



VISVESVARAYA NATIONAL INSTITUTE OF TECHNOLOGY, NAGPUR



PLACEMENT BROCHURE

2023-24

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THE INSTITUTE

Visvesvaraya National Institute of Technology, Nagpur is one of the thirty National Institutes of Technology in the country. The Govt. of India conferred on the Institute, the Deemed to be University status (under University Grants Commission Act, 1956 (3 of 1956)) with effect from 26th June 2002. Subsequently, the Central Govt. by Act of Parliament (National Institutes of Technology Act, 2007 (29 of 2007)) declared VNIT Nagpur as an Institute of National Importance along with all other NITs. The Act was brought into force from 15th August 2007. Earlier, the Institute was known as Visvesvaraya Regional College of Engineering (VRCE). It was established in the year 1960 under the scheme sponsored by Govt. of India and Govt. of Maharashtra. The college was started in June 1960 by amalgamating the State Govt. Engineering College functioning at Nagpur since July 1956. In the meeting held in October 1962, the Governing Board of the College resolved to name it after the eminent engineer, planner, and statesman of the country Sir M. Visvesvaraya.

MISSION

The mission of VNIT is to achieve high standards of excellence in generating and propagating knowledge in engineering and allied disciplines. V.N.I.T is committed to providing an education that combines rigorous academics with joy of discovery. The Institute encourages its community to engage in a dialogue with society to be able to contribute for the betterment of humankind.

VISION

To contribute effectively to the national endeavour of producing quality human resource of world class standard by developing a sustainable technical education system to meet the changing technological needs of the country by incorporating relevant social concerns and to build an environment to create and propagate innovative technologies for the economic development of the Nation.



FROM THE DIRECTOR'S DESK

Dr. Pramod M. Padole
Director, VNIT Nagpur



VNIT

To produce highly skilled engineers who would serve the nation in achieving technological advancement, promote research, boost national integrity and Improve the quality of life; these have been the guiding factors upon which the foundations of VNIT's pedagogy have been raised. The objective at VNIT is the amalgamation of academics and extracurricular activities to enhance the students' adeptness and acquaint them with the industry. VNIT ranked 41st in the National Institutional Ranking Framework, 7th among NITs; concluded by the Ministry of Human Resource & Development in 2023. Our Institute has contributed to all sectors of technological development and currently holds the status of being an Institute of National Importance as per the Act of Parliament National Institutes of Technology Act, 2007 (29 of 2007). VNIT strives to nurture and improve every student's talent and skill set. The college has seen many illustrious alumni and brilliant minds. And over the years, our students have enriched the industry with their adroitness, intelligence, and management. Organizations from various sectors visit our campus for placements and have noted that our students perform brilliantly. Thus, we would like to thank the organizations visiting VNIT for their patronage and support. We hope to collaborate with you to foster an environment of growth and realize the vision for an even better India.

For the academic year 2023-2024, I am privileged to invite you to the campus for the placement session of the graduating students. I am confident that your campus visit will result in a mutually beneficial association for the times to come.



FROM THE DEAN'S DESK

Prof. Kishor M. Bhurchandi
Associate Dean, Training and Placement

It's really pleasing to know that all the departments are coming out with their training & Placement brochures for their under graduate and post graduate courses. This brochure highlights the students' academic credentials, specialization, areas of expertise, achievements, skills, and special facilities available for them in the Institute. In short, this document is a projection of the grooming efforts invested by the institute in all the students from academics and employability point of view. This is very much important from the employers' perspective, as they are going to have a complete bird's eye view of each student's academics, skills, and achievements through these documents. This document is the manifestation of the academic rigor and the hard work which they have to put in during their association with VNIT as students. Not only that the document is a reflection of their efforts during the course of their academics but also it is a small indication of their preparedness to step into the real world. The institute has already prepared them well by offering the best possible technical knowledge in their respective domains and also training them on various aspects of employability skills. I am sure that the pass-out batch 2023-24 is ready to handle the real-life challenges with all that they have earned during the last few years. I also invite all the industry representatives to refer to the soft or hardcopies of the placement brochures of their department of relevance.

I am herewith earnestly inviting and looking forward to seeing them in maximum possible numbers on our campus virtually or physically for conducting the campus recruitment drives. My best wishes to the pass-out batch 2023-24 and also to their prospective employer. All are requested to go through our Placement Policy.



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SIEMENS

Ingenuity for life

VNIT Nagpur has started setting up of CoE in the field of Industry 4.0 and Digitilization with thrust on Biomedical Engineering, Robotics and Smart Manufacturing. This CoE is in collaboration with Siemens Software India Pvt Limited as technology partner and MTC as execution partner. The total financial outlay of this CoE is of 187 Cr out of which 88% is shared by Siemens and MTC. CoE has 11 labs out of which 5 are software labs and 6 are hardware labs. These labs focus on reverse engineering, mechatronics, instrumentation, 5 axis simultaneous CNC, robotic welding, smart manufacturing, IoT, and design validation and automation



The V. R. Jamdar Siemens CoE, established in 2020 at VNIT, Nagpur, operates with a primary focus on creating a robust technical education eco-system through its experience in industrial products and services. The Center houses 11 sophisticated laboratories which provide opportunities for promising innovations. The entire gamut of Industry 4.0 and digitalization is served by the CNC Lab, Smart Factory Lab, Robotics Lab, Product Design & Validation Lab, Test and Optimization Lab, Advanced Manufacturing Lab, IOT Lab, Mechatronics Lab, Automation Lab, Process Instrumentation Lab and Reverse Engineering Lab. This multi-faceted unique center offers skill development courses, internships, Research and Development assistance and industrial consultancy services across various sectors. The combination of infrastructure and managed services makes it an ideal solution for the institute as it enables the institute to focus on teaching, skill development, industry consultancy and research. The technology provider and the execution partner provide a unique combination of technology, quality assurance, technical digital twin services, elearning on various technology with professionally managed services. This is provided through a single window and thus make it very efficient and enabling for the institute.

SIEMENS CENTER OF EXCELLENCE INDUSTRY 4.0 AND DIGITALIZATION



With a vision to bring the Industry, Academia and ISRO triad under one umbrella to contribute towards the R&D initiatives relevant to Indian Space Programme, the Capacity building program office of ISRO signed an MOU with the honourable Director of VNIT, to set up a space technology incubation center (S-TIC) at VNIT. This will serve as nodal centre for the western region of India covering states of Maharashtra, Goa, Gujrat, Rajasthan and union territories of Daman Diu and Dadra & Nagar Haveli.



The objective of the S-TIC is to create space entrepreneurs in India. This initiative envisages to attract and nurture the young academia with innovative ideas / research aptitude who can carry out research in the domain of Space Science and Technology and realise them towards indigenous development of the spaceworthy products. The research outcome of the students working on various projects under the banner of S-TIC, will be translated into a Proof of Concept or prototype through industries tied up with the S-TIC through ISRO. The "YUKTI-Sanchita 2021" scheme has 45 product development/ innovative project proposals from Department of space and ISRO centers/labs, which are suitable to be taken at S-TIC as their outcomes have a good market potential and can lead to initiation of a Start-up. On a whole, the establishment of S-TIC intends to transform students as future entrepreneurs and encourage them to contribute positively towards the Indian Space Programme.

ISRO SPACE TECHNOLOGY INCUBATION CENTRE VNIT NAGPUR

NOTABLE ALUMNI



Dr. Vijay Bhatkar
Computer Scientist
Architect of 'PARAM'
Padma Bhushan & Padma Shri



Rashmi Urdhwareshe
Director,
Automotive Research
Association of India.
Nari Shakti Puraskar,
President SAE India



Anil Kumar Reddy
CEO & Co-Founder
Donatekart
Forbes 30 under 30



Srihari Murthy
CEO & Co-Founder
Factri.Ai



Nitin Bawankule
Director & Head,
Digital Native Business,
AWS India & South Asia
Ex - Industry Director,
Google Cloud Head, India



M V Rajasekhar
Director,
Mining & Construction,
BEML Ltd.



Prakash Telang
Managing Director at
Tata Motors India



Sujit Jain
President,
Powertrain Solutions,
Bosch USA



Manish Kothari
President & Business Head,
Corporate Banking,
Kotak Mahindra Bank



Nandu Giriyaapur
Managing Director,
Deloitte Consulting

NOTABLE ALUMNI



Dinesh Keskar

Retired Senior Vice President
Sales in Asia-Pacific and India,
Boeing Commercial Airplanes



Prof. B.S. Murty

Director, IIT Hyderabad
Shanti Swarup Bhatnagar Prize
for Science and Technology



Vinita Paunikar

Vice President,
Oracle



M.S. Unnikrishnan

CEO IITB-Monash Research Academy
Ex- Managing Director & CEO,
Thermax Ltd.



Nikhil Daxini

Executive Director
Intelligent Automation,
EY GDS Consulting



Ramesh Jain

Scientist & Entrepreneur
Bren Professor at UC Irvine, USA



Sharad Aggarwal

CEO & Whole-time Director,
Godfrey Philips India



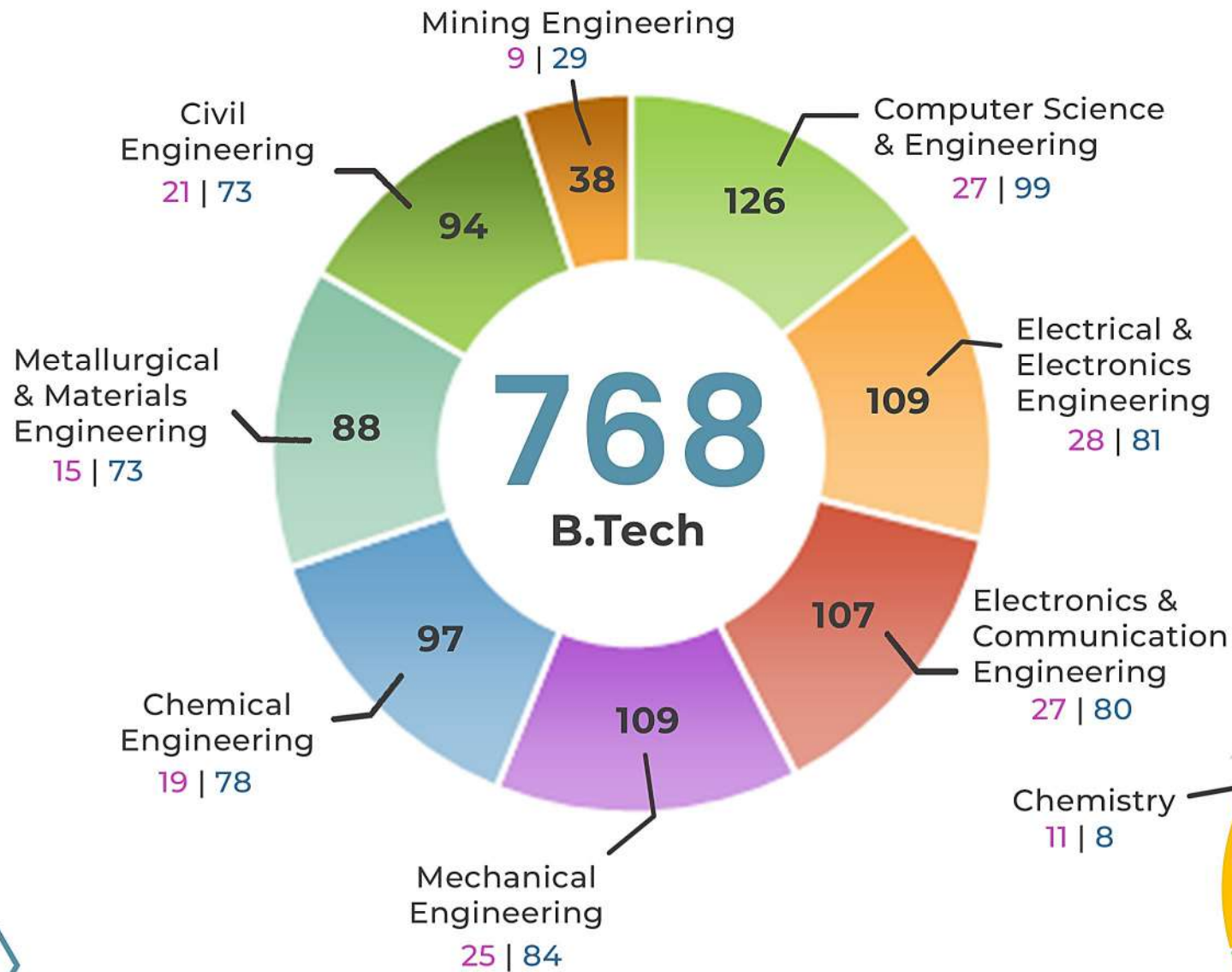
Shashikant Chaudhary

Angel Investor & Entrepreneur
Co-Founder of Nagpur Angels

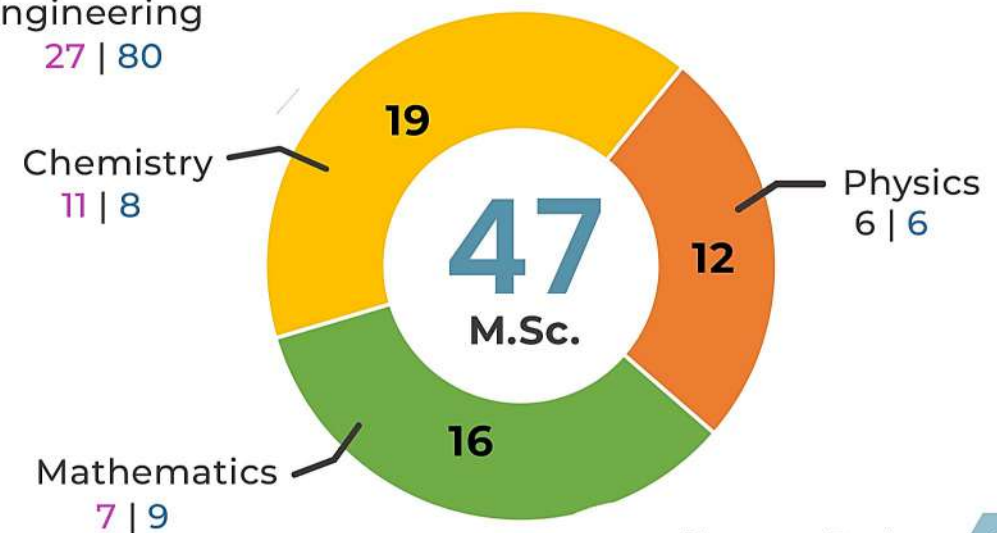
DEMOGRAPHICS



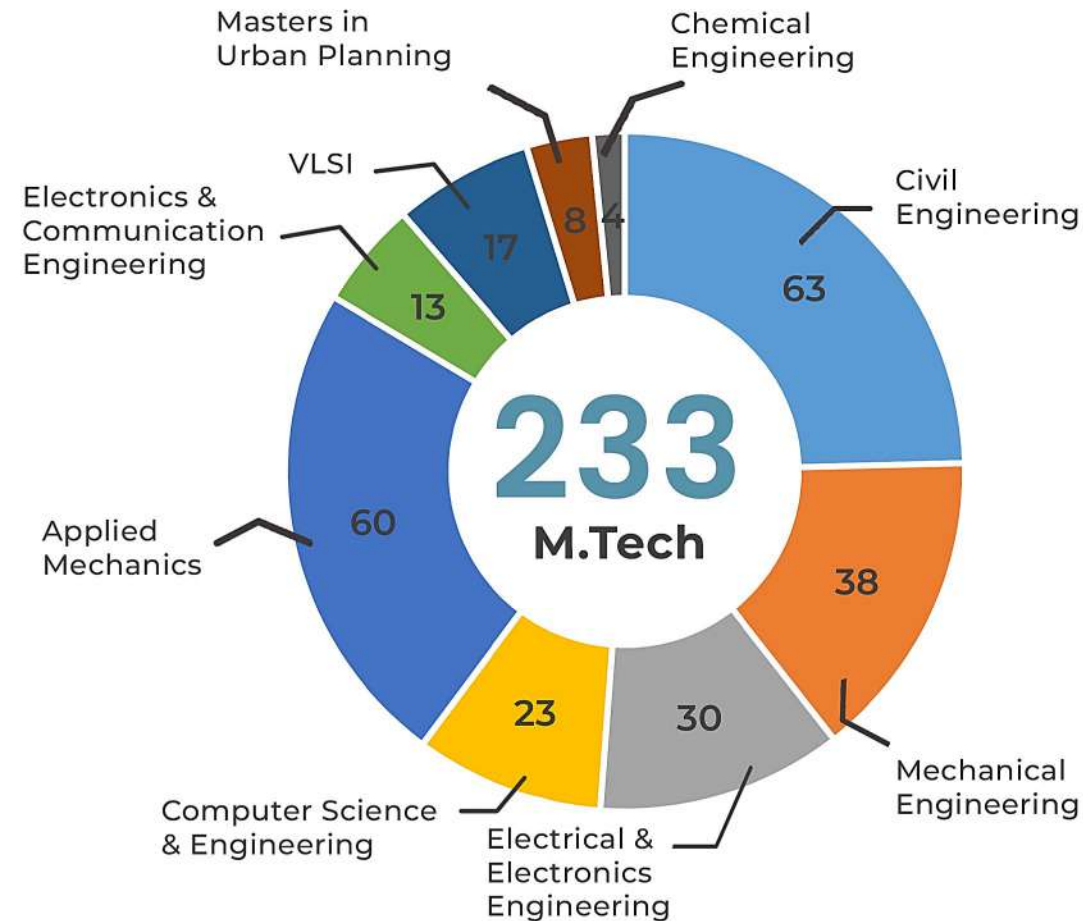
■ FEMALE
■ MALE



Architecture
41 | 36



DEMOGRAPHICS



Program

	F	M
Construction Technology and Management	7	10
Environment Engineering	5	11
Geotechnical Engineering	4	4
Transportation Engineering	4	13
Water Resource Engineering	2	3
CAD-CAM	1	13
Engineering Applied to Medical Sciences	0	1
Heat Power Engineering	2	7
Industrial Engineering	3	11
Integrated Power System	3	9
Power Electronics and Drives	3	15
Computer Science and Engineering	6	17
Structural Dynamics and Earthquake Engineering	3	10
Structural Engineering	3	21
Communication System Engineering	4	9
VLSI	6	11
Masters in Urban Planning	4	4
Chemical Engineering	3	1

TECHNICAL CLUBS

The ACM logo is a blue diamond shape with the letters 'acm' in white lowercase inside a circle.

acm

ACM

ACM is a one stop for all your coding related endeavors. The club strives to bring a culture of competitive coding and hackathons into VNIT. ACM VNIT is known for hosting webinars and guidance sessions for coding related events/ interview preparation. Right from the basics of C, to the tutoring sessions for DP, to webinars for ICPC and SIH, sprinkled with many coding contests and hackathons in between. ACM makes coding accessible for everyone in the college and makes it more fun for people already into it.

The IvLabs logo consists of a stylized 'Iv' followed by 'Labs' in a sans-serif font.

IvLabs

IvLabs

IvLabs is the student-run Robotics and AI lab at VNIT. They are a group of undergraduate students who share a passion for cutting edge technology. At their lab, they come together from across branches to follow this passion, as students learn, implement and innovate upon the latest in Robotics and AI tech. Throughout the year, they will be hosting hands-on workshops that will equip you with the tools to dive into the field, because they believe that you must be an engineer by attitude, not just by degree.

The IEEE logo features a blue diamond with a white symbol inside, followed by the text 'IEEE' and 'VNIT STUDENT BRANCH' below it.

IEEE
VNIT STUDENT BRANCH

IEEE

Owing to their global outreach, all along the year IEEE, VNIT has conducted several Workshops, Hackathons and Quizzes, all with exciting prizes and invaluable knowledge up for grabs. To propagate and promote scientific research, they organise Talks, Webinars and Interactive sessions where everyone can participate and gain cutting edge insights in almost all aspects of engineering and research.

TECHNICAL CLUBS



Tesla

Tesla has proved its mettle by bringing laurels to the college in various national level competitions. It organized and participated in National Solar Vehicle Contest (NSVC-2020). The club also has expertise in making electric bikes and electric carts by which it won podium finishes in prestigious challenges like Electric Bike racing challenge- (EBRC) and Eco-Kart.



Team V

Team Velocity designs and fabricates formula race cars to showcase and drive at racetracks around the country. Their work is a culmination of every important discipline you may care to think, from business to design and then some. There are four technical departments: Chassis, Suspension, Brakes & Powertrain; one research department: Vehicle Dynamics; and the Sponsorship/Business department



Shell

The essence of security is a riddle masked with enigma. S.H.E.L.L. ,VNIT, aims to unravel numerous mysteries as they guide students through various challenges to build a secure future. Buckle up as you ride down the lanes leading right from the basics of Linux commands to SQL injections and Pwning executables. S.H.E.L.L hosts weekly workshops garnished with competitions like Capture The Flags to demonstrate and enhance your understanding of the topic.

STUDENT ACTIVITIES



VNIT Nagpur. provides an environment that nurtures leaders in addition to sound engineers. Notwithstanding the tight academic schedule that students have, they manage to indulge in various extra-curricular activities. A host of activities ranging from inter-hostel competitions and national level festivals to managing facilities like messing and hostel infrastructure are entirely managed by students. These activities provide multitude of holistic improvement platforms for students to hone their technical and managerial skills, which are imperative for one to excel in his her workplace. Here is the glimpse of activities.

AXIS



AXIS is the annual technical festival of the Visvesvaraya National Institute of Technology, Nagpur. Over the years, AXIS has garnered the reputation of being the largest technical festival in Central India, with an aim to provide a platform for young engineers to convert theoretical knowledge to practical innovations. AXIS consists of a gamut of events, guest lectures, workshops, and exhibitions that provide a myriad of opportunities for students to enlighten their bright inquisitive minds. AXIS also undertakes social initiatives which strive to bring about a change in the world. Starting in the year 2001, AXIS has always been strong on its pillars of innovation, creativity, and teamwork, irrespective of the scenario. This year AXIS'23 was conducted on 7-8-9th April making it central india's largest Extravaganza of technical events.

STUDENT ACTIVITIES

AAROHI



Aarohi is the annual cultural festival (Cultfest) of Visvesvaraya National Institute of Technology, Nagpur, India. It is the most anticipated youth event of the year in Central India. It was started by the pioneer batch of 1988 in VNIT, which was formally known as the Visvesvaraya Regional College of Engineering.

Each year, Aarohi boasts of a multitude of participants in its various contests. The festival is completely student-organized and reputed firms sponsor the event each year. The main event runs for 3 days, while the elimination rounds for various contests begin a week in advance. Cultural Night acts as the curtain raiser and the proceeds of the event go to a charitable institute. Events include Personality contest, Singing, Quiz, Debate, Band contest etc. This festival receives more than 20,000 audience every year.

Consortium, the Annual Entrepreneurship Summit of VNIT Nagpur comprises of invigorating events like Startup Conclave and Swades. The summit aims at fueling entrepreneurial attitude amongst students through healthy competition and exciting challenges. It fosters the importance of leadership and decision making and introduces young technocrats to various management practices in the corporate world.

This year Consortium's theme was to Push the Human Race Forward. Through this theme they focused on the disruptive innovations and inventions that have taken the whole human race forward.

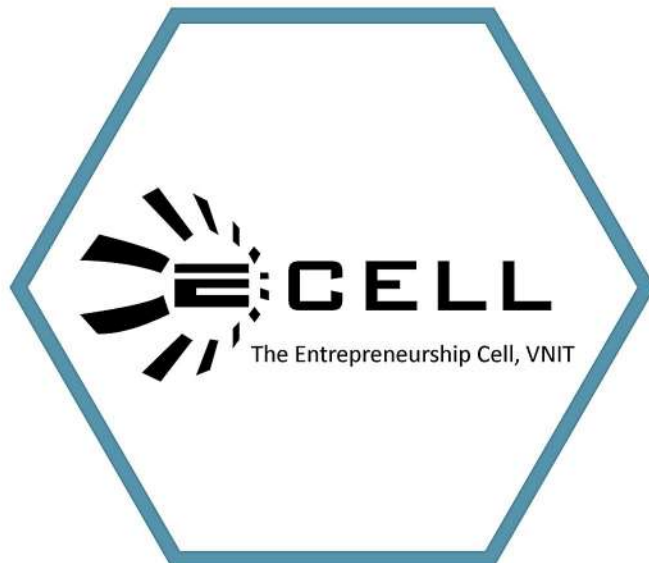
CONSORTIUM



STUDENT ACTIVITIES



ECELL



E-Cell VNIT is the entrepreneurship cell of VNIT. As the name suggests, the very purpose of E-Cell is to foster a community of contemporary as well as seasoned entrepreneurs, besides mentoring new and budding startups across the country. Throughout the year E-Cell organizes, expert talks, webinars, workshops, and light skill development events as well as highly rewarding competitions, pitching scenarios, and much more. Importantly, E-Cell VNIT, this year is starting up its innovation council, to create a culture of management consulting and product management on the campus.

TEDx is a non-profit devoted to spreading ideas, usually in the form of short powerful talks (18 minutes or less). TEDxVNIT being a pioneering TEDx talk that is organized for the very first time, will be held on the sidelines of Consortium'23, the annual E-Summit of VNIT. This TEDx talk intends to empower the youth with bright ideas and help them witness the future through the eyes of a veteran. The theme for the year was "The third side of the Coin".

TEDx VNIT



RECRUITMENT PROCESS



INVITATION

Invitations with the Placement timelines, Job Announcement Form (JAF), Internship Announcement Form, and other relevant information are sent out to prospective employers.

JOB ANNOUNCEMENT

HR / TA members are required to share the filled Job Announcement Form / Internship Announcement Form, along with the JD and other relevant information.

APPLICATIONS PROCESSING

The details shared by the hiring company are posted in the Placement Portal. All eligible students go through the job details and apply in the portal. The Applicants data is shared with the HR.

OFFER LETTERS & ONBOARDING

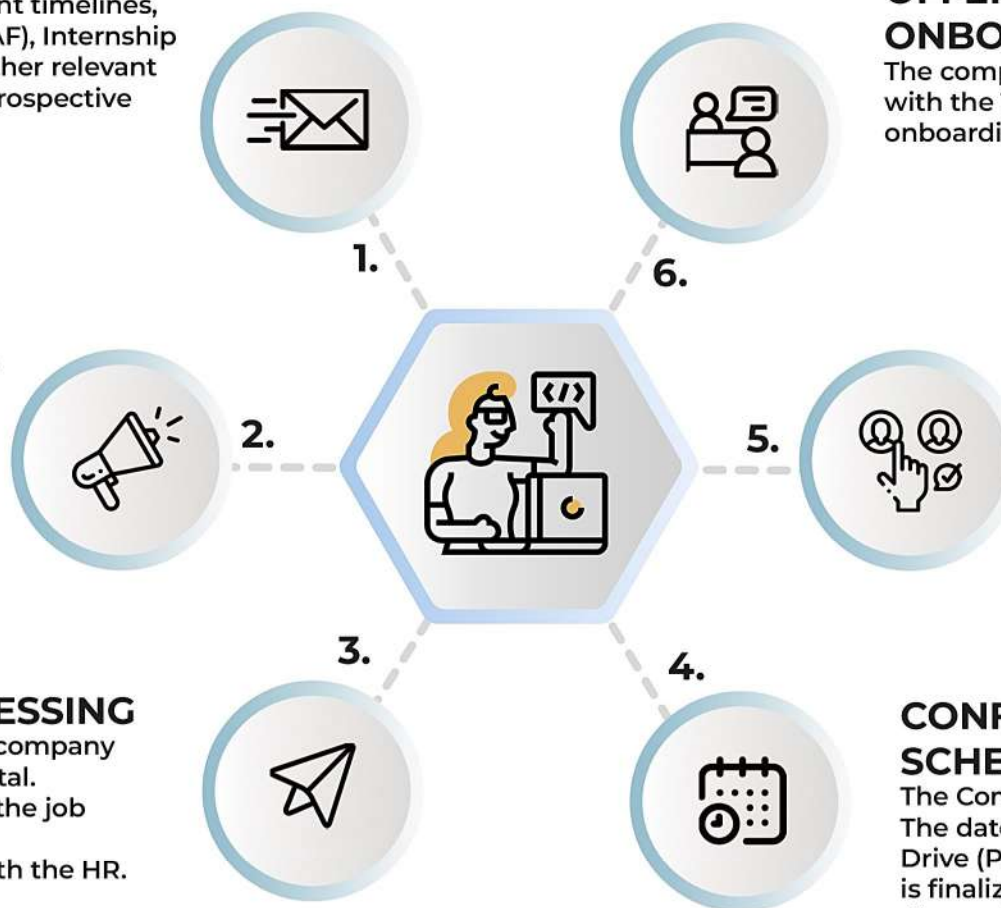
The company shares the Offer Letters with the T&P Dept and initiates the onboarding process in due course.

PRE-PLACEMENT TALK & SELECTION PROCESS

On the allotted date, the company conducts the Pre-Placement Talk followed by their selection process. Company announces the results on the same day, and shares the Final Selections on a Letterhead with the T&P Dept.

CONFIRMATION & SCHEDULING

The Company confirms its participation. The date for conducting the Placement Drive (Pre-Placement Talk, Test, Interview) is finalized after discussion.



PROMINENT RECRUITERS





PROMINENT RECRUITERS

CORE

PSU's

MANAGEMENT



CONTACT US



VNIT resides at the heart of the city of Nagpur. Being the winter capital of Maharashtra, Nagpur is well connected by air, rail and road. Just 25 mins away from B. R. Ambedkar International Airport and 20 mins away from Nagpur railway station. Being a metropolitan city, Nagpur has no dearth of accomodation options.

Please feel free to contact T&P Office for any further information.

Dr. Kishor M. Bhurchandi

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Training & Placement

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VNIT, Nagpur

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