



Indian Institute Of Information Technology Pune

20²²₂₃ Placement Brochure

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DIRECTOR'S MESSAGE

Dear Recruiter,

Indian Institute of Information Technology Pune (IIITP) is one of the fastest-growing IIIT in 20 newly established IIITs by the Ministry of Human Resource Development, Government of India, under Not-for-profit Public Private Partnership (N-PPP) mode.

Established in 2016, the institution has witnessed remarkable growth in academic excellence ever since. Intending to be deemed as one of the most prominent educational institutes, we render the best of resources to our students to turn them into superior scholars and responsible members of society. We believe that cognitive thinking cannot be achieved by rote learning and academic brilliance alone. We are committed to foster a quality educational environment for the spherical development of an individual. We focus on the emerging technologies along with the foundational academic knowledge. Through programs offered at the institute, we aim to build applications of information technology whose benefits percolate to the root levels. We not only believe in making our students superior scholars but superlative human beings. Our institute is complete in the truest sense, endowed with facilities and an environment that is conducive to learning.

The institute focuses on interaction with the best institutes in terms of academic exchange programs, transfer of credits, internships, industry-academia meets, etc. Every department in the institute has state-of-the-art laboratories. Several Industry-Institute partnership programs, soft-skill training, competitions, internships, student projects are carried out to provide communication skills, commitment, and ethics for the comprehensive growth of an individual. The institute promotes Innovation and Entrepreneurship by encouraging and supporting innovative and out of the box ideas. In front of us lies untapped potential waiting to be explored and channeled into enterprising actions proving to be critical assets to the nation.

A portrait of Dr. Anupam Shukla, the Director of IIIT Pune. He is a middle-aged man with a mustache, wearing a dark suit, a light blue shirt, and a red tie. He is smiling slightly and looking towards the camera.

Dr. Anupam Shukla
Director, IIIT Pune

TPO'S MESSAGE

Dear Recruiter,

It gives me immense pleasure to welcome you to Indian Institute of Information Technology Pune (IIIT Pune), for the final placement process for the batch of 2022-23. With immense pleasure, we are presenting you with a group of young, dynamic and talented batch of student engineers ready to join the corporate world. Our student mix is selected through a rigorous selection process ensuring that only the very best of the lot gets into our campus. This selected batch is exposed to a curriculum that is regularly updated and is in sync with the demand of modern business scenarios.

Indian Institute of Information Technology Pune (IIIT Pune), is an institute of national importance in the country by several prestigious survey agencies. The institute is committed to excellence as its core mission and practices. We assure you that our students are adequately equipped with technical and professional skills and are industry ready. They are designed to excel in whichever sector they are put to work in.

Our ever-growing alumni base spreads over organizations in myriad sectors around the country and abroad speak for this fact. Once again, I welcome your organization to our vibrant campus for the recruitment of graduating students of the 2022-2023 batch.

I hope this brochure provides you with all information you need and we shall be happy to answer any further queries that you might have. Looking forward to seeing you at our campus.

Season's greetings and warm regards.



Mr. Mudit Sachdeva
Training And Placement Officer



ABOUT IIT PUNE

Indian Institute Of Information Technology is an Institute of national importance established by the Ministry of Human Resource Development (MHRD), Government of India, and Industry partners on a Not-for-profit Public Private Partnership (N-PPP) basis.

Currently functioning from a transit campus located at Yewalewadi, Kondhwa, Pune, IIITP's permanent campus of IIT Pune is over 100 acres at Nanoli Tarf Chakan, Talegaon Dabhade, Tal. Maval, Pune. Since its establishment in 2016, IIITP has been committed to providing world-class education and knowledge to its Undergraduate programs, Postgraduate programs, and Ph.D. in Electronics and Communications Engineering and Computer Science Engineering. IIITP believes not only in creating engineers, but also leaders & educators, who would cater to the requirements of our country and our world.

IIITP formulates collaborative partnerships with various colleges and universities at the national level to enhance the academics and practical experience of the students. It aims to equip students not only with the industry requirements but also helps enhance their personality and imbue a creative & innovative way of solving real-world problems by providing quality and value-based education. It encourages amongst the students, a thirst for knowledge and research & development in the field of Information Technology, thus creating a vibrant Undergraduate Program.

Vision

To be a centre of eminence, globally recognized for its academic excellence through research and innovation, industry engagement and inculcating professional culture.

Mission

1. To Nurture industry practices with focus on development, cultivating skills and innovation that builds problem-solving skills.
2. To associate with academic institutes and research centres for collaborative engagement and industries for the development of technology.
3. To foster research that engages technology and be the preferred institute for knowledge seekers.

B.TECH PROGRAMMES & COURSES OFFERED

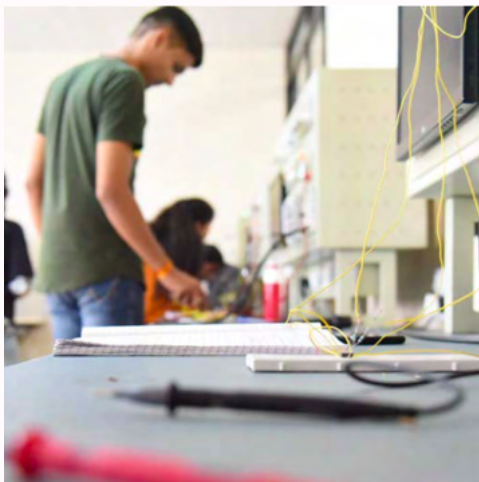
Computer Science Engineering

Computer Science Engineering (CSE) focuses on deep learning, software systems, data analysis and its management. The curriculum provides exposure to machine learning, cloud computing, data handling and intrinsic coding in various languages. It focuses on theoretical knowledge while encouraging development of necessary skills to fulfill industry needs. Experts from industries are invited for delivering talks on recent trends in the field.



Electronics and Communication Engineering

Electronics and Communication Engineering (ECE) focuses on the design of the underlying hardware systems and its operation. The curriculum is directed to provide sound background of the electronic design and applications in major areas such as Communication, Advanced VLSI, Image Processing, Embedded Systems; while encouraging development of necessary skills for integration of hardware and software components.



CSE Specific Courses

Foundations of Computer Science
Theory of Computation
Computer Network
Compiler Design

High Performance Computing
Computer Graphics
Cloud Computing
Big Data Analytics

Machine Learning
Software Engineering
Cryptography and Network Security

Operating system
Artificial Intelligence
Information Retrieval

ECE Specific Courses

Electronic Devices And Circuits
Analog Electronics Circuits
Signal and Systems
Network Analysis

Microprocessors and Microcontrollers
Information Theory and Coding
Antenna and RF Microwave
Wireless Communication

Digital Communication
Digital Communication
Very Large Scale Integration Design

Internet of Things
Embedded System
Intelligent Systems and Robotics

Common Courses For CSE & ECE

Calculus
Linear Algebra
Probability and Stochastic Processes
Linear and Non-Linear Optimisation

Computer Organization and Architecture
Digital Logic and Design
Electrical Engineering
Internet of Things

Data Structure and Algorithm
Object Oriented Programming
Analysis and Design of Algorithms

Computer Programming
Java programming
Python Programming

Humanity
Environmental Science
Language & Writing Skills
Biomedical Science and Engineering

Database Management System
Operating system
Artificial Intelligence
Information Retrieval

Note -

- 1. Students have to complete one Minor Project per Semester.*
- 2. Specifically during Semester 7, 8 students have to complete one Major Project and Internship/ Research.*

RESEARCH & DEVELOPMENT



Indian Institute of Information Technology Pune actively promotes engagement with industries through consultancy services. Research and consultancy activities are taken up by the dynamic faculty members of the Institute. The Institute has procured industry-standard equipment for carrying out research involving young minds of graduate students to actively participate in all these activities. The consultancy department is officially bestowed upon certain responsibilities. Framing rules for industrial-sponsored research provide a platform for high-impact projects and startups. It plays a supporting role in promoting faculty and student research in various publications. The department works on creating awareness about Intellectual Property Rights(IPR), sponsored fellowships, and providing research grants for faculties. It contributes on behalf of the Institute towards major national associations such as NPTEL, DST, DRDO, BARC, etc. It is responsible for creating awareness in the Institute about international conferences, seminars, and workshops.

Centre For Indian Languages And Computational Intelligence

The Center for Indian Languages and Computational Intelligence (CILCI) provides 'Annotated, quality language data (both text and speech) and tools in Indian Languages to Individuals, Institutions, and Industry for Research & Development - Created in-house, through outsourcing and acquisition'. The Centre develops various systems using Indian languages, to further develop fundamental theoretical and practical solutions to real-world problems using a variety of computational intelligence paradigms. This provides theoretically sound solutions to real-world, decision-making and prediction problems. With an established international reputation, its work focuses on the use of fuzzy logic, artificial neural networks, evolutionary computing, mobile robotics, and biomedical informatics. CILCI offers several benefits to the data management, defense, health, logistics, security, and video gaming sectors.

Centre For Biomedical Science And Engineering

Biomedical research is the broad area of science that looks for ways to prevent and treat diseases. An interdisciplinary field of research that includes elements of both the life and physical sciences and engineering. Utilizing biotechnology techniques, biomedical researchers study biological processes and diseases with the ultimate goal of developing effective treatments and diagnostic systems. This center acts as a bridge between engineering, medicine, and science. The Centre for Biomedical Science and Engineering will have numerous research and practice foci that will evolve as the center grows and formulates over the next several years.

Centre Of Robotics And Security In Internet Of Things (IoT) Space

The vision of this center is to provide leadership in establishing a regional presence in the area of Robotics, the Internet of Things (IoT), and Cyber security of IoT by fostering state-of-the-art research, and providing training of manpower to improve information awareness locally, the posture assurance regionally and nationally. It fosters cutting-edge research in the area of Robotics, the Internet of Things, and Cyber security of IoT. The Centre forms leadership in providing strategic partnerships with external organizations including the government and private sector in a long-term program of community outreach.



Centre Of VLSI And Nano Technology

The VLSI and Nanotechnology center forms the backbone for research in the system design field in the Institute. It aims at organizing research links in academia across the globe and to train individuals in VLSI design and Nanotechnology. It creates a platform for front-end and back-end design, verification, and implementation. The center is equipped with VLSI EDA tools such as Cadence, Vivado, and hardware resources from Xilinx. The center will be further expanded for Silicon Signoff and verification.

INSTITUTE INITIATIVES



Lecture Series

At IIIT, Pune we believe that a successful future cannot be built without reflecting into the past and learning from our experiences as well as those of others. As an extension to this ideology we invite scholars who can speak-up on subjects of broad interest. Around five or six such seminars are held every year. Apart from specialist researchers in their respective domains, eminent historians, policy makers, technologists, and leading thinkers have presented their ideas. Through this initiative, we want our students and faculty to develop a broader perspective of their responsibility towards the society and to give them an opportunity to listen to remarkable life stories of our esteemed panel of speakers. In this endeavor, we have hosted eminent personalities such as; Dr. Shekhar Bhansali (Prof. & Chair, ECE, Florida Inter. University), Dr. Debasish Ghosh (Prof. IISc Bangalore), Dr. B.K. Murthy (MeitY, GOI.), Dr. K.K. Pathak (Prof. IIT BHU), Ms. Yesoda Bhargava (Samsung Research, India), Dr. A.K. Tripathi. It is our constant enterprise to ensure that we invite dignitaries from a wider array of professions so as to develop a holistic and broad view of life and society.

Innovation Cell

Ministry of HRD has established 'MHRD's Innovation Cell' with the mandate to work closely with the Higher Education Institutions (HEIs) to encourage the creative energy of our student population to work on new ideas and innovation and promote them to create start-ups and entrepreneurial ventures. MIC will focus on creating complete ecosystem which will foster the culture of Innovation across all educational institutions from ideas generation to pre- incubation, incubation and graduating from the incubator as successful start- ups. MIC will also work on designing ranking system to identify institutions in the forefront of innovation.

MIC will actively engage various central and state agencies to ensure that dedicated budget is allocated for innovation related activities.

Under MHRD's innovation cell (MIC), Institution's Innovation Council (IICs) are constituted in more than 1000 higher educational institutions to promote innovation. The ministry specifies a schedule to all the IICs. The innovation council organizes workshops and expert talks from various resource persons coming from esteemed institutions PAN India.

Start-Up Summit

Start-Up Summit 2020 was one of its kind event organized by the CDCRC IIIT Pune . The summit focused on start-ups and the recent boom of start-up culture in India. Many eminent speakers, mentors, CEOs and Co- Founders were invited to give a talk regarding the same. Mr Parveen Singhal, Co-Founder and CCO Nukkad by Stage; Ms. Rashmi Deshpande, Senior Talent Professional Mentor, Coach and Founder - Crafting Capability; and Mr. Sam Baisla, Founder and CEO of Brand Samosa, DECODR and NEXEL, were some of the speakers of the summit.

FDP

The faculty development programme was aimed at empowering the faculty members, enthusiasts and professionals in the area of Data Science and Machine Learning using state-of-the-art methods. There were 18 sessions in the whole programme with each session being of 90 minutes. Every session followed an organized flow starting from background information and then progressing towards brainstorming and information exchange. It served as a great platform for our immensely talented peer group of faculty members to get acquainted to efficient ways of management in these fields.

STUDENTS & CLUBS



Life On Campus

Admission to this centrally affiliated institute leads to a rendezvous of various cultures and people from various regions, ranging from Tamil Nadu to Jammu and Kashmir, are here, hence depicting a miniature India here at IIITP. Indeed a perfect example of the pan-India outreach of the institute. In such diversity, we heartily promote unity among students.

Coding Culture

BiT-Legion is the official coding club of IIIT Pune. The club creates a platform which allows students to gain assistance and mentorship to enhance their coding ability. Through the club, multiple events are conducted regarding competitive coding, placement preparation and interview preparation. Weekly lectures are conducted by senior members of the club to strengthen the algorithmic concepts and math basics of students. The club also guides and encourages participants to participate in prestigious global coding events like ACM ICPC, Google CodeJam, GSoC, etc. We can proudly say that one of our teams has made it to top 40 in regionals and is first among other IIITs.

Literature

Eclectic is the literary and debating society of IIIT Pune. They are one of the most dynamic and creative student-run clubs at IIIT Pune. It provides a platform for students to express themselves, to a diverse group of individuals. Personality development lies at the core of Eclectic - It boosts your confidence, improves your interpersonal skills, and helps you prepare for the intellectual and communicative side of modern engineering.

Music

SAAZ, the Musical Society of IIIT Pune is a unique amalgamation of modern and authentic classical music art forms. Saaz performs with various instruments and practices a big spectrum of genres from pop, hip-hop, classical to jazz. Collaborating from song writing, singing, mash-ups to raps and all forms of music production, Saaz is a perfect getaway for music lovers.

Dramatics

ABHINAY, the Dramatics Society of IIIT Pune is an authentic mixture of genius, determination plus a tad bit of eccentricity

and a journey of presenting, experiencing , exploring new genres and portraying these heartfelt emotions to the audience. No form of Impression is more powerful than Drama. The budding technocrats here participate to grow and convey a message for the crowd to embrace. Abhinay is the platform where the souls of actors, directors, writers find their voice and energy.

Dance

Vanity Crew, the dance club of IIIT Pune is a community of fun-loving, interactive students who aim to provide an opportunity to the future engineers for artistic exploration in the field of dance. The club is not limited to dancing but training ourselves to perfection and team work. With dance forms ranging from Bollywood to Hip Hop to Classical. Through this extraordinary artform we try to bind the students and discover the artist in a techie.

E-Cell

The Entrepreneurship Cell at IIIT Pune is a society committed to making India the strongest economy in the world. It is a non-profit organisation that aims to create a business-oriented ecosystem for aspiring entrepreneurs by creating opportunities that foster innovation. E-Cell IIIT Pune promotes its motto - "Think. Innovative. Sell. Prosper." - as it considers these to be the four foundational pillars of successful entrepreneurship. Through this society, the students aim to provide a platform that ensures ideas are turned into reality and the potential of the youth is not left untapped.

Student Media Body

Ingenuity is the official student media body of IIIT Pune. After 4 years of development, Ingenuity rolled out as a student media body to offer news and needs for the amelioration of everyone through this website. Along with news, ingenuity shares experiences of students who have received an internship/ placement offer and brought laurels to the college, and in the editorial section the students are provided with that news and

events that are happening in and around the institute.

Robotics And IoT

ROFIES, the robotics society is one of the marquee students' clubs of IIIT Pune. Being an Information Technology focused institution, it creates a platform for doing something out of the academic spectrum, creating something mechanical and something that has a significant physical presence. ROFIES is a group of versatile minds brainstorming to create and explore the robotics and automation and IoT technology niche.

Sports

Sports play an integral role in the overall development of an individual. The institute has extended a warm hand to the sport enthusiasts, by developing an excellent atmosphere for competitive sports such as Cricket, Football, Volleyball, Badminton, Table-Tennis, Carrom, Chess, Kabaddi, etc. Sports teams from our college have represented the institute in various reputed colleges including IIT-BHU, CoEP Pune, IIIT Kancheepuram, etc.

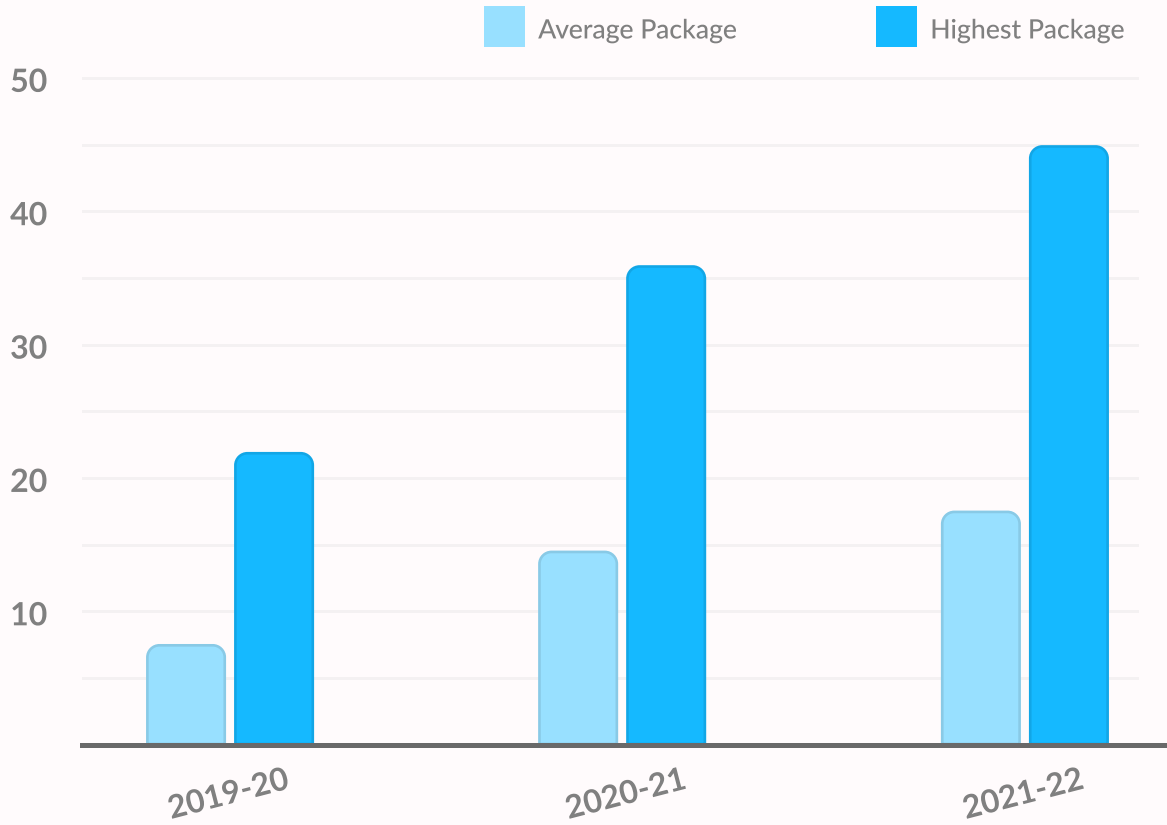
Quiz

Q-Riocity, the quizzing society of IIIT Pune appeals to the intellectual thirst that generally goes unquenched through college. With a plethora of exciting quizzes, the club helps channelize the competitive quotient of the youth with amazing brain-scratchers. Theorists may say otherwise, but Q-Riocity believes there's no end to what the brain can hold.

OUR RECRUITERS

Accenture	Google	Persistent Systems
Affine Analytcs	HaikuJAM	Pickrr Solutions
Amazon	HEXAGON	Practo Technologies
Backer Hughes	Hunger Box	Publicis Sapient
Betsol	Intel	Quantiphi
BOSCH	Indus OS	Rakuten
Bussr	Infosys	Reliance Jio
Buyhatke	Interactive Brokers	rtCamp Saint
Cadence	JUSPAY	Gobain Schindler
Capgemini	Josh	Searce
CarWale	KPIT Tech Ltd.	SEIKOR
Centelon	Lentra.ai	SIEMENS
Cimpress Pvt. Ltd.	Logic Fruit Technologies	SpringML
ClearTax	L&T Infotech Ltd.	ST Microelectronics
Climate-Connect	LTI	Goldman Sachs
Codenation	Matchday.ai	Intellact Design
Comscore	MAQ Software	Intuit
Conde	Max Secure	SUD Life
Nast	Microsoft	TCS Digital
Datawrkz	Mitsogo Technologies	TCS Innovation Labs
Deloitte	NCR Corporation	Uber
Doubtnut	National Instruments	UBS
Eckovation	NTT Data	UpGrad
Elastic Run	Nuance Communications	Valuefy Virtusa
EMERSON	Nutanix	Vassar Labs
Falkonry	NYKAA	Wolters Kluwer
FinIQ Consulting	O9 Solutions	Xebia
Gojek	Paypal	ZS Associates

PLACEMENT STATISTICS



2019-20

Average Package: 7.5 LPA

Highest Package: 22 LPA

2020-21

Average Package: 14.5 LPA

Highest Package: 36 LPA

2021-2022

B. Tech

Average Package: 16.83 LPA

Highest Package: 53 LPA

M. Tech

Average Package: 9 LPA

Highest Package: 20 LPA

PLACEMENT DRIVES

Summer Internship

We give utmost importance to industry exposure that our students receive as a part of their curriculum of which summer internships have grown to become a very important factor. Our industry focused curriculum is constantly evolving with the latest trends and we are thereby able to provide a dynamic use-case based approach of teaching to our students. Exposure to a variety of work cultures forms a significant part of the theoretical and practical approach of study that results in a unique pedagogy of learning that we impart on our students.

IIIT Pune, as part of its internship program is associated with global leaders in tech. Various multinational corporations doing business in varied sectors including engineering, software and finance opt for our institute as part of their talent acquisition process every year picking up students from our institute in numbers.

Final Hiring Program

IIIT Pune has developed a robust and scalable hiring program as part of its placement policy. The final hiring program is a routine process wherein companies and organizations interested to offer positions of responsibilities to our students recruit.

The process tentatively starts from February of the year for a batch which is due to pass out that academic year. The program generally continues for that entire academic session for the said batch. IIIT Pune takes care for all the infrastructure that is required by the company for their recruitment process and we are dedicated to provide you with the best in class facilities for the same. The time slot a company receives for the drive depends upon the compensation package that the firm is offering.



CDCRC COMMITTEE

Career Development And Corporate Relation Centre

Training And Placement Officer

Mr. Mudit Sachdeva

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Faculty Committee

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Dr. Bhupendra Singh	Member	bhupendra@iiitp.ac.in
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