Placement Brochure 2023-2024

DROMACHARYA Group of Institutions

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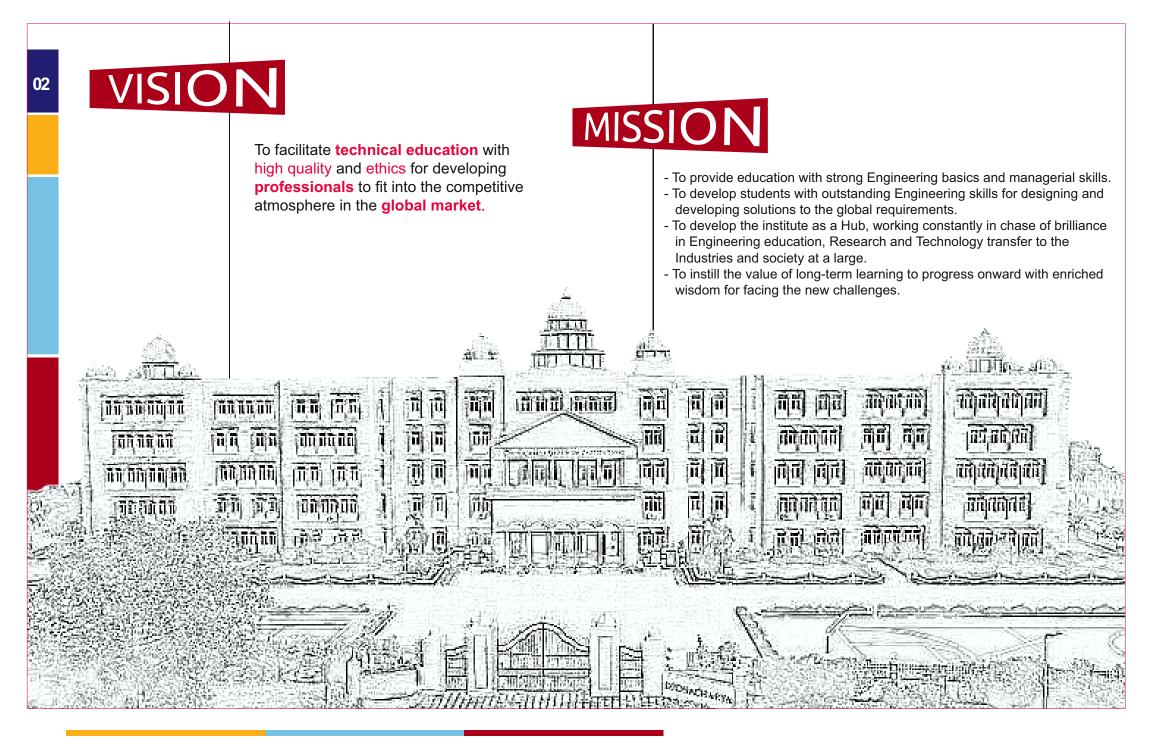
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About DGI

Welcome to Dronacharya Group of Institutions where education meets excellence. Established in the year 2006 and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow Uttar Pradesh (AKTU, Lucknow) and approved by All India council of Technical Education, New Delhi (AICTE, New Delhi), DGI is a facilitator to providing quality education in the field of technology and management.







Message from Director Prof. (Dr.) Seema Shukla

Dronacharya Group of Institutions, Greater Noida has been consistently ranked amongst the top engineering institutes in NCR. DGI is providing the forefront of revolutionizing educational systems, aiming to cultivate students who have the power to make a positive impact on the world. Through its commitment to exploring new realms of learning, it empowers students to unleash their creative and analytical abilities, leaving a lasting impression. This embodies the ultimate outcome of a sustained and deliberate effort to attain excellence.

Our graduates undergo intensive training, encompassing both theoretical knowledge and practical experience gained through internships in the corporate sector. This prepares them to excel in designing, developing, and promoting products and services for discerning consumers in India or overseas, while also positioning them for future leadership opportunities in their careers.

Our institution is committed to offering cutting-edge interdisciplinary programs that are both contemporary and interdisciplinary. Quality research is one of our core principles, as we strive to develop problem-solving skills and contribute to the growth of India. At DGI, we aim to foster change through critical thinking, innovation, and expanding our students' perspectives.

We take great pride in extending a warm welcome to the esteemed recruiters from renowned organizations to select the brightest talents nurtured by the distinguished faculties at Dronacharya Group of Institutions. Our collaboration with recruiters is of utmost importance to us, and we are dedicated to ensuring a fruitful and favorable recruiting process for you.

Prof. (Dr.) Seema Shukla Director

Message from Career Development Head Prof. (Dr.) Bipin Pandey

It gives me immense pleasure to welcome all the present and future recruiters of Dronacharya Group of Institutions, Greater Noida. This esteemed institution represents the fusion of intellect and ethics, enthusiasm and empathy, and advancement and durability.

Our institute has long been the hub of academic brilliance in higher education, endowing students with a plethora of prospects and enabling them to bring about positive changes in society through their innovative and integrated approach. The students are always encouraged to update their knowledge in respect to the current trends in order to meet the changing requirement of the industries.

The Training and Placement Department (TPD) links the students and recruiting companies, ensuring a seamless recruitment process. Through personalized counselling and career development programs, TPD helps students identify their academic and career interests, as well as their short and long-term goals. TPD's efforts have contributed significantly to the institute's growth by streamlining the recruitment process and increasing the number and quality of job offers each year.

The remarkable accomplishments of our students in the industry are a testament to the solid groundwork they have laid at our esteemed institute. With unwavering determination, our students will undoubtedly continue to surpass expectations and demonstrate their exceptional abilities, thereby making invaluable contributions to the advancement and enhancement of your esteemed organization. We eagerly anticipate your esteemed presence at our institute, as it will mark the commencement of a prosperous and enduring partnership for the foreseeable future.

Prof. (Dr.) Bipin Pandey Career Development Head





Message from Placement Head Ms. Richa Jaiswal

Dear Esteemed Recruiters, Greetings from T&P!!

As a Placement Head, I am delighted to extend a warm welcome to you as a valued recruiter for our placement program. We take immense pride in the quality of talent our institution nurtures and are thrilled to partner with esteemed organizations like yours.

At DGI, we believe in cultivating a pool of skilled and dynamic technocrats and managers who embody not only academic excellence but also possess the drive and adaptability required to excel in the professional landscape. Training and Placement Department of DGI have been focusing on industry academic interface programs in collaboration with leading industries to bridge the gap between academia and industry.

We provide our students with a wide range of training programs aimed at enhancing their employability skills, as well as providing them with many curricular and extra-curricular events to ignite their minds. With the intent of enhancing opportunities college has signed MoUs with industries and Universities.

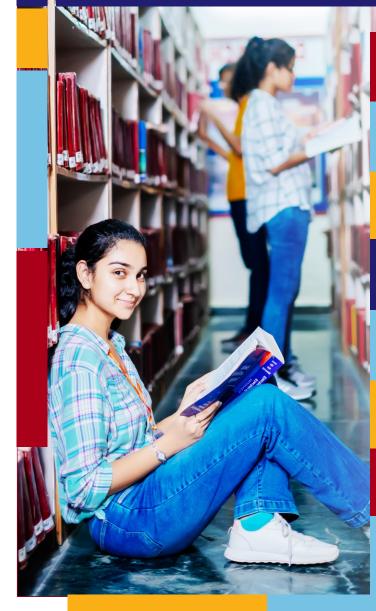
We understand the importance of aligning the right talent with your organizational needs and are dedicated to facilitating a seamless recruitment experience. By participating in our placement program, you will have access to a diverse pool of motivated candidates who are eager to contribute their skills and knowledge to your esteemed organization. We hope you consider DGI as your recruiting partner and witness the remarkable talent our institution has to offer.

Warm Wishes and Regards, Ms. Richa Jaiswal Training and Placement Head

Linkedin : https://www.linkedin.com/in/richa-jaiswal7/



^{or} B.Tech Courses Offered



Computer Science and Engineering

CSE (Artificial Intelligence & Machine Learning)

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Electronics and Communication Engineering

Electronics and Computer Engineering

Computer Science and Information Technology

Electrical and Electronics Engineering

Information Technology

Mechanical Engineering



⁰⁸ MBA Courses Offered





⁰⁹ The Intake Process-DGI

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The pursuit of excellence requires a transparent and honest approach



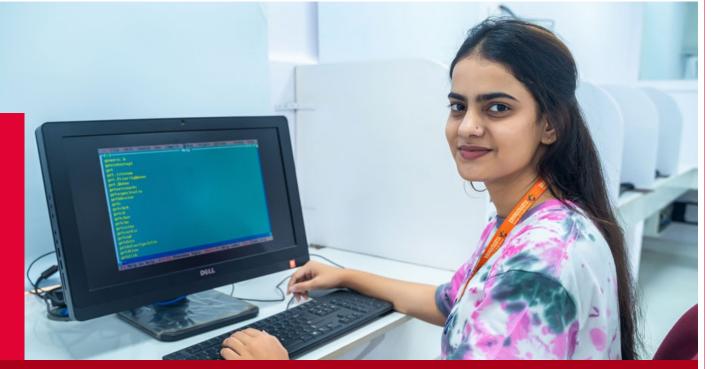
Being affiliated college, 85% seats are filled through UPTAC counselling (based on JEE Score) and 15% are filled on merit basis.

Applicants must have 50% aggregate in Physics, Chemistry and Mathematics in their Senior Secondary Board exams to be considered for admission.

CSE

CORE COURSES:

- Compiler Design
- Data Structure
- Discrete Structure & Thoery of Logics
- Database Management System
- Theory of Automata & Formal Languages
- Web Technology
- Object Oriented Programming with JAVA
- Design and Analysis of Algorithm
- Computer Organization and Architecture
- Computer Networks
- Operating System
- Software Engineering
- Database Management System



COMPUTER SCIENCE & ENGINEERING (CSE)



ELECTIVES:

Data Analytics

Web Designing
 Artificial Intelligence
 Object Oriented System Design
 Computer Graphics
 Application of Soft Skills
 Blockchain Architectura Design
 Cloud Computing
 Mobile Computing
 Machine Learning Techniques
 Natural Language Processing
 Software Engineering
 Software Project Management
 Cryptography and Network Security

Computer Science & Engineering

Computer Science is omnipresent in our daily lives. Whether it is in smartphones, stock market transactions, air traffic control, industrial plants or tsunami early warning systems, the world would come to halt without computer science.

Studying CSE gives you an immense knowledge about the basic of fundamentals in programming and computational theory which enables you to apply your skills and knowledge to leave your mark in this digital world.

CSE (AI & ML)

CORE COURSES:

- Compiler Design
- Data Structure
- Discrete Structure & Thoery of Logics
- Database Management System
- Theory of Automata & Formal Languages
- Web Technology
- Object Oriented Programming with JAVA
- Design and Analysis of Algorithm
- Computer Organization and Architecture
- Computer Networks
- Operating System
- Software Engineering
- Database Management System



CSE (Artificial Intelligence & Machine Learning)



CSE (Artificial Intelligence & Machine Learning)

B.Tech. in CSE (Artificial Intelligence & Machine Learning) equips student with the skills and knowledge to understand, evaluate and design intelligent machines, software's, or applications. This program gives student strong foundation to explore and study the algorithms that build models and make data-driven predictions or decisions. Major Job profiles related to AI & ML are: Innovations Engineers, Machine Learning Engineers, Applied AI Engineers, Data Science Engineer, Data Scientist, Head (Analytics) e-Commerce, Senior Developer ML, Data Modeler, AI & ML Expert etc.

12 ECE

CORE COURSES:

- Electronic Device
- Digital System Design
- Network Analysis & Synthesis
- Communication Engineering
- Analog Circuits
- Signal Systems
- Microprocessor & Microcontroller
- Digital Signal Processing
- Control System
- Digital Communication
- Antenna & Wave Propagation
- Integrated Circuits



ELECTRONICS AND COMMUNICATION (ECE)



Electronics and Communication

With the growth of communication media in today's digital scenario, Electronics and Communication Engineering has become a persistently growing industry. Electronics and Communication Engineering allows you to understand semi-conductors, chip design, processor design, communication equipment's satellite, aerospace manufacturing etc. Electronics and Communication Engineers are engaged in research, design, development and testing of the electronic equipment used in various communications systems.

13 ECS

CORE COURSES:

- Electromagnetic Field Theory
- Electrical Measurements & Instrumentation
- Basic Signal and Systems
- Digital Electronics
- Electric Machine I
- Network Analysis and Synthesis
- Power System I
- Electric Machine II
- Control System
- Power System II
- Microprocessor and Microcontroller
- Power Electronics



ELECTRONICS AND COMPUTER ENGINEERING (ECS)



Electronics and Computer Engineering

Plunge into this extraordinary cross-discipline program that is a combination of two subjects and explore the future of this Al-based world. Keep in sync with the latest developments across the boundary between electronic hardware and software and allow your intellect to grow.

Pursuing this course opens up job opportunities in fields like VLSI Design, Telecommunication industry, Internet of Things (IoT), Artificial Intelligence, D.R.D.O and many more.



CORE COURSES:

- Thermodynamics
- Fluid Mechanics & Fluid Machines
- Manufacturing Processes I & II
- Strength of Material
- Theory of Mechanisms and Machines
- Industrial Engineering
- Manufacturing Processes
- Theory of Machine
- Applied Thermodynamics
- Strength of Materials
- Machine Design
- Material Engineering
- Engineering Mechanics & Strength Material
- Refrigeration & Air Conditioning



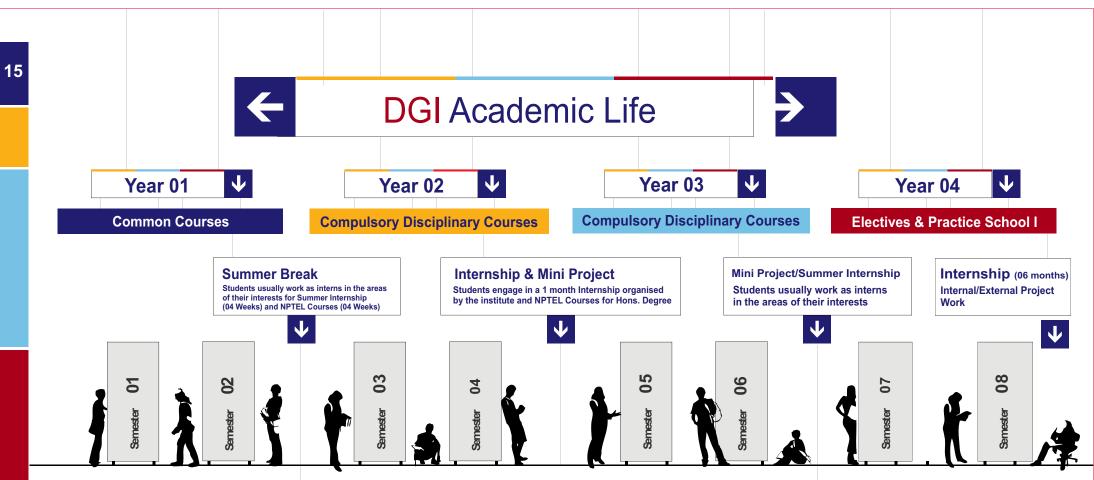
MECHANICAL ENGINEERING (ME)



Mechanical Engineering

Mechanical Engineering provides the basis of the work where electronics, physics, mechanics thermodynamics meet and where systems and processes are planned, calculated and developed.

Mechanical Engineers can develop products ranging from tiny micro sensors for medical technology and highly efficient energy plants to applications for automotive and aircraft. They even use computers to design new machine tools.



Students are exposed to a diverse array of fundamental courses that establish the groundwork, they have the opportunity to engage in independent internships or training programs. During the second and third years of the curriculum, students experience the most intense and demanding academic period. They delve deep into their Compulsory Disciplinary Courses, gaining a comprehensive understanding of their chosen field. Through projects and design assignments, students are challenged to apply their skills effectively.

Additionally, students have the opportunity to explore discipline electives, as well as humanities and open electives, which entails completing specific electives in a particular field.

In the fourth year, half of the students engage in off-campus work, while the other half stay on campus and enroll in elective courses. These elective courses offer students the opportunity to delve into their areas of interest by selecting courses from various disciplines.

Remote Centers

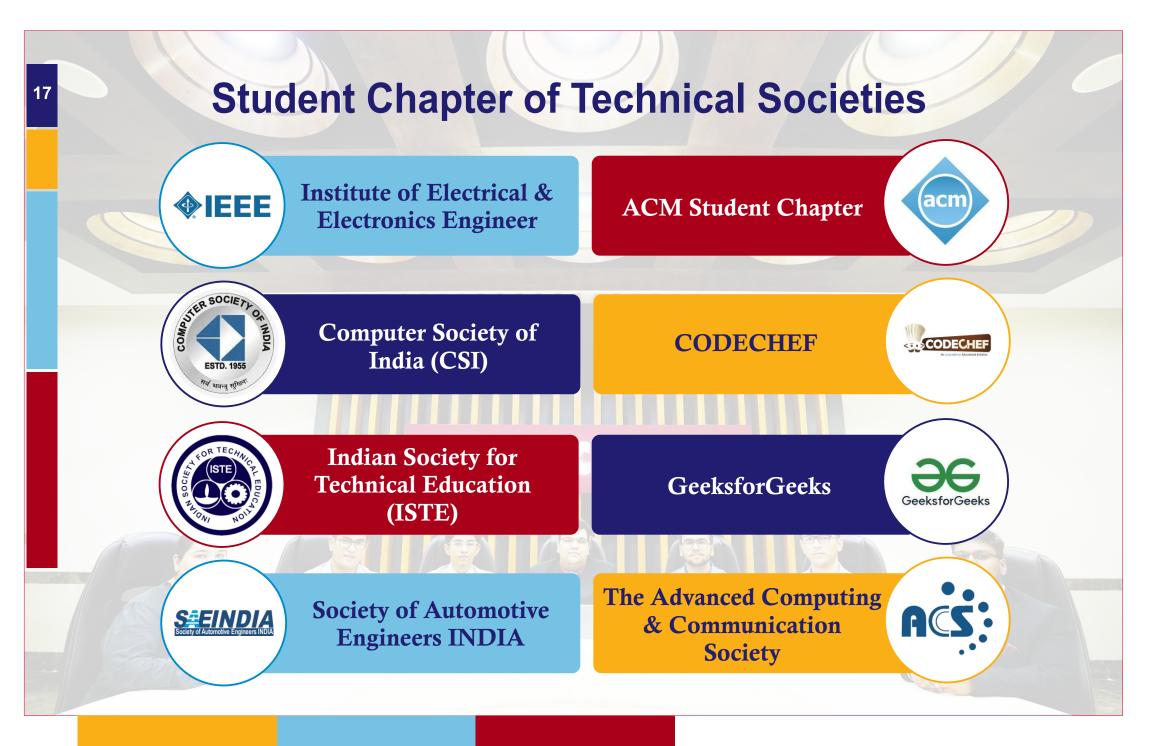
Remote Center of IIT Bombay for T10KT

Remote Center of IIT Kharagpur For T10KT

Resource Center of IIT Bombay For Spoken Tutorial

Resource Center of NITTTR Chandigarh

Active College for NPTEL Local Chapter of IIT Madras





Centre of Excellence

iMac LAB



Dronacharya Group of Institutions, Greater Noida has set up a state-of the-art "iMac Lab" consisting of latest gadgets supplied by Apple Inc, viz: iMacs, iPad and an Apple TV. The lab aims to equip the young technocrats of various domains that drive the digital world like mobile computing, multimedia, cloud computing etc. The lab would provide great opportunity to the students to have hands-on-experience on the incredibly powerful Mac and iOS. This in turn encourages students' to learn the latest technologies and start-up operations in the fields of social innovation, social change, and social entrepreneurship.

CISCO NETWORKING ACADEMY

Dronacharya Group of Institutions, Greater Noida in collaboration with CISCO has set up CISCO Networking Academy for its students. Cisco Networking Academy transforms the lives of learners, educators and communities through the power of education technology, and career opportunities learners learn to install, operate, configure and verify a basic IPv4 & IPv6 network including configuring a LAN switch, configuring an IP router, identifying basic security threats, understanding redundant typologies, troubleshooting common network issues, connecting to a WAN, configuring OSPF in both IPv4 and IPv6, understanding wide-area network technologies, and getting familiar with device management. It is an authorized centre to provide CCNA R&S certification course training.



e-Yantra LAB



e-Yantra Lab has also been established by the Electronics and Communication Engineering Department of DGI. It is sponsored by IIT, Bombay and gives an opportunity to gain knowledge beyond the AKTU Syllabus. The Lab consists of Fire Bird V Robotics Kit, Fire Bird V – P89V51RD2 Adapter Card, SPARK V Robotics Kit, Kinect (X-box) sensor, KUKA model of Robotics and more. Students have made many innovative projects with the support provided.

Centre of Excellence

ADVANCED TRAINING CENTRE



Dronacharya Group of Institutions has developed an in house Advance Training Centre for the benefit of its students. The training centre is equipped with all modern machineries and equipment for students learning. The centre is equipped with CNC Mill Trainer with Siemens Controller, CNC Lathe HPL 100 with Siemens Controller, BMW Twinpower Turbo In-Line 4-Cylinder 2.0 Litre Diesel Engine, PIC Training Equipment Set 15182546 (provided by FESTO). Students learn by doing self with the help of the trainers. The centre enables the understanding of the operation of CNC, Drive and PLC possible with diagnosis, data backup, programme development, operation simulation and more.

HONEYWELL ICT ACADEMY

ICT Computer Training is renowned nationwide for the high quality of its education and training courses. Dronacharya Group of Institutions gives its students the facility to take the computer training course with ICT Academy at introductory and beginner level and gets progressed to advanced and expert levels. Students get benefitted by participating in online computer training programmes. The students have the opportunity to get certification that is recognized globally, to participate in various Hackathons and Empowerment Summit.



Centre of Excellence

CoESM



Dronacharya Group of Institutions, Greater Noida signed Memorandum of Understanding (MOU) with Ministry of Micro, Small and Medium Enterprises (MSME) – Technology Development Center (TDC) to establish Centre of Excellence for Smart Manufacturing (CoESM) - School of Metallurgy for Skill Development on 17th August 2016. The center is one its kind and first in NCR.

- The CoESM is established with an objective to:
- Make the youth of the country employable by imparting vocational training that bridges the competency gaps to enable the youth to get into the job from the day one.
- Make the nation progressive by providing relevant training to the people who are at the bottom of the pyramid & thus eradicating the existing skill gap.

ECE and EEE Departments of Dronacharya Group of Institutions has established PCBLab. The PCB is widely used in fabrication of electronics as well as electrical circuits. The PCB Centre of Excellence at DGI, Greater Noida is equipped with latest equipment to meet the needs of research & development activities. We upgraded our laboratory with the latest equipment provided by PCB Lab which is a global leader in printed circuit boards designing and fabrication and also supplying machineries with raw materials to develop high quality industry standard printed circuit boards. This collaboration makes our students industry ready. Our lab supports up to eight layers PCB fabrication, each plotter comes with comprehensive LPKF Circuit CAM and Broad Master Software for importing PCB data from any CAD package. Students of DGI have a great opportunity to learn through the equipment of this Lab and make themselves Industry ready.



SPOKEN TUTORIAL Group of Inst FOSS CENTER UCURATED® OULABORATI KEN TI LAL IIT BC AV

Spoken Tutorial is a multi-award winning educational content portal. DGI, Greater Noida has tied up hands with Spoken Tutorial where one can learn various FOSS (Free and Open Source Software) all by oneself. This is the First FOSS centre of UP in association with Spoken Tutorial Project, IIT Bombay. Spoken Tutorial Project is about teaching and learning a particular FOSS like Linux, Scilab, LaTeX, PHP & MySQL, Java, C/C++,LibreOffice etc. The courses offered are self-paced, multi-lingual and ensure that anybody with a computer and a desire for learning, can learn from any place, at any time and in a language of their choice. End-of-course online tests and certificates are available for those who wish to test their expertise in particular software. These certificates give an edge to students during placement by increasing their employability potential.



²³ Project Achievement



Winners of @SIH 2023



Best Picher @NITTTR, Chandigarh



Winners of @SIH 2022



Top 15 Security Researcher by @NCIIPC India



@e-Sim (Circuit Design & Seimulation Marathon)

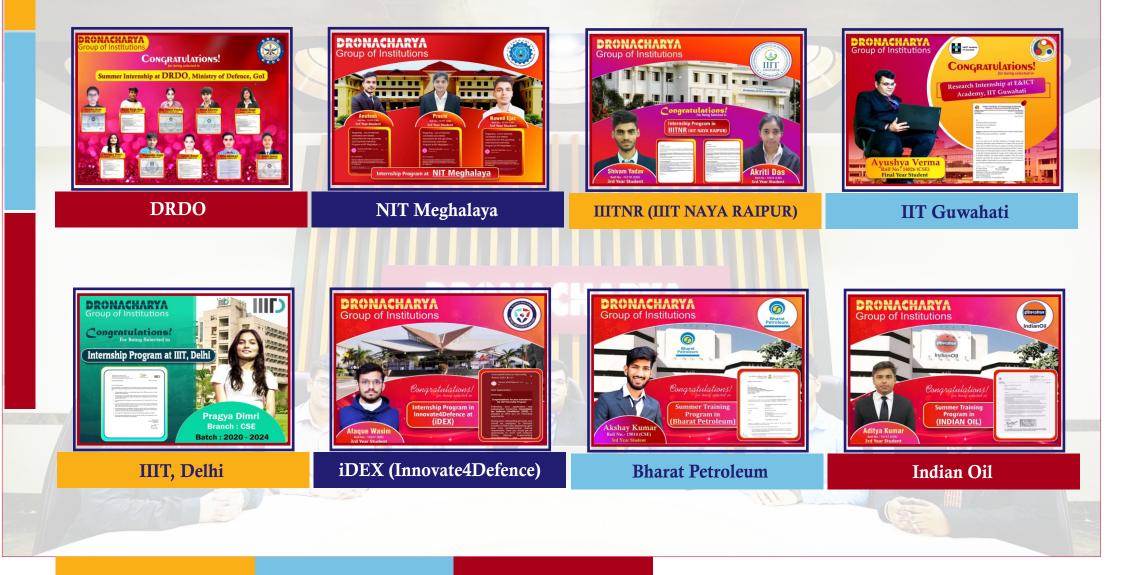


3rd Prize @Ideathon Innovation Blitz

²⁴ Achievements









²⁷ Higher Studies Glimpses



²⁸ Startup Glimpses



LLPIN/CIN/Form INC-1 Ref No	Company / LLP Name	State	Incorporation Date	Company Name Status
U74999UP2020PTC133539	VIRAAJ VENTURES HUB PRIVATE LIMITED	Uttar Pradesh	28/08/2020	Reserved
U74999UP2020PTC133539	VIRAAJ VENTURES PRIVATE LIMITED	Uttar Pradesh	28/08/2020	Allocated



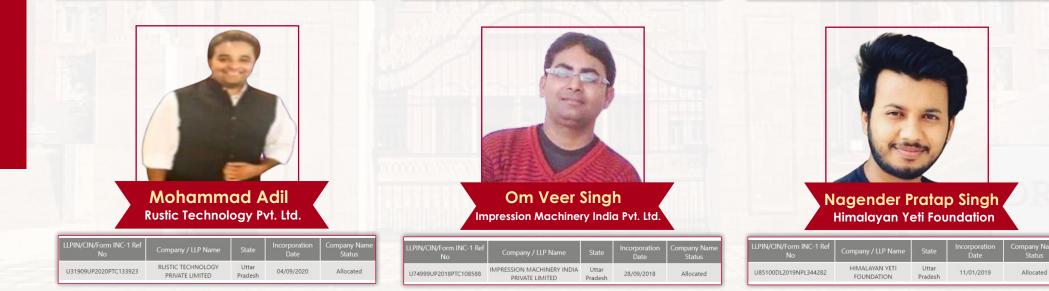
 LLPIN/CIN/Form INC-1 Ref No
 Company / LLP Name
 State
 Incorporation Date
 Company Name Status

 U72900UP2018PTC101880
 WAKE-UP TECHNOLOGY PRIVATE LIMITED
 Uttar Pradesh
 12/03/2018
 Allocated



Vikas Rai Hackers Tribe Foundation

LLPIN/CIN/Form INC-1 Ref No	Company / LLP Name	State	Incorporation Date	Company Name Status
U80903UP2020NPL131591	HACKERS TRIBE FOUNDATION	Uttar Pradesh	24/07/2020	Allocated



²⁹ Startup Glimpses





30 Placement Process

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INVITATION

A formal invitation with the placement timeline and other relevant information is sent out by the TPD to organizations to take part in the hiring process.

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JAF/IAF

The company should fill in the Job Application Form/Internship Application Form containing details of the job profile and company's requirements and submit it to the TPD as an email attachment to tpo@gnindia.dronacharya.info or as a hard copy.

PRE PLACEMENT TALK

The interested companies will be allotted slots and dates for conducting PPT/ Written tests/Online Tests.

SHORTLIST

The list of shortlisted and waitlisted students for the final placement process is to be mailed to the TPD by the company latest by a specified date.

INTERVIEW

Interview Process starts from 6th Semester.The placement cell allots campus interview dates to the organizations.

FINAL LISTING

The company needs to furnish final list of selected students by the end of the assigned interview slot.

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³¹ Why Recruit from DGI?

Unlocking Future Success: What sets DGI apart as a preferred choice for recruitment?

Rigorous Academic Excellence:

At DGI, we uphold a commitment to academic excellence. Our faculty is dedicated to fostering a dynamic learning environment. With a student-centric approach, teachers focus on individualized attention, mentorship, and creating an atmosphere that encourages critical thinking and collaboration. This personalized touch ensures that graduates are not only academically sound but also possess the soft skills necessary for seamless integration into the professional world.

Practical Learning and Hands-On Experience:

We understand the importance of practical, hands-on experience in preparing students for the real-world demands of their chosen professions. Our institute integrates practical learning opportunities, internships, and industry projects into the academic journey, ensuring that graduates are not only knowledgeable but also possess the practical skills necessary for success in the workplace.

Strong Emphasis on Soft Skills:

In addition to academic and technical prowess, our institute places a strong emphasis on developing essential soft skills. Effective communication, teamwork, adaptability, and problem-solving are woven into the fabric of our educational approach. This ensures that our graduates not only excel in their roles but also contribute positively to the organizational culture

Alumni Success Stories:

Our alumni have excelled in various industries, showcasing the caliber of professionals our institute produces. Many have gone on to hold key positions in reputable organizations, attesting to the quality.

5 State-of-the-Art Infrastructure and Laboratories :

At DGI, our commitment to fostering excellence extends beyond the academic realm to our world-class infrastructure and cutting-edge laboratories, making us a compelling choice for recruitment. Our facilities are not just modern but state-of-the-art, providing an environment that seamlessly integrates theory with hands-on practice.

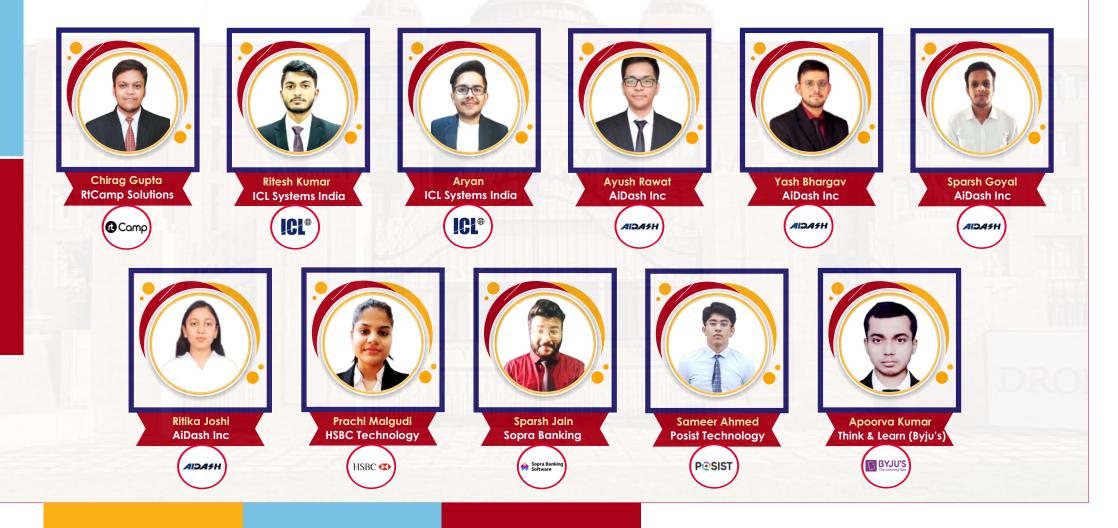
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2019-23 ACHIEVERS PLACEMENT

Heartiest Congratulations to All the Achievers!



Approved by AICTE, New Delhi Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow



2018-22 ACHIEVERS PLACEMENT

Heartiest Congratulations to All the Achievers!

DRONACHARYA Group of Institutions

Approved by AICTE, New Delhi Affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow



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Alumni Network

The success of an institute's alumni is the most accurate measure of its value. Our students have consistently brought us great pride in this regard. They have achieved remarkable success in various fields, ranging from top corporate positions and successful entrepreneurship to leading research and renowned faculty. Furthermore, our alumni have emerged as leaders not only in the industry but also in the nation.

Through regular meets organized by the Alumni association, our extensive alumni network engages with students, providing them with a real-life perspective and coaching and mentoring to prepare them for the challenges of the industry and beyond.



Alumni Network 36



Ajeet Dhama

General Manager, **@ELAN AUTO** INDIA LTD. Batch : 2006-10



Swapn Sharma

EM-SDET, **@GOJEK TECH** Batch : 2008-12



Dimpy Tyagi

Deputy Manager, **@WNSHR** SERVICES LTD. Batch : 2009-13



Anjali Singh

Project Manager, **@GENPACT** Batch : 2008-12



Shivani Dwivedi

Assistant Manager, SAP ABAP Developer **@AKASH EDUCATIONAL** Batch : 2018-22



Apratim Singh

Marketing Manager, **@BYJU'S** Batch : 2015-19



Ruchi Yadav

Project Manager, **@IRON MOUNTAIN** (CANADA) Batch : 2013-17



Radhey Shyam Yadav

State Tax Officer, **@STATE TAX** DEPT. (UP) Batch : 2007-11



Priyanka Seth

Manager Customer Services, @MongoDb Batch : 2009-13



Gaurav Rana

Inormation Security Engineer, **@AUTODESK (CANADA)** Batch : 2008-12



Mandeep Kaur

Sales Representative, **a**Fibernetics Batch : 2009-13



Arpit Kumar Ranjan

Assistant Engineer, **@UPRVUNL** Batch : 2018-22

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