



# डा बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान जालन्धर DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

Volume 8, Issue 3 September 2023



NIT Jalandhar has been ranked 351-400 in 'THE (Times Higher Education) Asia and Young University Ranking'



## From The Director's Desk



Greetings from Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab! It is with immense joy and pride that I extend my heartfelt congratulations to each one of you for the stellar achievements and transformative endeavours that define the recent journey of the National Institute of Technology Jalandhar (NITJ).

The year 2023 witnessed a myriad of achievements - which is evident in the recent international and national rankings, such as THE (Times Higher Education) Asia and young university rankings (351-400), QS Asia university ranking (651-700), THE world university ranking under the Engineering category (601-800), THE world university ranking (1001-1200), and NIRF (Engineering) ranking (46).

Another significant milestone is our alignment with the principles outlined in the National Education Policy 2020. The policy introduced for the 2023 batch paves a way

ahead into the transformative era of education by embracing multidisciplinary education, skill development and introducing the concepts of value-added courses and choice-based credit system.

Embarking on a journey of collaboration, we have inked a Memorandum of Understanding with Vardhman Textiles. This symbolic pact is not just an agreement; it is a testament to our shared commitment to fostering innovation, knowledge, and excellence.

In the corridors of NIT Jalandhar, knowledge doesn't just reside in classrooms. It reverberates through the multitude of Short Term Courses, Workshops, International conferences, and Expert talks. Your participation in these endeavours is a testament to your hunger for knowledge and your eagerness to shape a brighter future.

Our cultural tapestry is woven with the vibrant threads of Bharat Dhawani, Tiranga Yatra, Swachhta Pakhwada, National Unity Day and many other events that bind us together as one resilient NIT Jalandhar family.

In the pursuit of knowledge, the Department of Textile Engineering has been granted a monumental project of Rs 10 crore from the Ministry of Textiles, Government of India. This achievement is a testament to our faculty's prowess and marks a significant milestone toward ground-breaking research that will shape the future of our field. Numbers alone cannot capture the essence of our scholarly pursuits. The 404 publications in the Web of Science and 918 publications in Scopus represent the collective intelligence, dedication, and passion of our academic community. The institute has secured research projects and consultancy worth more than 15 Crores this year. More than 60 IPRs have been published, with the transfer of technology underway.

I take this occasion to congratulate the deans, registrar, academic and non-academic staff as well as students for their efforts in making a wonderful environment of learning at NITJ. I wish you all the strength to work through the bitterness to reach the zenith of success, and bring laurels to our institute and yourselves. Let the spirit of NIT Jalandhar continue to shine bright, illuminating the path for generations to come.

Jai Hind!

**Prof Binod Kumar Kanaujia**  
Director

## Inside this Issue

CONTINUING EDUCATION | IMPORTANT EVENTS | STUDENTS' CORNER  
FACULTY ACCOMPLISHMENTS | RESEARCH PUBLICATIONS | MEDIA COVERAGE



NIT Jalandhar has been ranked 651-700 in  
'QS Asia university ranking 2023'



## *From The Registrar's Desk*



Greetings from Dr B R Ambedkar National Institute of Technology Jalandhar, Punjab!

I am delighted to extend my heartfelt congratulations for the remarkable achievements and milestones that have shaped the recent trajectory of the National Institute of Technology Jalandhar (NITJ). It is truly an honour to witness the collective efforts and dedication that have propelled our institution to new heights.

In the pursuit of academic and research excellence, NIT Jalandhar has established significant partnerships through the signing of Memorandums of Understanding (MOUs). These agreements serve as the cornerstone for collaborative endeavours, opening doors to new opportunities for our students and faculty. The institute has attained high-quality publications, secured research projects and consultancy worth crores, and witnessed substantial growth in entrepreneurship activities.

Our student clubs and societies continue to be the heartbeat of our campus. The enthusiasm and creativity displayed by these groups contribute significantly to the holistic development of our students. It is heartening to witness the passion and innovation emanating from these vibrant hubs of student activity. With events such as Engineer's Day, Martyrdom Day, Har Ghar Tiranga and Dahi Handi, our campus has come alive with the vibrancy of cultural celebrations. Such celebrations reveal the cultural diversity of our community and the collective spirit that binds us together.

NIT Jalandhar has become synonymous with hosting a diverse array of events that go beyond the traditional realms of academia. Whether it's workshops, seminars, or conferences, each event contributes to the overall growth and development of our students and technical staff, providing them with opportunities to learn, collaborate, and showcase their talents. As we reflect on these achievements, let us also look forward with optimism and determination.

I would like to express my gratitude to all the stakeholders – students, faculty, staff, alumni, and well-wishers – for their unwavering support and dedication. Your collective efforts are the driving force behind our achievements. I am confident that with the concerted efforts of all of us, NITJ shall continue to excel in all spheres of its endeavours.

In the end, I would like to place on record the appreciation for the team work led by the Editorial Board for bringing this issue of Newsletter.

Jai hind!

**Professor Ajay Bansal**  
Registrar



## CONTINUING EDUCATION

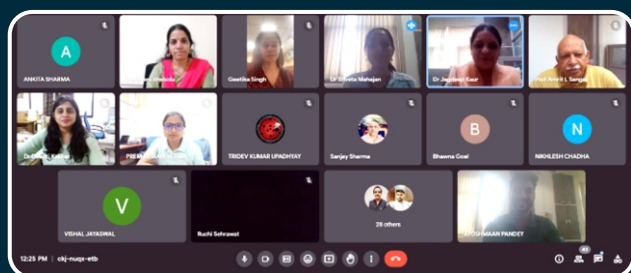
### Conferences

- » International Conference on MAchine inTElligence for Research & Innovations (MAiTRI-2023) organized by Department of Instrumentation and Control Engineering NITJ from September 1<sup>st</sup> – 3<sup>rd</sup> 2023.



### STC / FDP

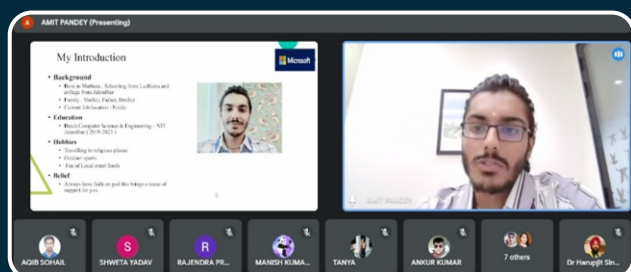
- » One-week e-STC on 'Recent Trends in Cyber-Physical Systems and Big Data' sponsored by Agmatel India Pvt Ltd Delhi organized by Department of Computer Science & Engineering from September 4-8, 2023. The event included lectures delivered by various experts from reputed organisations and a hands on session by a representative from Agmatel India Pvt Ltd. Over 50 participants attended the event.



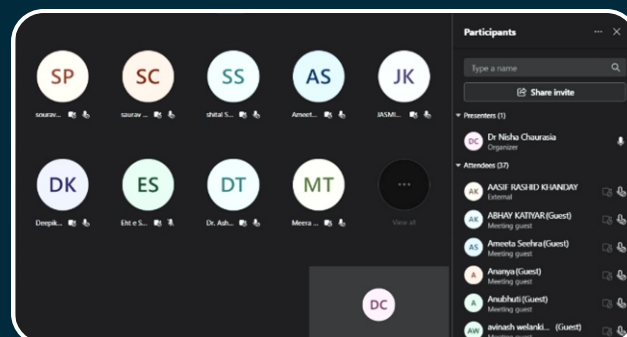
- » Department of Biotechnology organized Self-sponsored one-week Faculty Development Program/Short-Term Course (FDP/STC) on 'Recent Advancement in Biomaterials and Nanotechnology for Biomedical Applications' from September 28 - October 2, 2023.



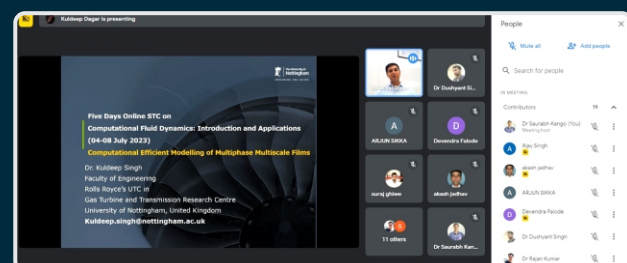
- » Self-sponsored one-week online Short-Term Course on 'Challenges and Opportunities for Engineers: Industry' organized by Department of Instrumentation and Control Engineering NITJ from July 12th – 16th, 2023.



- » Five days STC on 'Artificial Intelligence for Next Generation IoT Networks' organized by Department of Information Technology of our institute from September 11-15, 2023.



- » Self-Sponsored STC on 'Computational Fluid Dynamics: Introduction and Applications' organized by Department of Mechanical Engineering from July 04 - 08, 2023.





## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> Five days Regional Science Congress (September 19-23, 2023) under the aegis of Navodaya Vidyalaya Samiti Regional Office Chandigarh got underway at the DR B R Ambedkar National Institute of Technology, Jalandhar (NIT), organized by Jawahar Navodaya Vidyalaya Maseetan, Kapurthala from Jalandhar. This Regional Science Congress is being attended by as many as fifty JNVs from Punjab, HP and the Union Territory of J&K, Ladakh. Sh D D Sharma, Assistant Commissioner NVS RO Chandigarh expressed his gratitude to the National Institute of Technology Jalandhar for providing this golden opportunity to the budding Scientists from the JNVs across the region. Welcoming the participants to this meet, Sh Ashok Kumar Sharma, Principal JNV Kapurthala said that this was a golden opportunity for the meritorious students as they would get a first-hand experience to learn from the best minds from the field of Science and Technology. In his keynote address Director NIT Jalandhar, Prof Binod Kumar Kanaujia expressed his deep satisfaction that young and budding Science students from various JNVs are attending this Science Congress. He assured full cooperation for making this event a grand success. The five days Science Congress will include guest lectures by the NIT faculty members, a visit to the Pushpa Gujral Science City, Kapurthala and visits to the various laboratories in the sprawling campus of the NIT Jalandhar.

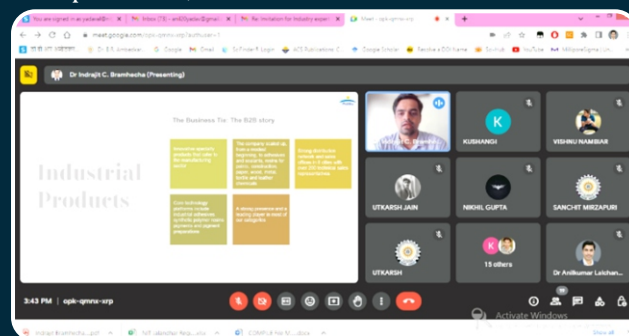


### Workshops / Webinars

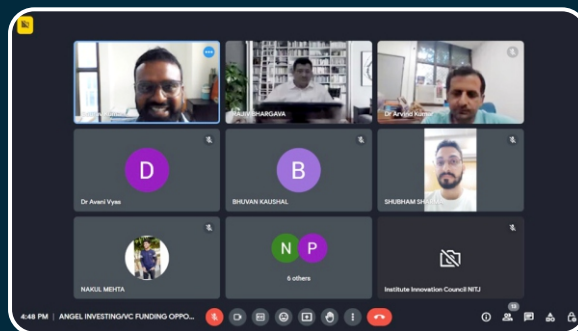
>>> An expert talk on Career options after graduation by Ruhani Kohli from Bulls Eye organized by TexStyle Society of the Department of Textile Technology on August 10, 2023.



>>> An expert talk on 'Importance of Coating and laminating in Technical Textiles' by Dr Indrajit Brahmecha from Pidilite organized by Department of Textile Technology on September 9, 2023



>>> Institution Innovation Council (IIC) NITJ was privileged to host a highly informative and engaging session on Angel Investment/ VC Funding Opportunity for Early Stages of Start-ups on July 21, 2023. The session was conducted by Prof Ashish Arora, GNDU College, Jalandhar and Col Rajiv Bhargava, Indian School of Business (ISB), Mohali. The sessions took place today in an online mode and witnessed enthusiastic participation from aspiring entrepreneurs, students, and faculty members. The sessions are planned to empower budding entrepreneurs with crucial insights into the world of angel investment and venture capital funding. Prof Ashish Arora demystified the concept of angel investment, elaborating on the role of angel investors as high-net-worth individuals who provide financial support to start-ups in exchange for equity ownership. He emphasized how angel investors can be a valuable resource for early-stage start-ups, offering not only capital but also mentorship and industry connections. The other session delved into the realm of venture capital funding, wherein Col. Rajiv Bhargava elucidated the different stages of venture capital financing and the criteria that venture capitalists look for when evaluating start up opportunities. He discussed the significance of a strong business model, market potential, and management team in attracting venture capital investments. Both speakers emphasized the importance of a thriving start up ecosystem and how aspiring entrepreneurs can leverage incubators, accelerators, and networking platforms to gain visibility and access funding opportunities. The speakers highlighted the significance of conducting thorough due diligence when considering investment offers.







- >>> A one-day workshop under IIC scheme on 'Sessions on Angel Investment/VC funding opportunity for early stage entrepreneurs' has been organized by Department of Information Technology on July 21, 2023



## IMPORTANT EVENTS

- >>> On the day of Chandrayaan 3's momentous moon landing, the students of NIT Jalandhar came together to commemorate this historic achievement. They organized a live stream event to witness the milestones and celebrate the remarkable success of our scientists in this conquest. Since inception, the Indian Space Research Organization (ISRO) has tirelessly worked to expand the frontiers of human capability, enriching our understanding of the cosmos and elevating our technological prowess. On the 14th of July, 2023, our nation embarked on a new journey when Chandrayaan-3 mission was launched as a follow up to Chandrayaan-2, to demonstrate our end-to-end capability and roving on the lunar surface. The mission is a symbol of our country's unwavering commitment to pushing the boundaries of human knowledge.



- >>> NITJ proudly celebrated the Chandrayaan 3 Mahotsav, scheduled for September 4, 2023, in honour of the successful landing of Chandrayaan 3, India's lunar mission. The event was graced by the esteemed presence of DRC (Dean of Research and Consultancy) J N Chakraborty, and Dr B S Saini, IIC club president, other faculty members and participants. A thrilling quiz competition was organized, drawing the enthusiastic participation of over 100 students. Awards were bestowed upon the brightest minds, recognizing their outstanding achievements. The video of landing of Chandrayaan-3 is also displayed during the celebrations. The Chandrayaan 3 Mahotsav concluded on a jubilant note, with students embracing this momentous occasion with unbridled enthusiasm, a testament to India's unwavering spirit of exploration and discovery.







## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> NIT Jalandhar conducted an orientation programme for the 2023 batch, from August 21-25, 2023. This programme aimed to acquaint the students with the campus and facilities provided at NIT Jalandhar, familiarize them with the academic framework, student activities held throughout the year, their daily schedules and glimpse into hostel life. Prof Kanaujia, Director of the institute motivated the students and highlighted the accomplishments of NIT Jalandhar over the past year. The event was graced by Prof Ajay Bansal (Registrar), Dr Harsh K Verma (Dean Academics), Dr Anish Sachdeva (Dean Student Welfare), Dr Rohit Mehra (Associate Dean PG), Dr Mamta Khosla (Associate Dean UG), other Deans and Associate Deans, Chief Warden, Deputy Chief Warden and wardens of the institute's hostels. The students received valuable information about the revised academic framework which has been structured in accordance with the National Education Policy. These policies introduced for the 2023 batch pave a way ahead into the transformative era of education by embracing multidisciplinary education, skill development and introducing the concepts of value-added courses and choice-based credit system. NIT Jalandhar is currently running 13 UG, 20 PG programmes along with Ph D programmes and newly introduced integrated BSc-BED programme.



>>> A meet was organized for NIT Directors at Rashtrapati Bhawan on July 10-11, 2023 which was attended by heads of all NITs. Prof Binod Kumar Kanaujia, Director of NIT Jalandhar, participated in this national event, where Hon'ble President Smt Droupadi Murmu and Hon'ble Education Minister Shri Dharmendra Pradhan discussed various aspects of educational development in higher technical education. During the event, Prof Kanaujia briefed President Smt Droupadi Murmu and Hon'ble Education Minister Shri Dharmendra Pradhan about the ongoing activities at NIT Jalandhar. This fruitful discussion encompassed a wide range of topics pertaining to the research and development activities at NITJ. Further, Prof Kanaujia highlighted the institution's notable achievements and discussed strategies for further enhancing the institute's performance and aiming to achieve better NIRF ranking. In inaugural address of honorable President, Mahamahim emphasized that higher-learning institutions should prioritize the character-building of youth besides the technical skill, and also aiming to develop modern knowledge of science and technology, for leading to the betterment of society and the country.







## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> As a part of the joint effort by the Department of Education, District Forest Department, and NIT Jalandhar, the tree plantation drive commenced in the campus and nearby areas. Prof Binod Kumar Kanauija (Director, NIT Jalandhar) graced the event as the Chief Guest, Registrar, NIT Jalandhar as the Guest of Honor. The event witnessed the presence of Sh Jarnail Singh Bath from the District Forest Department, Sh Hargurnek Singh Randhawa, Range Forest Officer, and Horticulture Wing coordinators, Dr Om Prakash Verma, Dr Suneel Dutt, Mr Kiran Kumar, and Assistant Registrar Mr Rakesh Kakkar. During the launch event, the dignitaries came together to plant the first set of saplings, symbolizing the commencement of this important environmental endeavor. The "MeriLIFE Mission" represents a move towards nurturing nature and driving towards greener, healthier, and sustainable future. Through this tree plantation drive, awareness will be raised among students, faculty, staff, and local residents about the vital role of trees in maintaining ecological balance and preserving biodiversity. With a target of planting **One Crore** trees, this ambitious initiative aims to create a greener and healthier environment for the community.



Institution's Innovation Council (IIC) and Yukti 2.0 NITJ organized an Inter-Institutional LetStart'23 Start-up Pitching Competition August 11-13, 2023. A Start-up pitching competition was a contest between start-up, early-stage, and/or growing businesses. The goal of this competition was to develop and submit the original idea(s) or complete their existing business plans and reward the best three plans. Team 4B Solutions secured the first prize of Rs 10,000 working in the area of giving shapes to vegetable for ornamental purposes. Team ICS and Team Wrinkle Free, were the First and Second Runner Up respectively each garnering a prize of Rs 5,000. Team ICS works to produce the Geopolymer Paver Blocks (GPB) from waste

generated in thermal power plant i.e. Fly Ash (FA) and Pond Ash (PA). The paver blocks are mainly used in sideways and driveways due to their high strength and aesthetic presence. Wrinkle-free aims to provide a transformative solution to the time-consuming hassle of traditional cloth ironing. These events play a very crucial role in promoting innovation and entrepreneurship across the institutes. Research X, team from Kanya Maha Vidyalaya also wins the special appreciation award for their idea. Event received over 50 registrations from NITJ as well as other institutes, out of which 30 teams were shortlisted and called for presentation.

>>> The team Internship & Technical Affairs of IIC of NITJ celebrated the Engineer's Day on September 15, 2023 in memory of Bharat Ratna Sir M Visvesvaraya. The student organizing committee welcomed the honourable director and all dignitaries present during this occasion. The director of the institute inaugurated the event and interacted with each and every participant. He encouraged to organize similar events throughout the academic year. Dean R&C endorsed the views expressed by the worthy director. On this occasion around 40 PhD/PG students presented their research work through the poster /project presentations. First and second prize were given to poster presentation from various departments. A Logo design competition based on the theme "space mission of India" was also organized and best logos were awarded. Deans, HoDs, distinguished guest, the faculty members, and students witnessed the live competitions held on the Engineer's day.





## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> An event was organized on July 31, 2023 at NITJ to mark the Martyrdom Day of Shahid Udham Singh. The event was graced by Prof Kanojia (Director), Registrar, Dean Student Welfare, Associate Dean Student Welfare, Chairman, Team Cultural Affairs along with student coordinators, members of Literary and Debating Club, Music Club, and Photography Club. Udham Singh or Sher Singh, the avenger of hundreds of innocents, was an Indian revolutionary known for assassinating Michael O'Dwyer, the former lieutenant governor of Punjab in India on March 13, 1940. This act was done in revenge for the Jallianwala Bagh massacre in Amritsar in 1919, for which O'Dwyer was responsible. On this very date in 1940, he was hanged at Pentonville Prison, breaking the hearts of millions of Indians. The event began with a warm welcome address and an introduction to the Martyrdom Day of Shaheed Udham Singh. The dignitaries paid their respects by offering garlands to the patriot. This was followed by a heartfelt speech delivered by Himangi Malik from ICE 2<sup>nd</sup> year. Following this, a soul-stirring patriotic song was performed by Ayush Kashyap from ICE 2<sup>nd</sup> year, accompanied by Ayush Chaudhary from ICE 2<sup>nd</sup> year. Prof Binod Kumar Kanaujia motivated the students and reminded them of the sacrifices made by a brave soul like Shaheed Udham Singh for our nation. The event concluded with our National Anthem.



>>> The National Institute of Technology (NIT) Jalandhar is currently running courses as a part of the fourth phase of the Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0), a transformative initiative by the Government of India to skill and upskill the youth of our nation. PMKVY 4.0 is a flagship program under the Skill India Mission, which aims to empower the Indian workforce with industry-relevant skills to enhance employability and foster entrepreneurship. With the objective of creating a skilled and job-ready workforce, PMKVY 4.0 introduces several new features and improvements, making it more inclusive and effective. As a premier institute of the nation, NIT Jalandhar is running several courses as a part of this initiative to equip students and other aspiring individuals with the right skills to thrive in a rapidly changing job landscape. These are Associate Data Entry Operator, Web Development and PCB Assembly operator. With the launch of PMKVY 4.0, NIT Jalandhar will facilitate skill development training in collaboration with recognized training partners, industry experts, and government agencies. Our state-of-the-art infrastructure and experienced faculty members will play a pivotal role in imparting industry-relevant training and practical knowledge to the participants. Interested individuals are invited to join the institute in this transformative journey of skill development and economic empowerment. The enrollment process and further details about PMKVY 4.0 training at NIT Jalandhar will be available on the official PMKVY portal [[www.pmkvyofficial.org](http://www.pmkvyofficial.org)].



>>> The Akhil Bhartiya Shiksha Samagam, held on July 29-30, 2023, was a remarkable success in promoting education and governance. The event was graced by the esteemed presence of Hon'ble Prime Minister Shri Narendra Modi, Hon'ble Education Minister Shri Dharmendra Pradhan and was attended by heads of several higher educational institutions, schools and autonomous bodies. The event began with an inaugural address by the Hon'ble Prime Minister in which he addressed the exhibitors, Yuva sangam volunteers and Institution representatives. Honorable prime minister also visited all the stalls in exhibition. Honorable PM suggested different measures and benefits of NEP 2020. Hon'ble Prime Minister also laid emphasis on institute – industry interaction for real time skill development of students. Prof Binod Kumar Kanaujia, Director of NIT Jalandhar attended the event and interacted with the other stakeholders of education on various aspects of development in higher technical education. As an academican he indulged in a collaborative dialogue with educators and policy-makers, highlighting the recent achievements, research and development activities at NIT Jalandhar. A focus of these interactions was on the implementation measures of the National Education Policy (NEP) 2020 and new strategies for enhancing further research and development. Students and faculty members also attended the above event. This was followed by thought-provoking sessions such as access to Quality Education and Governance in to all stakeholders of Higher Education, as well as equitable and Inclusive education for diverse groups.





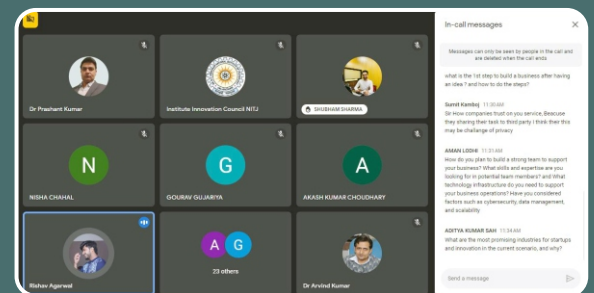


## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> A memorandum of understanding (MOU) has been signed between Department of Textile Technology NITJ and Vardhman Textiles Limited, Ludhian, India. The purpose of this MOU was to upgrade the qualification of the executives of Vardhman Textiles Limited, India. This was the first programme of its kind floated by NITJ in lieu of NEP-2020 where M Tech degree will be awarded to the working engineers of Vardhman Textiles Limited. Vardhman Textiles Limited agreed to admit ten candidates every year for this new M Tech Program. These candidates after getting M Tech degree from NITJ will be considered for higher technical assignments within Vardhman Textiles Limited. Both also agreed for joint research and sharing labs for all academic research in the area of textiles for the benefits for textile industries. Mrs Suchita Jain (Vice chairperson- Vardhman Textiles Limited), Mr Neeraj Jain (JMD of Yarn Business of Vardhman), Mr Rajeev Mehani (Vice president and HOD of corporate technical services), Mr Gurpreet singh (Chief General Manager of Baddi's spinning units of Vardhman), Ms Harmandeep (Executive, Corporate Technical Services), Dr Monica Sikka (HOD Textile Technology, NIT Jalandhar), Prof A Mukhopadhyay, Dr A K Choudhary were present. Professor Binod Kumar Kanaujia, Director NIT Jalandhar, Dr Ajay Bansal Registrar congratulated the department and also to Program Coordinators.



>>> On July 28, 2023 the Institution Innovation Council (IIC) NITJ hosted an online session on Innovation and Startup Ecosystem. In this session expert talk was delivered by Mr Rishav Aggarwal who was the founder and CEO of Picxele and Angle investor in many startups. The session on innovation and startup ecosystem was dynamic and informative aimed at inspiring entrepreneurs and fostering creativity within the startup community. Speaker Mr Aggarwal inspired students to explore the latest trends, strategies, and challenges in the world of innovation and startups. During the workshop, key elements of building a thriving startup ecosystem, including ideation, market research, funding opportunities, and effective business models were highlighted. This gave the participants valuable insights into identifying market gaps, understanding customer needs, and creating scalable solutions that have a real impact. Mr Rishav shared his personal experiences and success stories, offering practical advice on navigating the complexities of entrepreneurship.



>>> An event was organized on August 14, 2023 at NITJ to pay homage to millions of people who endured sufferings during partition. The event was graced by Prof Binod Kumar Kanaujia (Director), Registrar, Dean Student Welfare and other faculty members and students of the institute. The event began with a patriotic song that struck a chord with everyone, evoking memories of the painful chapter of India's Partition that left scars across generations. This was followed by a digital exhibition serving as a tribute to the countless lives lost, families displaced and communities uprooted during this phase. The exhibition was presented through clippings, that delved into the untold stories of bravery and devotion. The event concluded with our national anthem. The decision of our Honorable Prime Minister of India, Sh Narendra Modi to dedicate this day to the memory of those who suffered is a profound gesture that reinforces the Importance of preserving our shared past.







## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> NITJ proudly hosted the 'Tiranga Yatra' under 'Har Ghar Tiranga' campaign on August 14<sup>th</sup>, 2023, to commemorate 76<sup>th</sup> year of India's Independence. This event, held under the esteemed presence of Director Prof Kanaujia, symbolized the spirit of unity, patriotism, and the commitment of the institute to the growth and prosperity of our great nation. The 'Har Ghar Tiranga' campaign, which translates to 'A Flag in Every Home,' witnessed an overwhelming response from the NIT Jalandhar community. Participants actively displayed their love for the nation by hoisting the Indian National Flag at their homes and premises, contributing to the vibrant tapestry of the tricolor across the campus and beyond. Director Prof Binod Kumar Kanaujia, the torchbearer of this initiative, emphasized the significance of this campaign in fostering a deep sense of patriotism and national pride. He highlighted that the tricolor not only represents our history and struggle for freedom but also our commitment to a united and prosperous India. The presence of Director Prof Binod Kumar Kanaujia during the campaign added a significant touch of inspiration, and his commitment to the ideals of the campaign was evident as he led the "Har Ghar Tiranga" movement from the front. The Registrar, Deans, NCC and NSS coordinators, Chief-warden, wardens, faculty members and non-teaching staff were also present during the campaign.



>>> NIT Jalandhar celebrated India's 77th Independence Day on August 15, 2023, with zeal. Shri Subhash Chandra Ralhan, Chairman of the Institute's Board of Governors, hoisted the flag after a Guard of Honor. Prof Binod Kumar Kanaujia and Sh Ralhan highlighted values like self-sacrifice. Faculty and staff were honored, and vibrant cultural performances, including singing, dancing, skits, and poetry recitals, enthralled attendees.



>>> NITJ celebrated Swachta Pakhwada 2023 with great enthusiasm and dedication from September 15- October 02, 2023







## STUDENTS CORNER

## STUDENTS CLUBS

>>> **Rural Activity Club:** "The objective of the Rural Activity Club is to organize various activities in rural schools. The main motive is to guide, aware and encourages the students toward their bright future. Various lectures are carried out to aware the students about the latest technology and changeover.

>>> **Spice Club:** This society brings together professionals from a wide range of industries, including aerospace, automotive, defense, and energy, and provides them with the resources and support they need to succeed.



>>> **Ecstasy Club:** A fashion club of NITJ to promote the inner and outer beauty of the students and to give them stage confidence.

>>> **Netra Club:** It is a club of photographers of NIT Jalandhar. The club aims to create the opportunities for planning photography adventures or discussing the art form with like-minded friends. They also organise different events such as photo exhibition, online photography competition, photo walks, photo treasure hunt and many more events.



>>> **Team Daksh:** It was originated by a clique of students who had the notion to form a team that would give the team members a pragmatic approach toward the automotive field. Apart from studying the curriculum taught in the college, the team has put in a lot of endeavors to fabricate the vehicle distinguishing our vehicle from other vehicles at national as well as international level.

## Achievements:

- 2016- Secured 2nd position Nationally in effi cars, Chandigarh
- 2017- Secured 1st position Nationally in effi cars, Chandigarh
- 2018- Participated in esvc (experimented on concept of regenerative braking)
- 2019- Champion of Asia biggest solar electric vehicles champion ship
- 2020- Runner up of Esvc engineering (virtual)
- 2021- Runner up in ESVC engineering, best in crosspad, endurance
- 2022- Runner up in IKR Endurance



>>> **The Google Developer Student Clubs (DSC):** This program aims to empower university students with the skills and knowledge needed to become successful developers and leaders in their communities. The objectives of the program include:

1. Learning: To provide a platform for students to learn about various Google technologies, including Google Cloud Platform, Android, TensorFlow, and more.
2. Community Building: To create a community of students who are passionate about technology and interested in learning and sharing their knowledge with others.
3. Skill Development: To provide opportunities for students to develop their technical skills, including coding, design, project management, and entrepreneurship.
4. Collaboration: To encourage collaboration among students, faculty members, and industry experts to work on real-world projects and solve challenging problems.
5. Career Development: To help students prepare for careers in technology by providing them with access to industry leaders, job opportunities, and mentorship programs.
6. Overall, the Google DSC program aims to create a network of student developers who are well-equipped to succeed in the tech industry and contribute to the development of their local communities.





- >>> **Kalakaar:** This is the official dramatics club of NIT Jalandhar that strives to provide a platform to young, budding artists to showcase their talent and nurture their creativity. The club takes in talent in acting, music, writing, and video editing and has various performances like nukkad natak, skits, stageplays, mono acts, and mimes.



- >>> **Society of Electrical Engineers and Developers (SEED)** is a professional society that brings together individuals working in the field of electrical engineering. The society typically promotes the exchange of technical and scientific knowledge, and provides opportunities for professional development and networking.



- >>> **Fine Arts Society:** The Fine Arts Society, or "FAS," is the official club of NIT Jalandhar that promotes all areas of fine arts, including visual and graphic arts. FAS organises events all year long to inspire and support artistic endeavours and bring out the artist in each of us. Even complete beginners can quickly pick up brushes and make assured strokes because to the activities' superb learning environment. The club members, particularly the more recent ones, are also offered lots of chances to compete in art competitions. FAS holds the view that art can be created from everything and is not just restricted to paints and brushes. As a result, there is now a culture that encourages innovation through cooperation, experimentation, and creativity.



- >>> **Zeal Society:** Zeal Society is a thriving community dedicated to nurturing your speaking skills, interpersonal relationships, event management abilities, confidence, and leadership qualities. At Zeal, we follow the motto "grow together, educate together" and strive to create an environment that promotes personal and professional growth. To ensure that these skills are fostered in students, we organize several workshops, events, and meetups throughout the year.
- >>> **Poetry Slam:** The Zeal Society organized a Poetry Slam event from July 7 to August 12, 2023, inviting students to express their thoughts and emotions through poems on three themes: red, yellow, and blue. The winners were selected by a judging panel and Instagram likes.
- >>> **Zeal Day – Website launch:** The Zeal Society, an initiative aimed at igniting a passion for literature and learning launched its website on August 30, 2023. The virtual event, was conducted on Google Meet. Tushar Singla, Prakhar Mishra and Priyanshu Raj Roy, were the architects behind the Zeal Society website. Their hard work materialized into a user-friendly platform, showcasing literature, learning resources, and interactive forums for student engagement. The website unveiling marked a momentous occasion, symbolizing the culmination of collective efforts. Its design reflects the essence of Zeal Society, with an aesthetically pleasing interface fostering seamless navigation.





- >>> **Zeal Induction Phase 2:** The Zeal's Society, under the Department of Humanities and Management, had organized an induction phase-II event to warmly welcome new members from the 2nd and 3rd-year, as well as MBA students, into their close-knit dynamic family. These students were selected based on their outstanding performance in a rigorous interview session.
- >>> **Model United Nations – Mock:** On September 27, 2023, Zeal Society organized a mock MUN session with the aim of providing a dynamic platform for students, having a keen interest in diplomatic affairs, to simulate international relations, debate global issues, and craft viable solutions. More than 20 Students from the society participated enthusiastically in the event. During this MUN mock session, the attendees were informed prior about the agenda that would be taken up for the day. The allotted committee was United Nations Security Council and the agenda was to discuss the Question of Palestine. Participants were also informed about their respective delegations prior to the commencement of the session so that they could showcase their best skills and diverse ideologies. The session ended with the Formation of a resolution from two groups of like-minded delegations representing their views on the given situation and providing the best solutions possible.



- >>> **Animaniacs:** This is the first official animation club of NITJ. We are a creative community providing a platform for students to create and learn animation by working together in a fun and exciting atmosphere. Our vision is "to forge an environment of creativity and foster artistic growth and enrich innate talents".



- >>> **Regional Language Club:** To promote and nurture different regional languages of India.



- >>> **Creativity and Web Designing Club:** It is a community of individuals who share a passion for designing websites. The club provides a place for like-minded individuals to come together and share their knowledge and skills. Members of the club learn from each other, collaborate on projects, and explore the latest trends and techniques in web designing. This provides an opportunity to learn from each other and to bring a diverse range of perspectives to the design process.



## STUDENT'S ACCOMPLISHMENTS

- >>> Mr Sudhanshu Singh, PhD scholar from Textile Engineering has been received Best Project award in the project competition organized during the celebration of Engineer's Day on September 15, 2023.
- >>> Jigmet Stanzin Dadul (21103067) participated in HackMOL 4.0 held at NITJ organized by Google Developer Student Club.
- >>> Bhavya Sharma (21103038) has following achievements: Best Intern as Data Analyst at NoQs, interned as AI and Python developer at Codeclause, got ticket to attend Perspektywy Women in Tech Summit, selected in cohort 2.0, semi-finalist in Tata Crucible Quiz.
- >>> Keerti Singh (21103072) was selected to do internship at Amazon Hyderabad from May 29 to July 21, 2023. There were a total of 68 participants across India.
- >>> Vansh Uppal (22103159) participated in Inter year Cricket organised at NIT Jalandhar and won the Gold medal at Inter year Cricket tournament.
- >>> Nikita (22103108) participated in Ranbhomi invitational basketball tournament held at National Institute of Technology Kurukshetra on August 4, 2023. Total 8 teams were participating and Nikita got the bronze medal in the event.
- >>> Naseem Akhtar (22103105) participated in Inter NIT women's Athletics and Cricket tournaments. She participated in 100 m, 200 m, 4x100m relay, and Long Jump, securing second position in all events. She also participated in a 400m event and secured third position.
- >>> Sunandhit Gupta (22103148) have participated in coding Weekend Contest 89 on September 2, 2023 organized by Coding Ninjas Website. There were total of 1396 participants and Sunandhit secured 42<sup>nd</sup> position.



- >>> The Institution Innovation Council (IIC) of NIT Jalandhar hosted an inspiring technical institute tour, welcoming 50 talented girls and 10 boys' students of class XII from Jawahar Navodaya Vidyalayas and Punjab Government Schools under the Vigyan Jyoti Scholar Programme of MoE, Govt. of India on September 27, 2023. These bright Vigyan Jyoti scholars had the privilege of exploring a variety of laboratories and actively engaging in hands-on experiments with functioning models. The one-day trip not only immersed these school students in the legacy, culture, and technical expertise of NIT Jalandhar but also allowed them to gain a deeper understanding of the institution's values. Additionally, this experience opened their eyes to the numerous post-school opportunities, as well as a wide array of courses and career options that await them.



- >>> NIT Jalandhar, a premier educational institution of India, has always excelled in providing quality education, diverse cultural and technical opportunities for its students. For years, the students of NIT Jalandhar, especially those from rural backgrounds from all over India have been successfully securing hefty packages from companies and are holding prestigious positions in Government services. In continuation to this significant impact made by the institute on the careers of students, a final year student from a remote village in Rajasthan has bagged a lucrative offer of 19 lakhs during BPCL recruitment at National Institute of Technology, Jalandhar. Bharat Petroleum Corporation Limited is an Indian public sector undertaking under the ownership of the Ministry of Petroleum and Natural Gas,





Government of India. Mr Mankesh Meena, a student from Department of Instrumentation and Control Engineering, hails from a family of humble background. His father is a farmer and he comes from a remote village where he faced scarcity of opportunities till class 10th. With this hard work and perseverance, he managed to obtain 94% in class X. He even paid his tuition fee in installments to secure a spot at National Institute of Technology, Jalandhar. With the support from faculty members and peers, he dedicated himself to mastering his core subjects and ultimately achieved an impressive package of Rs 19 lakhs from BPCL. "I took guidance from my seniors, help from my friends and joined Prayaas to increase my self-confidence. My faculty members played a pivotal role in the understanding of our subjects. My family members now feel proud of my achievements and walk with their heads high in the society. The warm hospitality and culture of people in Punjab made it easy to get over the challenges," shares Mankesh. Several other students have grabbed lucrative offers during placement drives at NIT Jalandhar. These are Kumal from Sitapur, Uttar Pradesh (placed at Samsung Research with a package of 20 lakhs), Arpit Saini from Rashidgarh, Uttar Pradesh (placed at Samsung with a package of Rs 14.5 lakhs), Suyash Patel from Chandauli, Uttar Pradesh (placed at Cairn (Oil & Gas) with a package of Rs 13.3 lakhs), Poonam Rani from Dharangwala, Punjab (placed at Optum with a package of Rs 13.17 lakhs), to name a few.



>>> On September 26, 2023, students from the 2nd and 3rd years engaged in a thought-provoking Turncoat debate. This unique debate format encourages participants to switch sides halfway through the discussion, challenging them to explore different perspectives on a given topic. The event facilitated an open and intellectual exchange of ideas, enabling students to enhance their critical thinking and public speaking skills. The Turncoat debate covered a wide range of topics, including the impact of social media on society, the abolishment of standardised testing, the effectiveness of homeschooling, the ethicality of animal testing and many more. The event proved to be an exceptional platform for students to develop their critical thinking and communication skills. The participants from the 2nd and 3rd-year cohorts displayed maturity and intellectual prowess while navigating complex topics and switching sides effortlessly. Each argument presented was well-researched and eloquently delivered, contributing to the overall intellectual quality of the event. By engaging in such debates, students have the opportunity to broaden their horizons, appreciate the diversity of opinions. The Turncoat debate on September 26, 2023 was deemed successful and highly beneficial in facilitating a respectful and intellectual exchange of ideas. As a result, the event served as a commendable platform for intellectual stimulation and the growth of critical thinking skills.



>>> Different Clubs and Societies of NIT Jalandhar taking Pledge for a Swachh Bharat:







## DR B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY JALANDHAR

>>> "Dahi Handi" event has been celebrated on September 7, 2023



>>> Sports Fest 2023. The week-long fest, which commenced on August 22, 2023 and concluded on August 29, 2023.



>>> Team Cultural Affairs orchestrated a mesmerizing Acoustic Night featuring performances by Octaves, the musical club of NIT Jalandhar. The event showcased an enchanting blend of classical and rock music, immersing attendees in a captivating musical odyssey. From soulful melodies to electrifying rhythms, the night transcended musical boundaries, offering a spellbinding journey for all music enthusiasts.







## PLACEMENTS

## Placement of UG Students (Batch 2020-24)

Discipline	No. of Eligible Students	No. of Job Offers	No. of Double Job offers	No. of Students Placed	Maximum Package (Lac Per Annum)		Percentage
ECE	88	62	10	52	Airtel Bharti	14.75	59.09
EE	49	40	2	38	Oracle	19.80	77.55
CSE	134	108	13	95	PayPal	34.40	70.90
IT	109	99	19	80	Rapidfort	30.00	73.39
CHE	39	41	3	38	Amazon (Intern)	15.12/1K	97.44
ICE	84	52	6	46	Accolite India	11.00	54.76
CIVIL	61	31	1	30	Amazon (Intern)	15.12/1K	49.18
IPE	67	31	3	28	Amazon (Intern)	15.12/1K	41.79
ME	62	69	7	62	Amazon (Intern)	15.12/1K	100.00
BT	26	4	0	4	Amazon (Intern)	15.12/1K	15.38
TT	50	23	0	23	Trident Group	12-18 LPA	46.00
<b>Total</b>	<b>769</b>	<b>560</b>	<b>64</b>	<b>496</b>			<b>64.50</b>

\*Placement detail 2020-24 batch as on December 26, 2023

Final Year students  
cleared



grid challenge.





## B TECH (ALL BRANCHES)

VERITAS

2024 Batch



**Rahul Guglani**  
B.Tech CSE

incedo

WHERE INNOVATION PROSPERS

2023 Batch



**Baneet Singh**  
B.Tech CSE



**Ujjwal Murarka**  
B.Tech CSE



**Sapna**  
B.Tech ECE

सी डैक  
CDAC

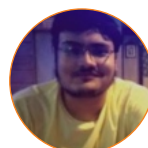
**Jai Damwani**  
B.Tech IT



**Shubham Yadav**  
B.Tech IT



**Neha Meena**  
B.Tech IT



**Souhardya Chatterjee**  
B.Tech ICE



**Jaskeerat Singh**  
B.Tech CSE

ASHOK LEYLAND



**Sagar Mahajan**



**Arshpreet Singh**



**Jashandeep Singh**



**Kanishk Raj  
Mishra**



**Aniket  
Kathuria**



**Amar  
Bhardwaj**

hero



**Prachi  
Kalra**



**Devashish  
Agrawal**



**Harneet  
Singh**



**Divya Gupta**



**Ajayvir Singh**

Congratulates

for  
campus placement  
in

airtel

CTC (14.75 LPA)



**Tanvi Bhandari**



**Satwik Modi**





## FACULTY ACCOMPLISHMENTS

## Intellectual Property Rights (IPRs)

- Mahesh Kumar Sah, Saksham Handa, Mahima Badhan, ONE POT SYNTHESIS OF CHITOSAN/HYDROXYAPATITE BIOCOMPOSITE FROM CRAB SHELLS FOR BIOMEDICAL APPLICATIONS, Patent Application No.: 202311045282; Publication Date: August 04, 2023
- The list of Intellectual Property Rights is available at the institute website at: <https://www.nitj.ac.in/template/index.html?id=64cb39050bec0be338f92ad4?category=newpage>

## Sponsored Research Projects Granted

- Following information is forwarded from the department of Humanities & Management: ICSSR Short-term Empirical Research Project (Collaborative) Sanction Order 105/CRP-2023-1892/SSY/SCD, dated 19/09/2023, entitled "Impact Assessment of Sukanya Samridhi Yojana as a Tool for Financial Inclusion for Women: An Investigation across different regions of India"
- (Project Directors: Dr Radhakrishna G S and Dr Sonia Chawla, Funding Amount : Rs. 120,00,00 and Duration: 6 Months)
- Prof A Bhardwaj and Dr Mahesh Kumar Sah have received the Start-up India seed grant from Lifetronics Engineering Pvt Ltd incubated at TBI, NIT Jalandhar



- Department of Textile Technology gets grant of Rs Ten crore from Ministry of Textiles under National Technical Textile Mission and Prof Vinay Midha & Prof A Mukhopadhyay were the co-ordinators for this project.

## List of Granted Projects 2023

Name of Project	Principal Investigator	Co-PI	Funding Agency	Amount ₹
<b>Department of Chemical Engineering</b>				
Development of smart magneto-rheological elastomers, gels, and fluids using metal oxide-carbon nanofibers and liquid metals	Dr Giri Babu		SERB-EEQ	41,82,588
Formulation of Low Cost and Effective Self-cleaning Cement	Dr J K Rattan	Dr Deepak Sahu	MoE-STARs	3300000
Color Reduction of Effluent from ETP of Dyeing Unit	Dr J K Rattan	Dr N N Pandhare	Trident Pvt. Ltd.	700000
Selective Depolymerization of Technical Lignins to Functional Chemicals	Dr Anjireddy Bhavanam	Dr Jayeeta Bhaumik, Scientist E, CIAB Mohali, Dr D Giri Babu	DBT	3960264
<b>Department of Electronics and Communication Engineering</b>				
Design and development of System on Chip based next generation IoT System for Industry 4.0 with Functional Safety and Security Features	Dr Ashish Raman	-	MeitY	9600000
Visvesvaraya PhD fellowship for Electronics and IT, Phase II, Round II	Dr Ashish Raman	-	MeitY	18154000
Adaptive methods for channel and RF front-end equalization in NOMA systems	Dr Asutosh Kar	Dr Sandeep (NITK)	DST	1429500
<b>Department of Instrumentation and Control Engineering</b>				
Conversion of existing wheelchair into BCI controlled smart wheelchaiC	Dr Rajesh Singla	-	BNB Medicare India Pvt. Ltd	220000



## Department of Industrial and Production Engineering

Development and analysis of magnetically-assisted variable flow abrasive-based finishing	Dr Aviral Misra	Vishal Santosh Sharma	DST-SERB	3582246
Development of automated deposition head for 3D printing of continuous fibre reinforced high-performance polymer composites	Dr Narendra Kumar	-	DST-SERB-CRG	5412264

## Department of Mathematics

Development of Ensemble algorithms based on Non Gaussian models & deep learning neural networks for time series forecasting	Dr Neha Yadav	-	DST-SERB	6,60,000
A study of QQR-property and extensions of commulative rings with totally ordered set of immediate rings	Dr Ravinder Singh		NBHM (DAE)	237500

## Department of Mechanical Engineering

Design and development of a PCM integrated solar air heater for 24 hours hot air supply	Dr Satyender Singh	-	DST-SERB-EEQ	2718804
Development, Characterization & Analysis of Hybrid Chemomechanical Magnetorheological Abrasive Finishing for Biomedical Applications	Dr Harpreet Singh	-	DST-SERB-CRG	3218040
Design & Development of an electricity hybrid double sided incremental forming machine for efficient production of customized biomedical implants with improved surface finish and geometrical accuracy	Dr Parnika Shrivastava	-	SERB-DST	4356264
Modelling of polymer derived SIBOC Ceramics	Dr Sumit Sharma	Dr. Nitin Sharma	ISRO	212500

## Department of Physics

Preparation and studies of energy efficient semiconducting quantum dots-liquid crystal composites for next generation display devices	Dr Praveen Malik	-	DST-SERB-CRG	3641264
Investigation of bipolar conductivity in strontium zincates	Dr Abhinav Pratap Singh	-	UGC-DAE Consortium for Scientific Research	135000
Photo-Dielectric Effect in Liquid Crystals (PDELIC)	Dr Ravi Shukla (DIT, Dehradun)	Dr. Kiran Singh, NIT Jalandhar	GC-DAE Consortium for Scientific Research Indore	1500000

## Department of Textile Technology

Development and manufacture of Ultra High Molecular Weight Polyethylene (UHMWPE) nano-fabrics and its composite for reusable respiratory masks	Prof A Mukhopadhyay	Dr Palaniswamy N.K. and Dr. N. Gobi	NTTM, Ministry of Textile	5500000
Design And Manufacturing Of Advanced And Multifunctional Textile Structural Composite Materials Using Textile Waste	Dr Zunjarrao B Kamble	Dr Lalit Jajpura	NTTM, Ministry of Textile	10500000
Biopolymeric porous carriers	Dr Anil Kumar Lalchand Yadav	-	SERB	3000000
Runoff erosion control using jute and coir biaxial stitch bonded nonwoven geotextiles	Prof Vinay Midha	Prof A Mukhopadhyay	NTTM, Ministry of Textile	2,15,78,000
Development of cost effective ballistic and stab resistance soft body armour by using different high performance materials	Dr Mukesh Bajya	Dr Lalit Jajpura, Dr Z kamble & Dr Anil Kumar Yadav	NTTM, Ministry of Textile	18845680
Solution Blow Spinning (SBS) of micro/nanofibre fabrics for air filtration: A potential and scalable technique alternative to Electro spinning	Dr Palaniswamy NK	Dr N Gobi, Dr Nikhil, Dr Satyender Singh, Dr Umashankar and Dr Devasena	NTTM, Ministry of Textile	17850000

## Projects with other Institutes (Funding with other institute)

Green-synthesized nanoparticles dispersed liquid crystals for display applications	Dr Supreet Kaur	Dr Praveen Malik	DST	2800000
Impact Assessment of Sukanya Samridhi Yojana as a Tool for Financial Inclusion for Women: An Investigation across different regions of India	Dr G S Radhakrishna, Dr Sonia Chawla	-	ICSSR	1200000
One-dimensional Interacting Electron Fluids and the Formation of Strong Correlations	Prof Klaus Morawetz, Muenster University of Applied Sciences, Steinfurt, Germany	K N Pathak, Panjab University, Chandigarh Vinod Ashokan, NIT Jalandhar, Drummond, Lancaster University, UK	Forschungs-gemeinschaft (DFG), Bonn, Germany	15610 Euro





For more details, the list of Sponsored Research Projects is available at the institute website at:

<https://www.nitj.ac.in/template/index.html?id=64b8ca85fc77462c6f5c4679?category=newpage>



**Prof Vinay Midha**, Dept of Textile Technology

- Delivered an expert talk on 'Nonwoven Materials and Process' in Indian Institute of Handloom Technology (IIHT), Varanasi on July 7, 2023.
- Delivered a lecture on 'FEA Modelling of Needle Heating in High-Speed Industrial Sewing' in 50<sup>th</sup> Textile Research Symposium at University of Mauritius, September 7 – 9, 2023.



**Prof A Mukhopadhyay**, Dept of Textile Technology delivered a lecture as a Plenary speaker on 'Some Critical Issues for the Evaluation of Performance of Technical Textiles' in 50<sup>th</sup> Textile Research Symposium at University of Mauritius, September 7 – 9, 2023.



**Dr Mukesh Bajya**, Dept of Textile Technology received Best industry relevant PhD thesis work Award by FITT, IIT Delhi in the 54<sup>th</sup> Convocation on August 12, 2023.



**Dr Rajneesh Rani and Dr Nagendra Pratap Singh**, Dept of Computer Science & Engineering submitted a project 'Artificial intelligence-based approach to detect the dysplastic status of oral potentially malignant disorders' in ICMR-NCG on September 15, 2023.



**Prof Harsh K Verma**, Dept of Computer Science & Engineering

- Delivered an expert talk in STC - Recent Trends in Networks & Communication at NIT Hamirpur.
- Delivered an expert talk in STC - Advances in Secure Computing at Regional Science Congress.



**Dr Kunwar Pal**, Dept of Computer Science & Engineering was the session chair in the 2<sup>nd</sup> International Conference on Advances in Data-driven Computing and Intelligent Systems (ADCIS 2023) organized in hybrid mode by BITS Pilani, K K Birla Goa Campus, India.



**Dr Lalatendu Behera**, Dept of Computer Science & Engineering was a session chair at the 2<sup>nd</sup> International Conference on Advances in Data-driven Computing and Intelligence Systems (ADCIS 2023) organized in hybrid mode by BITS Pilani, K K Birla Goa Campus, India held between September 21-23, 2023.



**Mr Mahendra Kumar**, Dept of Instrumentation & Control Engineering acted as External Examiner for Ph D Thesis defence at University of the South Pacific, FIJI.



**Dr Mohit Kumar**, Dept of Information Technology

- Delivered a lecture on "Security and Privacy issues in Multimedia Content over Cloud Computing" from 3<sup>rd</sup> to 7<sup>th</sup> July 2023 organized by Dept. of Computer Science & Engineering, NIT Patna, Bihar.
- Delivered a lecture on "Security and Privacy issues in Multimedia Content over Cloud Computing" from 3<sup>rd</sup> to 7<sup>th</sup> July 2023 organized by Dept. of Computer Science & Engineering, NIT Patna, Bihar.



## RESEARCH PUBLICATIONS

## INTERNATIONAL JOURNALS

NIT Jalandhar has recorded a total of **404 Web of Science** Publications & **918 Scopus** Publications (2023) till October 09, 2023.

Link:

**Web of Science:**

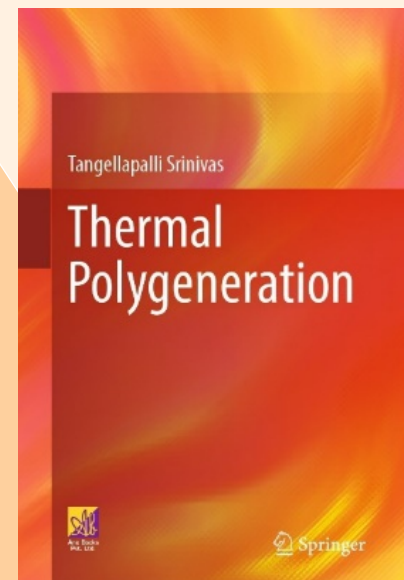
<https://www.nitj.ac.in/template/index.html?id=6524f144b8c492ab73a19869?category=newpage>

**Scopus:**

<https://www.nitj.ac.in/template/index.html?id=64d0d8abed9a6e3506b3df6b?category=newpage>

**Books Published:**

Srinivas, T. 2023, Thermal Polygeneration,  
 Publisher: Springer Cham, Hardcover ISBN978-3-031-37885-0,  
 Published: 23 July 2023,  
 Softcover ISBN 978-3-031-37888-1, XV, 392,  
<https://doi.org/10.1007/978-3-031-37886-7>.



## PLACEMENT BENCHMARKS

**150+**

Recruiters hired NIT  
Jalandhar students

**1.2 Crore**

Highest Salary  
Package

**50+**

Companies offered  
CTC of 10 Lacs p.a. or  
above

**1.25 Lacs**

Highest Internship  
Stipend per month



## 23





## INSTITUTE RANKING

**NITJ Placed in ranking band of 651-700 amongst Asian Universities, 204<sup>th</sup> position amongst Southern Asia Universities and 6<sup>th</sup> position amongst all ranked NITs in QS Asia University Rankings 2024**



**Ranked 29<sup>th</sup> among India's Best engineering colleges by MDRA**



**India Today-MDRA  
Best Colleges Ranking 2024**

## DISCLAIMER

'NITJ Newsletter' is meant for Private Circulation only intended to bring quarterly updates of the institute's activities related information published in various media like newspapers, and digital media, etc. to the attention of members of research and academic fraternity of India. Sources of all cited information have been acquired from concerned individuals and are duly acknowledged and members are advised to read, refer, research and quote content from the original source only, even if the actual content is reproduced. The information content does not reflect quality judgment, prejudice or bias by NITJ newsletter committee. Selection is based on the relevance of content to members, readability/brevity/space constraints/availability of content.

## Print, Media &amp; Newsletter Committee NITJ

*Published by Newsletter Committee NITJ:*

**Dr A K Choudhary (PRO);**  
**Dr O P Verma (APRO);**  
**Dr Saurabh Kango (Coordinator);**  
**Dr Sumit Sharma (Co-coordinator)**

<http://www.nitj.ac.in/NITJNewsletter>  
 e-mail: [newsletter@nitj.ac.in](mailto:newsletter@nitj.ac.in)



**Dr B R Ambedkar**  
**National Institute of Technology, Jalandhar**  
 GT Road, Bypass, Jalandhar (Punjab), India - 144008  
 Tel: +91-181-2690301, 2690453, 3082000  
<http://www.nitj.ac.in>

**डा बी आर अम्बेदकर**  
**राष्ट्रीय प्रौद्योगिकी संस्थान, जालन्धर**  
 जी टी रोड, बाईपास, जालन्धर (पंजाब), भारत - 144008  
 फोन : +91-181-2690301, 2690453, 3082000  
<http://www.nitj.ac.in>

