राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल

National Institute of Technology Warangal



The Beacon Ray

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EVENTS

65th Institute Foundation Day



The 65th Foundation Day of the institute was celebrated on 10th October 2023. Distinguished alumni awards were presented. Faculty and Staff working with the institute for 25 years were felicitated.

Dr. Komal Kapoor, Chairman & Chief Executive, Nuclear Fuel Complex, shared the significance of Nuclear fuel in his address.





Prof. Bidyadhar Subudhi, Director, felicitating **Dr. Komal Kapoor**

Khadi Mahotsav

As part of the celebrations under Khadi mahotsav, a one day mini-exhibition was organised by Ek Bharat Shreshtha Bharat Club, NIT Warangal in association with Khadi and Village Industries Commission (KVIC), State office, Telangana.



Gandhi Jayanthi celebrations





Puneet Sagar Abhyan

NCC cadets from NIT Warangal participated in cleaning the surroundings of Wadepally Lake as part of the Puneet Sagar Abhyan campaign.



Meri Meti Mera Desh campaign

As part of Meri Mati Mera Desh campaign, 75 local plants were planted. The plantation area was named as Amrit Vatika. Later, Mitti and Rice were collected in pots and a pledge was taken by Prof. Bidyadhar Subudhi, Dirtector, Deans, Faculty and Students of the institute.







Spicmacay NITW

The event organised by Spicmacay NITW at ALC, NIT Warangal was a wonderful musical night with soul-stirring melodies as Pt. Ajay Prasanna, a three-time Grammy Award-nominated internationally acclaimed flautist, took center stage.



SWACHHATA CAMPAIGN

7thSwachhata campaign

Seventh Swachhata campaign was organised by Department of Chemical Engineering near Chemical Engineering and Biotechnology block.



8thSwacchata campaign

The 8th Swacchata campaign was organised at outreach Center, NIT Warangal. Cleanliness and plantation drives were organised. Students, staff and faculty participated in the event.



9thSwacchata campaign

NIT Warangal's commitment to cleanliness continues! As part of our Swacchata Campaign, the 9th Cleaning Drive was organised in the quarters at North campus.



Mahatma Jyoti Rao Phule Death Anniversary

NIT Warangal paid tributes to Mahatma Jyoti Rao Phule on his death anniversary.



Dr. Bhim Rao Ambedkar Death Anniversary

NIT Warangal paid homage to the father of the Indian Constitution, economist, social reformer, and political figure Bharat Ratna, Babasaheb Dr. Bhim Rao Ambedkar on his death anniversary.



Children's day

Ladies club, NIT Warangal organized a cultural program to celebrate Children's day, at Ambedkar learning Centre. Prof. Bidyadhar Subudhi, Director appreciated the kids for their wonderful performance.





100 5G Use Case Labs



Prime Minister Shri Narendra Modi awarded 100 '5G Use Case Labs' to educational institutions across the country. NIT Warangal is one among those that received the award of 5G Use Case Lab.



Prime Minister, Shri Narendra Modi addressed and awarded the 5G labs to 100 educational institutions through video conferencing.

Viksit Bharat@2047



NIT Warangal joins the Honourable Prime Minister's Address at the launch of Viksit Bharat@2047 at Raj Bhavan. The workshop organised post Prime Minister's address at Raj Bhavan helped in deliberating ideas on themes Empowering citizens, Innovation, Science and Technology.



Viksit Bharat @2047



NIT Warangal participated in the launch of #ViksitBharat2047 by the honourable Prime Minister.

Christmas Celebrations



The NITMAS23- Pre Christmas Celebrations were organized in the auditorium, NIT Warangal. This festive gathering brought together students, staff and faculty members of NIT Warangal to commemorate the spirit of Christmas.

Right To Information Act Lecture



As part of the lecture series on Vigilance Awareness, Shri. Rakesh Dubbudu, Transparency and RTI Campaigner in India, spoke on Right To Information Act.

R&D CONCLAVE

NIT Warangal organised R&D conclave and Industry Outreach programme during 15-16 December. Prof. Bidyadhar Subudhi, Director, NIT Warangal inaugurated the event. Prof. Tata Narsinga Rao, Director, ARCI gave an overview on Translational Research.





Prof. Bidyadhar subudhi, Director, NIT Warangal, Dr. Ramanuj Narayan, CSIR-IMMT, Bhubaneswar, Dr. S. Glory Swarupa, Director General, NIMSME, Dr.J. R. Joshi, Project Director, DRDL gave a clear road map of how NITs could showcase their innovations to the industries.



The innovations in R&D were showcased to industries at different stalls. Industry experts interacted with academia and have shown keen interest in adopting their technologies.

PATENTS



Prof. S.Porpandiselvi, Associate Professor Department of Electrical Engineering Cyclic on-off Control for a three-output inverter for Induction cooking application with Independent Control, 01.12.2023



Prof. Sonawane Shirish Hari Professor Department of Chemical Engineering, Process for Productin of Nano size Iron Oxide Pigment, 22.12.2023



Prof. V.T.Somaseskhar Professor Department of Electrical Engineering
A Multi swithc fault tolerant BLDC Motor Drives system for low Power Electric Vehicles, 22.12.2023

SPONSORED R & D PROJECTS



Prof. Rathish Kumar Pancharathi , Use of Fungi as a Construction Component for Prefabrication and Surface Treatment in the Built Environment, SPARC, Rs. 43,85,725



Prof. Sreehari Rao Patri, High Precision Interfacing Circuits for Capacitive based sensors for Defense Applications, MEITY, Rs. 8,25,000



Prof. Porpandiselvi S, Design and Development of an Integrated Soft-switched CC-LED Driver based Solar LED Lighting System, SPARC, Rs. 41,35,550



Prof. Shirish Hari Sonawane, Smart polymeric nanoparticles based delivery system for the delivery of Anti tuberculosis drug, SPARC, Rs. 25,79,550



Prof. Raghu Raja Pandiyan Kuppusamy, Combinatorial Approach to Predict Synergistic Ablation Behaviour of Hybrid Nano-Filled Phenolic-Carbon Composites under Aerodynamic Loading through Experimentations and Process Model Simulations, SPARC, Rs. 45,42,908



Prof. Seshagiri Rao Ambati, Advanced Control of Complex Pharmaceutical Processes, SPARC, Rs. 48,90,243



Prof. Ramsagar Vooradi, Development of low cost indigenous oxygen carriers with high red-ox cyclic stability for Chemical Looping Combustion of high ash Indian Coals, SPARC, Rs. 40,43,920



Prof. M J Davidson, Deep Learning based Microstructural Prediction and Deformation Assisted Strengthening of Wire Arc Additive Manufactured Preforms, SPARC, Rs. 41,58,170



Prof. Thangaraju Kuppusamy, Hybrid Tetrapod Nanomaterials Based Sustainable Optoelectronic Technologies, SPARC, Rs. 42,74,810



Prof. V Rama Devi, Glass Ceiling for women in Corporate sector-Antecedents, Ourcomes and policty measures, NCW, Rs. 11,36,500



Prof. Venkata Reddy Keesara, Development of low-cost, open-hardware enabled watershed monitoring system for India, SPARC, Rs. 91,61,770



Prof. Hitesh Borkar, Development of novel negative capacitance (NC) and optimization switching dynamics in ferroelectirc-dielectric epitaxial elements for low power logic operations, SERB-SIRE, Rs.17,55,198



Prof. Raghu Chit, ta Non-Invasive Forster Resonance Energy Transfer (FRET) Operating Near-Infrared Benzothiazole-(Aza) Borondipyrromethene Based Fluorescent Probes for the Early Detection of Alzhimer's Disease, STARS, Rs. 45,00,000



Prof. Venkateswara Rao K, Participatory Budgeting with Multi-dimensional constraints, SERB-SIRE, Rs.17,22,538



Prof. Mukul Pradhan, Sunlight mediated conversion of plastic/bio waste to heeroatom doped graphine based hybrid materials: Application in energy harvesting, storage and enviromental remediation, ER & IP DRDO, Rs. 72,26,382



Prof. P Venkata Subba Reddy, Domination in Graphs: Combinatorial Results, Alogrithems and Complexity, SERB SIRE, Rs. 16,94,758



Prof. P Priya, Functional Characterization of Candida albicans RVB genes with bacterial Ruv homologues-an application in fundal pathogenesis and genomic integrity,SERB, Rs. 72,26,382

GRANTS (TRAVELS, CONFERENCE, WORKSHOP)



Prof. M Sailaja Kumari, Seminar on Winning Strategies for Women professionals in Higher Education, NCW, Rs. 2,49,000



Prof. P V Suresh, third International INCEEE-2023, SERB, Rs. 2,00,000



Prof. Manish Pandey, A Travel Grant of Rs.65,787.00 from SERB



Prof. G. Sangharatna, a grant of 2.5 Lakhs from IIT Bhilai Innovation and Technology Foundation and NITMINER Technologies Private Limited

CONFERENCE

Conference – Indian Society of Theoretical and Applied Mechanics



The 68 th edition of Indian Society of Theoretical and Applied Mechanics(ISTAM) was organized from 7 th December – 9 th December 2023 at NIT Warangal. The conference was organized jointly by Departments of Mathematics, Civil and Mechanical Engineering in association with ISTAM nitw

Emerging Trends in Materials Science



An initiative from the Editorial Board of Bulletin of Materials Science, published by the Indian Academy of Sciences, a one-day workshop (outreach activity) on “Emerging Trends in Materials Science” was organized at Ambedkar Learning Centre, NIT Warangal.

9th Conference on Transportation Systems Engineering and Management



The inaugural of 9th Conference on Transportation Systems Engineering and Management (CTSEM 2023) was organized by the Transportation Division, Department of Civil Engineering.

Boeing on Artificial Intelligence & Machine Learning in Internet of Things



Prof. Bidyadhar Subudhi, Director Inaugurated outreach program in association with Boeing on “AI &ML in IoT and Its Applications” for Engineering students. Prof. T. K.Kishore Kumar, Professor of EC and Head CTL was the cordinator of the program.



Engineering college students from Warangal region participated in the training program from 11 October 2023 to 20 October 2023.

International Conference on Computational Modeling in Science and Engineering

The Inaugural of the International Conference on Computational Modeling in Science and Engineering (ICCMSE- 2023) on the eve of superannuation of Prof Y N Reddy was held in the Ambedkar Learning Center. The conference was organized by the Department of Mathematics in association with Andhra Pradesh & Telangana Society for Mathematical Sciences



3rd International Conference on New Frontiers in Chemical, Energy and Environmental Engineering

Dept. of Chemical Engineering, NIT Warangal hosted 3rd International Conference-INCEEE 2023. It was inaugurated by Prof. Devang V. Khakhar, Former Director, IIT Bombay; Dr. K. Pattabhi Reddy, Retd. Technical Director, Corning Inc. Director, Prof. Bidyadhar Subudhi





One-Day Seminar for Women: Winning Strategies for Women Professionals in Higher Education – Reflections towards Capacity Building

Women Cell, NIT Warangal with the support of the National Commission for Women organised a one-day Seminar on Winning Strategies for Women Professionals in Higher Education – Reflections towards Capacity Building.





One-Day Seminar for Women : Physical and Psychological Issues in Women: Management of Risks and Challenges faced before, during and postpartum

School of Management & the Department of Humanities and Social Sciences with support of National Commission for Women have organised a one day seminar on Physical and Psychological Issues in Women: Management of Risks and Challenges faced before, during and postpartum



GIAN Program: Non-conventional Methods in Organic Synthesis: A Sustainable Approach for Fine Chemicals, Platform Chemicals and Value Added Products

A two week GIAN Program on “Non-conventional Methods in Organic Synthesis: A Sustainable Approach for Fine Chemicals, Platform Chemicals and Value Added Products” was organized during 16 - 20 October 2023. Prof. D. Kashinath, Department of Chemistry was the coordinator and Prof. Shirish H Sonawane, Department of Chemical Engineering was the Co Coordinator

GIAN Program on Advances in Hydrologic Monitoring of Watersheds

A two-week GIAN program on "Advances in Hydrologic Monitoring of Watersheds" was organised by Dept. of Civil Engineering. 26 faculty members from different parts of India participated in the program. Dr. Alfred J. Kalyanapu, Tennessee Technological University shared his vast experience.



28th International Conference on Hydraulics, Water Resources, River and Coastal Engineering



NIT Warangal hosted 28th edition of HYDRO 2023 - A prestigious International Conference on Hydraulics, Water Resources, River and Coastal Engineering. The three day conference attracted over 600 delegates



16th National Workshop on Recent Trends in Software Testing



Department of Computer Science and Engineering organised the 16th National Workshop on Recent Trends in Software Testing. The theme of the workshop is Fintech Advancement. The workshop was sponsored and supported by IIT Bhilai Innovation and Technology Foundation and NITMINER Technologies Private Limited. Over 60 research scholars and faculty members participated in the workshop. During the five days' workshop, experts from prestigious institutions covered several topics on the recent trends in testing.



Energy Innovation Hackathon – INNOTHON 2023



Hitachi Energy has organized an Energy Innovation Hackathon – INNOTHON 2023 at NIT Warangal on the theme of "Future of energy for all, by all" .The event witnessed participation from 122 students comprising 27 teams.

INSTITUTE LECTURE SERIES

NIT Warangal was buzzed with intellectual excitement as we extended a warm welcome to **Prof. JN Reddy and Prof. Arun Srinivasa** from Texas A&M University. Civil and Mechanical Engineering Societies at NIT Warangal organized the event.



We delved into a captivating session in our Institute Lecture Series featuring the esteemed **Prof. Sarma V Pisupati from Pennsylvania** State University, also Adjunct Professor , Dept. of Chemical Engineering.



MoUs

The MoUs inked between



NIT Warangal and VJTI, Mumbai



IIT Goa & NIT Warangal



MoU with CSIR-IMMT, Bhubaneswar

for Collaboration on academics and research

ACHIEVEMENTS



Prof. Jew Das of the Civil Engineering Department, was appointed as Associate Editor of a very prestigious Journal in Civil Engineering- ASCE Journal of Hydrologic Engineering



Prof. Shirish Sonawane, was awarded the prestigious Industrial Research Awards 2022-2023 (VASVIK AWARD)



Dr. T. Krishna Sai Principal Scientific Officer, CRIF, was selected as the member of the State Advisory Committee (SAC) of the Telangana State Electricity Regulatory Commission (TSERC).

iRASTE Data Analytics Challenge



Mr. G Yaswanth and Mr. Teja Padi, secured 1st position in the INAI, IIIT Hyderabad and iRASTE Data Analytics Challenge. This competition, hosting both national and international participants, served as a platform for aspiring minds to unravel actionable and valuable insights through the lens of data analytics.

All India Inter NIT Tournaments



NIT Warangal Badminton Boys team was the Runner-up in All India Inter NIT Tournament organised by MNIT Jaipur during 14 to 16 October 2023. Director, Dean's, Registrar, Faculty, Officer's, Staff and Students Congratulated the Badminton team of NIT Warangal.

NIT Warangal Powersports team secured Medals in All India Inter NIT Tournament organised by NIT Durgapur from 3 to 5 November 2023. The details of medalist from right side, **Mr. Kiran K R Mr.Sayak Chaudhuri Mr.Diman Thakuria Mr.Sanchit**





NIT Warangal excels at Inter-NIT Sports Gala! An extraordinary chapter has been written by our faculty and staff at the Inter-NIT sports event at NIT Bhopal. Team NIT Warangal wins trophies in Table Tennis and women's doubles badminton.





NEW RECRUITS

FACULTY



Prof. Jew Das
Assistant Professor Grade - II
Civil Engineering



Prof. Leela Manohar Aeshala
Assistant Professor Grade - I
Chemical Engineering



Prof. Vasudha Dattatraya Katare
Assistant Professor Grade - II
Civil Engineering



Prof. Nidhi Sonkar
Assistant Professor Grade - II
Computer Science Engineering



Prof. Shiva Darshan S L
Assistant Professor Grade - II
Computer Science Engineering



Prof. Vijay Choyal
Assistant Professor Grade - II
Mechanical Engineering



Prof. Manish Kumar Bajpai
Associate Professor
Computer Science Engineering



Prof. Venkanna U
Associate Professor
Computer Science Engineering



Prof. Phani Kumar Pentyala
Assistant Professor Grade -II
Chemical Engineering



Prof. Tapan Kumar Sahoo
Assistant Professor Grade - II
Computer Science Engineering



Prof. Venugopal Reddy B
Associate Professor
Electrical and Electronic Engineering.

OFFICERS



Shri. Sakthivel Samy
Principal Technical Officer



Dr. Radha Rukmini
Senior Medical Officer

ALUMNI

Distinguished Alumni Awards

Distinguished Alumnus Awards 2023 were presented on 10th October, 2023 on the occasion of Foundation Day. Following are the details of alumni who received the awards from Prof. Bidyadhar Subudhi, Director.



Dr Kaushik Kumar
B.Tech (ME) - 1990, Professor, Department of Mechanical Engineering, Birla Institute of Technology, Mesra, Ranchi, Jharkhand, Professional Excellence – Academic and Research



Dr. Srinivas Mantrala
B.Tech (CE) - 1986, Head, Fixed Infrastructure, Nacala Logistics Corridor, Vulcan International, Mozambique, Professional Excellence – Industry / Corporate



Shri. VNR Nayudu
B.Tech (MM) - 1993, Chief General Manager, India Government Mint Hyderabad, Professional Excellence – Industry / Corporate



Shri. Muthyala Raju Revu
B.Tech (EE) - 2002, Principal Secretary to Andhra Pradesh State Government, Public Service – Public Administration



Shri. Raja Srinivasa Rao Aita
B.Tech (CE) - 1994, Lead Project Light-Abu Dhabi National Oil Company, Abu Dhabi (ADNOC Offshore), Public Service – Social & Community Service

Almashine Alumni App

NITWAA launched Almashine Alumni portal on 10th October, 2023 (alumni.nitw.ac.in). The alumni of NIT Warangal were requested to follow the portal for updates.

Launch of Health Insurance Scheme

NIT Warangal Alumni Association have initiated an opportunity to enrol for Health Insurance Program.



NIT WARANGAL IN MEDIA

देश भर में प्रमुख अभियान के हिस्से के रूप में एनआईटी वरंगल एन सी सी कैडेट



(रिपोर्टर डी.शिवकुमार काजीपेट की रिपोर्ट) काजीपेट: 02 अक्टूबर 2023 एनआईटी वरंगल सेमिनार हॉल कॉम्प्लेक्स के बोस हॉल में महात्मा गांधी की 154वीं जयंती मनाई गई।एनआईटी वरंगल के निदेशक प्रोफेसर बिद्याधर सुबुद्धि कार्यक्रम के मुख्य अतिथि थे।उन्होंने महात्मा गांधी के चित्र पर पुष्प अर्पित कर श्रद्धांजलि दी।बाद में एनआईटी वरंगल के राष्ट्रीय कैडेट कोर अनुभाग के पुनीत सागर अभियान के नेतृत्व में एन सी सी कैडेट्स ने मिनी टैंक बॉन्ड में जल निकायों के किनारों से प्लास्टिक और अन्य अपशिष्ट पदार्थों को साफ

ANDHI JAYANTHI CELEBRATIONS AND WADEPAL LAKE CLEANING BY NCC CADETS NIT WARANGAL





Wadepally lake cleaning drive by NCC NIT Wa

mkonda District, 2, October, **Delhi to Galli** : At NITW celebrated the anniversary of Mahatma Gandhi Monday morning at Bose Hall ar Halls Complex. Prof. Bidyadhar Subudhi, Director, NIT Warang tributes to Mahatma Gandhi and paid homage to the Father of the N ty, staff, and students participated in the event. Earlier, The N Corps wing of NIT Warangal today participated in Puneet Sagar Al tionwide flagship campaign to clean the shores of water bodies wit d other waste materials and raise awareness about the importa liness. As part of the campaign around 20 cadets from NIT Warang to Waddepally Lake and have cleaned the lake surroundings this Dr. Y. Sudheer, NCC Faculty advisor coordinated the event. Dr. P li, Nodal officer, "Swacchata Hi Seva" was also present during the

TAREEKH – EK GHANTA" "SWACHHATA HI SEVA" CAMPAIGN LAUNCHED AT





nkonda District, 2, October, **Delhi to Galli** : As part of the Swachhata Hi Seva ca ed by the Department of Drinking Water and Sanitation and the Ministry of Hous Affairs, NIT Warangal participated in the national wide campaign "Ek Tareel a" organised today morning 10 AM. Prof. Bidyadhar Subudhi, Director, of NIT W d all the volunteers to have come forward to spread the message of cleanliness. ld around the campus by the Faculty, staff, and students. Later cleaning drive w near the staff quarters of the campus. Plantation drive was also conducted. Aro eers participated in the drive. Prof. Prakash Kodali, Faculty Advisor, National e Coordinated the event.As part of the campaign, NIT Warangal organised in the hostels, departments and common areas over the last four days. sacharya, Dean Student Welfare, Heads of the Departments and other Committe

Telangana Today

NITW conducts 65th Foundation Day

STATE BUREAU
Hanamkonda

The National Institute of Technology, Warangal, celebrated its 65th Foundation Day in a grand ceremony held here at its campus on Tuesday. Dr Komal Kapoor, who was the chief guest, commended NIT Warangal for being the first in the Regional Engineering College (REC) chain. Detailing the pivotal role of the Nuclear Fuel Complex, Hyderabad, in supporting India's nuclear energy ambitions, he stressed the significance of nuclear fuel in India's goal of achieving net-zero carbon emissions by 2070, projecting a substantial increase in nuclear fuel's contribution to the nation's energy sector by 2050.

Speaking on the occasion, Prof Bidyadhar Subudhi recalled that NIT Warangal's foundation stone was laid on October 10, 1959, and it was the pioneering institution in the chain of Regional Engineering Colleges (RECs). He expressed gratitude to all stakeholders who contributed to the institute's esteemed reputation. Prof Subudhi emphasised NITW's commitment to research, innovation, and societal impact, promoting startups and establishing a research park. He also highlighted the institute's accomplishments, including over 983 research publications, a high placement rate, Swachhata campaigns for campus cleanliness, and a 1MW rooftop solar energy PV module system.

Prof D Srinivasacharya, Dean of Student Welfare, recounted the milestones achieved by the institute since its establishment. Prof Srinivasacharya highlighted the institute's growth, with 13 departments offering eight undergraduate engineering programs (BTech) and 35 postgraduate programs (MTech, MSc, MCA, and MBA) in engineering, sciences, and management. Notably, NITW achieved the status of "An Institute of National Importance" in August 2007.

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Source : https://epaper.telanganatoday.com/

12 - Oct 2023

एनआईटी वरंगल ने बोइंग द्वारा प्रायोजि आउटरीच कार्यक्रम का आयोजन कि



(रिपोर्टर डी.शिवकुमार काजीपेट की रिपोर्ट) काजीपेट:11अक्टूबर एनआईटी वरंगल के निदेशक प्रोफेसर बिद्याधर सुबुद्धि ने वरंगल के इंजीनियरिंग कॉलेज के छात्रों के लिए आईओटी और अनुप्रयोगों में एआई और एमएल पर बोइंग के सहयोग से आउ कार्यक्रम का उद्घाटन किया।यह कार्यक्रम 19 अक्टूबर 2023 जारी रहेगा।इस कार्यक्रम का उद्देश्य प्रशिक्षण देना है। छात्रों उद्योग मानकों के प्रति। बोइंग ने ब्रेन कंप्यूटर इंटरफेस पर अनुस करने, डेटा एनालिटिक्स लैब की स्थापना और वारंगल क्षेत्र के के लिए संवर्धन आउटरीच कार्यक्रम संचालित करने के लिए एनआ वरंगल के साथ एक समझौता ज्ञापन पर हस्ताक्षर किए और 20 की अनुदान निधि प्रदान की। ईसीई के प्रोफेसर, सीटीएल प्रमुख कार्यक्रमों के समन्वयक प्रोफेसर टी.के.किशोर कुमार ने कहा, कु संवर्धन और आउटरीच कार्यक्रम हैं।जिनका शीर्षक ब्रिजिंग द आईओटी और इसकी प्रोग्रामिंग लर्निंग पायथन और इसके अनुप्र पर आउटरीच कार्यक्रम डेटा एनालिटिक्स और इसके अनुप्रयोग संवर्धन कार्यक्रम है।चरणबद्ध तरीके से आयोजित किए जाने वा ये कार्यक्रम इंजीनियरिंग छात्रों के आर्टिफिशियल इंटेलिजेंस, म लर्निंग, और डेटा एनालिटिक्स के ज्ञान को और अधिक गहरा बढ़ाते हैं। एनआईटी वरंगल का लक्ष्य बोइंग के सहयोग से अनुस सुविधा प्रदान करना और शोधकर्ताओं के लाभ के लिए ब्रेन कं इंटरफेस पर उपकरण खरीदना है।

Telangana Today

NITW evaluating performance of rural roads laid with geosynthetic materials

STATE BUREAU
Warangal



NITW team examining rural roads laid with geotextiles and geosynthetic materials.

The National Institute of Technology, Warangal, (NITW) has played a pivotal role in overseeing the Pradhan Mantri Gram Sadak Yojana (PMGSY) program since its inception, serving as the State Technical Agency (STA) and Principal Technical Agency (PTA).

In its ongoing commitment to the programme, NIT Warangal is taking a proactive role in advancing rural road infrastructure by scrutinising Detailed Project Reports (DPRs) for rural roads submitted by the Panchayat Raj departments of various States. Under this initiative, geotextile DPRs are meticulously examined and designed, with engineers in the field being encouraged to implement this technology. The aim is to instill confidence in the adoption of cost-effective geotextile technologies for the enhancement of rural roads.

As part of this mission, the NITW has secured a research project focusing on monitoring the performance of roads constructed with geotextiles and geosynthetics in the States of Telangana and Andhra Pradesh. This research endeavour, funded by the National Rural Infrastructure Development Agency under the Ministry of Rural Development, is valued at Rs 15 lakhs.

The research project is led by a team of distinguished investigators, including Prof S Shankar, Prof. Venkaiah Chowdary, Prof. Vishnu R, and Prof. CSRK Prasad.

Their work involves the evaluation of approximately ten roads constructed with geotextile and geosynthetic materials, with assessments conducted before and after the monsoon season. Notably, the data collected and field observations indicate that roads constructed with geotextiles or geosynthetics in areas with black cotton soil, featuring a shoulder width of 1.0m to 1.5m, are performing well even after enduring four monsoon seasons. The research project is ongoing to further document and understand their long-term performance.

Telangana Today

Industry-focused research stressed

STATE BUREAU
Hanamkonda

NITW, CSIR-IMMT, Bhubaneswar, sign MoU with an aim to bolster research and consulting efforts

Prof Bidyadhar Subudhi, Director of NIT Warangal, emphasised the imperative need for research that aligns with industry needs. Speaking after inaugurating the R&D Conclave hosted by the National Institute of Technology (NIT) in Warangal, here on Saturday, he stressed the importance of nurturing ideas that could evolve into startups addressing societal challenges.

Dr Ramanuj Narayan, Director of CSIR-IMMT, Bhubaneswar, highlighted the necessity of retaining homegrown talent. He urged a shift in perspective, emphasising the vast potential within regions like tering entrepreneurship.

Providing a global perspective, Dr JR Joshi, Project Director at DRDL, shed light on the burgeoning startup landscape in India, citing 99,000 startups across 670 districts as of May 2023. He emphasised the necessity for research ideas that complement industry needs, proposing the establishment of Centers of Excellence in collaboration with industries

Telangana Today



HANAMKONDA

Flautist Ajay enthrals

The NITW and the Society for Promotion of Indian Classical Music and Cultural Amongst Youth (SPIC MACAY) organised a programme where an acclaimed flutist Pt Ajay Prasanna performed on Thursday night. He was accompanied by renowned Tabla Maestro Abhishek Mishra. Speaking on the occasion, faculty advisor Professor Thyagesh Chandran acknowledged SPIC MACAY's dedication to fostering cultural awareness through such events.

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Source :

एनआईटी वरंगल ने अपना 65वां स्थापना दिवस मनाया

रिपोर्टर डी.शिवकुमार काजीपेट की रिपोर्ट) काजीपेट:10 अक्टूबर 2023 हैदराबाद के अध्यक्ष और मुख्य कार्यकारी डॉ. कोमल कपूर इस अवसर पर मुख्य अतिथि के रूप में उपस्थित थे।राष्ट्रीय प्रौद्योगिकी संस्थान वरंगल ने आज सुबह 10:00 बजे से अंबेडकर लर्निंग सेंटर में अपना 65वां स्थापना दिवस मनाया। दीप प्रज्ज्वलन के बाद प्रो.डी. श्रीनिवासाचार्य, डीन छात्र कल्याण ने 1959 में अपनी स्थापना के बाद से संस्थान के महत्वपूर्ण मील के पत्थर के बारे में प्रस्तुत किया। उन्होंने संस्थान में विभिन्न कार्यक्रमों की शुरुआत के बारे में बात की और कहा कि आज संस्थान में 13 विभाग हैं जो आठ स्नातक कार्यक्रम प्रदान करते हैं।) इंजीनियरिंग में, इंजीनियरिंग, विज्ञान और प्रबंधन में पैंतीस स्नातकोत्तर कार्यक्रम (एम.टेक., एम.एससी., एमसीए और एमबीए)। उन्होंने कहा, एनआईटी वारंगल को अगस्त 2007 में "राष्ट्रीय महत्व के संस्थान" का



दर्जा दिया गया था।प्रो. बिद्याधर सुबुद्धि ने अपने संबोधन में कहा कि एनआईटी वारंगल की आधारशिला 10 अक्टूबर, 1959 को रखी गई थी। उन्होंने कहा कि एनआईटी वरंगल आरईसी की श्रृंखला में पहला था और सितंबर 2002 में इसका नाम बदलकर नेशनल इंस्टीट्यूट ऑफ वरंगल कर दिया गया। उन्होंने कहा कि वह इस अवसर को संस्थान के प्रत्येक हितधारक को धन्यवाद देने के अवसर के रूप में लेते हैं जिन्होंने इस तरह के संस्थान के निर्माण के लिए अथक प्रयास किया है। प्रतिष्ठा. हमारा स्थापना दिवस हमें समाज के प्रति हमारी जिम्मेदारी की याद दिलाता है। संस्थान का उद्देश्य समाज की गंभीर समस्याओं के समाधान के लिए अनुसंधान, नवाचार को बढ़ावा देना है। एनआईटी वरंगल अपने छात्रों और शिक्षकों को स्टार्टअप विकसित करने के लिए प्रोत्साहित कर रहा है। स्टार्टअप और अनुसंधान केंद्रों के लिए अनुकूल वातावरण प्रदान करने के लिए एक अनुसंधान पार्क स्थापित करने के प्रयास किए जा रहे हैं। "पिछले एक वर्ष में 983 से अधिक शोध प्रकाशन प्रकाशित हुए हैं। हमारे 98: छात्रों को पिछले शैक्षणिक वर्ष में प्लेसमेंट मिला है, जिसमें 88 लाख सबसे अधिक पेशकश है। परिसर में हर महीने स्वच्छता अभियान चलाया जा रहा है।

Telangana Today

NITW plans to expand satellite campus

P LAXMA REDDY
Hanamkonda

Institute's Director Prof Bidyadar urges Collector to ensure allocation of 100 acres of land for the purpose

The National Institute of Technology, Warangal (NITW), one of the top institutions among the first 17 NITs, is charting a course for expansion through the establishment of a satellite campus. Director Prof Bidyadar Subuddhi recently met with Hanamkonda District Collector Sikta Patnaik and urged her to ensure the allocation of 100 acres of land to materialise this vision.

During the meeting, the Director highlighted the institute's ongoing technological advancements, showcasing innovations such as e-vehicle manufacturing and cybersecurity solutions originating from NIT Warangal.

Plans were unveiled to introduce new courses, including agricultural and railway engineering, while expressing readiness to lead the government's Unnat Bharat Abhiyan (UBA) programme, advocating for village adoption under this initiative.

In response, Collector Sikta Patnaik assured the matter would be taken to the notice of the State government to facilitate the land allocation necessary for the expansion.

Official sources suggested available land in Devunuru and Mupparam villages under Dharmasagar mandal, about 25 km from Hanamkonda city where the main campus is located now, as prospective sites. Additionally, land near the newly set up Kakatiya Mega Textile Park has been acquired for future development, potentially serving the NIT Warangal expansion plans.

Established in 1959 by Pandit Jawaharlal Nehru, NIT Warangal has evolved into a hub of engineering and technology excellence. With a focus on innovation, interdisciplinary research, and industry-aligned education, the institute consistently attracts top-ranking students. Its alumni, recognised in various professional domains, actively contribute to its sustainable growth.

Spanning over 248 acres, NIT Warangal offers a comprehensive infrastructure with 13 academic departments, advanced research centres, and state-of-the-art facilities, including laboratories, a central library, an auditorium, and student activity centres.

The institute's emphasis on holistic development has positioned it as a preferred choice for higher education and research.

राष्ट्राय प्राद्याागका सस्थान वरगल म एनजा इनोवेशन हैकथॉन–इनोथॉन 2023 का आयोजन की।

(रिपोर्टर डी.शिवकुमार काजीपेट की रिपोर्ट)काजीपेट:30 अक्टूबर 2023 हिताची एनर्जी इंडिया के सहयोग से एन आई टी वरंगल ने इन्नोथॉन 2023 का आयोजन कि। हैकथॉन में 27 टीमों ने हिस्सा के रूप मे लिए। पूरे भूगोल में ऊर्जा परिवर्तन का समर्थन करने



मास्टर की पहाई की सविधा के हैकथॉन–इनोथॉन 2023 का

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