



# NIT KURUKSHETRA



## Newsletter

CONVOCATION 2022



Celebrating 60 Years of Academic Excellence

**NATIONAL INSTITUTE OF TECHNOLOGY  
KURUKSHETRA**

*welcomes*



**Smt. Droupadi Murmu**  
**President of India**  
**Chief Guest**

*at*



**Convocation**  
(Diamond Jubilee Year)

**Tuesday, November 29, 2022**



## About the Chief Guest

Smt. Droupadi Murmu was sworn in as the 15th President of India on 25 July, 2022. Previously, she was the Governor of Jharkhand from 2015 to 2021. She has devoted her life to empowering the downtrodden as well as the marginalized sections of society and deepening the democratic values.

Born in a Santhali tribal family on 20 June, 1958 at Uparbeda village, Mayurbhanj, Odisha, Smt. Murmu's early life was marked by hardships and struggle. On completion of primary education from the village school, she went to Bhubaneswar on her own initiative to continue her studies. She earned the degree of Bachelor of Arts from Ramadevi Women's College, Bhubaneswar and became the first woman from her village to receive college education.

From 1979 to 1983, Smt. Murmu served as a Junior Assistant in the Irrigation and Power Department, Government of Odisha. Later, she served as an honorary teacher at Sri Aurobindo Integral Education Centre, Rairangpur, from 1994 to 1997.

With her rich administrative experience and thanks to her efforts to spread education in tribal societies, she carved a special identity for herself. For her services as a legislator, she was awarded the Pandit Nilkanth Das - Best Legislator Award in 2007 by the Odisha Legislative Assembly.

Smt. Murmu was appointed the Governor of Jharkhand on 18 May, 2015. She was the first woman tribal Governor of a tribal-majority State, and she received wide appreciation for upholding the values of the Constitution and supporting the rights of the tribal communities. She introduced reforms in examination and recruitment processes of the State Universities. She earned respect from leaders of all political parties for her statesmanship and adherence to democratic ethos. Smt. Murmu was associated with several tribal socio-educational and cultural organisations of Odisha. She is an avid reader and has keen interest in spirituality.



## Director's Message

Happy to note, that convocation edition of newsletter is in your hands. This also culminates with the 60th year of our existence. Further, on the auspicious occasion of 18th Convocation of the Institute during its Diamond Jubilee, it's indeed a matter of proud privilege and pleasure to welcome the Chief Guest, Hon'ble President of India, Esteemed Guests of Honour and Degree Recipients.

My heartiest congratulations and best wishes to the young graduates, who, I believe, have become accomplished personalities after completing their studies at NIT-Kurukshetra, and are ready to serve the Nation.

This convocation is marked by a special distinction that has made it all the more special. The distinction comes from the inspiring presence of Smt. Droupadi Murmu Ji, Hon'ble President of India.

The Institute consistently endeavors to augment its contribution by generating skillful professionals not only to serve the Nation but also across the globe. The Institute lays focused emphasis on creating congenial academic and research environment. The Institute has been encouraging the innovations and academic-industry connects. The institute will make all efforts to implement NEP-2020 into bringing a sea change in its curriculum, adopting to multi-disciplinary course approach, develop holistic personalities, promote entrepreneurship, incubation, creative and innovative thinking, experiential learning leading to startup culture and earn while learn culture.

I am confident that with our collective efforts, the Institute will definitely scale the new heights to be at the top position amongst the technical institutes of India. I urge the young graduates to come forward and contribute towards these efforts.

On the occasion, I congratulate the graduates and wish them a very bright future.

Hope the contents of this newsletter covers the events conducted during the year & going through the contents is an inspiring experience.

*Prof. B.V. Ramana Reddy*

## YOGA SHIVIR

26 to 28 February 2022

'Yoga Shivar' was conducted as an initiative under *Aazadi ka Amrit Mahotsav* to spread awareness about the physical and mental benefits of Yoga in our daily lifestyle. It was conducted to sensitise young minds to the benefits of Yoga. The event witnessed enthusiastic participation from students, staff, and faculty members alike, making it a grand success. Professors and experts in Yoga Sciences guided and taught the intricacies of performing yoga to the participants over the three days. Dr. Ramesh Kumar, Assistant Professor, Yoga, Yogic Science Department, at Shri Lal Bahadur Shastri National Sanskrit University; Yogacharya Harsh Kumar Shukla, Yoga Instructor at Shri Lal Bahadur Shastri Rashtriya Sanskrit Vidyapeeth, Yogic Science Department; Professor K M Monika, Yogic Science Department; Dr. Pradyumna Singh Shekhawat, Associate Professor & Head, Department of Yoga and Science of Living, Jain Vishva Bharati University were present in the *shivir*. The Chief Guest for the Valedictory Ceremony was Dr. Ishwar V. Basavaraddi, Director of Morarji Desai National Institute of Yoga. The three-day event, an initiative under *Aazadi ka Amrit Mahotsav*, turned out to be a grand success.



## INTERNATIONAL WOMEN'S DAY

**'Gender equality today for a sustainable tomorrow'**

NIT Kurukshetra celebrated International Women's Day 2022 with great zest and zeal. Pledging to break the bias in our communities, workplaces, schools, colleges and universities. The day marked a call to action for accelerating women's equality and to imagine a gender equal world—a world free of gender bias, stereotypes and discrimination—a world that embraces diversity whole heartedly and initiates a culture of equitable and inclusive culture. A world where the differences are accepted, valued and celebrated. Celebrating this year the international theme '*Gender equality today for a sustainable tomorrow*'. Together we can forge a world where gender equality and justice prevails for a sustainable tomorrow.





## TECHSPARDHA 2022

The annual techno-managerial fest Techspardha 2022 was organised from 14-17 April 2022. The fest had about 70 competitive events which were multidisciplinary in nature. It is a platform where students can participate and can compete with their colleagues by showcasing their knowledge, creativity and innovation. The Chief Guest of the Inaugural Function was Shri. Hari Babu Srivastava, outstanding Scientist & Director General (TM & SAM). The programme was presided over by Prof. B.V. Ramana Reddy, Director, NIT Kurukshetra. The organising committee consisted of Prof. Mahesh Pal, as Advisor, Prof. V.K. Bajpai as Chairperson and Dr. Shelly Vadhera as Co-chairperson. Other organising committee members were Faculty in-Charge of different Technical Societies of the Institute. The students conveners of the different Technical Societies were involved in the programme along with other student office bearers. The events were flagship events and non flagship events which had single and group teams from the host Institute and from other Institutes. The winner teams were given mementos and certificates in the Valedictory Function and cash prizes were directly transferred in the bank accounts of the individual participant. Leaving behind the pain and agony of Covid times over the last two years, it was heartening to note that the Institute organised this annual mega techno-managerial fest in offline mode bringing vibrancy to the sprawling campus and brought out a Souvenir on this occasion.



## Hindi Literature Fest - उत्कर्ष 2022

०९-११ अप्रैल, २०२२

राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र ०९ अप्रैल २०२२ को वार्षिक हिंदी साहित्य महोत्सव 'उत्कर्ष - २०२२' का रंगारंग शुभारम्भ, संस्थान के जुबली हाल में किया गया। उत्सव का शुभारम्भ संस्थान के निदेशक प्रो. बी वी रमणा रेड्डी, अधिष्ठाता (शैक्षणिक) प्रो. सथंस, अधिष्ठाता (छात्र कल्याण) प्रो. दीक्षित गर्ग, अधिष्ठाता (उद्योग और अंतर्राष्ट्रीय संबंध) एस एम गुप्ता, प्रभारी: हिंदी भाषा डॉ. यशचंद्र द्विवेदी के द्वारा दीप प्रज्ज्वलन कर के किया गया। संस्थान के छात्राओं द्वारा मनोहर सरस्वती वंदना के पश्चात प्रभारी: हिंदी भाषा श्री यशचंद्र द्विवेदी ने इस कार्यक्रम को आयोजित करने वाली छात्र समिति 'अनामिका हिंदी समिति' तथा वार्षिक हिंदी साहित्य महोत्सव 'उत्कर्ष - २०२२' का संक्षिप्त परिचय प्रस्तुत किया। उन्होंने उत्सव का विस्तृत आयोजन तथा उसकी रूपरेखा को प्रस्तुत किया। कार्यक्रम के दौरान विचारमंच कार्यक्रम का आयोजन किया गया। इस कार्यक्रम में एक विशिष्ट प्रस्तुति के तहत अपनी विनम्र कार्यशैली के लिए प्रसिद्ध संस्थान के निदेशक प्रो. बी वी रमणा रेड्डी महोदय तथा संस्थान के छात्रों के मध्य राष्ट्रीय शिक्षा नीति २०२०, हिंदी भाषा, संस्थान के विकास तथा भविष्य की योजनाओं पर संवाद हुआ। छात्रों ने बहुत से सम-सामयिक प्रश्नों को पूछा, जिसे निदेशक महोदय ने बहुत धैर्य तथा संयम से विस्तृत जवाब दिया। इसी कार्यक्रम के दौरान सांस्कृतिक कार्यक्रम की कड़ी में संस्थान के युवा विद्यार्थियों द्वारा गायन, वादन एवम् नृत्य प्रस्तुत किया गया। सांस्कृतिक कार्यक्रम की कड़ी में संस्थान के युवा विद्यार्थियों तथा वरिष्ठ अध्यापकों द्वारा कवि सम्मेलन प्रस्तुत किया गया। संस्थान के युवा कवि बीटेक के छात्र दीपांशु भारद्वाज ने अपनी गीतात्मक प्रस्तुति में स्वरचित कविता 'संघर्ष' के माध्यम से समा बांध दिया। संस्थान की छात्रा प्राची ने अपनी कविता 'वक्त की फितरत' से मंत्रमुग्ध कर दिया। इनके अतिरिक्त वैष्णवी: शास्त्रीय नृत्य: ज्योति, युगल गायन: दिविज: युगल गायन: अतुल गायन: अनंत, वाद्य यंत्र: दिव्यांश: शिव स्त्रोत कार्यक्रम प्रस्तुत किये। कार्यक्रम के अंतिम चरण में छात्र पत्रिका 'अभ्यम' का उद्घाटन किया गया। इस छात्र पत्रिका में छात्रों ने अपनी स्वरचित रचनाओं का संकलन प्रस्तुत किया। इसके पश्चात अनामिका हिंदी समिति के प्रभारी यशचंद्र द्विवेदी ने कार्यक्रम में आए हुए सभी लोगों का आभार व्यक्त किया और संस्थान में हिंदी भाषा के प्रचार-प्रसार के लिए अपने सुझाव दिए। कार्यक्रम का संचालन छात्रद्वय प्रवीण कुमार और प्राची शर्मा ने किया। कार्यक्रम के दूसरे दिन इस महोत्सव के अंतर्गत बहुत से सांस्कृतिक और उद्देश्यपरक कार्यक्रमों का आयोजन किया गया, जिनमें मुख्य रूप से कवि सम्मलेन, रचनात्मक लेखन, कहो एक कहानी, हिंदी प्रश्नोत्तरी, शब्द-सागर, नाट्य मंच, हिंदी कार्यशाला, अभिमान, भारत: एक नजर, मस्ती की पाठशाला, एक पत्र शहीदों के नाम, मन के रंग हिंदी के संग, पत्रकार बाबू, नुक्कड़,



राग, शान-ए-उत्कर्ष आदि कार्यक्रमों में विद्यार्थियों ने बढ़चढ़कर भाग लिया। कवि सम्मलेन के दौरान चयनित प्रतिभागियों दीपांशु, शिवानी, भारत, प्राची, पीतम, एवम् अनिल आदि छात्रों ने अपनी स्वरचित रचनाओं का पाठ प्रस्तुत किया। कवि सम्मेलन कार्यक्रम का संचालन संस्थान के छात्रद्वय नेकराम एवं लक्ष्मी ने किया। डॉ. द्विवेदी ने बताया कि कुल २५ विभिन्न कार्यक्रमों एवं प्रतियोगिताओं में करीब ४०० विद्यार्थियों ने भाग लिया। सम्पूर्ण प्रतियोगिताओं में २५ विद्यार्थी प्रथम एवम् २५ विद्यार्थी द्वितीय घोषित किये गये। राष्ट्रीय प्रौद्योगिकी संस्थान कुरुक्षेत्र में २२ अप्रैल २०२२ को तीन दिवसीय वार्षिक हिंदी महोत्सव 'उत्कर्ष - २०२२' का समापन, संस्थान के जुबली हॉल में किया गया। इस कार्यक्रम में पुरस्कार

वितरण का आयोजन किया गया महोत्सव के समापन समारोह के अवसर पर प्रभारी: हिंदी प्रभाग डॉ. यशचंद्र द्विवेदी ने महोत्सव के विभिन्न उपलब्धियों के बारे में विस्तार से बताया। समारोह के अंतिम चरण में कार्यक्रम के मुख्य अतिथि संस्थान के अधिष्ठाता (छात्र कल्याण) प्रो. दीक्षित गर्ग, ने विजेताओं को ट्राफी देकर उत्साहवर्धन किया। कार्यक्रम के दौरान प्रो. पूरण चन्द्र तिवारी, प्रो. राजेश अग्रवाल, स्पोर्ट्स ऑफिसर सुश्री पल्लवी, प्रभारी: हिंदी प्रभाग डॉ. यशचंद्र द्विवेदी, आदि अध्यापकगण उपस्थित रहे। इस समापन कार्यक्रम में एकल गायन में एम टेक प्रथम वर्ष की छात्रा नम्या ने भजन प्रस्तुत कर सभी का मन मोह लिया। कार्यक्रम का समापन राष्ट्रगान की प्रस्तुति के साथ हुआ। इस अवसर पर बहुतायत संख्या में संस्थान के विद्यार्थी अध्यापकगण एवं कर्मचारीगण उपस्थित रहे।



## CONFLUENCE 2022

**Confluence 2022** (22 April 2022– 24 April 2022) was one of the most awaited events this year as the pandemic stalled most of the gatherings and cultural events. After two years students were given an opportunity to showcase their talents and celebrate life after a tough period of isolation and gloom. This year students celebrated Confluence '22 with the theme 'A Tryst with Magic'. The Inaugural Ceremony commenced with the welcome of the Honourable Director Dr B.V. Ramana Reddy, along with the presence of Mr. Gaurav Sabharwal, an alumnus of Institute who is currently CEO of India and South Asia at Kantar public as the Chief Guest. Ms. Moumala Nayak, one of the leading exponents of Kathak was the Guest of Honour. Her performance was mesmerising and greatly appreciated. The evening of the first day was sparked by the *Kavyanjli* held in OAT at 6:30 p.m. The second day was equally loaded with fun filled activities and performances. The audience witnessed numerous events such as cricket, football, photo scavenger, bliss games, CID, treasure hunt and other games. This was followed by solo singing, mono acts, *Nukkad Natak*, Groove Armada and a variety of other unique events and performances. The last day of the Confluence witnessed spectacular ending. In the Valedictory Ceremony, the gathering witnessed a scintillating band performance. To acknowledge the sincere efforts of all those who contributed in the grand success of the cultural event, mementos were awarded to the Secretaries, Committee Heads, and Faculty in Charges of various clubs, the occasion was graced by the Director, Dr B.V. Ramana Reddy. 'Best of 2k18' performance was held in the evening at OAT which brought a great ending to the fest.





## THE NATIONAL SERVICE SCHEME (NSS) ACTIVITIES

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports. It provides an opportunity to the young students of the country to take part in various government led community service activities and programmes. The sole aim of NSS is to provide hands-on experience to the young students in delivering community service and create social awareness. NIT Kurukshetra has an NSS unit on voluntary enrollment of students dedicated to the motto "NOT ME BUT YOU" and this year they participated in various social activities such as cleanliness drives, blood donation camps, awareness programmes through cycle rally etc.

### 1. World Bicycle Day

World Bicycle Day was celebrated World Bicycle Day by organizing a cycle rally in the Institute on 03-06-2022. Faculty members, staff and students including NCC, NSS volunteers of the Institute participated in the rally.



### 2. World Blood Donor Day

World Blood Donor Day was celebrated on 14 June, 2022. Faculty members, staff and students took an oath in front of the old administrative building to mark the occasion.





### 3. Cleaning Campaign:

A cleaning campaign was organised in an around the NIT Campus to bring about awareness and initiate cleanliness drive on 7 May 2022.



## INTERNATIONAL YOGA DAY 2022



International Yoga Day (June 21, 2022) was celebrated at NIT Kurukshetra by organising a grand demonstration of the Common Yoga Protocol (CYP) at the Sports Complex of the Institute. More than 1000 students, faculty members, and staff participated in the event. It started with a Welcome Address by the Hon'ble Director Prof. B.V. Ramana Reddy followed by an intricate set of yoga demonstrations by the Yoga Team of the Institute. The Chief Guest Shri Yogeshwar Dutt, Padma Shri awardee, addressed the gathering and enlightened them about the importance of practising Yoga as a daily ritual. Shri Yogeshwar Dutt joined the gathering in Yoga Demonstration along with Yoga instructors from Gurukul Kurukshetra Mr. Anil and Mr. Shivam. This was followed by the telecast of Honourable Prime Minister's Address to the nation suggesting the importance of Yoga and how yoga has helped the nation to recover from the pandemic.



## INAUGURATION OF 'THOUGHT LAB' BY THE HON'BLE GOVERNOR OF HARYANA



A 'Thought Lab' has been established in the Institute with a vision to empower the thoughts of youth and to build a world on the principles of peace, love and universal harmony through the confluence of science and spirituality.

The 'Thought Lab' was inaugurated by the Hon'ble Governor of Haryana Shri. Bandaru Dattatraya on May 10, 2022. He congratulated the Director, Dr. B.V. Ramana Reddy and Dean Students' Welfare Dr. Dixit Garg for coming up with such a unique initiative to empower youth with peaceful and stable minds through combining the ancient Indian wisdom of spirituality without sacrificing scientific endeavours. A healthy balance between mind and materiality is the need of the hour and the 'Thought lab' is aimed to fill in the gaps that have emerged in the present system of education that can be stressful and difficult to handle for the students.



## TEACHERS' DAY CELEBRATION

### Role of Teachers in Building Crime Free Society (September 05-09, 2022)

On the occasion of Teachers' Day, to ensure the protection of human rights and build a crime free society, a five days' workshop on the 'Role of Teachers in Building Crime Free Society' was jointly organised by the Department of Humanities & Social Sciences, NIT Kurukshetra and Bhartiya Charitra Nirman Sansthan (BCNS), New Delhi during September 05-09, 2022. Teacher is the builder of society and the nation. In this regard National Institute of Technology Kurukshetra and Bhartiya Charitra Nirman Sansthan (BCNS), New Delhi are taking major initiatives. During this workshop, many programs were organized to create awareness among teachers and members of society about their role in building crime free society in the nearby educational institutes namely, DAV College Pehowa, Hindu Girls' College Jagadhri, District Jail, Kurukshetra. The Function was graced by eminent speakers and leaders like Major General (Dr) Ranjit Singh, AVSM, VSM (Retd.), Former Vice Chancellor CRSU Jind & Central University of Haryana was the Chief Guest, Shri Ram Krishan Goswami, Founder President, BCNS, New Delhi, Dr CDS Kaushal, Prof (Retd), KU Kurukshetra was the Guest of



Honour. The speakers motivated the students to follow the teachings of *Bhagavad Gita* in their lives and help in building a crime free society. They also appealed to the students to stay away from drugs, violence, adultery and greed otherwise their education will become meaningless.



## 'EK BHARAT SHRESTHA BHARAT'

With the aims to celebrate 'Unity in Diversity' of our Nation and to maintain and strengthen the fabric of traditionally existing emotional bonds between the people of our country; to promote the spirit of national integration through a deep and structured engagement between all Indian States and Union Territories through a year-long planned engagement between States; to establish long-term engagements; and to create an environment which promotes learning between States by sharing best practices and experiences. NIT Kurukshetra took the initiative of organising a cultural exchange programme between Haryana-Telangana states from 10 September 2022-15 September 2022. The inauguration of the event took place in the Raj Bhawan, Chandigarh, Honourable Governor of Haryana Shri Bandaru Dattatraya was the Chief Guest. He was very pleased to see the initiative taken up by NIT Kurukshetra-the cultural exchange programme-aiming at promotion of 'unity in diversity'. He congratulated Dr. B.V. Ramana Reddy, Director, NIT Kurukshetra for his efforts and vision aiming at strengthening the social and national fabric of the country. The schedule was meticulously prepared to introduce the young guests to the unique socio-cultural ethos of Haryana.





## SPORTS ACTIVITIES

Physical Education & Sports Section actively conducted the following Events/Tournaments:

- ❖ Inauguration of Indoor Badminton Hall on 05th September, 2021.
- ❖ Yoga Shivir was organized from 26 to 28 February, 2022 in hybrid mode. The *Shivir* was conducted as an initiative under 'Aazadi ka Amrit Mahotsav' to spread awareness about the physical and mental benefits of Yoga in our daily lifestyle.
- ❖ Organised events on the occasion of International Women's Day on 08 March, 2022.
- ❖ Cricket Matches between Faculty Members and Students both Boys and Girls categories.
- ❖ NIT Open Badminton Tournaments for Students 02 and 03 April, 2022.





## SPARDHA 21-22 SPORTS FEST

### IIT BHU from 15 April to 17 April, 2022

Spardha is the annual sports festival of IIT (BHU), Varanasi—one of the largest and one of the most awaited sports festivals of northern India where athletes are drawn from all corners of the country. Each year, over a thousand participants compete in an array of sports like hockey, basketball, cricket, boxing, tennis and many more, creating a stunning spectacle of exceptional fervid athletic talent. The event embraced by one of the best gatherings of celebrated sports personalities and spirited audience, has always enthused a zest for continuously scaling new zeniths in the pursuit



of excellence and vibrancy among one and all. Soon after the reopening of the Institute 124 students from the Institute represented NIT Kurukshetra in the following Games and Sports in Spardha 21-22 Sports Fest organised by IIT BHU from 15 th to 17 April, 2022.

- |                            |                             |                    |
|----------------------------|-----------------------------|--------------------|
| ❖ Athletics (Boys & Girls) | ❖ Basketball (Boys & Girls) | ❖ Badminton (Boys) |
| ❖ Chess (Boys & Girls)     | ❖ Cricket (Boys)            | ❖ Football (Boys)  |
| ❖ Table-Tennis (Boys)      | ❖ Volleyball (Boys & Girls) | ❖ Handball (Boys)  |



## ACHIEVEMENTS

This Sports Fest proved out to be very fruitful indeed as the Institute's Badminton (Boys), Basketball (Girls), Football (Boys) and Handball (Boys) Teams secured the Team Championships (Gold) whereas the Athletes bagged 05 Gold, 08 Silver and 09 Bronze Medals with the Girls Athletics Team secured the overall 2nd position in the tournament.



## TWO DAYS OPEN BADMINTON TOURNAMENT

NIT Kurukshetra held its first open Badminton Tournament for faculty and staff on 20 and 21 December 2021. This two days long competition witnessed enthusiastic participation from faculty members and staff of various departments, with 10 participants in the singles category and 6 teams in the doubles category showcasing their prowess in badminton. Mr. Nikhil Kumar from the Electrical Engineering Department clinched the singles title by defeating Dr. Pankaj Verma of the Electronics and Communication Engineering Department by 15-12, 12-15, 15-13 points in a nail-biting final. The third place went to Dr. Gaurav Saini of the Department of Electronics & Communication Engineering. In the doubles category, Dr. Pankaj Verma and Mr. Satyendra had to battle it out with Professor P. C. Tiwari and Dr. Gaurav Saini, finally winning the first position by 14-21, 21-18, 16-21 points in a thrilling 3-set match. The third position went to Mr. Nikhil and Mr. Mahendra from the Electronics and Communication Department, who defeated Mr. Aakash and Mr. Rajesh by 15-13, 13-15, 16-14 points. Apart from this, Shri Vivek Sharma worked relentlessly for two days to make this tournament a success. Held under the 'Fit India Mission', the tournament concluded with the prize distribution ceremony by the Chief Guest – the Institute's acting Director Professor Akhilesh Swarup. He motivated the players by highlighting the importance of sports in our day-to-day lives, and stressed upon the necessity of holding such tournaments in the Institute.



## ACADEMIC ACTIVITIES

### TRAINING/CONFERENCE/SYMPOSIUM ETC.

**Attended by Faculty Members from July 2021 to June 2022**

Sr. No	Name of the faculty & Designation Prof./Dr./Sh./Ms	Area of Training	Type	Venue (Online mode)	Duration of Training
1.	Atma Ram Gupta Asst. Prof., EED	International Conference on Smart Energy & Advancement in Power Technologies 2021	IC	NIT Jamshedpur	6.9.21 – 8.9.21
2.	S. K. Madan Professor, CED	Online Advanced Course on Corrosion of Reinforcement and its Control (CRC-2021)	STC	CSIR-Structural Engg. Research Centre, Chennai	7.10.21 – 8.10.21
3.	Priyanka Ahlawat Asst. Prof., CoED	3rd International Conference on Machine Learning, Advances in Computing, Renewable Energy and Communication (MARC-2021)	IC	Krishna Engineering College, Ghaziabad	10.12.21– 11.12.21
4.	Vikram Singh Asst. Professor, CoED	21st International Conference on Intelligent System Design & Applications	IC	Machine Intelligence Research Labs (MIR Labs), USA	13.12.21– 15.12.21
5.	Y. Dwivedi Asst. Prof., Physics	IEEE International Conference on IoT for Rural Healthcare (CIRH-2021)	IC	Vignan's Foundation for Science, Technology & Research, Vadlamudi, Guntur Distt. (Andhra Pradesh)	16.12.21– 18.12.21
6.	Smita Sonker Asst. Prof., Maths	6th International Conference on Soft Computing :Theories & Applications	IC	Indian Institute of Information Technology, Kota (Rajasthan)	17.12.21– 19.12.21
7.	Vikas Choudhary Professor, HSS	Intl. Conf. on Resilience and Transformation for Global Restructuring – 2022 (offline mode)	IC	Malaviya National Institute of Technology, Jaipur	7.1.22 – 9.1.22
8.	S. K. Madan Professor, CED	Online Advanced Course on Geopolymer Concrete (GCON-2022)	STC	CSIR- Structural Engg. Research Centre, Chennai	27.1.22 – 28.1.22
9.	Ashwani Kumar Professor, EED	Online GIAN course on "Precision Positioning Systems : Dynamics and Control	STC	NIT Kurukshetra	31.1.22 – 04.02.22
10.	Jyoti Ohri Professor, EED	Online GIAN course on "Precision Positioning Systems : Dynamics and Control	STC	NIT Kurukshetra	31.1.22 – 04.02.22



Sr. No	Name of the faculty & Designation Prof./Dr./Sh./Ms	Area of Training	Type	Venue (Online mode)	Duration of Training
11.	Arun Goel Professor, CED	Roorkee Water Conclave -2022 (offline mode)	IC	Indian Institute of Technology Roorkee	2.3.22 - 4.3.22
12.	Smita Sonker Asst. Prof., Maths	3rd International Conference on Mathematical Modeling, Computational Intelligence Techniques and Renewable Energy (MMCITRE)	IC	University of Technology Sydney	4.3.22 - 6.3.22
13.	Monika Mittal Associate Prof., EED	7th Annual Women's Meet (AWM 2022-A Scientific Workshop)	WS	Venus Intl. Foundation, Chennai	5.3.22
14.	Rajender Kumar Professor, DBA	62 Labour Economics Conference (offline mode)	C	IIT Roorkee	11.04.22 - 13.04.22
15.	M. Senthilkumar, Asst. Professor, Chemistry	Visiting for research interaction /data collection (offline mode)	Visit	IIT, Roorkee	15.04.22- 16.04.22
16.	Vijay Verma Asstt. Professor, CoED	International Conference on Advancements in Interdisciplinary Research	IC	Motilal Nehru National Institute of Technology Allahabad	06.05.22- 07.05.22
17.	Ashwani Kumar Professor, EED	Training on Intelligent Power Transmission & Distribution Systems (offline mode)	T	IIT, Kanpur	18.05.22- 22.05.22
18.	Vikas D. Ghule Asstt. Prof., Chemistry	13th Intl. High Energy Materials Conference & Exhibits (HEMCE-22)(offline mode)	C	TBRL, DRDO, Chandigarh	26.05.22- 28.05.22
19.	Vijay Verma Asstt. Professor, CoED	International Conference on Data & Information Sciences	IC	Raja Balwant Singh Engg. Technical Campus, Bichpuri, Agra	03.06.22- 04.06.22
<b>International Conference (Abroad)</b>					
1.	Dr. Atma Ram Gupta Asstt. Professor, EED	Intl. Conf. on Technologies and Materials for Renewable Energy, Environment & Sustainability	IC	Metz- Grand Est. France (Through online mode)	9.05.22- 11.05.22
2.	Dr. Vikas Choudhary Professor, HSS	1341st Intl. Conf. on Advances in Business Management & Information Technology - 2022	IC	Kuala Lumpur, Malaysia	01.06.22- 02.06.22
3.	Dr. Rajender Kumar Professor, DBA	1341st Intl. Conf. on Advances in Business Management & Information Technology - 2022	IC	Kuala Lumpur,	01.06.22- 02.06.22

## ACADEMIC ACTIVITIES

### LIST OF TRAINING/CONFERENCES/SYMPOSIUM ETC.

Conducted during July 2021 to June 2022

Sr. No.	Title	Coordinators	Department	Duration
1.	International Conference on Advances in Data Computing, Communication and Security (I3CS)	Dr. Chhagan Charan Assistant Professor Dr. Shweta Meena, Assistant Professor Dr. Santosh Kumar, Co Assistant Professor	Department of Electronics and Communication Engineering	Sept. 8-10, 2021
2.	STC on Advances in Modeling and Control of Robotics	Prof. Sathans Professor Dr. M P R Prasad Assistant Professor Dr. Bhanu Pratap Assistant Professor	Department of Electrical Engineering	Oct. 18-23, 2021
3.	9th National Conference on "Nanoscience and Instrumentation Technology (NCNIT-2021)	Dr. Ashavani Kumar, Professor Dr. Y. Dwivedi Assistant Professor Dr. A K Tripathi Assistant Professor Dr. Prakash Chand Assistant Professor	Department of Physics	Nov. 20-21, 2021
4.	Two days Workshop on NPTEL Initiatives & Ethics of Content Creation	Prof. Mayank Dave Professor Dr. Anoop Kumar Assistant Professor Dr. Vikram Singh Assistant Professor	Department of Computer Engineering	Dec. 08-09, 2021
5.	Workshop on Energy Conservation, Efficiency and Sustainability	Dr. Ratna Dahiya Professor Dr. Shelly Vadhera Associate Professor Mr. Sukhchain Singh Assistant Professor	Department of Electrical Engineering	Dec. 13-17, 2021



Sr. No.	Title	Coordinators	Department	Duration
6.	International Online Conference on Sustainable Development in Civil and Electrical Engineering (SDCEE-2021)	Dr. K.K. Singh Professor Dr. Ashwani Kumar, Professor Dr. Ashwani Jain Professor	Department of Civil Engineering & Department of Electrical Engineering	Dec. 17-19, 2021
7.	STC on Grid Modernization : Opportunities and Challenges (GMOC-2021)	Prof. Ashwani Kumar Professor Dr. Shivam Assistant Professor Dr. Pradeep Kumar Assistant Professor	Department of Electrical Engineering	Dec. 20-24, 2021
8.	International Conference on Smart Computing and Communication Systems (ICSCC-2022)	Dr. Ashutosh Kumar Professor	Department of Computer Applications	Jan. 28-29, 2022
9.	Workshop on Design and Simulation using Ansys	Dr. N. K. Singh Associate Professor	Department of Mechanical Engineering	Feb. 28, 2022- March 2022
10.	Online Self-Financed Short Term Training Program on "Research Methodologies and Scientific Research Writing using LaTeX" (RMSRI-2022)	Dr. Vrinda Gupta Associate Professor Dr. T N Sasamal Assistant Professor Dr. Gaurav Saini Assistant Professor	Department of Electronics & Communication Engineering	Mar. 12-16, 2022
11.	Two Days National Workshop on Value Based Education	Dr. Rajender Kumar Professor Dr. Vikas Choudhary Professor	Department of Business Administration & Department of Humanities and Social Sciences	April 9-10, 2022
12.	National Workshop on Computer Science/I.T. with Vidya Bharati Uchcha Shiksha Sansthan, Noida	Dr. Sandeep Sood Associate Professor Dr. Gaurav Saini Assistant Professor	Department of Computer Applications & Department of Electronics and Communication Engineering	May 25-26, 2022



**Two Days Workshop on the 'Role of Bhagavad Gita in Promoting World Security and Peace' organized by Department of Humanities and Social Sciences during March 10-11, 2022.**



**Five Days Workshop on "Role of Bhagavad Gita in Promoting Judiciary System, Human Rights and National Security" organized by the Department of Humanities and Social Sciences during May 05-09, 2022 to celebrate the 482nd Birth Anniversary of Maharana Pratap Ji.**



## AWARDS & ACHIEVEMENTS

### Best Faculty Award:

**Following Faculty Members were conferred Lifetime Contributions  
on 5th September, 2021**



**Dr. Dinesh Kumar**

Professor  
Department of  
Chemistry



**Dr. Subodh Ranjan**

Professor  
Department of  
Civil Engineering



**Dr. A. Swarup**

Professor  
Department of  
Electrical Engineering



**Dr. Rajender Kumar**

Professor,  
Department  
of Business  
Administration

Dr. Mayank Dave, Professor, Department of Computer Engineering has been selected as Member, Executive Committee (ExeCom) of IEEE Delhi Section for 2022. Founded in 1884 in the USA, IEEE or Institute of Electrical and Electronics Engineers is one of the largest and oldest engineering professionals' associations dedicated to advancing technology for the benefit of humanity.

Prof. Ashwani Kumar Professor, Electrical Engineering Department selected as Fellow of IETE, India F-502797.

Prof. L M Saini, EED name included in World Top 2% Scientist ranking list released by Elsevier, researched by Stanford University, USA.

Dr. Ashutosh Kumar Singh has been included in the World Top 2 % Scientist list as released by Elsevier researched by Stanford Univ. USA for the year 2021. His area of specialisation includes: Quantum Computing, Logic Design, Artificial Intelligence, Big Data and Cloud Computing.

Dr. Sandeep Kumar Sood has been included in the World Top 2 % Scientist list as released by Elsevier researched by Stanford Univ. USA for the year 2021. His area of specialisation includes: Information & Communication Technologies – Networking & Telecommunications – Artificial Intelligence & Image Processing.

Dr. B.B. Gupta (Assistant Professor) received Young Faculty Research Fellowship Award (37 Lakhs), by MeitY, Govt. of India, 2017. It provides fellowship @ Rs. 20,000 per month in addition to the regular income and annual grant of Rs. 5,00,000 for research expenses and presenting research work, to be granted for a period of upto 5 years.

Vikram Singh was awarded with the Best Paper Award for a Research paper entitled 'Evaluating Models for Better Life Expectancy Prediction' at Springer Sponsored International Conference on Computational Intelligence and Data Analytics (ICCIDA), Jan 08-09, 2022, Hyderabad, India.

Two faculty members (Dr. B.B.Gupta and Dr. Mantosh Biswas) got five PhD seats under Visvesveraya PhD scheme of Deity, Govt. of India. This scheme offers a fellowship @31,500 p.m. (I & II year); 35,000 (III to V year). It also supports attending international conferences up to Rs.50,000 per conference.

Dr. Amit Kumar and Prof. Sathans received from the Union Ministry of Energy - Department of Power Prize Award for the paper entitled 'Impact of TCPS, SMES and DFIG on Load Frequency Control of Nonlinear Power Using Differential Evolution Algorithm', published in the Series B Journal of IEI, Vol. 100, Issue 2. It was presented at the Prize Distribution Ceremony of the 36th Indian Engineering Congress held at Vigyan Bhawan, Maulana Azad Road, New Delhi on December 26, 2021.

Best Paper Award was given to Dr.Sarika Jain, Pooja Harde, Nandana Mihindukulasooriya, 'NyOn - A Multilingual Modular Legal Ontology for Representing Court Judgments', at the International Semantic Intelligence Conference (ISIC 2022) held during May 17-19, 2021, Georgia Southern University (Armstrong Campus), Savannah, United States.

Abhishek Srivastava, C. R. Mariappan, M. P. R. Prasad received Best Paper award for the paper titled "Model Predictive controller in an Autonomous Vehicle" in International Conference on Innovation Challenges and Advances in Engineering and Technology (ICAET 2021) organized by Department of Mechanical Engineering, Vishwaniketan's Institute of Management Entrepreneurship and Engineering Technology (VIMEET), Khalapur, India held from 5-6 September 2021.

### **Three Software copyrights have been granted to:**

Shiva Prasad Reddy Puchala, Jitender Kumar Chhabra, Amit Rathee, "Software Tool for Extracting Structural Dependencies among Java Classes in The Source Code", No SW-14721/2021 dated 13-7-2021.

Shiva Prasad Reddy Puchala, Jitender Kumar Chhabra, Amit Rathee, "Software Tool For Extracting Semantic Features In Java Software", No SW-14722/2021 dated 13-7-2021.

Shiva Prasad Reddy Puchala, Jitender Kumar Chhabra, Amit Rathee, "Software Tool for Extracting Directory Structure Based Dependencies Among Java Source Code Files and Folders", No SW-14723/2021 dated 13-7-2021.



## SPONSORED RESEARCH PROJECTS

### June 2021 to July 2022

Year	Name of Faculty (Principal Investigator)	Name of the Funding Agency	Title of the project	Total Amount Sanctioned (In Lacs)
2021-22	Dr. Gian Bhushan, PI Dr. Pankaj Chandna, Co-PI	SPIC (DRDO)	Design and Analysis of Jet Deflector and its Support Structure	9.842
2021-22	Dr. Pankaj Chandna, PI Dr. Gian Bhushan, Co-PI	SPIC (DRDO)	Design of a light weight container for transportation and storage of a store	12.902
2021-22	Dr. Preet Lata, PI Dr. Shelly Vadhera, Mentor	WOS-B Scheme Under DST	Waste Management in North Indian Villages by Developing Reliability based Microgrid with Solar and Biomass Energy	23.90
2021-22	Dr. Ashavani Kumar, PI Dr. Prakash Chand, Co-PI	DRDO	Development of synergetic dielectric and magnetic loss materials composite for high performance microwave absorption applications	31.21



Sonam Bhardwaj, PhD Scholar in the Department of Computer Engineering has been selected for India's Science and Engineering Research Board (SERB) Overseas Visiting Doctoral Fellowship Program (OVDF) at Purdue University, USA. She is one of 25 PhD students selected from India at Purdue for the third cohort of this prestigious one-year research program. Under this MOU arrangement, the selected candidate remains enrolled in the PhD program at their home institution but continues the research work in the laboratory in Purdue University. Sonam Bhardwaj has joined the Cyber2S Lab of the Department of Computer Science at Purdue in January 2022. At NIT Kurukshetra her supervisor is Prof. (Dr.) Mayank Dave and at Purdue University she is completing her research under the supervision of Prof. (Dr.) Elisa Bertino.

The OVDF program was started by SERB with the aim and commitment to a sustainable institutional partnership between Purdue and the applicant's home institution.

## MEMORANDUM OF UNDERSTANDING

	Signing Date
Siemens Industry Software (India) Private Limited And CoreEL Technologies Pvt. Ltd.	22.03.2019
C-DAC, Mohali	16.09.2019
Indian Space Research Organisation (ISRO), Bengaluru	04.11.2019
EdCIL (INDIA) Limited., A CPSE UNDER MHRD, TMPLEMENTTNG PARTNER FOR STUDY IN INDIA, A PROGRAMME UNDER MINISTRY OF HUMAN RESOURCE DEVELOPMENT, GOVERNMENT OF INDIA	10.11.2019
CSIR-Central Scientific Instruments Organisation Chandigarh	11.11.2019
IA INDIA ACCELERATOR PVT. LTD. GURGAON,	12.12.2019
Haldia Institute of Technology West Bengal	12.12.2019
L&T Technology Services Ltd, Mumbai	05.12.2019
NSE Academy Limited, Mumbai	03.03.2020
National Highways Authority of India	01.12.2020
Ministry of Micro, Small and Medium Enterprises	30.12.2020
Haryana State Pollution Control Board and NIT Kurukshetra and Municipal Corporation, Faridabad	17.03.2021
Central Manufacturing Technology Institute Bangalore	14.06.2021
CSIR-Advanced Materials And Processes Research Institute, Bhopal	20.08.2021
HDFC Bank Mumbai	05.10.2021
United Nations Educational, Scientific, and Cultural Organization (UNESCO) Mahatma Gandhi Institute of Education for Peace and Sustainable Development( MGIEP)	02.03.2022
Rajyoga Education and Research Foundation (RERF) Education wing, Mount Abu and NIT Kurukshetra to establish and maintain a "Thought Lab" at the campus of NIT Kurukshetra with operational and technical assistance of RERF, Education wing, Mount Abu.	27.04.2022
Defence Research and Development Organisation (DRDO)	26.05.2022
Guru Gobind Singh Indraprastha University (GGSIPU), Delhi	26.05.2022



**Siemens Centre of Excellence  
National Institute Of Technology Kurukshetra**

**MEMORANDUM OF UNDERSTANDING**

Sr. no.	Organisation	Address	Signing date
1	KIET Group of Institutions Ghaziabad	Ghaziabad, Uttar Pradesh	04.06.2021
2	SRMS CET Bareilly	Bareilly, Uttar Pradesh	16.07.2021
3	GH Rasoni,	Dhoda Borgaon Mal., MP	12.05.2021
4	Poornima Engineering College Jaipur	Jaipur, Rajasthan	25.05.2021
5	S.I.E.T Nilokheri	Nilokheri, Haryana	29.06.2021
6	University of Engineering & Management (UEM), Jaipur	Jaipur, Rajasthan	28.06.2021
7	CT University Jalandhar	Jalandhar, Punjab	28.07.2021
8	Shobhit University Meerut	Meerut, Uttar Pradesh	07.07.2021
9	Shobhit University Saharanpur	Saharanpur, Uttar Pradesh	07.07.2021
10	Inderprastha Engineering College Ghaziabad	Ghaziabad, Uttar Pradesh	14.09.2021
11	Department of Technical Education Government of Uttar Pradesh	Uttar Pradesh	12.04.2022



NIT Kurukshetra signed MoU with UNESCO



MoU between NIT Kurukshetra and Heartfulness Education Trust (HET)

## **EDITORIAL TEAM**

**Prof. Mahesh Pal**

Dean (R & C)

**Dr. Shahida**

Faculty-in-Charge

Institute Newsletter and Magazine

**Student Members**

**National Institute of Technology Kurukshetra**

(Institution of National Importance)

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