (autonomous) on 9-11-2020.
- Dr. Raja Vishwanathan took part in BoS meeting of Gayatri Vidya Parishad College of Engineering(autonomous), Vizag on 27 December 2020
- Dr. P.Madhumathi is selected as External Reviewer for the journal 'The Contour'
- Dr.P.Madhumathi is selected as External Doctoral Committee member for Mr. K Teenesh doing PHD in IIIT Trichy
- Dr. R. Vennela acted as Reviewer, TESOL International Journal, E-ISSN:2094-3938, Scopus Indexed
- Prof. Anand Kishore become an Editor-in-Chief of International Journal of Chemical and Molecular Engineering.
- Prof. Anand Kishore, Editorial Board Member of Blue Eyes Intelligence Engineering and Sciences Publication (BEIESP).
- Prof. Anand Kishore, Editorial Board Member of an International Chemical Engineering Open Access Open Journal of SOAOJ publishing.
- Dr.P.Ravi Kumar, Board of Studies in Physical Education, Kakatiya University since January, 2020.

Faculty Development Programmes (CCE)

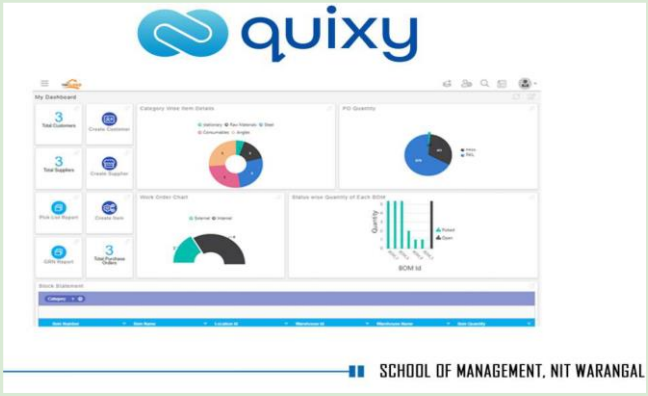
S. No	Topic	Month	Attended	Coordinators	Department
1	Internet of things and Machine Learning	26-30 October 2020	**50**	Dr. Raju Bhukya	CSE
2	Advances in Biological, Biochemical, Biomedical and Bioenergy (AB 4)	09-13 November, 2020	**72**	Dr. K.Narasimhulu Dr. M.Jerold	Biotechnology
3	Machine Learning for Intelligent Systems	01 - 05 December, 2020	**60**	Dr. Raju Bhukya	CSE
4	Machine Learning for Data Science using Python	14 - 23 December, 2020	**70**	Dr. Venkateswara Rao Kagita Dr. M. Sandhya	CSE
5	Machine Learning Models for Disease Diagnosis: A Practical Approach	20 - 24 December, 2020	**51**	Dr. Ramalingaswamy Cheruku Dr. Ilaiah Kavati	CSE
6	Internet of Things and its Applications	21 - 25 December, 2020	**55**	Dr. Raju Bhukya Dr. Prabhakar M	CSE, NITW. School of CSE, REVA University-Bangalore
7	Applications of Power Electronics to Renewable Energy sources and Power Quality Improvement Devices	04 - 09 January, 2021	**83**	Dr.G. Siva Kumar Dr. D. Sreenivasarao	EED

Short Term Training Programmes (CET)

Centre for Educational Technology organized a One-week online STTP on "MOODLE Learning Management System" during 4th -8th January, 2021, in association with Department of Mechanical Engineering and Department of Computer Science and Engineering. This program was coordinated by Dr. G. Venkatesh, Dr. Ilaiah Kavati and Dr. M. J. Davidson. This program was conducted for the faculty of technical institutes to enable them handling the online educational requirement arising out of Covid-19 pandemic. Faculty members of reputed institutes from different states of the country have participated.

Workshops

Business Process Automation with Quixy's No-code platform



Quixy hosted an online half day workshop entitled business process automation with Quixy's No code Platform on 6th November, 2020 to the students of School of Management, NITW through Zoom call, the main objective was to spread awareness that no code platform can create marvels. There were around 70 participants. The agenda began with the overview of what actually a Business Process Automation meant and it then was carried away by integrating the Business Process Automation with Quixy's no code.

- 2nd October 2020 - Mr. Arvind Kumar (Chief Executive Officer, Dukes India) Topic: Opportunities don't happen, You Create them & they are always outside your comfort zone
- 3rd October 2020 - Dr. Rahul Thangeda (Assistant Professor, National Institute of Technology, Warangal) Topic: What makes you a perfect MBA graduate?
- 1st Nov, 2020 - Capt Pranav Prasoon (VP and Country HR Head, Renault India) Topic: What's Your Why?
- 15th Nov, 2020 – Harshal Fuse (Founder, InterrnIn) Topic: Challenges in entrepreneurship and how to hire the right talent for your start-up.



Republic Day Celebrations





NITW INSTITUTION BUILDING LECTURE SERIES (IBLS) AND NITW INSTITUTE POPULAR LECTURE SERIES (IPLS)

(Coordinated by Prof K V Jayakumar, Advisor – Special Programmes)

During the Lockdown period due to Covid Pandemic, it was decided to make use of the time to expose our faculty and staff to distinguished speakers online. Two series of lectures were planned:

(i) NITW Institution Building Lecture Series (IBLS), wherein eminent leaders who have carved out a name for building up intuitions of excellence in the field of Science and Technology are invited to address and motivated the faculty members; and

(ii) NITW Institute Popular Lecture Series (IPLS), wherein people who have excellent in different spheres of life are invited to talk of various popular topics to the faculty, non-teaching staff, families, students.

3 Institution Building Lectures and 5 Institute Popular Lectures were arranged during this period. The details of the various lectures are:

NITW INSTITUTION BUILDING LECTURE SERIES (IBLS)

	Name of the Speaker and affiliation	Date	Topic
IBLS - 1	Prof V Ramgopal Rao, Director, IIT Delhi	07.08.2020	**Creating a Culture of Innovation in Our Academic Institutions - Challenges and the Way Forward**
IBLS - 2	Prof Sanjay G Dhande, former Director, IIT Kanpur	28.08.2020	**Institution Building with Excellence**
IBLS - 3	Prof P Seshu, Founder Director, IIT Dharwad	17.10.2020	**Anecdotes from Institutes of Eminence"**

NITW INSTITUTE POPULAR LECTURE SERIES (IPLS)

	Name of the Speaker and affiliation	Date	Topic
IPLS -1	Dr G C Kavitha, Executive Director Centre for positive Learning, Hyderabad, India	10.07.2020	**Navigating Happiness and Well-Being During Covid 19**
IPLS -2	Dr Devdas Menon, Professor of Civil Engineering IIT Madras	14.08.2020	**What Do We All Really Want in Life?**
IPLS -3	Ambassador Syed Akbaruddin	11:09:2020	**Technology and Diplomacy – Challenges For India**
IPLS -4	Dr J B Joshi Former Director and JC Bose Fellow Emeritus Professor of Eminence Indian Institute of Chemical Technology Mumbai	26.09.2020	**Wealth Generation for India Through Science And Technology**
IPLS -5	Shri K Jayakumar, IAS Former Chief Secretary Director, Institute of Management Government of Kerala	10.10.2020	**Simple Life and Its Moral Imperative**

Pen – Sketches of the Speakers

NITW INSTITUTION BUILDING LECTURE SERIES (IBLS)



Prof. V. Ramgopal Rao is currently the Director, IIT Delhi. Before joining IIT Delhi as the Director in April 2016, Dr. Rao served as a P. K. Kelkar Chair Professor for Nanotechnology in the Department of Electrical Engineering and as the Chief Investigator for the Centre of Excellence in Nanoelectronics project at IIT Bombay. Dr. Rao has over 450 research publications in the area of nano- scale devices & Nanoelectronics and is an inventor on 40 patents and patent applications, which include 15 issued US patents.

He is a recipient of the Shanti Swarup Bhatnagar Prize in Engineering Sciences in 2005 and the Infosys Prize in 2013. Dr. Rao also received the Swarnajayanti Fellowship award from the Department of Science & Technology, IBM Faculty award, Best Research award from the Intel Asia Academic Forum, TechnoMentor award from the Indian Semiconductor Association, DAE-SRC Outstanding Research Investigator award, NASI-Reliance Platinum Jubilee award, J.C.Bose National Fellowship, Prof. C.N.R.Rao National Nanoscience award, VASVIK Award.

Dr. Rao served as the Chairman, IEEE AP/ED Bombay Chapter and as a Vice-Chairman, IEEE Asia Pacific Regions/Chapters sub-committee for two terms. He was the first elected Chairman for the India section, American Nano Society during 2013-2015.



Prof Sanjay Dhande is an eminent educationist who was the Director of the Indian Institute of Technology Kanpur for two consecutive terms. Prof. Sanjay Dhande is also the Chairman of Board of Governors of National Institute of Technology Delhi and National Institute of Industrial Engineering, Mumbai. With his academic and administrative vision, he formed the PDPM Indian Institute of Information Technology Design & Manufacturing, Jabalpur and the Indian Institute of Saddlery Technology and Export Management, Banther. He founded the Manindra Ecole Centrale College of Engineering at Hyderabad in the year 2014. Prof Dhande served as a member of Telecom Regulatory Authority of India and has also been a member of the Scientific Advisory Council to the Prime Minister of India.

Prof. Sanjay Dhande received his B.E. degree in Mechanical Engineering from University of Pune and his Doctoral degree from Indiana Institute of Technology, Kanpur. Prof. Sanjay Dhande has worked in the field of Computer Aided Design, Rapid Prototyping, Rapid Tooling and Reverse Engineering. He developed AUTOLAY, an innovative CAD technology, for the Indian Aeronautical Development Agency, which is used by several aircraft manufacturers around the world.

Prof. Sanjay Dhande is an innovative technologist, acclaimed academician, an eminent researcher and an able administrator. He was Elected as Fellow of the Indian National Academy of Engineering in the year 2002. He is a Fellow of the Institttuion of Engineers (India). For his outstanding contribution in the field of technical education, he was conferred the Padma Shri award in the year 2013.



Prof P. Seshu completed his B.Tech in Mechanical Engineering from NIT Warangal in 1984, M.Tech in 1986 and PhD in 1989, both from IIT Madras. Prof Seshu briefly served as Scientist in DRDL, Hyderabad from 1984 to '85. He has been serving as faculty of IIT Bombay from the year 1989.

He was heading **CSIR Centre for Mathematical Modelling and Computer Simulation (C-MMACS)** during 2010-2014 and was also the Director of group of CSIR Labs called the Information Science Cluster. Prof. Seshu was instrumental in setting up the then India's largest CPU based supercomputer in the Institute and nurturing "computational science" in CSIR. Under his leadership, CSIR C- MMACS has been repositioned as **CSIR Fourth Paradigm Institute (CSIR-4PI)** focusing on high end computing and big data science. Prof. Seshu also served as the Dean (Mathematical and Information Sciences), AcSIR from 2012-14.

His research interests are primarily in Computational Mechanics with applications in biomedical engineering, robotics, smart structures and vehicle dynamics. He has been involved in several sponsored R&D and consultancy projects and has published extensively in National/International Journals and Conferences. He was a visiting scientist to Universities in USA, Germany and UK.

Extremely popular among students, Prof. Seshu has won the IIT Bombay Excellence in Teaching Award twice in 2004 and 2008, Prof. Jaganmohan Memorial Award twice in 2009 and 2016, and the DP Joshi Award in 2016 -- all the awards based on students' evaluation. His widely referred textbook on Finite Element Analysis has been included as recommended prescribed text book in AICTE model curriculum 2018.

As the **Founder Director of IIT Dharwad**, Prof. Seshu has nurtured a receptive and flexible learning environment in the Institute that encourages well rounded development of the students. Under his thoughtful leadership, the Institute has emphasised a 360^0 approach to multi- disciplinary R&D with social relevance by its highly qualified faculty which has resulted in sponsored research projects worth several crores and more than 125 international journal publications.

NITW INSTITUTE POPULAR LECTURE SERIES (IPLS)



Dr. GC Kavitha known as the "Happiness Woman" is the Executive Director for Centre for positive learning and National Coordinator, Wellness for India CoWin Action Network. She is also a motivational speaker, Counselling Psychologist, certified psychometric test professional and pedagogy expert. She conducts exclusive happiness sessions in the name of "Happiness is your birth right" and has touched 1.5 lakh lives through these sessions. She has been recognised as Dhasu Womaniya by NITI AYOG, Government of India and was nominated for the prestigious Christopher Peterson Gold Medal, the highest award from the International Positive Psychology Association (IPPA)-USA for the member who most exemplifies positive psychology at the personal, professional, and academic levels for the year 2015. She was nominated for the prestigious "Distinguished Contribution Award" by American Psychologists Association for the year 2018 for the contribution towards improvement of the Disabled society. Dr. Kavitha received Telangana Rashtra Sarwa Bhowma Award for the year 2018 for women empowerment-social impact in Telangana by the Government of Telangana.



Dr Devdas Menon is presently the Institute Chair Professor in the Department of Civil Engineering at the IIT Madras engaged in teaching, research and consultancy in structural engineering, and in developing a holistic approach in education, with emphasis on inner development and transformation. He received his B.Tech and PhD degrees from IIT Madras.

He teaches two popular elective courses at IIT Madras, Self Awareness and Integral Karmayoga and conducts workshops for students, teachers and corporate organisations on finding meaning and fulfillment in life. He is the author of "Spirituality at Work: The Inspiring Message of Bhagavad Gita" and Stop Sleepwalking through Life", in addition to "Reinforced Concrete Design", "Structural Analysis" and "Advanced Structural Analysis". His books have been well received and widely appreciated.



Ambassador Syed Akbaruddin ended his diplomatic assignment as the Permanent Representative of India to the United Nations on 30th April 2020 and has recently returned to India. In a diplomatic career spanning more than three decades, he represented India's interests in important capacities, promoting friendly ties across the globe.

As the Official Spokesperson of India's Ministry of External Affairs during 2012-2015, he is credited with the effective use of social media tools to considerably expand public diplomacy outreach.

An experienced multilateral diplomat prior to his assignment at the UN, Ambassador Akbaruddin, played a key role as the Chief Coordinator in the organization of the India-Africa Forum Summit held in October 2015 in New Delhi. All 54 African States that are members of the United Nations and the African Union participated in this milestone event in India-Africa ties.

Ambassador Akbaruddin also served as an international civil-servant at the International Atomic Energy Agency (IAEA) in Vienna from 2006-2011 as Head of the External Relations and Policy Coordination Unit and the Special Assistant to the Director-General of the IAEA. He has previously served at the Indian Mission to the United Nations as First Secretary (1995-98) during which he focused on UN Security Council Reform and Peace- Keeping. He was a member of the UN's apex body the Advisory Committee on Administrative & Budgetary Questions (ACABQ) during 1997-98.

Ambassador Akbaruddin served as Counsellor at the Indian High Commission in Islamabad (1998- 2000). During 2000-2004 he was the Consul General of India, Jeddah in the Kingdom of Saudi Arabia and prior to that was First Secretary in Riyadh and Second Secretary/Third Secretary in Cairo, Egypt. He is proficient in Arabic.

Ambassador Akbaruddin has a Master's Degree in Political Science and International Relations. He is married to Mrs. Padma Akbaruddin and they have two sons. He is an avid and passionate sports enthusiast.



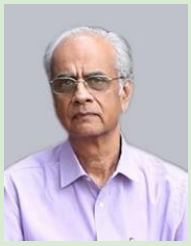
Dr Jyeshtharaj Bhalchandra Joshi, presently Emeritus Professor of Eminence Institute of Chemical Technology, Mumbai is an eminent chemical engineer, nuclear scientist, consultant and teacher, widely known for his innovations in nuclear reactor designs and generally regarded as a respected teacher. He is

Prof. Joshi has about 20 innovations to his credit. He has developed new and novel processes, designs, products and implemented in large, medium and small-scale industry. Designed more than 1000 reactors and extensively participated in Process intensification. He has increased capacities, quality and safety of more than 100 operating processes making them globally competitive. His designs are substantially lower in capital cost as well as operating cost and equivalent to

global standards in performance. His recommended design procedures are extensively used world-wide. All the implementations are in successful commercial operation.

American Chemical Society (ACS) during Centenary year selected him among the top 100 Research Scientists during the year 2007. He was recognised by the Engineering Council of India for his work with the Eminent Engineer Award in the year 2018 along with Mr Nandan Nilakeni

Prof Joshi is a fellow of the Third World Academy of Sciences (TWAS), Indian National Science Academy (FNA), Indian Academy of Sciences (FASc), Indian National Academy of Engineers (FNAE) and the National Academy of Sciences (FNASc)



Shri K Jayakumar is a senior Indian Administrative Service Officer (IAS), who retired as the Chief Secretary, Government of Kerala. After his retirement, he served as the founding Vice- Chancellor of Malayalam University and is presently working as the Director, Institute of Management, Government of Kerala.

After joining the Indian Administrative Service in the year 1978, he held various significant positions. He was responsible for transformation and emergence of modern Calicut while he served as the District Collector, Kozhikode. During his tenure as Director and later as Secretary, Tourism, he laid the foundations of modern tourism marketing and public private partnership in Kerala. That was the time when Kerala was branded as" God's Own Country". During his tenure as **Joint Secretary in Ministry of Culture**, Government of India, he was actively involved in the finalization of the UNESCO Conventions on Safeguarding of Intangible Heritage and Protection of Cultural Diversity. He was also instrumental in the successful and novel programme of the National Manuscripts Mission. As Secretary Devaswom and the Chairman of the High-Power Committee appointed by the Kerala High Court, he was responsible for the implementation of Sabarimala Master Plan and was instrumental in improving pilgrims' facilities at this world-renowned shrine. (from 2011 to 2017). He also served as a member on the Supreme Court appointed Committee for inventorization of the treasures of Sree Padmanabha Swamy Temple. He has also officiated for long as Director, Nehru Memorial Museum and Library, New Delhi, Director General, National Archives of India and Vice Chancellor, Mahatma Gandhi University.

Shri Jayakumar is poet, lyricist, author and painter. Authored 32 books in Malayalam and English including seven anthologies of poems. Translated Tagore, Kahlil Gibran, Rumi, Omar Khayyam and Kabir into Malayalam and Gitagovindam into English.

He has authored an authentic book: 'Kerala: A Poem in Green and Gold'(2005) and another on Malabar Malabar: The Gateway to India' (2019). He has written overr 400 songs in Malayalam including songs in over 100 Malayalam films. He has directed a children's film –Varnachirakuka-and scripted a few documentaries, an English film and television serials. A self-trained painter, he held 15 solo shows in India and abroad including Seoul (South Korea), Delhi, Mumbai, Hyderabad, Chennai and Kochi.

He won several awards for his lyrics, poems and public service. Some of them are the Asianet award, Kerala Sangeet Nataka Academy award, Bharanikkavu Sivakumar award, KPS Menon award for excellence in public administration, Mar Gregarious award for positive contribution in public life, Vayala Vasudevan Pillai award for combining creativity in administration

In News

The research of Prof. P. Ratish Kumar and his PhD student Nikhil Degloorkar was highlighted in a national newspaper



INDIAN EXPRESS HYDERABAD

WARANGAL MONDAY 25.01.2021

NIT-W on a path to crack ancient mortar recipe

Researchers aim to find out the materials used in the masonry of heritage monuments so that compatibility issues do not arise during restoration

AIMIA SUR @ Hyderabad

THROUGH the centuries, the composition of lime plaster, a type of plaster widely used for construction or restoration of archaeological structures, has undergone a change. This is because it is hard to figure out the materials that went into the creation of this mortar, apart from there being a difference in quality of raw materials over time.

As a result, archaeologists and conservation architects often find compatibility issues between the original lime plaster used in the construction of a structure and the new lime plaster while carrying out restoration works, leading to formation of cracks in the structure.

To mitigate this problem, researchers from National Institute of Technology (NIT), Warangal, have embarked on a long term study of the microstructure of lime plaster used in the masonry of heritage monuments such as the Ramappa Temple in Warangal, so that they can figure out what kind of raw materials were used to make the plaster. They aim to figure out the recipe and create a new mortar using those materials.

The research, underway for the past one and a half years, is being undertaken by research student Nikhil Kumar Degloorkar and professor Ratish Kumar Panchareithi, both from National Institute of Technology Warangal.

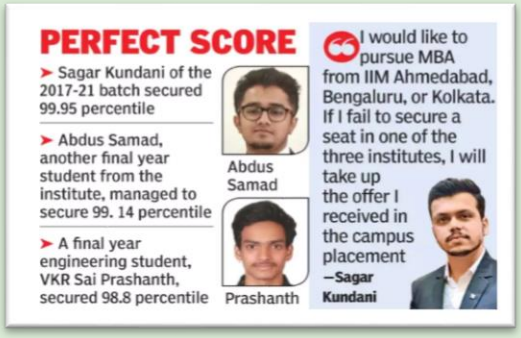
Speaking to *Express*, Panchareithi said, "For restoration purposes, we have to understand what kind of mortar was used for construction. In order to understand that, we have to do a complete microstructure characterisation. Through our research on Ramappa Temple, we have identified several materials that were used to make that mortar. We are trying to create a new mortar from those materials."

Kumar and Panchareithi's research includes the study of various types of mortar from structures such as Warangal Fort and Ramappa Temple. Recently they published the findings from their study on the above-mentioned structures in a report titled 'Investigation of microstructure characterisation of mortars from 800-year-old heritage structures in southern part of India'.

The study, accessed by *Express*, shows that Kumar and Panchareithi found the presence of calcite is common rock-forming mineral) and quartz is hard, crystalline mineral composed of silicon and oxygen atoms) through various techniques such as X-ray diffraction analysis, Through X-ray fluorescence spectroscopy, they also found that the mortar did not contain magnesium oxide, a compound that is found in modern-day mortars.

Through our research on Ramappa Temple, we have identified several materials that were used to make that mortar. We are trying to create a new mortar from those materials

Ratish Kumar Panchareithi, professor at NIT Warangal



PERFECT SCORE

- Sagar Kundani of the 2017-21 batch secured 99.95 percentile
- Abdus Samad, another final year student from the institute, managed to secure 99. 14 percentile
- A final year engineering student, VKR Sai Prashanth, secured 98.8 percentile

Abdus Samad

Prashanth

I would like to pursue MBA from IIM Ahmedabad, Bengaluru, or Kolkata. If I fail to secure a seat in one of the three institutes, I will take up the offer I received in the campus placement
—Sagar Kundani

CED B.Tech student Mr. Sagar Kundani (2017-2021 batch) scores 99.95 percentile in CAT



శనివారం అక్టోబరు 3, 2020

ముగిసిన 'ఫిట్ ఇండియా' క్యాంపెయిన్

నిట్‌క్యాంపస్, న్యూస్‌టుడే: కేంద్ర విద్యా మంత్రిత్వ శాఖ ఆదేశాను సారం నిట్‌లో రెండు వారాలుగా జరుగుతున్న ఫిట్ ఇండియా ఉద్యమ ప్రచార కార్యక్రమం శుక్ర వారం మొక్కలు నాటే కార్యక్రమంతో ముగిసింది. నిట్ వ్యాయామ విద్యా విభాగం, ఐక్యిన్-3 విభాగాలు సంయుక్తంగా నిర్వహిస్తున్న ఫిట్ ఇండియా కార్యక్రమంలో 2 కే రన్, స్ట్రెత్రింగ్, యోగా కార్యక్రమాలు చేశారు. నిట్ క్యాంపస్‌లోని ప్రాజెక్ట్ ఇంజినీర్ కార్యాలయం ఆవరణలో మొక్కలు నాటారు. ఈ సందర్భంగా నిట్ డైరెక్టర్ ఆచార్య ఎన్.వి.రమణారావు మాట్లాడుతూ 'ఈట్ మన్ ప్లాంట్ మన్' అనే నినాదంతో నిట్‌లో మొక్కలు నాటడంతో పాటు వాటిని సంరక్షించి అది తక్షణ సమయంలో మియావాకి తరహా చిట్టడవిని సృష్టించాలని తెలిపారు. నిట్ వ్యాయామ విద్యా విభాగం ఆచార్యులు పి.రవికుమార్, ఐక్యిన్-3 కో-ఆర్డినేటర్ ప్రొఫెసర్ వేణుమాధవ్, సీనియర్ ప్రొఫెసర్లు, డీన్లు,

నిటిలో మొక్కలు నాటిన ఉద్యోగులు



నిట్‌లో జోసా అవగాహన సదస్సు

కాజీపేట అర్బన్: వరంగల్ అర్బన్ జిల్లా కాజీపేటలోని నేషనల్ ఇన్స్టిట్యూట్ ఆఫ్ టెక్నాలజీ (నిట్)లో ఆదివారం జోసా-2020 (జాయింట్ సీట్ అలొకేషన్ అథారిటీ) ఆన్‌లైన్ అవగాహనా సదస్సు నిర్వహించారు. ఈ సందర్భంగా నిట్ డైరెక్టర్ ఎన్వీ రమణారావు మాట్లాడుతూ.. నిట్ క్యాంపస్‌లో మూడేళ్లుగా జేఈఈలో అర్హత సాధించిన విద్యార్థులకు జోసాపై అవగాహన కల్పిస్తున్నట్లు తెలిపారు. ఒక సామాజిక బాధ్యతగా ఈ సదస్సును నిర్వహిస్తున్నట్లు చెప్పారు. నిట్ అడ్మిషన్స్ జైర్ పర్సన్ కేఎన్ కాశీవిశ్వనాథం, డీన్ అకడమిక్ ప్రొఫెసర్ వేణుగోపాల్ జోసా కౌన్సెలింగ్‌పై పవర్ పాయింట్ ప్రజెంటేషన్ చేశారు. విద్యార్థులు, వారి తల్లిదండ్రుల సందేహాలను ఆన్‌లైన్‌లో నివృత్తి చేశారు. కార్యక్రమంలో అసోసియేట్ డీన్ డాక్టర్ ఓరుగంటి హరికుమార్, ప్రొఫెసర్లు, తదితరులు పాల్గొన్నారు.

నిట్ డైరెక్టర్ ఎన్వీ రమణారావు



వరంగల్ నిట్ ఘనత

ప్రాచీన ఆలయాల పునర్నిర్మాణానికి ఉపయుక్తం

ate : 04/02/2021 EditionName : TELANGANA PageNo : 05



ఆన్‌లైన్ డిజిటల్ లైబ్రరీ సేవలు ప్రారంభం

నిట్‌క్యాంపస్, న్యూస్‌టుడే: కాకీయ సాంకేతిక సంస్థ (ఎన్‌ఐటీ) కేంద్ర గ్రంథాలయంలో ఆన్‌లైన్ డిజిటల్ లైబ్రరీ సేవలను నిట్ సంచాలకుడు ఆచార్య ఎన్.వి.రమణారావు శుక్రవారం ప్రారంభించారు. ఈ సందర్భంగా ఆయన మాట్లాడుతూ.. ఆన్‌లైన్ లైబ్రరీ సేవలు అధ్యాపకులు, పరిశోధకులు, విద్యార్థులకు ఉపయుక్తంగా ఉంటుందన్నారు. 24 గంటలు లైబ్రరీలో విద్యార్థులు ఉండే విధంగా తగిన ఏర్పాట్లు చేసే విధానాన్ని పరిశీలించాలని సిబ్బంది, అధికారులకు సూచించారు. నిట్ లైబ్రేరియన్ డాక్టర్ కె వీరాంజనేయులు మాట్లాడుతూ.. 48 కొత్త కంప్యూటర్లతో డిజిటల్ లైబ్రరీ సేవలను అందుబాటులోకి తీసుకొచ్చామన్నారు. ఈ కార్యక్రమంలో నిట్ రిజిస్ట్రార్ ఎస్.గోవర్ధన్‌రావు, డీన్‌లు కె.వి.జగన్నకుమార్, ఎస్.వీరాంజనేయ, పి.ఎస్.ఆర్.కె



డిజిటల్ లైబ్రరీని ప్రారంభిస్తున్న దృశ్యం



అడవిని సృష్టించారు!





కళాశాలలు, విభాగాల ఎంపికే కీలకం

- నిబంధనలు పాటిస్తూ కౌన్సెలింగ్‌కు హాజరు
- నిట్ డైరెక్టర్ ఆచార్య ఎన్.వి.రమణారావు



ఈనాడు

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ముగ్గురు మిత్రులు... కేంద్ర మంత్రిత్వశాఖ నుంచి ప్రశంసలు అందుకున్నారు... ఎవిబటీ స్వాతంత్ర్యంలో అందని మెచ్చుకోలు పొందారు... వాళ్లే 'పెక్ సై క్లాత్' అంకురసంస్థ వ్యవస్థాపకులు. ధనూరు బారిన పడకుండా నేతన్నల నుంచి నేరుగా వినియోగదారులకే పట్టుచీరలు అందేలా చేస్తున్నారు... అలా దేశవ్యాప్తంగా వేయిమందిని ఒక్కతాటిపై తీసుకొచ్చారు.... ఆ మిత్రబృందం దినేశ్, రామ్‌కృష్ణ్, అభిషేక్‌లతో ఈతరం ముఖాముఖి.

ఈనాడు

ఈతరం

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హైదరాబాద్, శనివారం అక్టోబరు 24, 2020

24

నేతన్నకు నచ్చేలా..

దేశం మెచ్చేలా!

అమెరికా నుంచి ఆర్డర్

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ఆన్‌లైన్ బోధన అనివార్యం: నిట్ డైరక్టర్ ఎన్.వి.రమణారావు

● మెషిన్ లెర్నింగ్‌పై ఎఫ్‌డీపీ ప్రారంభం



ఆన్‌లైన్ ఎఫ్‌డీపీని ఉద్దేశించి మాట్లాడుతున్న ఎన్.వి.రమణారావు

నిట్‌క్యాంపస్, న్యూస్‌టుడే: ప్రస్తుత పరిస్థితుల్లో విద్యారంగంలో ఆన్‌లైన్ విద్య బోధన అనివార్యమని వరంగల్ ఎన్ఐటీ సంచాలకులు ఆచార్య ఎన్.వి.రమణారావు అధ్యాపకులకు ఉద్బోధించారు. సోమవారం వరంగల్ నిట్ ఆధ్వర్యంలో 'మెషిన్ లర్నింగ్ ఫర్ ఎవీటీ అండ్ వేస్ట్ వాటర్ ట్రీట్‌మెంట్' అనే అంశంపై ఐదు రోజుల అధ్యాపక అభివృద్ధి ప్రోగ్రాం(ఎఫ్‌డీపీ)ను గూగుల్ మీట్‌లో నిట్ డైరెక్టర్ ప్రారంభించారు. కొవిడ్ మహమ్మారి విద్యారంగాన్ని ఆన్‌లైన్ మోడ్‌లోకి తీసుకువెళ్లిందని, అధ్యాపకులు సరికొత్త సాంకేతిక బోధనోపకరణాలను ఉపయోగించి మిసాళ్వంగా బోధించాల్సి ఉందన్నారు. ఆన్‌లైన్ బోధన అందరికీ చేరడం కోసం నిట్ నిరంతరం ప్రయత్నిస్తోందని చెప్పారు. ఎన్ఐటీ నిరంతర విద్యా కేంద్రం ఇన్‌చార్జి డాక్టర్ రాజుభుక్య మాట్లాడుతూ వృత్తిగతమైన అభివృద్ధికి అవసరమైన సాంకేతిక పరిజ్ఞానాన్ని నవీకరించడానికి అధ్యాపకులకు నిరంతర బోధనాధ్యయన అవసరమని తెలిపారు. నిట్ బోధనాభ్యసనకేంద్రం ఇన్‌చార్జి ప్రొఫెసర్ రామచంద్రయ్య, నిట్ ప్రొఫెసర్లు రంగకృష్ణ, అంబనీయులు, డాక్టర్ సతీష్‌బాబు, డాక్టర్ సురేశ్‌బాబు, డాక్టర్ శ్రీనివాస్, డాక్టర్ సురక్ తదితరులు పాల్గొన్నారు.

వరంగల్ నిట్‌లో 2 నుంచి ప్రేరణ శిక్షణ

నిట్‌క్యాంపస్, న్యూస్‌టుడే: వరంగల్ ఎన్ఐటీ 2020-21 విద్యా సంవత్సరంలో ప్రవేశం పొందిన బంగారు ప్రథమ సంవత్సరం విద్యార్థులకు ఈ నెల 2 నుంచి వారం రోజులపాటు ఆన్‌లైన్‌లో ప్రేరణ (ఇండక్షన్) శిక్షణ కార్యక్రమం నిర్వహిస్తున్నారు. శిక్షణలో వివిధ రంగాల ప్రముఖుల ఉపన్యాసాలు, మానసిక, శారీరక వికాసం పెంపొందించే కార్యక్రమాలు ఉంటాయని ఎన్ఐటీ విద్యార్థి వ్యవహారాల విభాగం డీన్ ఆచార్య జి.వి.రమణమూర్తి సోమవారం తెలిపారు. పూర్తి వివరాలు www.nitw.ac.in వెబ్‌సైట్‌లో పొందుపరిచామన్నారు. మరిన్ని వివరాలకు ఫోన్ ద్వారా ఆచార్య అంబటిసోమన్న తెలిపారు.

తయారీ రంగంలో మార్పులతో ఎన్నో అవకాశాలు

ఈనాడు

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సదస్సులో మాట్లాడుతున్న పార్థసారథి. చిత్రంలో వర్చువల్ ప్రొఫెసర్ జోష్ మెసిడో

నిట్‌క్యాంపస్, న్యూస్‌టుడే: తయారీ రంగంలో వస్తున్న మార్పులపై వరంగల్, బైజర్, ఉత్తరాఖండ్ ఎన్‌బటీలు సంయుక్తంగా ఆన్‌లైన్‌లో మూడు రోజుల అంతర్జాతీయ సదస్సును గురువారం ప్రారంభించాయి. ఈ సదస్సులో పాల్గొన్న వక్తలు సాంకేతిక సహకారంతో తయారీ రంగంలో స్థానిక ఉత్పత్తులకు ప్రాధాన్యమిచ్చి కొత్త తరం పారిశ్రామికవేత్తలకు సరికొత్త అవకాశాలు కల్పించాలని ఉద్ఘాటించారు. పోర్చుగల్ దేశం మిన్హో విశ్వవిద్యాలయానికి చెందిన ప్రొఫెసర్ జోష్ మెసిడో కొవిడ్-19 నేపథ్యంలో అంతర్జాతీయంగా తయారీ రంగంలో వస్తున్న మార్పులు గురించి వివరించారు. వరంగల్ నిట్ సంచాలకులు ఆచార్య ఎన్.వి.రమణారావు నిట్ యాంత్రిక విభాగంలో ప్రీడీ (ప్రింటింగ్, టూల్‌టెక్నాలజీ తదితర అంశాలపై చేపట్టిన విస్తృత పరిశోధనలను వివరించారు. పలువురు అధ్యాపకులు అంతర్జాతీయ స్థాయి పేటెంట్‌లను సైతం దక్కించుకున్నారని చెప్పారు. ఎన్ఐటీ యాంత్రిక విభాగం హెడ్ ప్రొఫెసర్ ఆడెపు కుమార్ మాట్లాడుతూ దేశంలోని విద్యా, పారిశ్రామిక సంస్థలతో ఎంవోయూలు కుదుర్చుకొని పలు సదస్సులు, చెవిసారథ్య, వర్చువాలులు నిర్వహించి తయారీ రంగంలో నూతన అవిష్కరణల కోసం వరంశోధనలు కొనసాగిస్తున్నట్లు చెప్పారు. అనంతరం సదస్సులో పాల్గొన్న అధ్యాయులు ఆన్‌లైన్‌లో పరిశోధన పత్రాలను సమర్పించారు. ఈ సదస్సులో బైజర్, ఉత్తరాఖండ్ ఎన్‌బటీల సంచాలకులు ఆచార్య ఆర్ వై ఉదయ్ కుమార్, ఆచార్య సతీష్‌కుమార్ పాల్గొన్నారు.

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Dr. Ramesh Pokhriyal Nishank
@DrRPNishank

NIT Warangal is on the path of progress since its inception.
I recently e-attended the 18th convocation of the institute and also laid the foundation stone of Rani Rudrama Devi Ladies Hostel's Complex and inaugurated few buildings on the campus.

Narendra Modi and 9 others
2:54 PM · 24 Oct 20 · Twitter for Android
25 Retweets 1 Quote Tweet 335 Likes

NIT-W alumni donate 100 laptops to poor students

STATE BUREAU
Warangal Urban

Prof NV RamanRao, Director NITW, appreciated the NITW Alumni and the faculty for their contribution to poor students in this pandemic situation

National Institute of Technology (NIT), Warangal, Alumni Association and teaching faculty of NITW distributed over100 laptops to poor students of NIT Warangal here on Thursday at NITW Auditorium.

Speaking on the occasion, Prof NV RamanRao, Director NITW, appreciated the NITW Alumni association and the teaching faculty for giving their contribution to poor students in this pandemic situation. "Nowadays, a laptop is more necessary than a book and pen to gain knowledge. Students are requested to utilise this in a proper way. If the students make use of this opportunity and work hard, the results would be fruitful," NV RamanRao, Director NITW, added.

Murali K. Gungi Secretary, NITW Alumni said that they had donated the laptops to needy NITW Students following the request from NITW Director Prof NV Ramana Rao.

"We took initiative to do the programme and above 100 laptops were given to needy students in a short period of time. Then the laptops were distributed," he added.

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నిట్‌లో శిక్షణ



మాట్లాడుతున్న నిట్ సంచాలకుడు ఆచార్య ఎన్.వి.రమణారావు

నిట్‌క్యాంపస్, న్యూస్‌టుడే: వరంగల్ జాతీయ సాంకేతిక విద్యా సంస్థ (ఎన్ఐటీ)లోని నిరంతర అధ్యయన కేంద్రం (నీసీఈ)విభాగం సోమవారం 'మెషిన్ లర్నింగ్ ఫర్ డేటా సైన్స్ యూసింగ్ పైథాన్' అనే అంశంపై పది రోజుల ఎఫ్‌డీపీ ఆన్‌లైన్ శిక్షణ కార్యక్రమాన్ని నిట్ సంచాలకులు ఆచార్య ఎన్.వి.రమణారావు ప్రారంభించారు. ఈ సందర్భంగా నిట్ సంచాలకుడు మాట్లాడుతూ టెక్నాలజీతో సరి కొత్త ఆవిష్కరణలను ఆస్వాదించాలన్నారు. సమాచారం (డేటా)లోని ముఖ్యమైన దోపాలు గుర్తించడం, పారిశ్రామిక రంగంలో మోసాలను నిరోధించడంలో మెషిన్ లర్నింగ్ టెక్నాలజీని ఉపయోగిస్తున్నట్లు తెలిపారు. కృత్రిమమేధ, సైబర్ సెక్యూరిటీ, మెషిన్ లర్నింగ్, ఐఓటీ, బ్లాక్‌చైన్ టెక్నాలజీ వంటి ఆధునిక సాంకేతిక పరిజ్ఞానాన్ని అందించేందుకు నిట్‌లో నీసీఈ విభాగం పలు ఎఫ్‌డీపీ శిక్షణ నిర్వహిస్తున్నట్లు నీసీఈ విభాగం ఇన్‌చార్జి డాక్టర్ భూక్యారాజు తెలిపారు. అనంతరం పలు టెక్నికల్ విభాగాలను నిర్వహించారు. శిక్షణలో కోర్సు సమన్వయకర్తలు డాక్టర్ సంధ్య, డాక్టర్ వెంకటేశ్వర్లు తదితరులున్నారు.

Date : 15/12/2020 EditionName : TELANGANA(WARANGAL)



Ministry of Education @EduM... · 22 Oct
He added that convocation does not mean that education is over, as the process of learning and teaching continues throughout life.

@DrRPNishank also congratulated @warangal_nit for its NIRF ranking of 2020.

Show this thread

Dr. Ramesh Pokhriyal Nishank · 22 Oct
मुझे खुशी है कि एनआईटी वारंगल ने 2020 की NIRF रैंकिंग में 19वां स्थान हासिल किया है,साथ ही कैम्पस प्लेसमेंट, इंजीनियरिंग तथा GATE, CAT, GRE आदि में भी इस संस्थान ने शीर्षतम स्थापित किए हैं।
@warangal_nit

సాంకేతిక వనరులను వినియోగించుకోవాలి

శంభునిపేట(నిట్‌క్యాంపస్), జనవరి 7 : విద్యార్థులు సాంకేతిక వనరులను వినియోగించుకోవాలని నిట్ డైరెక్టర్ ఎన్‌వీ రమణారావు అన్నారు. జాతీయ సాంకేతిక సంస్థ (నిట్)లో పూర్వ విద్యార్థులు (వరంగల్ అలూమిని చాప్టర్), అధ్యాపకుల ఆధ్వర్యంలో 100 లాప్‌టాప్‌లను అందించారు. గురువారం నిట్ ఆడిటోరియంలో నిర్వహించిన ఈ క్యాక్రమానికి నిట్ డైరెక్టర్ రమణారావు ముఖ్య అతిథిగా పాల్గొని మాట్లాడారు. ప్రస్తుత కరోనా పరిస్థితుల్లో కలం, పుస్తకం కన్నా ఆన్ విద్య అనివార్యమైందని ఈ పరిస్థితుల్లో పేద విద్యార్థులకు లాప్‌టాప్‌లు అందించటం పట్ల హర్షం వ్యక్తం చేశారు. ఈ కార్యక్రమంలో నిట్ అలూమిని సంఘం కార్యదర్శి మురళి కె.గుంజి, వరంగల్ చాప్టర్ అధ్యక్షుడు చంద్రగిరి శ్రీనివాస్, నిట్ స్టూడెంట్ వెల్ఫేర్ డీన్ ప్రొఫెసర్ రమణామూర్తి, అలూమినీ వ్యవహారాల డీన్ ప్రొఫెసర్ సెల్వరాజ్, రీసెర్చ్ అండ్ కన్సల్టెన్సీ ప్రొఫెసర్ రాజేశ్వర్‌రావు, వేణు వినోద్, డిప్యూటీ రిజిస్ట్రార్ డాక్టర్ పీవీ రావు పాల్గొన్నారు.

ఆంధ్రజ్యోతి Fri, 08 January 2021
https://epaper.andhrajyothy.com/

Over 590 NITW students get jobs

TELANGANA TODAY

STATE BUREAU
Warangal Urban

Over 130 students were picked up with packages offering more than Rs 20 lakh. Atlassian offered highest package of Rs 52 lakh to 2 students

Stating that the students of the National Institute of Technology (NIT), Warangal, were achieving great results in research and other areas, NIT Director Prof NV Ramana Rao on Tuesday said about 590 students had already been placed during the ongoing campus placements.

"Out of them, over 130 students have been picked up with packages offering more than Rs.20 lakh. After a long time, Apple selected two students, while the Atlassian offered the highest package of Rs 52.00 lakhs to two students," he said.

Prof Rao said the institute was ranked among the top 20 technical Institutions in the country as per the National Institute Ranking Framework [NIRF] India Rankings 2020 released by the Ministry of Education.

"Academics blended with Research and Consultancy is the need of the hour. The institute has been progressing well in this direction. A total number of 137 ongoing research projects worth Rs 41 cr are being carried out with funding from various agencies. Similarly, Patenting and Product-Development is another thrust area in the Institute's agenda for the future. I am happy to inform you that this culture of patents is picking up in our Institute; a few patents were granted and a large number of patents have been filed in this academic year. About Rs 3.5 crores worth of major projects from SERB, DST and IMPRINT were granted in the last few months," he added.

"The Department of Physics, NIT Warangal was sanctioned Rs 2.75 Crore from Department of Science and Technology (DST) under "Fund for Improvement of S&T Infrastructure in Universities and Higher Educational Institutions" Scheme in January.

The duration of the project is for five years (2020 - 2025). "Advanced equipment including Powder X-ray Diffractometer (XRD) and Field Emission Scanning Electron Microscope (FE-SEM) will be acquired from the funds," he said and added that an 'IMPRINT' project on "Design and Development of High Efficient Switched Reluctance Motor based Solar Photovoltaic (SPV) Water Pumping System (WPS)" worth Rs 78.954 Lakhs was sanctioned to a team of Faculty from the Institute led by Dr BL Narasimharaju, Prof DM Vinod Kumar, Prof S Srinivasa Rao, Dr AV Giridhar, of the EEEDepartment and Dr VV Mani, ECE.



Dr. Ramesh Pokhriyal Nishank
@DrRPNishank

Thank you, @warangal_nit for your wishes. This Award is for all the #education institutes & the citizens of India. I am deeply honoured!
#VatayanAwards

NIT WARANGAL @warangal_nit · 1h
Congratulations to Honorable @EduMinOfIndia @DrRPNishank for receiving prestigious Vataya life time achievement award.

3:04 PM · 19 Nov 20 · Twitter for Android
2 Retweets 26 Likes



ఈనాడు
epaper.eenadu.net

శనివారం దినంబులు పరీ, 2020

ఇంజినీరింగ్ విద్యార్థులకు పాఠాలు చెప్పే అధ్యాపకులాయి.. ఆరు నెలల పాటు తెలుగు మాధ్యమ పాఠాలకు క్రమం తప్పకుండా 2 పిల్లలతో కూర్చొని ఉపాధ్యాయులు చెప్పే పాఠాలు శ్రద్ధగా విన్నారు. విలువైన వివరాలను సేకరించారు ప్రపంచస్థాయి ఇంటర్ కాన్సెప్ట్ కోసం రూపొందించిన ఆ ప్రాజెక్టు ద్వారా భారత విద్యార్థులకే ఓ సందేశం ఇచ్చారు. దేశంలో ఆవిష్కరణ సంస్కృతిని పెంపొందించడానికి ఇంజినీరింగ్ విద్యార్థులు ఎంత ప్రతిభావంతులో ఈ ప్రాజెక్టు నిరూపిస్తోంది. ఇంటర్నెట్ ఆధారిత ఈ ప్రాజెక్టు ద్వారా ఇంజినీరింగ్ విద్యార్థులు తెలుగులో ఎంత పటిష్ఠంగా విద్యాభ్యాసం చేస్తున్నారో తెలుసుకోవడానికి ఇదొక చక్కటి అవకాశం.

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