

# International Institute of Information Technology (I<sup>2</sup>IT)

[Approved by AICTE | Recognized by DTE, Govt. of Maharashtra Affiliated to the Savitribai Phule Pune University]

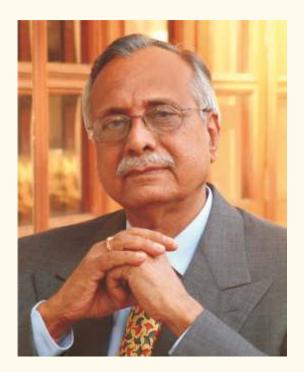
Accredited by NAAC | Accredited by NBA - 2 UG Programmes



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## **Founder President**



Late Shri Pralhad P. Chhabria

Founder President -Hope Foundation and Research Centre Founder Chairman -Finolex Group of Companies (12.03.1930 - 05.05.2016) "I have not gone, just moved on. Each morning we are born again to work hard and live another beautiful journey."

Late Shri Pralhad P Chhabria, Founder President, Hope Foundation and Research Centre (Hope Foundation) and Founder Chairman, Finolex Group of Companies has been an inspiration to many. Despite having received only primary education, with his ingenuity and inventive business strategies, Shri Chhabria established the Finolex Group of Companies in 1958 and over the years built it into a well-known conglomerate. He firmly believed that the future of our country depended on two critical aspects; quality education and women empowerment.

He has been known for his philanthropic activities encompassing education, health care, religious and spiritual teachings. Through the educational divisions FAMT at Ratnagiri and I<sup>2</sup>IT at Pune, he has established a number of scholarships, assistantships and cash awards for students who have displayed academic excellence but lack the financial opportunity to pursue their dreams.

Shri Chhabria often said, "It is an irony that I never had the benefit of formal education, but can now be instrumental in providing education to hundreds of deserving and underprivileged students. It gives me great satisfaction that my contribution will leave behind something lasting for these youngsters and for the country.



Padma Vibhushan

Dr. R. A. Mashelkar graced the occasion of Founder's Day on I<sup>2</sup>IT Campus.

Other dignitaries include

Dr. Vaishali V. Patil, Dr. Aruna M. Katara, Dr. Vijay Bhatkar, & Mr. Prakash P. Chhabria

# Hope Foundation and Research Centre

Hope Foundation and Research Centre (Hope Foundation) is a Public Charitable Trust / Society established by Late Shri Pralhad P. Chhabria in the year 1979 with the objective of rendering social service towards nation building. Hope Foundation is registered under the Bombay Public Trust Act, 1950 (now known as the Maharashtra Public Trust Act, 1950) and the Societies Registration Act, 1860 under the auspices of the Finolex Group of Companies and has been contributing to the field of higher education, medical assistance and research and development activities, and is successfully accomplishing its societal objectives to deserving communities across the country.

Under the aegis of Hope Foundation (the Trust / Society) are two educational institutions:



Finolex Academy of Management and Technology (FAMT), Ratnagiri. www.famt.ac.in



International Institute of Information Technology (I<sup>2</sup>IT), Pune. www.isquareit.edu.in

Hope Foundation has been active in the field of medicine since inception extending aid for cancer patients especially children in the form of medical assistance and lifesaving drugs. The Foundation also extends support technically and financially by way of donations, scholarships, awards, fee waivers, student assistantships etc. to its deserving students and to social communities serving the society with a non-profit motto to the maximum extent possible in order to develop innovative products, technologies and services by way of association, collaboration or otherwise for the attainment of the objects of the Trust / Society.

Hope Foundation launched its activities into the field of education with the establishment of the Finolex Academy of Management and Technology (FAMT) on 25 acres of land located in M.I.D.C. Ratnagiri, in 1996. FAMT is a professional engineering college established with the aim of providing quality education to young aspirants from the under developed region of Konkan to acquire specialized technical skills in the fields of engineering, technology and management.

FAMT is approved by the All India Council for Technical Education (AICTE), New Delhi and affiliated to the University of Mumbai and offers undergraduate and postgraduate degree level courses in Engineering in the fields of Computer Science (Artificial Intelligence and Machine Learning), Mechanical, Electrical, Electronics & Telecommunication, Chemical, Information Technology, Masters in Computer Applications (MCA) and M.E. (Machine Design). FAMT, Ratnagiri has approximately 2000 students on its campus. FAMT is accredited by the National Assessment and Accreditation Council (NAAC) with B++ Grade in Accreditation Cycle 1.

FAMT is the first and only recognised Research Centre approved by University of Mumbai in Ratnagiri and Sindhudurg Districts. For more details, please visit www.famt.ac.in

Hope Foundation is recognised as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India. This recognition would definitely add value to the Research & Development activities of the Institute for undertaking various funded research projects.

## Pralhad P. Chhabria Awards

Hope Foundation in association with the IEEE India Council and Women In Engineering Affinity Group, IEEE Pune Section has instituted the Pralhad P. Chhabria Awards from the year 2017, in memory of Late Shri Pralhad P. Chhabria, Founder President, Hope Foundation. These awards applaud academic and professional achievements of young women for their accomplishments in the areas of Science, Engineering and Technology.

Late Shri Pralhad P. Chhabria always encouraged and supported education of young women. He firmly believed that women have always been far superior to men and have the ability to make whatever they get, greater and providing them with good education in turn ensures that they not only share their knowledge and skills with their family; but harness it for the betterment of the community and the nation.

The awards are listed under the following categories:

- 1. Best Outgoing Female Student (applicable to final year students who are pursuing their UG degree in Science, Engineering or Technology)
- 2. Best Woman Professional Early Career (applicable to women professional who have 3-7 years experience in Science, Engineering or Technology)

Receiving this award is a personal challenge and a just competition among all applicants. It is intended to push young women to reach their full potential and be the best; for themselves as well as for those they are associated with. These awards will transform the lives of young women and can play a critical role in their personal and professional development.

The winner receives a prize of ₹ 1,25,000/- (Rupees One Lac Twenty Five Thousand Only) and the runner-up receives a prize of ₹ 50,000 (Rupees Fifty Thousand Only), a medal and a citation which is sponsored by Hope Foundation.

#### 2023 Winners



#### Winner-Best Woman Professional (Early Career)

**Dr. Rucha Joshi - Tamaskar**, Ph.D., is a faculty at Plaksha, formerly an Assistant Professor at the University of California, Davis; and a postdoctoral fellow at Purdue University, where she worked on tissue engineering as well as engineering education research, specifically on biomaterials, drug delivery and instructional innovation using active learning in biomedical engineering. Rucha received a BS in biotechnology engineering from Shivaji University, India, in 2009, and MS in biomedical engineering from Vanderbilt University in 2011. Rucha has two patents, on making low calorie biscuits from banana peel pulp, and second on "collagen based

therapeutic delivery systems". Her current research focuses on silk-biomaterials, project-based learning, personalizing learning, and entrepreneurially minded engineers. She is also a director for Grand Challenges Scholars Program at Plaksha, creating experiential learning through a combined curricular, co-curricular, and extracurricular program. Rucha has been active on making engineering inclusive to the under represented high school students in India and the United States. Her latest book on collagen based drug delivery was published by Springer in 2021. Rucha also wrote a book in Marathi telling a story of her journey of representing India at Japan in class 12th, being honored by Dr. APJ Abdul Kalam, the late president of India, for her invention of "low calorie biscuits from banana peel pulp". This book in Marathi, "Bhartiya Balvaidnyanikachi Garudzep", summarizing her life experiences in inspiring Indian students towards STEM pursuits, won a literary award from the State Government of Maharashtra in 2008.

Rucha is actively working to promote the inclusive maker movement as a part of the Inclusive University Alliance, and building inclusive STEM DIY activities to address the higher learning needs of visually impaired high school children. She has served as a BME Liaison for the Committee for Diversity, Equity, and Inclusion (CDEI) of the American Society for Engineering Education (ASEE) in 2021-22, and as a secretary of New Engineering Educators division of ASEE in 2019-20. She was invited on the advisory committee for the 10th International Conference in Transformations in Engineering Education (ICTEIEE) 2023, organized by the Indo Universal Collaboration for Engineering Education (IUCEE). In 2022, she served as the healthcare area co-chair for the International Conference on AI at Plaksha. She is active member of IEEE, SWE and a reviewer for peer publication of manuscripts (eg. Journal of Colloids and Surfaces B: Biointerfaces, Journal of Engineering Education).



#### Runner up-Best Woman Professional (Early Career)

Dr. Aparna Kumari, is an Assistant Professor with the Department of Computer Science and Engineering, Institute of Technology, Nirma University, Ahmedabad, Gujarat, India. She focuses on cutting-edge research and teaching. Her broad research area includes Smart Grid Systems, Blockchain Technology, Electric Vehicles, and Renewable Energy Sources. She has been listed in the world's Top 2% Scientists as per the list published by Stanford University's USA in the years 2021 and 2022. Two of her novel works on COVID-19 have been approved by the WHO and included in their "COVID-19 Global literature on coronavirus disease" database. She authored/coauthored 40 publications (28 in peer-reviewed SCI-

indexed International journals, 10 papers presented in top-tier IEEE International conferences, and 02 book chapters in Springer and IET). She is an active member of IEEE and Women in Engineering (WIE) India. She strives to contribute to society through her outreach to societal projects. She shall partly utilize the prize money for her research work and her research lab. She aims to facilitate access to resources for underprivileged students.



#### Winner-Best Outgoing Student

Debeshee Das is currently pursuing her 4th Year of BTech in Computer Science and Engineering at the Indian Institute of Technology Tirupati (IIT-T). She has consistently been a top academic performer, securing International Rank 1 in the National Science Olympiad (NSO) by SOF (Asia's Largest Olympiad) for 2 consecutive years. She was awarded the prestigious national level scholarships NTSE and KVPY by the Government of India for meritorious students. She is passionate about exploring technical ideas indepth and has worked on research projects in explainable AI, software security and source code representations for AI-powered software engineering tasks. She interned at IBM Research Labs in 2022,

and has a peer-reviewed publication at the ACM EASE 2022 conference. A graduate in Indian Classical music, she is an enthusiastic student leader, heading various clubs and technical events while being the Editor-in-Chief of IIT Tirupati's student magazine. She is passionate about finding innovative ways to fill the gaps in the traditional education system and takes up various initiatives, from building relevant apps to voluntary teaching. Keeping aside a portion for her higher studies, she intends to use the award for programs that provide quality education to underprivileged students.



#### Joint Runner up-Best Outgoing Student

Khushi Desarda is a final-year Pimpri Chinchwad College of Engineering, Pune student majoring in information technology. She is now interning at HP, Inc. She is an avid competitor in various coding contests. She participated in DD-Robocon 2021and won AIR 4 along with Promising Performer Award. She is the 2021 recipient of the Virtual Grace Hopper Celebration Student Scholarship.

Two research papers available on IEEE Xplore and one patent published under Khushi's name attest to her innovation and research abilities. She has received a copyright grant for the summary of one of her

concepts. She won the Jury Award for Innovation at the TCS Sustainathon Pune 2021. She is a finalist in La Trobe University's Technology Infusion Grand Challenge.

Khushi has actively volunteered for IEEE as the Social Media Coordinator of the IEEE India Council. She skillfully used IEEE as her professional home and set an example for others. Khushi particupated in the Educational Game Development Project for the Raja Dinkar Kelkar Museum in Pune. She is the consecutive two times winner of the IEEE Eu-Reka 2020 and 2021 competitions.

Khushi would like to use the part of the prize money to continue her IEEE journey and publish more research. A portion of the prize money would be used to apply for higher education. In addition, she wants to donate to the orphanage, organize tree-plantation drives and purchase thought-provoking books. This prize will serve as an encouragement for her as she works to accomplish her goals and support social and economic growth in society.



#### Joint Runner up-Best Outgoing Student

Reshmaja K Ramesh is a multi-talented final year B.E. Electronics and Communication Engineering student. She has been the inventor of 4 patents and has published several International Research Articles in prestigious publications like IEEE and Springer. Reshmaja has received recognition for her projects from IEEE, IETE, IIT, SONY, and SAMEER (R&D, DIT govt of India). Also, she has been recognized by NASA as a citizen scientist through International Asteroid Search Campaign. She got the Gold Honora award in International Astrophysics and Astronomy contest, the Young Achiever 2022 award from the rotary club and the Special Achiever 2022 award from Chrompet Malayali Association.

Reshmaja has additionally undertaken multiple extracurricular activities. She is the Women in tech lead of the google developer student club, and Secretary of the Industrial electronics and Signal processing society of IEEE. She is a professional classical (Bharatanatyam and Mohiniyattam) dancer and received the Yuvashree Kalaimamani award for the same. She has also been the winner of Kerala Natanam and Nadodi Nritham conducted by the Confederation of Tamil Nadu Malayali Association. She has won the Bhagavad Gita and Vishnu Sahasranamam sloka recitation Competitions conducted by Chinmaya Mission consecutively for 12 years. She would like to use her prize money partly for her projects and most of it for her outreach program to boost the count of women in technology.

To know more about the Pralhad P Chhabria Awards, please visit - www.hfrc-ieeeawards.org

# Management & Authorities

#### **Board of Trustees / Managing Committee**

#### Dr. Aruna M. Katara

Educationist

President & Founder Member

#### Mr. Amit M. Katara

Industrialist Vice President

#### Dr. Mukesh D. Katara

Industrialist Member & Trustee

#### Dr. Avinash N. Katara

Surgeon

Member & Trustee

#### Ms. Amrita M. Katara

Private Service Managing Trustee

#### Dr. Samita Moolani

Surgeon

Member & Trustee

#### Ms. Sangeeta S. Bajaj

Service

Member & Trustee

#### **Board of Governors**

#### Dr. Aruna M. Katara

President of the Registered Society / Trust Chairperson

#### Dr. Mukesh D. Katara

Nominee of the Registered Society/ Trust Member

#### Ms. Amrita M. Katara

Nominee of the Registered Society/ Trust Managing Trustee

#### Nominee of AICTE Council

Nominee of the AICTE Ex-Officio Member

#### Dr. Avinash Kumbhar

Nominee of the Affiliating University Member

#### Mr. Vishwas Mahajan

Industrialist / Technologist / Educationist from the region Nominated by The State Govt. / UT Member

#### Prof. Madhuri S. Reddy

Faculty Nominee Member

#### Mr. Amit M. Katara

Nominee of the Registered Society/ Trust Member

#### Dr. Samita Moolani

Nominee of the Registered Society/ Trust Member

#### Nominee of DTE

Nominee of the State Government / UT Ex-Officio Member

#### Mr. Raja Mahbubani

Industrialist / Technologist / Educationist from the region nominated by the State Govt. / UT  $\mbox{\it Member}$ 

#### Prof. Dr. Varsha Degaonkar

Faculty Nominee Member

#### Prof. Dr. Vaishali V. Patil

Principal of the Institution and Nominee of the Trust / Society Member Secretary

# **Academic Advisory Council**

#### Introduction

The Educational Divisions of the Trust / Society i.e. Finolex Academy of Management and Technology (FAMT), Ratnagiri and the International Institute of Information Technology (I²IT), Pune are going through a challenging and exciting phase in the field of higher education and research.

The Academic Advisory Council of the Hope Foundation and Research Centre (Hope Foundation) comprises of eminent personalities with varied knowledge and rich experience to provide the right impetus to its educational divisions so as to strengthen the academic, research and development in India.

#### Members of the Academic Advisory Council



Padma Vibhushan Dr. R. A. Mashelkar National Research Professor, NCL President, Global Research Alliance



Prof. (Dr.) B. B. Ahuja Former Director, College of Engineering, Pune



Mr. Nanik Rupani Chairman Emeritus, Priyadarshni Academy



Prof. (Dr.) Nitin Karmalkar Former Vice Chancellor, Savitribai Phule Pune University



Dr. Ganesh Natarajan Founder, 5F World



Mr. Shyam G. Raheja Chairman, S. Raheja Realty Pvt. Ltd



Prof. (Dr.) Aditya Abhyankar Dean - Department of Technology Savitribai Phule Pune University



Dr. Srikanth Thiagarajan Clinical Trials and Algorithms Lead, Analog Devices Inc.



Dr. Sujata A. Naik - Tolani Chairperson, Tolani Maritime Institute & Tolani Shipping Co. Ltd.



Mr. Sameer Dua Founder, Institute for Generative Leadership



Mr. Rajiv Vaishnav Managing Partner Cornerstone Venture Partners



Mr. Narendra Goidani Founder, Life School



Dr. Bharat Agarwal President, Vishwakarma University



Adv. Abhay Nevagi Advocate, Abhay Nevagi & Associates

# Messages



**Dr. Aruna M. Katara**President, Hope Foundation

"Education has to be taken to the masses; it needs to be rooted not in rote learning but in a dynamic new pedagogy that fosters innovation and the leadership mantra in each individual within the system. Flexibility and rapid adaptation to the needs of the day have to be its hallmark if we are to fulfill our vision of a 'Shining India'. I truly believe that the priorities for our country are Education and Health. I am grateful that we are one of the providers of these priorities. I am forever an idealist. To me, the spirit of nation building has to be at the core of our motivation if we are to break the shackles of age-old beliefs and responses.

A vibrant, corruption-free India can only be built by a generation that has learnt to cherish those values our country was known for. This vision is based on idealism. Our efforts are, we know, but a drop in the ocean. Yet, I also believe that every drop in the ocean counts and these efforts can come to a wonderful fruition. We fulfill our pledge towards "Make in India!". Confucius reminded us that the journey of a thousand miles begins with a single step. We began with tiny steps, and look forward to this journey as an adventure in learning and creating. The way ahead can only get better."



Prof. Dr. Vaishali V. Patil - Principal
Ph.D (IIT Bombay)

"Greetings from International Institute of Information Technology (I<sup>2</sup>IT)! The Institute is established to nurture and shape technical professionals and leaders who can create an inclusive and sustainable society in a national and international perspective. To achieve this vision, undergraduate engineering degree programs have been launched that equip the students with necessary skills to face the ever changing social, economic and technical landscape of our country. At I<sup>2</sup>IT, we provide high-end undergraduate education and research opportunities in new frontiers of Engineering and Technology with special focus towards Innovation & Leadership.

Students are provided with opportunities for interaction with the experts from the Industry through Guest Lectures, Industrial Visits, Vocational Training, Internships, Student Chapters of International Professional Bodies, Sponsored Projects etc. To align with the curricula, we have excellent faculty, state-of-the-art infrastructure and laboratories. Spacious green campus, good library and peaceful atmosphere ensures that learning becomes a wonderful experience."

#### **Vision**

To be a premier academic institution that fosters diversity, value added education and research, leading to sustainable innovations and transforming learners into leaders

#### **Mission**

- To strive for academic excellence, knowledge enhancement, and critical thinking capabilities by adopting innovative and dynamic teaching learning pedagogies
- To enrich and leverage interactions and associations through industry academia partnerships
- To groom students so as to make them lifelong learners by helping them imbibe professional, entrepreneurial and leadership qualities
- To embrace an environment that allows all stakeholders to benefit from the technology enabled processes and systems

### **Core Values**

- Place learner needs at the centre of our academic and service planning, policies and programmes
- Hold high standards of character and integrity as the foundation upon which the institution is built and uphold the dignity of each individual by being ethical, humble, unbiased and polite in communications and actions
- Encourage academic flexibility, knowledge and skills by integrating teaching, research and learning to promote continuous progress of our educated community
- Provide every individual, equal opportunity, encouragement and conducive environment to strengthen their inherent potential to set and achieve higher benchmarks of excellence

#### Distinctive Highlights

- Strategically situated in Hinjawadi IT hub of Pune spurred on by an abundance of highly trained and young work force.
- Distinguished faculty members with rich teaching, industry & research experience, number of who are alumni of institutions of national and international repute
- More than 90% graduating students have consistently secured Distinction and First Class in the University examinations
- Academic, technical and other value-enrichment courses to enhance the overall development of students
- Students receive internship opportunities through Centre of Excellences
- International exposure to students by organising Innovation Camps
- Exhaustive physical and digital library with book bank facility for students
- State-of-the-art academic, administrative and ICT Infrastructure with well-equipped laboratories
- Extensive value added and outreach activities are conducted to inculcate leadership qualities in students and ensure professional development
- Active student participation and achievements in academic and non-academic events at national and international levels
- Financial scholarship for meritorious and deserving students
- Encouragement to students for participating in athletic, cultural and social activities
- Strong alumni network for global reach
- On-campus separate hostels for girls and boys
- Well-equipped 24x7 Medical Assistance Centre
- Environment friendly clean and green campus

## **Institute Profile**



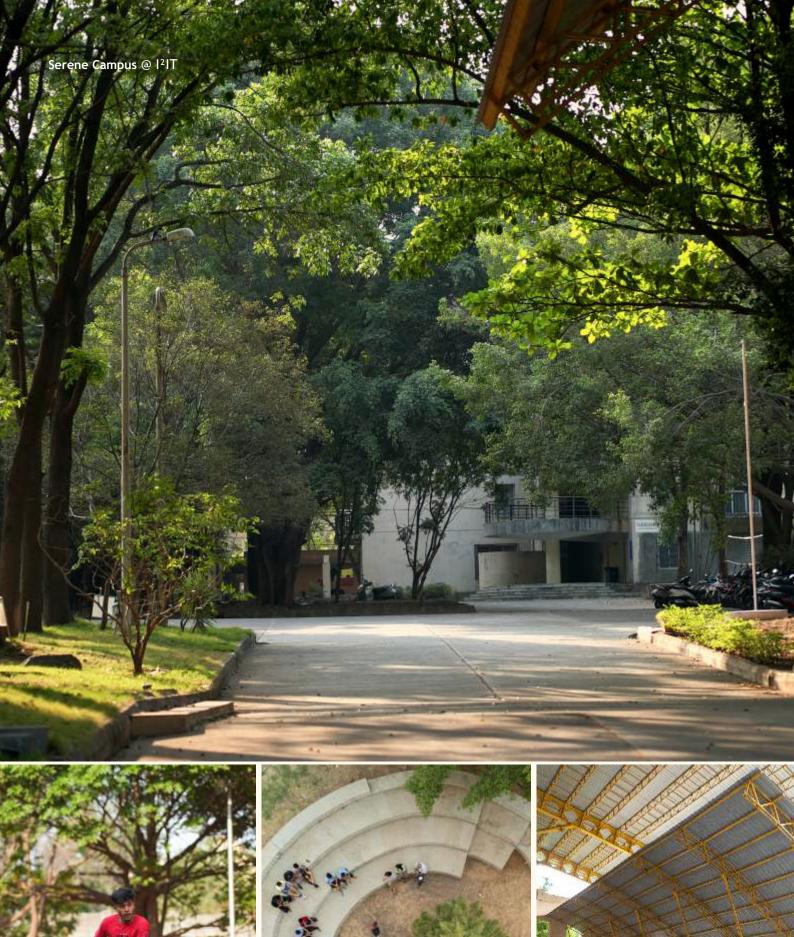
## International Institute of Information Technology (I2IT), Pune

The International Institute of Information Technology (I<sup>2</sup>IT), Pune [pronounced as I Square IT] was established in the year 2011 as a world class academy to impart high-end education in Engineering and Technology to meet the growing needs of the industry. Established on 10 acres of land, this institute equips students to accept challenges in the areas of Information Technology, Engineering and other niche areas of expertise.

I<sup>2</sup>IT is an Undergraduate Engineering Institute approved by the All India Council for Technical Education (AICTE), New Delhi; Recognized by the Directorate of Technical Education (DTE), Govt. of Maharashtra and is affiliated to the Savitribai Phule Pune University and offers 4 years full-time B.E. courses in Computer Engineering, Information Technology and Electronics and Telecommunication with approximately 1300+ students on campus.

 $I^2IT$  is accredited by the National Assessment and Accreditation Council (NAAC) with B++ Grade in Accreditation Cycle 1. The accreditation is valid for a period of 5 years. Furthermore, two programmes viz: Computer Engineering and Electronics & Telecommunication are conferred with National Board of Accreditation valid for a period of 3 years. The Institute is also recognized u/s 2(f) of the UGC Act, 1956.

The three co-ordinates for all the courses offered are theoretical foundations, applied practices and real-life experiences; which are achieved through spacious and comfortable lecture rooms, well-resourced laboratories and hands-on project work in association with various companies. The whole teaching - learning environment is geared towards nurturing innovation and building leadership.









# Research and Development



The Institute has a dedicated In-house Research & Development, Consultancy and Collaboration (RDCC) cell known as the Pralhad P. Chhabria Research Centre (PPCRC) established in the year 2016 in memory of our Founder President Shri Pralhad P Chhabria to fulfil his lifelong commitment towards fostering social and technological development in India.

RDCC Cell is an eminent wing of academics that encourages and facilitates the ecosystem to undertake sponsored research, consultancy and capacity building projects by institute's faculty and staff members. RDCC Cell has formulated and executed collaborative research & capacity building programmes in association with top research institutes and international agencies in India and abroad. An interdisciplinary approach is encouraged to involve in different research and consultancy activities for the industries in several diverse fields of engineering and technology.

I<sup>2</sup>IT currently has secured research, consultancy and capacity building funding worth more than INR 4.5 Crores. Research projects are supported by the Ministry of External Affairs and the International Bilateral Cooperation Division of Department of Science and Technology (DST), Government of India.

I<sup>2</sup>IT, Pune has entered into a Memorandum of Understanding (MoU) with M/s EdGate Technologies Pvt. Ltd. (University program partners of M/s Texas Instruments, USA), a Services Agreement (SA) M/S Tom Tom India Pvt Ltd and an agreement for a consultancy project on design and development of Project Management Information System for Asian Disaster Preparedness Center, Bangkok under CARE for South Asia project supported by World Bank. The RDCC cell has MoA with Hofintech Pvt Ltd for Co-development and research of new Enterprise Asset Management tools and Co-development and research of IT and Software. Institute has implemented an e-learning platform for offering music courses of Baithak Foundation. Also, I<sup>2</sup>IT has inked consultancy services for design and development of software enterprise solutions for Ginkgo Soft Company Limited, Bangkok.

Further, the recognition granted to Hope Foundation (Trust / Society) as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India has added value to the Research & Development activities of the Institute for undertaking various funded research projects.

For more details, please visit: https://www.ppcrc.isquareit.edu.in

#### Center of Excellence in Geoinformatics



The Center of Excellence in Geoinformatics, is an initiative aimed at promoting education, research and support services for Information Communication Technology (ICT) enablement of Geospatial applications using open source solutions. Its main efforts are geared towards increasing awareness, understanding, appreciation and application of Geospatial solutions using a participatory and community driven approach in the form of research, outreach and consultancy.

The research activities in the center are in the form of community development projects and sponsored projects by national & international funding agencies.

# Center of Excellence in Cloud Computing & Cyber Security



The Center of Excellence in Cloud Computing & Cyber Security is an initiative to promote Cloud Architecture, DevOps, Big Data Analytics, Machine Learning, Deep Learning, Alexa Skill Builder on Cloud, Threat intelligence analysis, Forensic Investigation, Penetration Testing and Application Security Management. Center of Excellence in Cloud Computing and Cyber Security was inaugurated by Prof Vishram Thatte, who is one of the AWS Academy - Technical Program Manager at I<sup>2</sup>IT campus & its main efforts are geared towards increasing awareness,

understanding, appreciation and application of Cloud Computing and Cyber Security.

The consultancy offered in the center are in the areas of enterprise software product designing, development and deployment of cloud services.

## **Artificial Intelligence**



The Center of Excellence in Artificial Intelligence, we use A.I. and Machine Learning to develop products that empower people, improve accessibility and fight climate change. We have also partnered with WiselyWise Pte Ltd. to offer students courses on Artificial Intelligence and Conversational A.I., as well as with Amazon Alexa to offer workshops to our students.

It is an initiative aimed at promoting education, research and support services for Artificial Intelligence (AI) applications by collaborating with industry leaders.

Its main efforts will be geared towards increasing awareness, understanding, appreciation and application of AI based solutions using industry driven approach. I<sup>2</sup>IT has inked a Memorandum of Understanding (MoU) with WiselyWise, a Singapore based company for Artificial Intelligence (AI), Machine Learning (ML) & Block Chain technology based online education services to ourstudents and faculty members. WiselyWise is a Singapore headquartered AI EdTech company which embarked on this journey to build curriculum to enable students for Industry leading job requirements around AI & ML.

With this MoU, I2IT has become a nodal center for WiselyWise online certification courses in India.

## ICT Infrastructure

The Information and Communication Technologies (ICT) and its infrastructure support have become an integral part of our existence and learning experiences in all aspects of life. ICT has fundamentally changed the systems and processes of nearly all forms of enterprises within their business activities and governance. The presence of ICT in the education and research domains / sectors has made a substantial impact in the last several years and it is virtually at par with the other functional fields. With the entire world moving very rapidly into digital media and other niche areas of technology, the role of ICT in education is becoming more and more significant and this significance will continue to foster and advance in the 21st century.

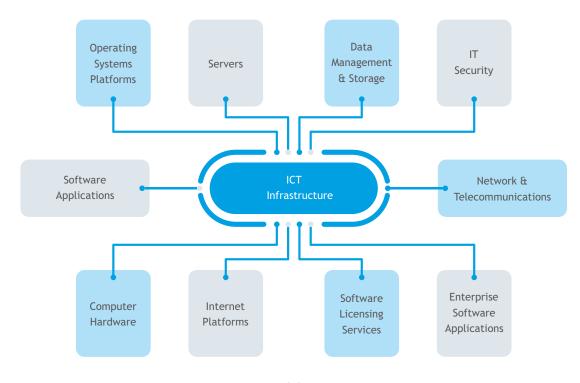
The ICT infrastructure of the Institute would definitely contribute in transforming the delivery quality of the teaching and learning process activities and seeks to explore the impact it would make for a much more effective way the academic programmes would be offered and delivered in the years to come. In addition to the regular interactive classroom teaching, some of the additional ICT tools used during the teaching pedagogy includes YouTube, Slideshare, Flipped Class, Moodle, Google Groups, Digital Social Media, Animations, Simulations and the like.

The International Institute of Information Technology (I<sup>2</sup>IT) continues to strive towards maintaining a sustainable ICT enabled environment and serve to provide the resourceful means of infrastructure for the benefit of the student community and their academic and research activities to realize the potential it holds.

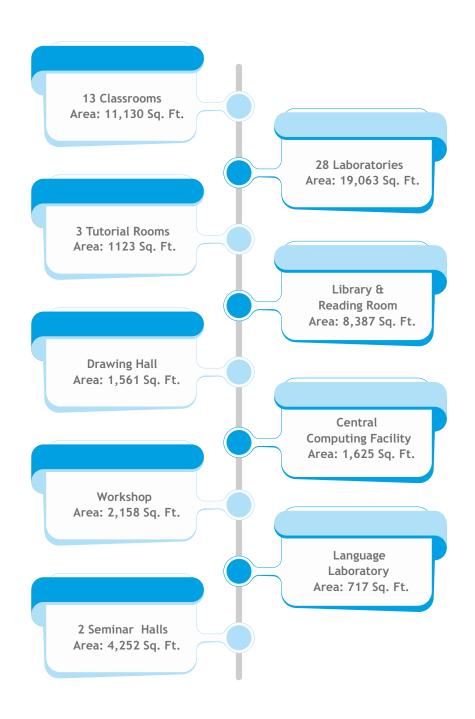
## **ERP Software Implementation**

In order to provide automated, authentic and accurate information and services for the overall management and administration of the Institute activities, a complete cloud based Institute Management ERP Solution (WEBDESK) is implemented from the Academic Year 2018 - 19. Webdesk provides a source of information and offers modules with robust features needed for Student, Parents, Faculty, Staff and the Management of the Institute.

Some of the key modules that the Webdesk ERP Solution would provide includes Admission Management, Fee Management, Examination Management, Faculty Allocation and Course Plan, Student Attendance, Library Module, Feedback etc. for the efficient, effective and errorless dissemination of various information and services to all stake holders of the Institute.



# **Academic & Administrative Infrastructure**



Administrative Areas 15,288 Sq. Ft.

Cafeteria Area 10,508 Sq. Ft. Amenities Area 2,26,419 Sq. Ft.

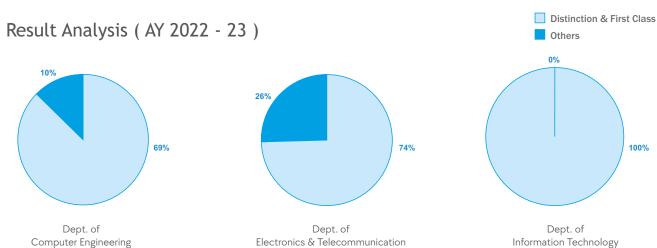
Common Areas 1,29,472 Sq. Ft.

**Student Residences** 

Girls Hostel : 250 Beds Boys Hostel : 350 Beds Other Facilities

 $24\ x\ 7$  Medical Assistance Centre Sports Club , CCTV , Physical Activity Spaces, Barrier free Environment for differently abled

# **Examination and Assessment**



#### **Examination and Assessment Scheme**

The theory examination are conducted in two phases for all subjects of all Semesters. Phase-1 is a part of insemester exam and Phase 2 is a part of end-semester exam.

## Assessment and Grade Point Average

Grade	Grade Points	Percentage of marks obtained	Remarks
0	10	90 - 100	Outstanding
А	9	80 - 89	Very Good
В	8	70 - 79	Good
С	7	60 - 69	Fair
D	6	50 - 59	Average
E	5	40 - 49	Below Average
F	0	Below 40	Fail

## CGPA and Class Awarded

CGPA	Class of the Degree Awarded
7.75 or more than 7.75	First Class with Distinction
6.75 or more but less than 7.75	First Class
6.25 or more but less than 6.75	Higher Second Class
5.5 or more but less than 6.25	Second Class

For detailed information and clarifications regarding the Examination and Assessment Scheme, please write to ceo@isquareit.edu.in and / or meet the College Examination Officer of the Institute.

# **University Rank Holders**



#### Priyanka Singh

1<sup>st</sup> Ranker and Gold Medalist Computer Engineering (B. E. 2016 - 17)

"When I heard that I have been awarded three Gold Medals for First Rank in B.E. Computer Engineering under Savitribai Phule Pune University, I was elated and excited about my achievement. I believe this isn't just my achievement, these Gold Medals belong to my parents, who have always supported my dreams and aspirations, my teachers at I<sup>2</sup>IT (Hope Foundation's International Institute of Information Technology, Pune) who encouraged me to believe in myself, my peers, who pushed me to try harder; in fact this belongs to all those who have impacted my life"

Sr. No.	Name of the Student	Result Year	Course	Course Year	SPPU Rank
1	Priyanka Singh	May 2016	Computer Engineering	Third Year	10 <sup>th</sup>
2	Nikhil Yadav	May 2017	Computer Engineering	First Year	10 <sup>th</sup>
3	Manali Kaswa	May 2018	Computer Engineering	First Year	5 <sup>th</sup>
4	Nikhil Kothari	May 2018	Electronics & Telecommunication	Second Year	6 <sup>th</sup>
5	Nikhil Kothari	May 2018	Across all Branches	Second Year	9 <sup>th</sup>
6	Indraneel Dongaonkar	May 2018	Electronics & Telecommunication	Third Year	9 <sup>th</sup>
7	Amit Kumar	May 2018	Computer Engineering	Third Year	10 <sup>th</sup>
8	Sahana B G	May 2018	Computer Engineering	Final Year	5 <sup>th</sup>
9	Suraj Tandel	May 2019	Information Technology	First Year	1 <sup>st</sup>
10	Shalaka Thorat	May 2019	Information Technology	Second Year	3 <sup>rd</sup>
11	Shalaka Thorat	May 2019	Across all Branches	Second Year	9 <sup>th</sup>
12	Ankush Kumar	May 2019	Information Technology	Third Year	9 <sup>th</sup>
13	Samiksha Sarnaik	May 2020	Electronics & Telecommunication	First Year	10 <sup>th</sup>
14	Abhijeet Kulkarni	May 2020	Computer Engineering	Second Year	9 <sup>th</sup>
15	Suraj Tandel	May 2020	Information Technology	Second Year	2 <sup>nd</sup>
16	Shalaka Thorat	May 2020	Information Technology	Third Year	3 <sup>rd</sup>
17	Shrushti Jagtap	May 2020	Computer Engineering	Third Year	5 <sup>th</sup>
18	Manali Kaswa	May 2020	Computer Engineering	Third Year	7 <sup>th</sup>
19	Shalaka Thorat	May 2020	Across all Branches	Third Year	9 <sup>th</sup>
20	Shrushti Jagtap	May 2020	Across all Branches	Third Year	10 <sup>th</sup>
21	Ayush Bhendale	May 2021	Information Technology	First Year	1 <sup>st</sup>
22	Agarwal Kundan	May 2021	Computer Engineering	First Year	2 <sup>nd</sup>
23	Mahajan Abhishek	May 2021	Computer Engineering	First Year	3 <sup>rd</sup>
24	Narkhede Pratik	May 2021	Information Technology	First Year	3 <sup>rd</sup>
25	Avishkar Patil	May 2021	Information Technology	First Year	3 <sup>rd</sup>
26	Poorvaditya Behere	May 2021	Information Technology	First Year	3 <sup>rd</sup>

# University Rank Holders

Sr. No.	Name of the Student	Result Year	Course	Course Year	SPPU Rank
27	Rajput Sahilsing	May 2021	Computer Engineering	First Year	3 <sup>rd</sup>
28	Vishnu Shinde	May 2021	Computer Engineering	First Year	3 <sup>rd</sup>
29	Surabhi Manoj Kumar	May 2021	Computer Engineering	First Year	3 <sup>rd</sup>
30	Sushmita Jha	May 2021	Computer Engineering	First Year	4 <sup>th</sup>
31	Palak Oza	May 2021	Computer Engineering	First Year	4 <sup>th</sup>
32	Atharva Burkule	May 2021	Computer Engineering	First Year	4 <sup>th</sup>
33	Sakshi Chaudhari	May 2021	Information Technology	First Year	4 <sup>th</sup>
34	Vaibhav Dhygude	May 2021	Computer Engineering	First Year	4 <sup>th</sup>
35	Meenu Pillai	May 2021	Computer Engineering	First Year	5 <sup>th</sup>
36	Soumya Bethi	May 2021	Information Technology	First Year	6 <sup>th</sup>
37	Praj Bhagat	May 2021	Information Technology	First Year	6 <sup>th</sup>
38	Khushi Parkhe	May 2021	Electronics & Telecommunication	First Year	7 <sup>th</sup>
39	Parth Deshpande	May 2021	Computer Engineering	First Year	7 <sup>th</sup>
40	Shreeyash Mahajan	May 2021	Computer Engineering	First Year	8 <sup>th</sup>
41	Joyce Joseph	May 2021	Information Technology	First Year	8
42	Sarthak Gupta	May 2021	Electronics & Telecommunication	First Year	8 <sup>th</sup>
43	Hitesh Jain	May 2021	Computer Engineering	First Year	8 <sup>th</sup>
44	Priyanshu Gupta	May 2021	Information Technology	First Year	9 <sup>th</sup>
45	Prerna Gajare	May 2021	Information Technology	First Year	9 <sup>th</sup>
46	Tina Varma	May 2021	Information Technology	First Year	9 <sup>th</sup>
47	Atharva Waghmare	May 2021	Electronics & Telecommunication	First Year	9 <sup>th</sup>
48	Tejas Shinde	May 2021	Information Technology	First Year	10 <sup>th</sup>
49	Salman Mujawar	May 2021	Electronics & Telecommunication	First Year	10 <sup>th</sup>
50	Raghav Sharma	May 2021	Computer Engineering	First Year	10 <sup>th</sup>
51	Yash Dusane	May 2021	Computer Engineering	First Year	10 <sup>th</sup>
52	Amit Ghatol	May 2021	Electronics & Telecommunication	First Year	10 <sup>th</sup>
53	Bhavesh Joshi	May 2021	Information Technology	Second Year	7 <sup>th</sup>
54	Shalaka Thorat	May 2021	Information Technology	Final Year	8 <sup>th</sup>
55	Omkar Mane	May 2022	Computer Engineering	First Year	9 <sup>th</sup>
56	Himanshu Kale	May 2022	Computer Engineering	First Year	10 <sup>th</sup>
57	Suraj Tandel	May 2022	Information Technology	Final Year	4 <sup>th</sup>

# Department of Engineering Sciences (First Year)

Bachelor of Engineering (B. E.)
[Affiliated to the Savitribai Phule Pune University]

For engineering students, it is very important to have the ability to apply knowledge of Mathematics and Sciences to Engineering problems. It is also crucial to have good analytical and data interpretation skills so that they can identify problems and provide optimum solutions. At the same time, they should also be perceptive of their professional and ethical responsibilities. Under the Department of Engineering Sciences, students are taught basic sciences like Physics, Chemistry and Mathematics with an application oriented approach. The Department also imbibes basic knowledge related to core branches of Engineering.

The Department has faculty members from diverse disciplines who help foster departmental and interdisciplinary teaching. With a holistic approach to student development, along with academics, there is a strong focus on extracurricular activities which instill values of leadership and team building. This important task of life skills development is also handled by the Department. To develop students to become proficient members in the science and engineering communities, the Department provides an encouraging environment which helps them develop their intellectual and critical thinking capabilities.

#### Highlights of the Department

- Continuous monitoring of academic performance of the students
- Extra practice sessions for University examinations
- Remedial lectures for students for better understanding
- Departmental Library is available for students
- Extended Laboratory hours for practice purposes
- One to one interaction with students through Mentor Scheme

### Lab Infrastructure

#### List of Laboratories

- Engineering Physics
- Workshop
- Engineering Chemistry
- Systems in Mechanical Engineering
- Central Computing Facility (CCF)
- Basic Electrical and Basic Electronics Laboratory
- Language Laboratory
- Engineering Mechanics
- Drawing Hall

The Department of Engineering Sciences (First Year) has all the required laboratories, which are equipped with modern infrastructure so that students can gain maximum knowledge. All these laboratories are efficiently handled by support staff members who assist as Laboratory/Technical Assistants and are equipped to handle the laboratory demonstrations and sessions along with the concerned subject faculty.

## **Course Structure**

Curriculum Structure for First Year Engineering (2024 Course) (With effect from Academic Year 2024-25)

	Semester I												
		Teaching Scheme (Hours/week)		Examination/Assessment Scheme and Marks				Credit Scheme			me		
Course Code	Course Type	Course Name	Lecture	Tutorial	Practical	In-Sem	End-Sem	TW/ PR/ Oral/Pre	Total	Lecture	Tutorial	Practical	Total
0715100	Basic Science Course (BSC)	Engineering Mathematics- I	03	01	-	30	70	25	125	03	01	-	04
0715101/ 0715102	Basic Science Course (BSC)	Engineering Physics / Engineering Chemistry	03	-	02	30	70	25	125	03	-	01	04
0407103/ 0306104	Engineering Science Course (ESC)	Basic Electronics Engineering (BEC)/ Basic Electrical Engineering (BEE)	03		02	30	70	25	125	03	•	01	04
0202105/ 0101106	Engineering Science Course (ESC)	Engineering Graphics and Design (EGD)/ Engineering Mechanics (EM)	03	-	02	30	70	25	125	03	-	01	04
1019107	Engineering Science Course (ESC)	Fundamentals of Programming Languages	02	-	02	30	70	25	125	02	-	01	03
0202108/ 0202109	Vocational and Skill Enhancement Course (VSEC)	Manufacturing Practice Workshop/ Design Thinking & Idea Lab	-	-	02	-	-	25	25	-	-	01	01
AEC110	Ability Enhancement Course (AEC)	Professional Communication Skills	-	-	02	-	-	25	25	-	-	01	01
CCC111	Co-Curricular Courses (CCC)	Co-Curricular Courses	-	-	02	-	-	25	25	-	-	01	01
			Tota	Cred	its					14	01	07	22
		Total	14	01	14	150	350	200	700	14	01	07	22

Induction Program: 2 weeks at the beginning of semester - I and 1 week at beginning of semester - II

	Semester II													
Causa					Schama		on/Assessment e and Marks		Credit Scheme					
Course Code	Course 1	Гуре	Course Name	Lecture	Tutorial	Practical	In-Sem	End-Sem	TW/ PR/ Oral/Pre	Total	Lecture	Tutorial	Practical	Total
0715112	Basic Science (BSC)	Course	Engineering Mathematics- II	03	01	-	30	70	25	125	3	1	-	4
0715102/ 0715101	Basic Science (BSC)	Course	Engineering Chemistry/ Engineering Physics	03	-	02	30	70	25	125	3	-	1	4
0306104/ 0407103	Engineering Sc Course (ESC)	cience	Basic Electrical Engineering (BEE)/ Basic Electronics Engineering (BEC)	03	-	02	30	70	25	125	3	-	1	4
0101106/ 0202105	Engineering Sc Course (ESC)	cience	Engineering Mechanics (EM)/ Engineering Graphics and Design (EGD)	03	-	02	30	70	25	125	3	-	1	4
1431113	Program Core (PCC)	Course	Programming and Problem Solving	02	-	02	30	70	25	125	2	-	1	3
0202109/ 0202108	Vocational and Enhancement (VSEC)		Design Thinking & Idea Lab/ Manufacturing Practice Workshop	-	-	02	-	-	25	25	-	-	1	1
IKS114	Indian Knowled System (IKS)	dge	Indian Knowledge System	-	01	-	-	-	25	25	-	1	-	1
CCC115	Co-Curricular (CCC)	Courses	Co-Curricular Courses	-	-	02	-	-	25	25	-	-	1	1
									Tota	l Credit	14	02	06	22
			Total	14	02	12	150	350	200	700	14	02	06	22

## **Faculty**

## Department of Engineering Sciences (First Year)

### Prof. Rakhi P. Wagh

M. E. Prod. Engg. (Manuf. and Automation)

Assistant Professor & HoD

Areas of Expertise: Robotics, Computer

Integrated Manufacturing
Professional Experience: 16 years

#### Prof. Ravindra P. Joshi

M. S. Electrical and Computer Engineering (USA)

Assistant Professor

Areas of Expertise: Computer Networks,

**Power Electronics** 

Professional Experience: 34 years

#### Prof. Madhuri S. Reddy

M. E. Civil (Construction and Management)

Assistant Professor & CEO

Areas of Expertise: Estimation & costing, Engineering

Mechanics, SOM Environmental Engineering

Professional Experience: 14 years

#### Prof. (Dr.) Sandeep R. Varpe

Ph. D, M. Sc. (Physics), NET

Associate Professor and NSS Incharge

Areas of Expertise: Acoustics, Atmospheric Physics

Professional Experience: 15 years

#### Prof. Rupali B. Yeole

M. Sc. (Mathematics), SET

Assistant Professor

Areas of Expertise: Differential Equations,

Integral Equations, Fractional Differential Equations

Professional Experience: 12 years

#### Prof. Mahesh S. Waghmare

M. Tech. (Civil Hydraulic Engineering)

Assistant Professor & SDO

Areas of Expertise: Water Resources Engineering, Hydraulic Engineering, Dam and Hydraulic Structure, Hydrology Professional Experience: 25 years

#### Prof. Rahul Joshi

M.E in (Mechanical-Production Engineering)

Assistant Professor

Areas of Expertise: Prod. Mgmt., Lean Manufacturing,

Vibrational Analysis

Professional Experience: 13 years

#### Prof. Yogiraj R. Deshmukh

M. E. Mechanical Engg. (Heat Power)

Assistant Professor

Areas of Expertise: Engineering Graphics, Thermodynamics, Heat Transfer, IC Engines

Professional Experience: 16 years

#### Prof. Amit B. Kasar

M. Tech. (Power System Engg.)

Assistant Professor

Areas of Expertise: Power Systems, Electrical Machine

Professional Experience: 16 years

#### Prof. Mandar V. Datar

M. Tech. (Indl. Math. with Comp. App.), SET

Assistant Professor

Areas of Expertise: Graph Theory, Fuzzy Graphs

Professional Experience: 12 years

#### Prof. Vaidehi S. Banerjee

M. A. (Communication Science)

Assistant Professor

Areas of Expertise: Communication Skills Professional Experience: 25 years

#### Prof. Suvarna R. Bhagwat

M. Sc. (Mathematics), B.Ed

Assistant Professor

Areas of Expertise: Differential Equations, Graph Theory

Professional Experience: 12 years

#### Prof. (Dr.) Smita A. Kavalgikar

Ph.D, M. Sc. (Polymer Science)

Assistant Professor

Areas of Expertise: Polymer Chemistry Synthesis and

Environmental Applications Professional Experience: 8 years

#### Dr. Ankita Dhone

Ph. D, M. P.Ed (Physical Education)

Physical Education Director

Areas of Expertise: Athletics, Yoga, Mountaineering

Professional Experience: 7.5 years

## Department of Engineering Sciences (First Year)

#### Prof. Minal Badgujar

M.E. Electronics (Digital Systems)

Assistant Professor

Areas of Expertise: Employability Skills Training / Interview

Skills/ Hosting Interviews or Talk shows Professional Experience: 7 years

#### Prof. Priya Pawar

M.E. Electronics (Digital Systems)

Assistant Professor

Areas of Expertise: Analog and Digital Communication,

Mobile Communication, Electronics circuits

Professional Experience: 11 years

#### **Support Staff**

Mr. Sahdev Uttekar Assistant Workshop Instructor

Mr. Swapnil D. Shewale

Lab Assistant

Mr. Sumesh Kamble Lab Assistant

#### Prof. Pooja Khatkale

M.Sc (Mathematics) Assistant Professor

Areas of Expertise: Teaching, Computer Programming

Professional Experience: 7.5years

#### Prof. Bhavana Mohan Tayde

M. Sc. (Chemistry), M. Phil

Assistant Professor

Areas of Expertise: Nanomaterials Professional Experience: 18 years

#### Prof. Santosh S Ambare

M.Sc (Physics). SET Assistant Professor

Areas of Expertise: Classical Mechanics, Solid State Physics,

Electronics, Nanotechnology Professional Experience: 18 years



# Department of Electronics and Telecommunication (E & TC)

Over the past two decades, Electronics & Telecommunication Engineering has played a pivotal role in improving quality of human life and also contributed to the economic growth of our nation and the world at large. The main aim of the Department is to impart strong theoretical and practical knowledge in the domains of basic electronics as well as advanced fields of Industry Automation, Medical and Agriculture Electronics, etc. There are ample learning opportunities in broad areas of communication; ranging from classical fields of Satellite, Wireless, Optical & Data Communication to the latest field of Unified Communication which are provided through well-equipped labs and facilities.

The Department supports in-house development of kits and we take utmost care that students get more hands-on with self-design and implementation of circuits and projects. Our Analog Communication lab, Embedded and Electrical labs are currently equipped with our own designed kits. The Department is equipped with a variety of antennas with testing and measurement system facilitating research activities. The Department encourages students to carry out innovative research to match the needs of the technical education system, the industry and our society.

The Department has well-qualified faculty members with rich academic experience who have made significant contributions in various fields and have published research papers in reputed journals, international and national conferences. We encourage participation of students in various co-curricular and extra-curricular activities as well.

## **Programme Educational Objectives**

**PEO1:** Apply skills acquired in E&TC to analyze problems & design innovative solutions

**PEO2:** Inculcate the habit of self-learning using state-of-the-art technologies & innovations for continuous improvement

PEO3: Internalize and display professional ethics, team spirit & respect societal values

PEO4: Inspire student for higher studies & research

## **Program Specific Outcomes**

**PSO1:** Understand fundamentals concepts and acquire co-design skills of E&TC to apply them to its cognitive areas

PSO2: Enhance programming skills for efficient coding practices using open source platform

**PSO3:** Develop analytical skills to achieve optimized and cost-effective technological solutions for challenges in E&TC

PSO4: Bringing awareness about electromagnetic radiation hazards for the work environment

#### Lab Infrastructure

#### List of Laboratories

- Microcontroller & Embedded Laboratory
- Electrical & Power Electronics Laboratory
- Project & Design Laboratory
- Electronic Devices & Circuits Laboratory
- Digital & VLSI Laboratory
- Communication Laboratory
- Signal Processing Laboratory
- E&TC Computer Centre

The Department of Electronics & Telecommunication (E & TC) and its lab infrastructure and resources are as specified in the University syllabus. All these laboratories are efficiently handled by support staff members who assist as Laboratory/Technical Assistants and are equipped to handle the laboratory demonstrations and sessions along with the concerned subject faculty.

All major hardware equipment in the E & TC laboratories are certified by the National Accreditation Board for Testing and Calibration Laboratories (NABL), a Constituent Board of Quality Council of India

## **Course Structure**

# Department of Electronics and Telecommunication (E & TC)

	Semester III	Semester IV
	Engineering Mathematics III	Signals & Systems
	Electronic Circuits	Control Systems
	Digital Circuits	Principles of Communication Systems
Second Year	Electrical Circuits	Object Oriented Programming
Sem III - 22 Credits	Data structures	Signals & Control System Lab
Sem IV -	Electronic Circuit Lab	Principle of Communication Systems Lab
22 Credits	Digital circuits Lab	Object Oriented Programming Lab
	Electrical Circuit Lab	Data Analytics Lab
	Data Structures Lab	Employability Skill Development
	Electronic Skill Development	Project Based Learning
	Mandatory Audit Course 3	Mandatory Audit Course 4
	Company	
	Semester V	Semester VI
	Digital Communication	Semester VI  Cellular Networks
	Digital Communication	Cellular Networks
Third Year	Digital Communication  Electromagnetic Field Theory	Cellular Networks Project Management
Sem V -	Digital Communication  Electromagnetic Field Theory  Database Management	Cellular Networks  Project Management  Power Devices & Circuits
Sem V - 21 Credits Sem VI -	Digital Communication  Electromagnetic Field Theory  Database Management  Microcontrollers	Cellular Networks  Project Management  Power Devices & Circuits  Elective-II
Sem V - 21 Credits	Digital Communication  Electromagnetic Field Theory  Database Management  Microcontrollers  Elective - I	Cellular Networks  Project Management  Power Devices & Circuits  Elective-II  Cellular Networks Lab
Sem V - 21 Credits Sem VI -	Digital Communication  Electromagnetic Field Theory  Database Management  Microcontrollers  Elective - I  Digital Communication Lab	Cellular Networks  Project Management  Power Devices & Circuits  Elective-II  Cellular Networks Lab  Power Devices & Circuits Lab
Sem V - 21 Credits Sem VI -	Digital Communication  Electromagnetic Field Theory  Database Management  Microcontrollers  Elective - I  Digital Communication Lab  Database Management Lab	Cellular Networks  Project Management  Power Devices & Circuits  Elective-II  Cellular Networks Lab  Power Devices & Circuits Lab  Elective-II Lab
Sem V - 21 Credits Sem VI -	Digital Communication  Electromagnetic Field Theory  Database Management  Microcontrollers  Elective - I  Digital Communication Lab  Database Management Lab  Microcontroller Lab	Cellular Networks  Project Management  Power Devices & Circuits  Elective-II  Cellular Networks Lab  Power Devices & Circuits Lab  Elective-II Lab  Internship

# Department of Electronics and Telecommunication (E & TC)

	Semester VII	Semester VIII				
	Radiation & Microwave Theory	Fiber Optic Communication				
	VLSI Design	Elective - 5				
Final Year	Cloud Computing	Elective - 6				
Sem VII -	Elective-3	Innovation & Entrepreneurship				
22 Credits Sem VIII -	Elective-4	Digital Business Management				
22 Credits	Lab Practice - 1 (RMT & Cloud Computing)	Fiber Optic Lab				
	Lab Practice - 2 (VLSI Design & Elective -3)	Lab Practice - 3 (Elective - 5)				
	Project Stage - I	Project Stage - II				
	Mandatory Audit Course 7					
	List of Elective I (Choose any one)	List of Elective II (Choose any one)				
	Digital Signal Processing	Digital Image Processing				
	Electronic Measurements	Sensors in Automation				
	Fundamentals of JAVA Programming	Advanced JAVA Programming				
	Computer Networks	Embedded Processors				
		Network Security				
	List of Elective III (Choose any one)	List of Elective IV (Choose any one)				
	Speech Processing	Data Mining				
List of	PLC Automation & SCADA	Electronic Product Development				
Electives	JAVA Script	Deep Learning				
	Embedded & RTOS	Low Power CMOS				
	Wireless Sensor Networks	Smart Antennas				
	List of Elective V (Choose any one)	List of Elective VI (Choose any one)				
	Biomedical Signal Processing	System on Chip				
	Industrial Drives & Automation	Nano Electronics				
	Android Development	Remote Sensing				
	Embedded System Design	Digital Marketing				
	Mobile Computing	Open Elective				

## **Faculty**

## Department of Electronics & Telecommunication (E & TC)

#### Prof. (Dr.) S M Mahalakshami Naidu

Ph. D, M.Tech. Electrical Engineering (Control and Instrumentation)
Professor & HoD

Areas of Expertise: Biomedical Signal Processing and

Application of AI/ML in Biomedical Professional Experience: 22 years

#### Prof. (Dr.) Varsha N. Degaonkar

Ph. D, M. E. Electronics (Digital Systems) Associate Professor

Areas of Expertise: Image and Speech Processing

Professional Experience: 20 years

#### Prof. Bhagyashri T. Thorat

 $\mbox{\it M.}$  Tech. (Electronics & Telecomm.), Pursuing  $\mbox{\it Ph.}$  D.

Assistant Professor

Areas of Expertise: Fiber Optics Communication,

Network Theory, Integrated Circuits Professional Experience: 17 years

#### Prof. Anjali A. Jagtap

M. E. Electronics & Telecomm. (Communication Network),

Pursuing Ph. D. Assistant Professor

Areas of Expertise: Control System,

Computer Network

Professional Experience: 15 years

#### Mr. Ahire Prashant Lotan

M.Tech Electronics Assistant Professor

Areas of Expertise: Embedded Systems, IoT,

and Machine Vision

Professional Experience: 21 years

#### Ms. Dia Magnani

M.E. Electronics (Digital Systems)

Assistant Professor

Areas of Expertise: Power Electronics Professional Experience: 6 year

#### Support Staff

Ms. Ashwini Tarade Lab Assistant

Ms. Sonal Kumbhar Lab Assistant

#### Prof. (Dr.) Risil R. Chhatrala

Ph. D, M. Tech. (Electronics & Telecomm.)

Associate Professor

Areas of Expertise: Pattern Recognition, Image

and Video Processing

Professional Experience: 18 years

#### Prof. (Dr.) V. Rajesh Chowdhary

Ph. D, M.Tech. Adv. I.T. (Satellite Comm. & Space Sys.)

Associate Professor

Areas of Expertise: Geoinformatics Professional Experience: 14 years

#### Prof. Sujata S. Virulkar

M. E. Electronics & Telecomm. (Signal Processing), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Signal Processing, Image Processing

Professional Experience: 16 years

#### Prof. Ashvini A. Deshmukh

M. E. (Communication Engineering), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Embedded Systems, Computer Network, Internet of Things Professional Experience: 12 years

#### Prof. Suvarna Hande

M.E. Electronics & Telecomm. (VLSI & Embedded)

Assistant Professor

Areas of Expertise: Signal Processing, VLSI and

**Embedded System** 

Professional Experience: 13 years

#### Mrs. Shweta Nishit Jain

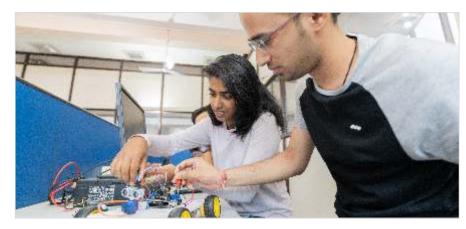
M.E. (Electronics & Telecomm.)

Assistant Professor

Areas of Expertise: Analog Digital Communication,

Signal Processing

Professional Experience: 10 years



# Department of Computer Engineering (CE)

The B.E. Program in Computer Engineering imparts an outstanding educational opportunity for those planning to pursue a career or to gain in-depth knowledge in Computer Engineering. Keeping in pace with the current era, the Computer Engineering syllabus covers comprehensive areas of both hardware and software technologies like Operating Systems, Microprocessor, Computer Architecture and Organization, Systems Programming, Operating Systems, Theory of Computation, Computer Graphics, Artificial Intelligence, Machine Learning and many more.

The faculty members are energetic and work with passion in the areas like IoT, Cloud Computing, Machine Learning, Data Mining, Database Management and Soft Computing, They strive to provide conducive learning environment for students so as to develop their analytical and practical skills. The Department of Computer Engineering undertakes various activities to inculcate technical and managerial skills within the students along with social responsibilities. The Department also extends support for projects and innovative ideas.

## **Programme Educational Objectives**

PEO1: To develop technically competent Computer Engineers with proficient domain knowledge, research attitude, and innovative thinking.

PEO2: To foster committed graduates with a life-long learning attitude and entrepreneurship spirit for a successful career.

PEO3: To inculcate professional ethics, managerial, and communication skills to accomplish a worthy career in all spheres of Computer Engineering.

PEO4: To nurture socially aware engineers who can develop effective solutions for the betterment of the community and the nation.

## **Program Specific Outcomes**

PSO1: Professional Skills- The ability to understand, analyze and develop computer programs in the areas related to algorithms, system software, multimedia, web design, big data analytics, and networking for efficient design of computer-based systems of varying complexities.

PSO2: Problem-Solving Skills- The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver a quality product for business success.

PSO3: Successful Career and Entrepreneurship- The ability to employ modern computer languages, environments, and platforms in creating innovative career paths to be an entrepreneur, and to have a zest for higher studies.

## Lab Infrastructure

#### List of Laboratories

- Web Technology Laboratory
- Data Analytics Laboratory
- Internet of Things Laboratory
- Object Oriented Programming Laboratory
- CE Computer Centre
- Project and R&D Laboratory
- Programming & Software Testing Laboratory Digital Electronics & Microprocessor Laboratory

The lab software and hardware resources and tools of the Department of Computer Engineering (CE) are provided through the ICT infrastructure of the Institute for the efficient functioning of the laboratories. The lab infrastructure and resources are as specified in the University syllabus. All these laboratories are efficiently handled by support staff members who assist as Laboratory/Technical Assistants and are equipped to handle the laboratory demonstrations and sessions along with the concerned subject faculty.

# **Course Structure**

# Department of Computer Engineering (CE)

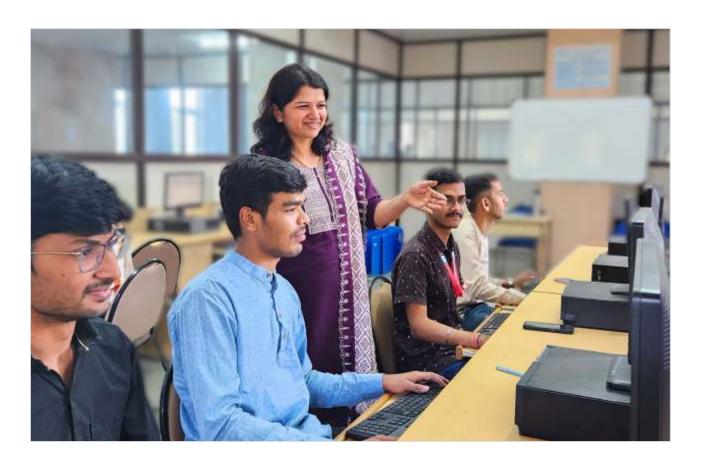
	Semester III	Semester IV
	Discrete Mathematics	Engineering Mathematics III
	Fundamentals of Data Structures	Data Structures & Algorithms
	Object Oriented Programming (OOP)	Software Engineering
	Computer Graphics	Microprocessor
	Digital Electronics & Logic Design	Principles of Programming Languages
	Data Structures Laboratory	Data Structures & Algorithms Laboratory
Second Year	OOP & Computer Graphics Laboratory	Microprocessor Laboratory
Sem III - 25 Credits	Digital Electronics Laboratory	Project Based Learning- II
	Business Communication Skills	Code of Conduct
Sem IV - 25 Credits	Humanity & Social Science	-
	Audit Course 3	Audit Course 4
	Green Construction and Design	Water Management
	Social Awareness and Governance Program	Intellectual Property Rights and Patents
	Environmental Studies	The Science of Happiness
	Smart Cities	Stress Relief: Yoga and Meditation
	Japanese (Module 1)	Japanese (Module 2)
	,	(modulo 2)
	Semester V	Semester VI
	Semester V	Semester VI
	Semester V  Database Management Systems	Semester VI  Data Science and Big Data Analytics
Third Year	Semester V  Database Management Systems  Theory of Computation	Semester VI  Data Science and Big Data Analytics  Web Technology
Third Year Sem V-	Semester V  Database Management Systems  Theory of Computation  Systems Programming and Operating System	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence
	Semester V  Database Management Systems  Theory of Computation  Systems Programming and Operating System  Computer Networks and Security	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II
Sem V- 23 Credits Sem VI -	Semester V  Database Management Systems  Theory of Computation  Systems Programming and Operating System  Computer Networks and Security  Elective I	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship
Sem V- 23 Credits	Semester V  Database Management Systems  Theory of Computation  Systems Programming and Operating System  Computer Networks and Security  Elective I  Database Management Systems Laboratory	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory
Sem V- 23 Credits Sem VI -	Semester V  Database Management Systems  Theory of Computation  Systems Programming and Operating System  Computer Networks and Security  Elective I  Database Management Systems Laboratory  Computer Networks and Security Laboratory	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory
Sem V- 23 Credits Sem VI -	Semester V  Database Management Systems Theory of Computation Systems Programming and Operating System Computer Networks and Security Elective I Database Management Systems Laboratory Computer Networks and Security Laboratory Laboratory Practice I	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory  Laboratory Practice II
Sem V- 23 Credits Sem VI -	Semester V  Database Management Systems Theory of Computation Systems Programming and Operating System Computer Networks and Security Elective I Database Management Systems Laboratory Computer Networks and Security Laboratory Laboratory Practice I Seminar and Technical Communication	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory  Laboratory Practice II
Sem V- 23 Credits Sem VI - 23 Credits	Semester V  Database Management Systems Theory of Computation Systems Programming and Operating System Computer Networks and Security Elective I Database Management Systems Laboratory Computer Networks and Security Laboratory Laboratory Practice I Seminar and Technical Communication Audit Course 5	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory  Laboratory Practice II  Audit Course 6  -
Sem V- 23 Credits Sem VI - 23 Credits	Semester V  Database Management Systems Theory of Computation Systems Programming and Operating System Computer Networks and Security Elective I Database Management Systems Laboratory Computer Networks and Security Laboratory Laboratory Practice I Seminar and Technical Communication Audit Course 5 List of Elective I (Choose any one)	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory  Laboratory Practice II  Audit Course 6  List of Elective II (Choose any one)
Sem V- 23 Credits Sem VI - 23 Credits Third Year Sem V-	Semester V  Database Management Systems Theory of Computation Systems Programming and Operating System Computer Networks and Security Elective I Database Management Systems Laboratory Computer Networks and Security Laboratory Laboratory Practice I Seminar and Technical Communication Audit Course 5 List of Elective I (Choose any one) Internet of Things and Embedded Systems	Semester VI  Data Science and Big Data Analytics  Web Technology  Artificial Intelligence  Elective II  Internship  Data Science and Big Data Analytics Laboratory  Web Technology Laboratory  Laboratory Practice II  Audit Course 6  -  List of Elective II (Choose any one)  Information Security

# Department of Computer Engineering (CE)

	Audit Course 5	Audit Course 6			
	Cyber Security	Digital and Social Media Marketing			
Third Year	Professional Ethics and Etiquettes	Sustainable Energy Systems			
Sem V-	Learn New Skills	Leadership and Personality Development			
23 Credits Sem VI -	Engineering Economics	Foreign Language			
23 Credits	Foreign Language	Learn New Skills			
	Laboratory Practice I	Laboratory Practice II			
	Assignments from System Programming and Operating System and Elective-I	Assignments from Artificial Intelligence and Elective-II			
	Semester VII	Semester VIII			
	Design and Analysis of Algorithms	High Performance Computing			
	Machine Learning	Deep Learning			
	Blockchain Technology	Elective V			
	Elective III	Elective VI			
	Elective IV	Lab Practice V			
Final Year	Lab Practice III	Lab Practice VI			
Sem VII -	Lab Practice IV	Project Stage II			
22 Credits Sem VIII -	Project Stage I	Audit Course 8			
22 Credits	Audit Course 7	-			
	List of Elective III (Choose any one)	List of Elective V (Choose any one)			
	Pervasive Computing	Natural Language Processing			
	Multimedia Techniques	Image Processing			
	Cyber Security and Digital Forensics	Advanced Digital Signal Processing			
	Object Oriented Modelling and Design	Software Defined Networks			
	Digital Signal Processing	Open Elective			
	List of Elective IV (Choose any one)	List of Elective VI (Choose any one)			
	Information Retrieval	Pattern Recognition			
	GPU Programming and Architecture	Quantum Computing			
	Mobile Computing	Soft Computing			
	Software Testing and Quality Assurance	Business Intelligence			
	Compilers	Open Elective			

# Department of Computer Engineering (CE)

	Lab Practice III (It is based on three compulsory subjects)	Lab Practice V (It is based on two compulsory subjects)
	Design and Analysis of Algorithms	High Performance Computing
	Machine Learning	Deep Learning
	Blockchain Technology	
Final Year	Lab Practice IV (It is based on two Elective subjects)	Lab Practice VI (It is based on two Elective subjects)
Sem VII -	Elective III	Elective V
22 Credits Sem VIII -	Elective IV	Elective VI
22 Credits	Audit Course 7	Audit Course 8
	MOOC - Learn New Skills	Emotional Intelligence
	Entrepreneurship Development	Usability Engineering
	Botnet of Things	Conversational Interfaces
	3D Printing	Social Media and Analytics
	Industrial Safety and Environment Consciousness	MOOC- Learn New Skills



## **Faculty**

## Department of Computer Engineering (CE)

#### Prof. (Dr.) Ajitkumar S. Shitole

Ph. D, M. Tech. (Computer Engineering)

Associate Professor & HoD

Areas of Expertise: Algorithm and Machine Learning

Professional Experience: 22 years

#### Prof. (Dr.) Deepak Uploankar

Ph. D, M. Tech in (CSE) Associate Professor

Areas of Expertise: Image Processing, Computer Networks, Mobile Ad Hoc Network

Professional Experience: 15 years

#### Prof. Deptii D. Chaudhari

M. E. (Computer Engineering), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Natural Language Processing,

Machine Learning

Professional Experience: 14 years

#### Prof. Nitin H. Alzende

M. E. (CSE)

**Assistant Professor** 

Area of Expertise: Computer Networks, Computer Graphics, Distributed System Professional Expertise: 11 years

#### Prof. Milana Malvadkar

M. Tech (CSE)

Assistant Professor

Areas of Expertise: Data Science, Machine Learning,

Computer Networks

Professional Experience: 9 years

#### Prof. Lata Verma

M.E (Computer Engineering)

Assistant Professor

Areas of Expertise: Cloud Computing, Big Data, Data Analytics,

Data Structure

Professional Experience: 3 years

#### Prof. Shital Swapnil Wadaganve

M.E (Computer Engineering)

Assistant Professor

Areas of Expertise: Data Mining ,System Programming and Operating System, High Performance Computing,

Software Engineering

Professional Experience: 10 years

#### Prof. (Dr.) Sandeep R. Patil

Ph. D, M. E. (Computer Engineering)

Associate Professor

Areas of Expertise: Data Mining Professional Experience: 24 years

#### Prof. Ashwini A. Jarali

M. E. (Computer Engineering), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Information Security,

Machine Learning

Professional Experience: 20 years

#### Prof. Kimi B. Ramteke

M. E. (Computer Engineering)

Assistant Professor

Areas of Expertise: Machine Learning Professional Experience: 9 years

#### Prof. Mukesh More

M. E. (CSE)

Assistant Professor

Area of Expertise: Cloud Computing,

Distributed Systems

Professional Experience: 16 years

#### Prof. Raksha Naidu

M.E (Computer Engineering)

Assistant Professor

Areas of Expertise: Design Analysis and Algorithm,

Computer Networks, Discrete Structure and

**Graph Theory** 

Professional Experience: 2 year

#### Prof. Abhijeet V. Sagare

M. E. (Comp. Network)

Assistant Professor

Areas of Expertise: Discrete Mathematics,

Computer Network,

Object Oriented Programming, Data Science,

Machine Learning

Professional Experience: 15 years

#### Prof. Pradnya Shinde

M. E. (Computer Engineering)

Assistant Professor

Areas of Expertise: Apex Pogramming, Cloud

Computing,

Object oriented Programming Professional Experience: 9 years

## Department of Computer Engineering (CE)

#### Prof. Pallavi Shital Yevale

M. E. (Computer Engineering), Pursuing Ph. D.

**Assistant Professor** 

Areas of Expertise: NLP, IOT Professional Experience: 10 years

#### Prof. Poonam M. Deokar

M. E. (Computer Engineering) Assistant Professor

Area of Expertise: Cloud Computing, Blockchain Technology, Design and Analysis of Algorithm, Deep Learning, Data Structures

Professional Expertise: 7.5 years

#### **Support Staff**

Mr. Dipak Jadhav Technical Assistant

Mr. Vishal Shinde Lab Assistant

Mr. Nitin Tarange Lab Assistant

#### Prof. Silkesha Thigale

M. E. (Computer Engineering), B.E. IT Assistant Professor

Areas of Expertise: Machine Learning, Cloud Computing,

Block Chain, Computer Networks Professional Experience: 9.6 years

#### Prof. Swati D. Jadhav

M. E. (Digital Communications), Pursuing Ph. D. Assistant Professor

Area of Expertise: Internet of Things, Electronics Device design, Antenna Design and Digital Communications

Professional Experience: 14 years



# Department of Information Technology (IT)

Information Technology (IT) has become one of the most powerful drivers of our economy. It plays an important role in convergence of computing and communication applications to satisfy the demands of customers. The Department of IT imparts an outstanding educational opportunity for those planning to pursue a career or to gain in-depth knowledge in Computing Technology. Keeping in pace with the IT era, the Course Curriculum covers an exhaustive realm of Fields like Operating Systems, DSA programming, Computer Graphics, Database Management Systems, Software Engineering, Big Data Analytics, Artificial intelligence & Machine learning, Deep learning, and Block Chain Technology

To support this, learning facilities are provided through various laboratories such as Data Structures Lab, Networking Lab, Database Lab, Digital Electronics & Microprocessor Lab, Artificial Intelligence Lab etc.

The Department of Information Technology at International Institute of Information Technology (I²IT) is recognized for its motivated faculty members. The faculty members are vibrant and work with enthusiasm focusing on the domains like AIML, IoT, Cloud Computing, Big Data, Computer Networks and Distributed System etc. They strive to provide conducive learning environment for students to develop their analytical and practical skills. Students of this Department will find an encouraging team of faculty members and Laboratory staff who will help them through these four years.

## **Programme Educational Objectives**

**PEO1:** Possess strong fundamental concepts in mathematics, science, engineering and technology to be able to adapt to dynamic technological challenges and become effective professionals.

**PEO2:** Acquire technical and analytical skills in the field of information technology so as to be able to analyze, design and implement efficient solutions to complex engineering problems with innovative approaches.

**PEO3:** Develop proficiency in communication skills combined with domain specific competencies leading to success in higher education and as technologist and/or entrepreneur.

**PEO4:** Be committed to abiding by ethical practices and become socially conscientious individuals.

## **Program Specific Outcomes**

**PSO1:** An ability to apply the theoretical concepts and practical knowledge of Information Technology in analysis, design, development and management of information processing systems and applications in the interdisciplinary domain.

**PSO2:** An ability to analyze a problem, and identify and define the computing infrastructure and operations requirements appropriate to its solution. IT graduates should be able to work on large-scale computing systems.

**PSO3:** An understanding of professional, business and business processes, ethical, legal, security and social issues and responsibilities.

**PSO4:** Practice communication and decision-making skills through the use of appropriate technology and be ready for professional responsibilities.

## Lab Infrastructure

#### List of Laboratories

- Network Laboratory
- Data Structure Laboratory
- Database Laboratory
- Artificial Intelligence Laboratory
- Digital Electronics & Microprocessor Laboratory
- IT Computer Centre
- Operating System Laboratory
- Project Lab

The lab software and hardware resources and tools of the Department of Information Technology (IT) are provided through the ICT infrastructure of the Institute for the efficient functioning of the laboratories. The lab infrastructure and resources are as specified in the University syllabus. All these laboratories are efficiently handled by support staff members who assist as Laboratory/Technical Assistants and are equipped to handle the laboratory demonstrations and sessions along with the concerned subject faculty.

# **Course Structure**

# Department of Information Technology (IT)

	Semester III	Semester IV
Second Year Sem III - 22 Credits Sem IV- 22 Credits	Discrete Mathematics	Engineering Mathematics III
	Logic Design and Computer Organization	Processor Architecture
	Data Structures and Algorithms	Database Management System
	Object Oriented Programming	Computer Graphics
	Basics of Computer Network	Software Engineering
	Logic Design and Computer Organization Lab	Programming Skill Development Lab
	Data Structures and Algorithms Lab	Database Management System Lab
	Object Oriented Programming Lab	Computer Graphics Lab
	Soft Skill Lab	Project Based Learning
	Mandatory Audit Course 3	Mandatory Audit Course 4
	Semester V	Semester VI
	Semester V  Theory of Computation	Semester VI  Computer Networks & Security
	Theory of Computation	Computer Networks & Security
Third Year:	Theory of Computation Operating Systems	Computer Networks & Security  Data Science and Big Data Analytics
Third Year: Sem V - 21 Credits	Theory of Computation  Operating Systems  Machine Learning	Computer Networks & Security  Data Science and Big Data Analytics  Web Application Development
Sem V -	Theory of Computation  Operating Systems  Machine Learning  Human Computer Interaction	Computer Networks & Security  Data Science and Big Data Analytics  Web Application Development  Elective II
Sem V - 21 Credits Sem VI -	Theory of Computation  Operating Systems  Machine Learning  Human Computer Interaction  Elective I	Computer Networks & Security  Data Science and Big Data Analytics  Web Application Development  Elective II  Internship
Sem V - 21 Credits Sem VI -	Theory of Computation  Operating Systems  Machine Learning  Human Computer Interaction  Elective I  Operating Systems Lab	Computer Networks & Security  Data Science and Big Data Analytics  Web Application Development  Elective II  Internship  Computer Networks & Security Lab
Sem V - 21 Credits Sem VI -	Theory of Computation  Operating Systems  Machine Learning  Human Computer Interaction  Elective I  Operating Systems Lab  Human Computer Interaction Lab	Computer Networks & Security  Data Science and Big Data Analytics  Web Application Development  Elective II  Internship  Computer Networks & Security Lab  DS & BDA Lab

# Department of Information Technology (IT)

Design and Analysis of Algorithm  Artificial Intelligence  Advanced Database and Management System  Cyber Security	
Advanced Database and Management System Cyber Security	
Design Thinking Cloud Computing	
Internet of Things Software Modeling and Design	
Semester VII Semester VIII	
Final Year:  Sem VII -  Information and Storage Retrieval  Distributed Systems	
20 Credits Software Project Management Business Analytics and Intelligence	
Sem VIII - 20 Credits  Deep Learning  Elective V	
Elective III Elective VI	
Elective IV Lab Practice V	
Lab Practice III Lab Practice VI	
Lab Practice IV Project Stage II	
Project Stage I Audit Course 8	
Audit Course 7	
List of Elective III (Choose any one) List of Elective V (Choose any	one)
Mobile Computing Bioinformatics	
High Performance Computing Introduction to DevOps	
Multimedia Technology Computer Vision	
List of Wireless Communications	
Electives  List of Elective IV (Choose any one)  List of Elective VI (Choose any	one)
Software Defined Networks Ethical Hacking and Security	
Social Computing Augmented and Virtual Reality	
Natural Language Processing Business Analytics and Intelligence	
Soft Computing Block Chain Technology	
Game Engineering	

### **Faculty**

### Department of Information Technology (IT)

### Prof. (Dr.) Jyoti Surve

Ph.D, M. E. (Information Technology) Associate Professor & HoD

Area of Expertise: Artificial Intelligence Deep Learning,

Machine Learning

Professional Experience: 17 years

### Prof. Sarang A. Saoji

M. Tech. (Information Technology), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Digital Image Processing, AI, Computer Graphics, Object Oriented Prog.

Professional Experience: 14 years

#### Prof. Sonali Patil

M.E. (Computer Engineering), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Machine Learning, Data Science,

Computer Programming ,Data Structure Professional Experience: 17 years

### Prof. Sayali Sable

M.E. (Computer Engineering)

Assistant Professor

Areas of Expertise: AI, Cloud Computing,

Machine Learning

Professional Experience: 5 years

### Prof. Megha Meher

M.E. (WCC)

Assistant Professor

Areas of Expertise: Object Oriented Programming,

DBMS, SQL, DWH

Professional Experience: 5 years

### Ms. Prachi Nilekar

M.E. (CE)

Assistant Professor

Areas of Expertise: Data Science, Database Management

System, Computer Programming, Software Testing

Professional Experience: 7 years

#### Prof. Sonal Kulkarni

M.Tech(Computer Science), PGDIT(Symbiosis)

Assistant Professor

Areas of Expertise: Theory of computation, Software Testing,

Software Engineering

Professional Experience: 8 years

### Prof. (Dr.) Bhavana R. Kanawade

Ph.D, M. E. (CSE) Associate Professor

Areas of Expertise: Machine Learning, Distributed

Systems, OS, Computer Organization Professional Experience: 18 years

### Prof. Keshav G. Tambre

M.E. C.S.E. (Software Engg.), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Cloud Computing, Data Structures,

Database, Object Oriented Prog. Professional Experience: 15 years

#### Prof. Kanchan Bhale

M.E. (CE), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Information and Cyber Security, Data Analysis, Machine Learning, Database Management System, Data Structures

Professional Experience: 16 years

#### Prof. Prashant Mandale

M. Tech (IT), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Data Structures, Algorithms

Professional Experience: 6 years

### Prof. Monali Bansode

M.E. (Computer Engineering)

Assistant Professor

Areas of Expertise: Computer Networks,

Data Mining, OS

Professional Experience: 3 years

### Prof. Deepali Bhaturkar

M.E. (CE), Pursuing Ph. D.

Assistant Professor

Areas of Expertise: Al and ML Professional Experience: 8 years

#### Prof. Kamna Sahu

M. Tech CSE (IT)
Assistant Professor

Areas of Expertise: Database, SQL, Computer Programming,

Theory of Commutation, Data structure

Professional Experience: 5 years

### Department of Information Technology (IT)

### Prof. Deepika Walanjkar

M.E. (CE)

Assistant Professor

Areas of Expertise: Data Structures and Algorithms, OOP

Professional Experience: 4 years

### Prof. Monali Deshmukh

M.E. (Computer)
Assistant Professor

Areas of Expertise: Cyber Security, Networking

Professional Experience: 15 years

### Support Staff

Mr. Prashant Bhintade Lab Assistant

Mr. Yash Dahivalkar Lab Assistant

### Prof. Achala Deshpande

M.Tech in CS Assistant Professor

Areas of Expertise: Software Testing, Object Oriented Programming, Java, Python

Professional Experience: 3 years

### Prof. Harshali Chaudhari

M.E. (Computer Science) Assistant Professor

Areas of Expertise: Algorithms, Software Testing,

Wireless Communications
Professional Experience: 1 years

### Prof. Sharada Thete

M.E. (Computer) Assistant Professor

Areas of Expertise: Cyber security, Data science

Professional Experience: 6 years



# Library Infrastructure

The ultimate objective of an academic library is to fulfill the information needs of its stakeholders such as faculty members, students, research scholars as well as support staff with the predominant sources of information and services. As library is presumed as the heart of an academic institution; the overall health of the parent institution depends on it. To commensurate the same, I2IT library holds their collection of more than 12449 text as well as reference books in the domain of Electronics, Telecommunication, Computer Engineering, Information Technology, Applied Sciences, General Management, Philosophy, Fiction, Non-Fiction, Religion, Self-Help, Travel, etc.

The collection comprises of print documents such as Books, Research Journals, Technical Magazines, Project Reports, Question Papers etc.; whereas E-books, E-Journals, E-Databases and CDs/DVDs hosts the electronic information resources collection. The Digital Library facility comprises of 10 workstations with campus-wide network connection, Wi-Fi connectivity confirms an uninterrupted access to the electronic information resources to its patrons to provide additional knowledge on industry developments and societal aspects.

### Journal & Periodical Subscriptions

#### International Journals

- International Journal of Advances in Computer Science and Cloud Computing.
- · International Journal of Computer Engineering.
- International Journal of Computer Science and Communication.
- International Journal of Human Computer Interaction and Data Mining.
- · Global Journal of Computer and Digital Techniques.
- · Global journal of programming languages.
- · Global Journal of Computer and Internet Security.
- Global Journal of Networks and Applications.
- · International Journal in IT & Engineering.

- International Journal of Information Technology & High Performance Computing.
- International Journal of Innovative Technology and Exploring Engineering.
- International Journal of Soft Computing and Artificial Intelligence.
- · Global Journal of Advanced Computer Science and Technology.
- · International Journal of Engineering and Advanced Technology.
- · International Journal of Microelectronic & VLSI Design.
- International Journal of Recent Technology and Engineering. International Journal of Control Theory and Applications.

#### **National Journals**

- · IETE Technical Review
- Indian J. of Advance Networking and Computer Engineering
- · Indian J. of Applied Computational
- · Intelligence and Soft Computing
- · Journal of Cloud Computing and Data Base Management
- · Journal of Internet of Things and Information Technology
- · i-manager's Journal on Information Technology
- · ICTACT Journal on Soft Computing (IJSC)
- Indian Journal of Nanotechnology and Applications

- · Current Trends in Signal Processing
- · ICTACT Journal on Communication Technology
- · ICTACT Journal on Image and Video Processing (IJIVP)
- · Indian J. of Wireless Networks and Communications
- · Journal of Advance Research in Embedded System
- · Journal of Current Development in Artificial Intelligence
- Journal of Advances in Computational Sciences and Information Technology
- $\cdot$  Journal of Communication Engineering and its Innovations
- $\cdot\;$  Journal of Communication Systems and Technologies

### Technical Magazines

Competition Success Review Digit Magazine Electronics For You University News Open Source For You

#### tronics For You

### **Services**

Computerized & Bar Code enabled Operations Web based Information Services
Web OPAC
Newspaper Clippings Reference/Bibliographical Services
Inter Library Loan
Digital Library for Digital Collection
Mgmt. Seminar & Conference Alerts

Thesis of the Month

Additional Borrowing facility for Scheduled Category & Topper Students

User Tracking Service

#### The Library of the Institute is efficiently managed by:

Ms. Vaishali P. Kshirsagar - Assistant Librarian Mr. Prabodhan Sawant - Library Assistant Vinod Singh - Library Attendant

### **Facilities**

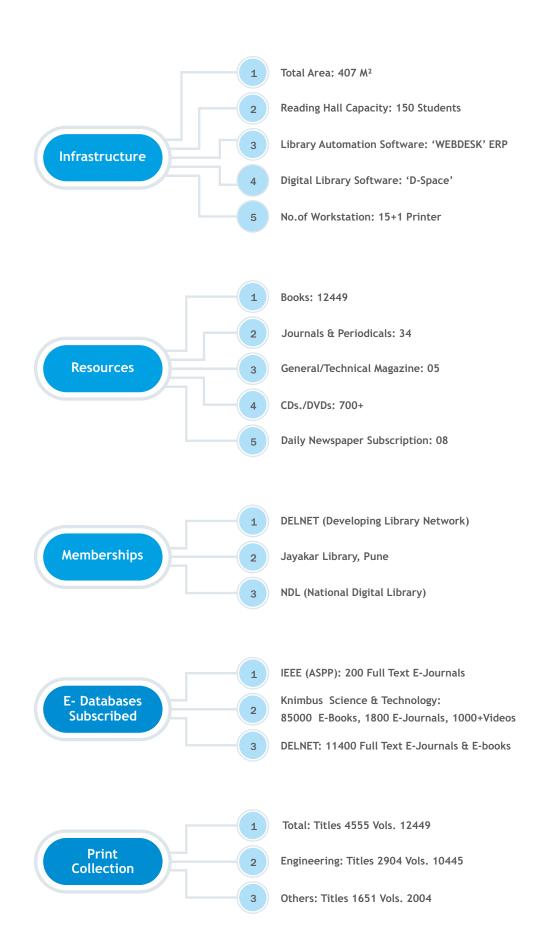
Extended Hours Reading Hall E-Library with set up of Workstations to access E-resources, Suggestions & Recommendations Box, High Speed Internet & Wi-Fi Campus Connectivity, Book Reservation Institutional Repository, Plagiarism Checking

### **Library Timing**

Issue / Return: 8:30 a.m. - 9:00 p.m. Reading Hall: 8:30 a.m. - 9:00 p.m. Saturday (2<sup>nd</sup> and 4<sup>th</sup>) - 8:30 a.m. - 9:00p.m.







# **Training & Placement**

At I<sup>2</sup>IT, placement is not an event; it is an on-going process. The strategies are a reflection of technical & skill based talent honed by students during their academic years. It begins with counseling early in the Program, continues with constant exposure to the industry and its dynamics by way of industrial visits, projects and assignments which culminate in the final placement of our students. To give students an edge over other professional aspirants, we provide vocational training as well as sessions on communication skills, personality development and professional ethics and values. We aspire to give equal opportunities to all our students.

In order that our students are unique in the present competitive world, we conduct regular training programs on both functional & technical skill development. Our Training & Placement Department interacts with Industry to constantly deliver Guest Lectures on "Future Trends & Emerging Technologies" so that our students become ready to face the rapidly growing industry challenges.

For more details, please feel free to get in touch with below Team Members -

Mr. Adesh Patwardhan

**Head Corporate Relations** 

Prof. (Dr.) Sandeep Patil
T & P Coordinator - CE Dept.

Dr. Madhav Raul

Training & Placement Officer

Prof. Keshav Tambre

T & P Coordinator - IT Dept.

Mr. Swap<u>nil Khambayat</u>

Training & Placement Assistant

Prof. Dia Magnani

T & P Coordinator - E&TC Dept.

### **Career Management Committee (CMC)**

This Committee aims at facilitating various activities for career development and guidance. It is focused towards preparing students and connecting them to appropriate opportunities. The Committee works towards specific strategies and logistics to maximize the career prospects for students on campus.

It provides complete assistance and support to conduct the recruitment process under the guidance of the Training and Placement Department. The Committee members also actively participate in placement drives and interact with professionals from various corporate and continuously obtain feedback of the students employed with such corporates, that will help improve the overall development and technical competencies of the students to meet the rapid changes in the industry requirements.

The CMC also arranges regular interactive sessions amongst different academic Departments. Being a part of this Committee helps students gain exposure to the corporate world through an applied hands-on method, which in turn develops highly success oriented graduates.



# **Recruiters (Abridged List)**

3DPLM	Eternus	Mike Robotics	Savy Soft
Accolite	eZest	MiniOrange	Scalex
Acrotrend	Finolex Industries	MKCL	Screen Magic
ACS	FIS Global	Mojo Networks	Syntel
Bitwise	Geometric	Mphasis	Talerang
Blazeclan	Harbinger	NEEYAMO	TCS
BookMyShow	HCL	NextBridge IT Solutions	TechVerito
CapitalVia	HDFC	Nice Systems	Teradata
CauseCode	Hudl	NTT Data	Trigya Technologies
CDoT	Hummingbird	Oracle	Vegayan
Cinif Technologies	IBM	Persistent Systems	Vodafone
Dassault Systems	IKS Health	PlanetSpark	Webonise Lab
Eduisfun	Infosys	QualityKiosk	Xoriant
Elastic Run	Intellyzen	ReBlue Ventures	Yagna IQ
Entesla	KPIT	Reliance Jio	Zensoft
Envestnet Yodlee	LTI	RouteRabbit	Zerowav
eTech	Manhattan Associates	R Squaresoft	ZS Associates



#ATAGTR2023 - a magnanimous event of Software Testing and Innovation



PR students @ #NASTech2023 event organized by Nasscom in Pune

## Career Katta

Career Katta is an initiative of Department of Higher and Technical Education, Govt of Maharashtra and in coordination with Maharashtra Information Technology Support Centre. The college conducts various activities to guide students about Career, Competitive Examinations (UPSC, MPSC, Banking, SSB, SSC, Police, LIC, etc.). Entrepreneurship, Skill Development; Credit Earnings under new CBCS and NEP Curriculum Framework, Internship and Placement Opportunities, etc.

### Internship

Internships are an integral part of most of the professional courses that provide students the opportunity to apply their theoretical knowledge in real-life situations and problems. I<sup>2</sup>IT supports and encourages students to participate in Internship Programs that have relevance to the prescribed academic program and provides growth and learning opportunities for the students.

Internships also assist the students in acquiring their academic and technical credentials by providing them ample opportunities to augment classroom instructions with hands-on exposure to the real world employment challenges and benefit them professionally. It is essential for the student to complete the necessary academic pre-requisites to be eligible to apply for Internship.

The students are strictly advised to adhere to the Internship procedure of the Institute and avoid any fraudulent attempts in undertaking the Internship activity.

Violations if any in this regard will be dealt with appropriately.

### **Projects**

With rapid development in modern Science and Technology, sponsored projects play an important role in making the students aware of the industry requirements while they are working on the relevant industry project/s. The preliminary exposure to undertake such project/s helps the students gain knowledge about the technical competencies, problem solving capabilities and leadership & managerial skills that they need to possess to meet the requirements of the industry.

Their valuable contributions to the industry during this project phase will create a road map toward achieving employment opportunities within such organizations. This would also encourage and create confidence among themselves in acclimatizing with the work culture of the organization thereby providing them a platform in delivering quality output.

### Institute's Innovation Council (IIC)

Entrepreneurship Development Cell (EDC) of the institute was established in January 2016. In view of worldwide shortage of jobs leading to unemployment problems and lack of proper utilization of human resources, the EDC strives to identify talented youth having entrepreneurial aptitude. As per the AICTE norms, the scope of the EDC is widened to establish the Institution's Innovation Council, popularly known as IIC, under the banner of MoE's Innovation Cell (MIC), Ministry of Education (MoE), Govt. of India. It promote innovation and entrepreneurship in the Institution through multitudinous modes leading to an innovation promotion ecosystem in the campus.

### **Function of IIC**

- To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
- Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
- Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

This IIC initiative has shown an encouraging response with many students coming forward with innovative ideas and concepts. The most promising ideas are chosen through "Entrepreneurship Challenge Compettion" - a flagship event held on campus. The Institute encourages students to contribute to the IIC and constantly assists them administratively and financially to meet their entrepreneurial aspirations. As an outcome, IIC could produced 25 startups successfully till now.

# **Start Ups**

The Entrepreneurship Development Cell (EDC) of I<sup>2</sup>IT has mentored and extended support to many of its students who have shown interest in setting up Start-ups with innovative ideas and concepts. Some of these ideas of students which have materialised during the recent past are listed as "Established Start-Ups"

# **Established Start Ups**

Sr. No.	Name of the Start-up	Name of the Student Entrepreneur/s	Year
1.	ImpactConnect	Vansh Kanakia, Prajwal Lalpotu	2023 - 24
2.	Uplift	Ameya Patel, Aashutosh Mali, Sanket Deore Aditya Kakade	2023 - 24
3.	Safe Bite Surveillance	Somesh Sinha, Soham Akhade, Atharv Thorat Komal Varale, Tanish Thakare	2023 - 24
4.	Waste Money	Abhishek Patil, Aditya Sonar, Prachi Marewad	2023 - 24
5.	Offer Squad	Priyanshu Gupta, Datta Patil, Parth Virdhe Anuj Nemanwar	2023 - 24
6.	Eco-Tech	Kunal Shelukar, Nainesh Shirsath, Rohit Raut Nilesh Shinde	2023 - 24
7.	Mood Wave Wizard	Vaidehi Kulkarni, Sanika Thorat, Pratiksha Sathe	2023 - 24
8.	VAGOC (OPC) Private Limited	Harshvardhan More	2022 - 23
9.	Beethoven Tech Private Limited	Samiksha Sarnaik, Ashish Hande, Ninad Shahgadkar	2022 - 23
10.	Tournetic India Private Limited	Piyush Shastri	2021 - 22
11.	POYV Private Limited	Palak Oza, Yash Chavan, Vedangee Diwate, Om Wagh	2021 - 22
12.	HexSmart Technology LLP	Aniket Vaidya	2021 - 22
13.	CommuttX LLP	Rohini Rao, Aseem Khandekar, Akhil Bhalerao, Varshitha Rao	2020 - 21
14.	Cybertron Software Private Limited	Dhanashri Rajput	2020 - 21
15.	House of Veggies	Abhinav Biyani	2020 - 21
16.	Klaimify Private Limited	Adarsh Agarwal	2019 - 20



# Established Start Ups

Sr. No.	Name of the Start-up	Name of the Student Entrepreneur/s	Year
17.	Neobook Fintech Private Limited	Adarsh Agarwal	2019 - 20
18.	Travby LLP	Shubham Gargund & Saurabh Mourya	2019 - 20
19.	thisLookSecure LLP	Ashish Dhone	2019 - 20
20.	Elatform LLP	Amit Kumar Tiwari	2018 - 19
21.	KnapFoco Creative Studios LLP	Vaibhav Jadhav	2018 - 19
22.	Fore Excel Pvt Ltd	Pratik Agrawal	2018 - 19
23.	RopGrow LLP	Parth Bandrewar, Govind Hoge, Satyaprakash Gaikwad	2018 - 19
24.	Technoagri LLP	Shagun Mahamuni, Mayuresh Patkar	2018 - 19
25.	Smart Farmers	Susheel Gounder, Vishal Rokade, Madhuri Mengle, Mahaleppa Patil	2018 - 19
26.	CS IT Services Private Ltd.	Yogesh Doke	2017 - 18
27.	Shree Varad Enterprises	Ankit Choudhari	2017 - 18
28.	PM CLoudTech Private Ltd.	Mehak Sethiya	2016 - 17
29.	Nexalus Innovations LLP	Arif Sanadi	2016 - 17
30.	StartOmatic	Durgest Tayade	2015 - 16
31.	Creaxt Inc	Sameer Mohanti	2015 - 16
32.	Public Image Building LLP	Gautami Bhavsar	2015 - 16



### **Industry Academia Association**

The academic / industry interface of I<sup>2</sup>IT with respect to the academic and research programs has enabled us to create vital links with some major players in the technology industry to drive innovation in the years to come.

The industry academia association is a valuable channel between pure technology research and real world scenarios, bringing academic research closer to the students studying at our Institute. These alliances are highly interactive and constantly encourages a continuous flow of ideas between the traditional academia and the growing industry. They provide students with opportunities to work on technical and entrepreneurial projects and are also considered for various fellowships.

An abridged list of Industry Academia Associations of the institute are mentioned below:

- Tom Tom India Pvt Ltd
- Codex Solutions Pvt Ltd
- AUKPRO Solutions Pvt Ltd
- Sagveek Technologies Limited, Pune
- MituSkillologies, Pune
- L & D Infotech Pvt Ltd, Pune
- Bharat Soft Solutions Pvt Ltd, Pune
- · GPU on Cloud
- Mass Technology

- Wisdom Sprout
- Light Information System
- Infotech Orbit
- EdGate (Texas Instruments)
- Wisely Wise
- AWS Academy
- BSNL
- Infosys
- Capgemini

- Cognizant
- Wipro
- Persistent
- IBM
- TCS
- KPIT
- Global Talent Track Private Limited (Barclays), Pune
- Techlead Software Engineering Pvt Ltd, Pune

### **Industrial Trainings**

The Training & Placement cell and Departments make constant efforts to develop the leadership, managerial, technical and soft skills of the student community through various activities as listed below:

#### Barclays - Youth Employability Initiative

Barclays conducts Soft Skills Development training programs in our Institute campus for the benefit of students.

#### PCI (Persistent Computing Institute)

Interested students need to opt for a 10 Day Winter/ Summer School. The curriculum is based on knowledge in Mathematics & Algorithms. Opportunities are also provided for Academic Project in BE / Placements.

#### **T&P Sessions**

The Institute invites a professionally qualified trainer who conducts aptitude and technical preparatory classes twice a week for the 3rd year students to make them ready to face the needs of the rapidly growing IT industry.

#### **Guest Lectures**

Eminent personalities from the industry as well as the academia are invited to the campus regularly to share their professional experiences so that our students get to interact and gain knowledge with respect to the latest technological developments.

#### Seminars, Workshops and Industrial Visits

There have been a number of seminars and workshops conducted by the Institute over the last few years on "Emerging Trends of Technology", Photonics, Android, Aurdino, Bluemix Tool etc. The Institute also arranges industrial visits for the students to understand the adopted operational processes and practices by some of the premier industries like GMRT, Meltek, Finolex, Infosys, Persistent, Barclays etc.



PPCRC secured one of the largest consultancy projects for the design and development of the asset information management system for Hofincons International Private Limited in India—with a global presence in the US, Oman, Malaysia, and Saudi Arabia.

# **Student Achievements**

Avishkar Patil, Toshal Chaudhari, Piyush Shastri, Tejas Shinde, Soumya Singh (Team Power Rangers) were Grand Finale Finalist @ the Smart India Hackathon 2023 and were recognized as one of the best-performing teams in the idea pitching session @ the Innovation Design and Entrepreneurship (IDE) Boot Camp 2023

Palak Oza, Om Wagh, Yash Chavan, and Vedangee Diwate (Team "POYV") were selected to represent @ the Startup Mahakumbh Contest

Vikram Sawant and Samiksha Sarnaik secured Runner up position @ the API Hackathon 2023 conducted at Indian Institute of Science (IISC), Bengaluru and co-hosted by Integrated Electronics Corporation (Intel Corporation) and Hack2Skill

Prathmesh Desai, Swapnil Mahajan, Abhishek Bagal, Riya Ahire, Sanskruti Lad (Team Bit Busters) were Grand Finale Finalist @ the Smart India Hackathon 2023

Anamay Dhepe, Namita Chandrashekhar, Shekinah Ezekel, Prathamesh V. Jadhav received the "Best Paper Award" @ the IEEE PuneCon 2023 6<sup>th</sup> International Conference @ COEP Technological University, Pune for the topic Smart Wearable for the Visually Impaired

Sarthak Gupta received a Chartered Financial Analyst (CFA) Program Access Scholarship

Parth Khajgiwale published a book "Shades of Reflection" - Exploring Duality

Alex Virendra Sakha and Noor Ansari secured 1st and Vedant Gosavi and Girish Koli secured 2nd place at Sinhgad Techtonic 2024 **National Level Techfest Event** 

Over 55+ Merit Rankers at University Level



### Student Achievements



Atharva Pisal received remarkable honor of participating in the **Republic Day Parade and Prime Minister Rally** on 26<sup>th</sup> January 2024 at New Delhi

Suyash Karnad, Pritesh Jadhav, Ved Mone, Swayam Jaiswal secured 3<sup>rd</sup> Rank in the **University Chess Tournament** 

Shubham Mote won 2<sup>nd</sup> Prize in Chatrapati Karandak and 3<sup>rd</sup> and 4<sup>th</sup> prizes in various State Level Inter Collegiate Elocution Competitions; 3<sup>rd</sup> Prize in Kon Honar Sabhapati and 2<sup>nd</sup> Runnerup in a **District Level Inter Collegiate Elocution Competition** 

Ved Mone secured 4<sup>th</sup> place and Ved Mone and Pritish Jadhav as a team were 2<sup>nd</sup> Runner in Inter collegiate Chess Compition of SPPU Pune Discrict Zonal Sports Committee, Pune District Education Association

Bhosale Shravani Kiran won the IEEE Pre Xtreme Hackathon conducted by VIIT Pune







# **Alumni Association**

The Alumni Association of the International Institute of Information Technology (I<sup>2</sup>IT), Pune (hereinafter referred to as "Alumni Association of I<sup>2</sup>IT) has been formed in the year 2017 and registered with the Office of the Charity Commissioner, Pune Region under the Societies Registration Act, 1860.

Any student who has received his / her degree awarded by the Affiliating University of the Institute are considered as Alumni and those who have paid the prescribed Life Membership Fee are defined as Active Members. Students who are in their final year of study in the Institute also can form part of this Alumni Association of I<sup>2</sup>IT as Student Members.

The Alumni Association of I<sup>2</sup>IT creates and updates a database of all the I<sup>2</sup>IT Alumni, invites I<sup>2</sup>IT alumni to campus for guest lectures / talks, organizes alumni meets, initiates short-term projects / internships and passes them over to the Training and Placement Officer (TPO) of I<sup>2</sup>IT, improves alumni connect and works towards ensuring that the Alumni are involved in a wide range of campus engagement activities.

The various classes of Members comprising of the Alumni Association of  $I^2IT$  are categorized as Patrons, Donors, Life Members, Student Members and Honorary Members. For more details, please visit the official website of the Alumni Association of  $I^2IT$  at http://alumni.isquareit.edu.in

### **Alumni Testimonial**



Akash Padshetty
Electronics & Telecommunication (2014-15)

My college experience was a period of personal growth, intellectual stimulation and social engagement. I thank my passionate and supportive professors for their constant guidance. I am grateful for the experiences i had at college and the impact they have had on my personal and professional life.



Nikhil Kothari Electronics & Telecommunication (2019-20)

My journey at  $I^2IT$  the past 4 years has been absolutely amazing and the college faculty and administration have supported me and my endeavors throughout.

The college regularly organizes workshops and competitions to help students learn new skills. I have taken part in Hackathons and 24-hour programming competitions organized by the college committees and those achievements and experiences really helped me stand out among others.

The college also organizes international trips on a yearly basis, and I was a part of one such trip to Thailand. The trip allowed me to expand my intellectual horizon as we were taught by leading researchers at the Asian Institute of Technology. I wanted to focus more on research in my final year and the college administration went above and beyond to make sure I had what I needed. I worked on an international research project funded by the Government of India in my final year and took on a few other research projects (according to my interests) at PPCRC.

The teachers here are beyond amazing. I usually ask them a lot of questions regarding my projects and research and they've always helped me out. The administration even allowed me to work at the lab 24\*7 which is something that you don't see a lot in most colleges. The support I received from the college allowed me to explore various fields and then choose one that I liked.



Shruti Darekar Electronics & Telecommunication (2022-23)

I am an E&TC student at I<sup>2</sup>IT College. I have learned lots of things from college, like that I am a volleyball player, and the college supports me a lot in my studies and also in sports. The teachers make a study plan for students, and they teach them that way. The professors mainly focused on projects, internships, and student development. The college campus is such a beautiful place, with a clean and green environment to help us to have a fresh mood and good vibes. On college days, I make new friends and also enjoy spending time with them.

### Alumni Testimonial



Sanket Londhe Computer Engineering (2015-16)

College life at I<sup>2</sup>IT is vibrant and conducive to personal and professional growth. The campus environment is both productive and engaging, fostering a sense of community and collaboration among students. This positive atmosphere is complemented by the faculty, who are not only knowledgeable but also approachable and dedicated to student success. Their support and guidance were invaluable throughout my academic journey.

I<sup>2</sup>IT boasts an impressive industry connect, providing students with ample opportunities to interact with professionals and gain real-world insights. Regular seminars and workshops facilitated continuous engagement with industry experts, keeping us abreast of the latest trends and technologies. This exposure was crucial in bridging the gap between academic learning and industry demands.

The presence of an active IEEE student branch at I<sup>2</sup>IT further enriched my experience. Participating in IEEE programs allowed me to develop my technical skills and network with like-minded peers and professionals globally.

Post-graduation, the alumni association has been a fantastic platform for staying connected with the institute and fellow alumni. It offers a space for ongoing learning and professional networking, ensuring that the support and community spirit of I<sup>2</sup>IT continue well beyond the college years.

In summary, as an alumni, I<sup>2</sup>IT provided an excellent academic and extracurricular foundation, creating a nurturing and dynamic environment that prepared me exceptionally well for my career in tech industry.



Ananya Sinha Computer Engineering (2018-19)

Choosing I<sup>2</sup>IT has been one of the most rewarding decisions of my life. The teachers here are truly exceptional—always supportive, genuinely invested in our success, and inspiring us to reach our full potential. The serene campus, surrounded by lush greenery, makes every day of studying a joy.

What makes I<sup>2</sup>IT truly special are the countless opportunities for interpersonal development. From a variety of events to engaging groups and clubs, there's always

something enriching to be part of. I'm incredibly grateful for the chance to study here, to learn from such dedicated faculty, and to meet such incredible people. This college has not only enhanced my education but also gifted me with lifelong friendships and unforgettable experiences.

Being part of this wonderful community has enriched my life in ways I could never have imagined. I feel truly lucky to call I<sup>2</sup>IT my academic home.



Tanmay Patil Information Technology (2019-20)

 $I^2IT$  offers a blend of learning, enjoyment and an integration of enduring principles. As an IT student it provided me with a wide arena of the field and thus allowed me learn something new at every step. What amazes me is the plethora of extracurricular activities that the institute offers hence compelling individuals to explore and pursue extra talents while inculcating the spirit to stand out amongst the talented hardworking students.

Another feather in the cap is the professors who impact the quality education to its students. The infrastructure of the institute speaks for itself. I<sup>2</sup>IT was like my family. A family that will be a part of me for the rest of my life.

# Institutional Committees

### College Development Committee

The College Development committee is a statutory body formed as the guidelines laid in The Maharashtra Public Universities Act 2016 with the purview of establishing academic and administrative governance at the Institutional Level.

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### Internal Quality Assurance Cell (IQAC)

The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions. For this, during the post-accreditation period, it will channelize all efforts and measures of the institution towards promoting its holistic academic excellence.

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### **Grievance Redressal Committee**

The Grievance Redressal Cell is established to ensure transparency in the system. It is a mechanism to provide redressal of grievances to innocent and aggrieved students, in exercise of the power conferred under Clause 1 of Section 23 of the All India Council of Technical Education Act 1987 (52 of 1987).

A complaint shall be filed by the aggrieved student, his / her parent or with a special permission from the ombudsman by any other person. More details are available on our website https://www.isquareit.edu.in.

# Internal Complaints Committee (Women Grievance Cell)

The Internal Complaints Committee (ICC) is constituted as per the guidelines of Vishakha Judgement of the honourable Supreme Court and notification received from The Ministry of Women and Child Development, Govt. of India, for effective implementation of "The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act, 2013".

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### Anti - Ragging Committee

Ragging in any form is a criminal offence and strictly prohibited inside and outside the Institute. As per the directives of Hon. Supreme Court, All India Council for Technical Education (AICTE) and Govt. of Maharashtra, strict actions are recommended against students for indulging and abetting ragging.

Whosoever directly or indirectly commits, participates in, abets or propagates ragging within or outside any educational institution shall on conviction, be punished as per the rules. If a student is involved in any act of ragging prior to taking admission then such student will be denied admission in the Institute.

However, if at a later stage it is found that an admitted student has indulged in any act of ragging then such student will be rusticated.

Every student admitted in the Institute shall have to furnish separate affidavits signed by himself / herself and his / her parent / guardian. For students who will be availing hostel accommodation facility on campus, another affidavit jointly signed by the student and his / her parent / guardian will have to be submitted along with the admission form. More details are available on our website <a href="https://www.isquareit.edu.in">https://www.isquareit.edu.in</a>.

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#### **Reservation Grievance Committee**

The Institution has formed various Reservation Grievance Committees namely Committee for SC / ST, Committee for Minorities and Committee for Other Reservation categories.

# **Student Committees**

The Student Committees comprise of representatives from all student batches and led by senior faculty or staff members of the Institute. The categories of these Committees include Departmental, Technical, Cultural, Social, Sports and such other Committees as per the interest of the students depending on one or more individuals stepping up to take an active leadership role. The primary objective of these Committees is to promote cohesion among a wide array of campus events and activities, minimizing conflicts in scheduling throughout the academic year while maximizing participation and engagement from all members of the International Institute of Information Technology (I<sup>2</sup>IT) and its respective stakeholder groups.

The LAN Committee promotes interest in IT business applications and works to connect students and others in the area who share similar interests and goals. This Committee strives to organise ICT related events and activities on campus. The Institute has a full-time Physical Director who is in charge of the Sports Committee. The Sports Committee shows leadership in organising various sports activities on and off campus; coordinates and promotes participation of students in inter-college sports festivals; plans and organises financially self-sustainable inter-college sports activities; ensures facilities and equipment are safe, clean, and in good, usable condition at all times.

For more information and details regarding the activities and events of the Student Committees, please visit the Institute website www.isquareit.edu.in

## **Department Committees**









### **Technical Committees**





### Other Committees



# Sports Committee Social Committees Cultural Committee







# General Code of Conduct

The student Code of Conduct is designed to uphold and safeguard the fundamental mission and values of the Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT), Pune. It aims to cultivate both academic and civic growth among students within a secure academic environment while also safeguarding individuals, property, and the systems and processes essential to the Institute's operations.

Students on the Institute campus remain accountable to the laws of the country, and breaching these laws may also result in violations of the Code of Conduct. Under such circumstances, the competent Authorities of the Institute may proceed with necessary disciplinary action under the stated Code of Conduct independently of any civil / criminal proceedings as deemed fit. A student should not discriminate on the basis of race, colour, creed, age, religion, gender, national or ethnic origin, marital status, sexual preference, physical disability or any other legally protected status.

A broad overview of the aspects covering the Code of Conduct include academic misconduct, cheating, plagiarism, disruptive conduct, discrimination, falsification, refusal to identify, illegal or unauthorised possession or use of drugs or alcohol, smoking, unauthorised access and use of property and facilities, act of violence, threatening, harassing or assaultive conduct, theft, property damage and vandalism, recording of images without knowledge, causing disrepute to other students, failure to comply with the Institute or any other Competent authority, ragging, illegal contracts, abuse of electronic communication, media contact, organization and event registration, presenting false testimony and violation of the rules and regulations of the Institute.

Admission of the student to any academic programme of the Institute carries with it the presumption that students will conduct themselves as responsible members of the academic community. They are expected to practice high standards of academic and professional honesty and integrity and also to respect the rights, privileges and property of other members of the academic community and the society. The students are also advised to refrain from any conduct that would interfere with the functions of the Institute or endanger the health, welfare or safety of other individuals on campus.

There are several committees constituted by the Institute to monitor the Code of Conduct for the students and address such aspects and provide for suitable resolutions within a reasonable period of time.

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Self Discipline

In addition to what is specified in the General Code of Conduct, we reiterate that being a professional Institution with students who are adults, we expect a high standard of discipline with emphasis on self discipline. It would be pragmatic to implement rules of the Institute reinforced by notices, circulars, ordinances and the like through the medium of self discipline. Please refer to the Institutes' website for the detailed rules and regulations.

Mandatory Registration with Election Commission of India

India is a Democratic Country and to achieve its purpose, it is the duty of every citizen who attains the age of 18 years to mandatorily register on the Electoral Roll of the Indian Constituency as per the guidelines prescribed by "The Election Commission of India" and empower oneself to attain the "Right to Vote" and participate in the Democratic process.

### **Student Handbook**

The International Institute of Information Technology (I²IT), Pune serves as your foundation for academic, professional and social growth and we truly believe that the students are the core of our institute. We are committed towards achieving the success of the student individually and collectively. A copy of the Student Handbook is issued on the batch commencement day to every student admitted to the institute so that he / she understands the policies, procedures and other necessary information. As a conscientious individual and a student, he / she is expected to act in accordance with the general campus rules, related regulations and standards of conduct during his / her entire course duration. A copy of the Student Handbook is also made available on the Institute website www.isquareit.edu.in

# **Campus Life**

Situated amongst giant IT organizations, the students and faculty at I<sup>2</sup>IT relish their little paradise on campus. I<sup>2</sup>IT instils the belief that the college campus is essentially a second home to the students. It is a residential campus providing the best of services and facilities to make the students feel at home. The residential facility at I<sup>2</sup>IT is complete with a large cafeteria catering to 400 students at a time, a fully equipped gymnasium, emergency medical facility with residential medical staff, visiting counsellor and a communication center and mini-store for assisting the students with their daily needs. In addition, the Balewadi Sports Complex, located within 2 kms, from the campus is available to the students for their recreational needs. Sprawled over 10.22 acres, I<sup>2</sup>IT stands proud on lush green surroundings, complimented by inspiring architecture and rich natural bounty.

At I<sup>2</sup>IT, students are given a creative license to form their own leagues to plan, organize and execute various activities that bring about strong values like leadership, team-building and a sense of responsibility which help them face the world outside in a very professional way. The activities include seminars, debates, dramatics, sports and placements. I<sup>2</sup>IT conducts several workshops and events for IEEE, the International Organization of Engineers. It prides itself on being one of the largest groups of its kind in the city.

The campus Water Filtration facility provides drinking water for Students, Faculty, Staff, and Visitors. The water undergoes treatment ensuring it is pure and hygienic, making it ideal for human consumption. Purified drinking water is accessible at all designated locations across the campus.

The Institute has allocated certain amount of space to create an organic vegetable garden. This garden produces delicious vegetables and also raises awareness for food access and sustainability which connects deeply to social responsibilities of the institute.





Solar energy is one of the green energy available in abundance which can meet the power crisis in the near future without the use of fossil fuels. Solar energy is an infinite source of energy which is also a clean energy and assists in producing pollution free electricity. In this context, I<sup>2</sup>IT has taken the first step towards being an eco-friendly campus by installing an 8KW Grid Tided Solar Power Plant on the rooftop of the Library building with the financial support of the Affiliating University i.e. the Savitribai Phule Pune University in promoting green energy concepts on its campus.

To add value to the academic learning of the student, extracurricular activities ranging from technical, sports, cultural and social events are conducted on campus all through the year. Glimpses of all such events are compiled and released in the form of E-Newsletter (an in-house magazine) and Dhruva Magazine which are published and circulated to the students and other stakeholders periodically.





# **Campus Events**

### 18th Women's Prowess

The 18th Women's Prowess was hosted on 23rd November 2023. The topic of this event was "Leadership in the age of sustainability and hypercompetition". The event was hosted by Ms. Aruna M. Katara, President - Hope Foundation and Research Centre; Ms. Amrita M. Katara, Managing Trustee - Hope Foundation and Research Centre; Dr. Uma Ganesh, Co-Founder and CEO - Global Talent Track; Dr. Ganesh Natarajan, Principal Trustee - GTT Foundation. The panelists of the event were Ms. Sriya Khandelwal, Business Head - Skills Alpha; Ar. Pranati Shroff Munot, Founder - Sprout, Co-Founder - Sustain and Save and Director - Shroff Group; Ms. Srirupa Saxena, Partner - Giant Theriton.



From the left: Mrs Vaishali Patil, Dr. Ganesh Natarajan, Ms. Amrita M. Katara, Ms. Sriya Khandelwal, Dr. Uma Ganesh, Ar. Pranati Shroff Munot, Ms. Srirupa Saxena, and Preeta Nair.

## 8<sup>th</sup> Founder's Day

12<sup>th</sup> March, the birthday of Shri Pralhad P Chhabria, Founder Chairman, Finolex Group of Companies and Founder President of Hope Foundation and Research Centre is celebrated as Founder's Day on I<sup>2</sup>IT Campus. On this special day, we pay tribute to the person who was a visionary and a philanthropist who firmly believed in creating opportunities for the youth of our country. This year, gracing the occasion was Chief Guest - Dr. Vinod Menon, President, RedR India, Founder Member, NDMA, GoI; Special Guests - Dr. Surekha Deshmukh, Chair, IEEE Pune Section and Chair, SIG-Renewable Energy. The event was also marked by signing of MoU between RedR India and I<sup>2</sup>IT.





### Technical, Cultural & Sports Events

As a part of its philosophy, I<sup>2</sup>IT organizes various technical, cultural and sports events every academic year for student aspirants with a very high competitive spirit and strong determination to include them in their achievements and accomplishments. As a participant in such events, the student gets a chance to meet with other like-minded students, professors and professionals to discuss issues of importance and also learn field-related job skills that can help them be better prepared for their future career and develop a holistic personality. These events also provide a platform for the students to showcase their cultural talent, sports temperament and skills leading to a valuable learning outcome. The winners of these events are encouraged with appropriate recognition.



**Color Quest- Painting Competition** 



**Intercollegiate Sports** 



Freshers' Party



Dance Performance at Dhruva



Grand Finale - Start-up Surge (An entrepreneurial platform for innovators and visionaries)



The 5<sup>th</sup> IEEE Pune Section's International Conference on Information, Implementation & Innovation in Technology, IEEE PuneCon 2022

# **Social Events**

The faculty, staff and students of I<sup>2</sup>IT are encouraged to voluntarily participate in community service projects and service learning activities during their academic breaks for mutual benefit. This helps all participating volunteers to make friends, grow as a person, and most importantly help others thereby emphasizing self-reflection. Also, getting involved in such activities helps all participants increase their awareness and understanding of the cultural consciousness and its different ethnic and racial backgrounds.



**Blood Donation Camp** 



NSS Camp at Khamboli



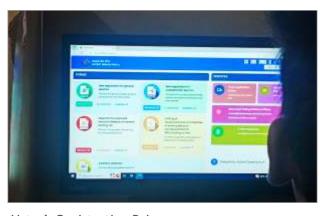
Donation to Orphanage



Visit to Apangshala

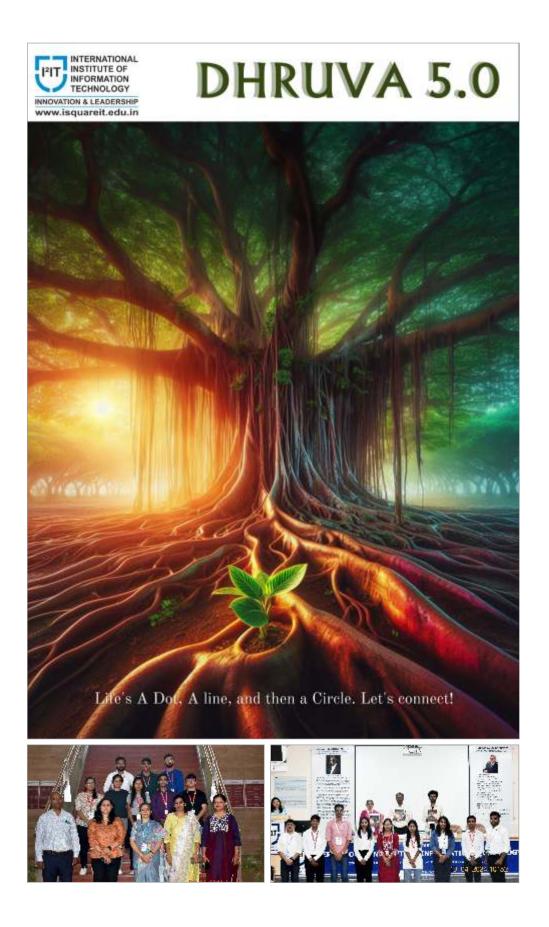


Yi at Yuva Conclave



Voter's Registration Drive

### Dhruva - The award winning Magazine



# **Key Visitors**

I<sup>2</sup>IT regularly invites eminent personalities on campus throughout the year. These individuals, who are a source of inspiration to many, share their life experiences with the students who get the opportunity to hear first-hand how these great achievers reached scaling heights. The conversations and interactions with such visitors are on the current and emerging topics on interdisciplinary domains of knowledge which helps the students gain a deeper understanding of the real world complexities and addressing such challenges.



Advisor to Prime Minister of India Hon'ble Shri Ajit Doval, National Security



Mrs. Rashmi Shukla Ex-Commissioner of Police, Pune



Ex-Director - AICTE, Swayam & PMSSS Dr. Manpreet Singh Manna,



Dr. Govind Swarup, Eminent Scientist and Radio Astronomer with Dr. R. A. Mashelkar



Mr. Dinanath Kholkar, Vice President & Global Head Analytics & Insights, TCS



Veteran Marathi Actor Shri Vikram Gokhale addressing the gathering at I<sup>2</sup>IT



Hon'ble Dr. Siafur Rehman, Director, Virginia Tech Advanced Research Institute



Dr. Sanjay Kolte, Commissioner, Pune Smart City project

## **Visitors Comments**

"Great Day! It was wonderful unveiling the statue of PP Saheb, a great institution and inspiration."

- Dr. R. A. Mashelkar

FRS, National Research Professor and President, Global Research Alliance

"My this visit showed me that PP Ji is still guiding this institute. The Research center is for many creative ideas and is headed by very energetic person with expertise in many different fields. I congratulate whole team and of course the leader Mrs. Aruna for her efforts and leadership. I wish the institute all the success."

- Dr. A. S. Kolaskar

Former Vice Chancellor, The Neotia University, West Bengal

"Thank you for the opportunity to speak and interact with students. Wish you the very best in the major mission you have undertaken."

- Mr. Som Mittal
President, NASSCOM

"Excellent organization and motives."

- Dr. A. D. Shaligram

Registrar, Savitribai Phule Pune University (SPPU)

"Very good institute and faculty with energy and devotion."

- Dr. Manpreet S. Manna

Director, SWAYAM & PMSSS Incharge Parliament Cell All India Council for Technical Education, Ministry of HRD, Govt. of India, New Delhi "What a great day to pay respect to a great man who changed many lives of poor and down trodden. Mr. P. P. Chhabria will be remembered for many many years for the institutions he has built."

- Mr. Nanik Rupani

Chairman, Priyadarshni Academy, Mumbai

"An awesome experience. An honour to be involved in something started by Mr. PPC and being led by Mrs. Aruna Katara."

- Dr. Sujata Naik

Chairperson, Tolani Shipping Co. Ltd., Mumbai

"Thank you for your absolutely outstanding contributions to this nation and humanity. Best wishes for the future."

- Mr. Sameer Dua

Founder of the Institute for Generative, India; Founder, Gift Your Organ Foundation

"Amazing infrastructure, wonderful staff and very powerful leadership of I<sup>2</sup>IT. Interesting discovery of a great institution in Pune

- Mr. Narendra Barhate

Managing Director & CEO, Seed Infotech Ltd Dr. Y.K. Bhushan, Director, IBS Business School, Mumbai

# **Admission Process**

# **Programmes Offered**

Bachelor of Engineering (B. E.) - [Affiliated to the Savitribai Phule Pune University]

Degree	Duration	Mode	Branch	Branch Code	Sanctioned Intake
B. E.	4 Yrs.	Full-Time	Electronics & Telecommunication	675437210	60 Seats
B. E.	4 Yrs.	Full-Time	Computer Engineering	675424510	180 Seats
B. E.	4 Yrs.	Full-Time	Information Technology	675424610	120 Seats

### Notice for Aspiring Students and their Parents

Hope Foundation and Research Centre's "International Institute of Information Technology (I²IT)" has not authorized any agents, admission consultants, counseling centres or any such persons promising, confirming or providing admissions to any of the courses on offer in the Institute Level / Management Quota seats. The students interested to take admission under such quota (as prescribed by the Regulatory Authorities) should directly apply to the Institute or contact the Principal. No Capitation Fee / Donation whatsoever is charged by the Institute to the Parent / Student for admission to the courses offered by the Institute and the admission of the students in the Institute are purely based on merit.

Grievance / dispute (if any) arising out of violation of this notice may immediately be brought to the notice of the Principal of the Institute at principal@isquareit.edu.in and / or the Executive Secretary of the Trust at saikrishnab@isquareit.ac.in for necessary disciplinary action.

### Centralized Admission Process (CAP)

It is mandatory for all candidates to complete the online registration process with State CET Cell, Govt. of Maharashtra and complete the Document Verification process with the nearest authorized Facilitation Centre nominated and listed by State CET Cell on their web portal.

All candidates are required to refer the Admission Brochure published by the State CET Cell, Govt. of Maharashtra for AY 2024 - 25 and follow the guidelines laid down by them from time to time.

### Application for Institute Level Seats / Vacant Seats after CAP Rounds

It is mandatory for all candidates who are seeking admission at Institute Level / Vacant Seats after CAP Rounds to complete the online registration process with State CET Cell, Govt. of Maharashtra and complete the Document Verification process with the nearest authorized Facilitation Centre nominated and listed on their web portal https://cetcell.mahacet.org/

After the above procedure is completed, the candidates should apply in the prescribed format available on the Institutes web portal www.isquareit.edu.in and submit the application directly to the Institute along with a non-refundable application processing fee of ₹500/- (Rupees Five Hundred Only) through Debit / Credit Card or Demand Draft drawn in favor of International Institute of Information Technology payable at Pune.

For more details, please feel free to get in touch with below Team Members -

Prof. Madhuri Reddy	Prof. Vaidehi Banerjee	Ms. Namita Shende
M: 9370149769	M: 9823504664	M: 8390605958

## **Admission to Direct Second Year Engineering**

The distribution of Seats available for admission to Direct Second Year Engineering shall be notified on the State CET Cell website before submission of option form of Centralized Admission Process (CAP).

Seats available through Lateral Entry is - [20% of Sanctioned Intake + Seats remaining vacant (within Sanctioned Intake inthe same branch during previous year) +/- (Branch / Institution Transfer)] - if any.

## Reservations\*

All the reservations given below shall be applicable to candidates belonging to Maharashtra State only subject to the fulfillment of the eligibility criteria specified by respective authorities from time to time.

The percentage of Seats reserved for candidates of backward class categories belonging to Maharashtra State is as given below. The percentage of reservation is the percentages of the seats available for Maharashtra candidates, coming under the CAP. Backward class candidates shall claim the category to which they belong to at the time of submission of application form for CAP.

*	Sr. No.	Category of Reservation	Percentage of Seats Reserved (% age)
	1	Scheduled Castes and Schedule Caste converts to Buddhism (SC)	13.00
	2	Schedule Tribes (ST)	7.00
	3	Vimukta Jati (VJ) / De Notified Tribes (DT) (NT-A)	3.00
	4	Nomadic Tribes 1 (NT-B)	2.50
	5	Nomadic Tribes 2 (NT-C)	3.50
	6	Nomadic Tribes 3 (NT-D)	2.00
	7	Other Backward Classes (OBC)	19.00
	8	Socially and Educationally Backward Classes Commission (SEBC) / Economically Weaker Section (EWS)	As per Govt. Norms

### **Admission Cancellation and Fee Refunds**

The candidate shall apply online on the State CET Cell web portal through the student login and submit duly signed copy of system generated application for cancellation of his / her admission with the institution.

After receiving the duly signed admission cancellation request letter from the candidate, the Institution shall cancel the admission immediately and generate online acknowledgment of cancellation of admission through institution login as per schedule published by the Competent Authority, and issue a signed copy to the Candidate.

The refund of fees on or before cut-off date of admission declared by the Competent Authority, shall be paid after deducting the applicable processing charges or refund rule shall be as per the guidelines of the appropriate authorities or the State Government, as the case may be.

If the admission is cancelled after the cut-off date of the admission declared by the Competent Authority, there shall be no refund except the Caution Deposit (if any).

<sup>\*</sup> The above information is subject to any changes / revisions as declared by the Competent Authority in their Information Brochure published for Academic Year 2024-25.

# Steps of Admission\*\*

Sr. No.	Particulars Particulars
1	Online registration of application for admission on the State CET Cell Web Portal www.cetcell.mahacet.org (Mandatory for all students aspiring to take Admission either through Central Admission Process or through the Institutional Level)
2	Uploading and Verification of documents and further confirmation of Application Form with Facilitation Centre Note: I <sup>2</sup> IT is a recognized Facilitation Centre of the Directorate of Technical Education for Engineering
3	Display of the provisional merit list by competent authority on the State CET Cell web portal
4	Submission of grievance (if any) at a recognized Facilitation Centre [During this period candidate can submit deficient documents (if any) for verification at FC]
5	Display of the Final Merit List by competent authority on the State CET Cell web portal
6	Display of Category wise Seats (Seat Matrix) for CAP Round I by competent authority on the State CET Cell web portal
7	Online Submission & Confirmation of Option Form of CAP Round-I through candidates Login by himself/herself through the website
8	Display of Provisional Allotment of CAP Round-I by competent authority on the State CET Cell web portal
9	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and fees.
10	Display of Vacant Seats for CAP Round-II by competent authority on the State CET Cell web portal
11	Online Submission & Confirmation of Option Form of CAP Round-II through candidates Login by himself/herself through the website
12	Display of Provisional Allotment of CAP Round-II by competent authority on the State CET Cell web portal
13	Reporting to the allotted Institute and Confirmation of Admission by submitting required documents and fees.
19	Cut-off Date for all type of admissions for the Academic Year 2024-25
20	For Jammu & Kashmir Migrant Candidature Candidates Counselling Round at Sardar Patel College of Engineering (SPCE), Versova Road, Munshi Nagar, Andheri (West), Mumbai-400058
21	Commencement of academic activities for All institutes

<sup>\*\*</sup> The Admission Procedure mentioned in this Student Prospectus is provisional and is subject to revision / modification as declared by the Competent Authority from time to time. The students are notified to visit the State CET Cell Govt. of Maharashtra web portal https://cetcell.mahacet.org/ regularly for timely updates.

#### First Year Batch Commencement

The Orientation Session for students admitted to First Year Engineering for AY 2024-25 would be tentatively in August / September 2024. The exact date would be notified via e-mail as well as displayed on the Institute web portal www.isquareit.edu.in. Attendance on this day would be MANDATORY to all students. The Admission reporting dates at the allotted Institute, would be as per the schedule given by State CET Cell. We take pleasure in inviting the students along with parents for the Orientation Session to be conducted on the First Year Batch Commencement Day.

### **Fee Payment Information**

- a) The Tuition Fee and Development Fee shall be as approved and published by the Fee Regulating Authority for the particular Academic Year and that shall be the fee payable by the student for the enrolled course. The lodging and boarding charges will be payable as per the tariffs of the Institute.
- b) The details of concession in fees for reserved category students (belonging to the Maharashtra State only) for SC / ST / VJDT / NT (B) / NT (C) / NT (D) / SBC / OBC, the scheme / mode of concessions, scheme of loan scholarship (if any) for eligible students, in tuition and other fees will be announced by the Government of Maharashtra. These students would get only that amount of waiver as notified in the circulars issued by the Government of Maharashtra from time to time, subject to fulfilment of applicable norms and conditions laid down by the State Government. Candidates claiming fee concession under various categories shall produce the requisite certificates as may be specified by the Government of Maharashtra.
- c) Please note that, as per provisions of the Maharashtra Unaided Private Professional Educational Institutions (Regulation of Admission and Fees) Act, 2015 any upward revision of fees shall be binding and mandatory for payment on demand from the college authorities as approved by the Fee Regulating Authority, Mumbai from time to time.

For detailed break-up of the fee structure, rules and regulations and applicable dates and modes of payment, please visit the website of the Institute www.isquareit.edu.in or contact the Accounts Section at accounts@isquareit.edu.in

### **Student Financial Support**

Hope Foundation's International Institute of Information Technology (I²IT) offers several financial support schemes by way of scholarships, fee waiver and concession schemes, teaching and research assistance, financial assistance for entrepreneurial development etc. to meritorious and deserving students. Nurturing excellence is the underlying philosophy of I²IT. It is our endeavor to ensure that constraints like financial background don't deny a student his / her right to excel and find his / her place under the sun.

Student Merit Scholarships and Patron Awards also form part of the financial support scheme of I<sup>2</sup>IT. It is an endeavor to provide opportunities to students who have the potential to become the innovators and leaders of tomorrow but cannot fulfil their educational ambitions due to financial constraints. Student Merit Scholarships and Patron Awards promise the dream of many students to reality. Excellence in Academics, Innovations, Entrepreneurial Development etc. are also some of the financial support schemes which are created and awarded to the deserving students for every academic year and on the basis of need as well as merit.

In addition to merit scholarships, fee concessions and fee waivers, several other categories of awards are instituted every year comprising of Academic Excellence Awards, Patron Awards, Technical Awards, Cultural Awards, Social Awards, Sports Awards and the like for the benefit of the student community.

The Institute initiates the Karmaveer Bhaurao Patil 'Earn and Learn' scheme under the purview of Savitribai Phule Pune University. This scheme facilitates the students to earn while they learn by undertaking various Technical and Office work at the Institute Campus. The students receive an appropriate remuneration for their contribution as per the University norms.

For more details regarding the financial support policy, please contact the student section of the Institute.

### Vidya Lakshmi (Gateway to Education Loan)

It is a first of its kind portal for students seeking Education Loan. This portal has been developed under the guidance of Department of Financial Services (Ministry of Finance), Department of Higher Education (Ministry of Education) and Indian Banks Association (IBA). The portal has been developed and being maintained by NSDL e-Governance Infrastructure Limited. Students can view, apply and track the education loan applications to banks anytime, anywhere by accessing the portal.

For more details, please visit https://www.vidyalakshmi.co.in/Students/about-us



Academic Excellence Award bestowed at the hands of Padma Vibhushan Dr. R. A. Mashelkar

### General Disclaimer

Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT), Pune is not a IIIT, Pune and is pronounced as [I Square IT]. I<sup>2</sup>IT does not have any other campus except for its standalone entity situated at Plot No. P-14, Rajiv Gandhi Infotech Park, MIDC - Phase I, Hinjawadi, Pune 411 057, Maharashtra, India.

To the extent permitted by law, the information provided in this Student Prospectus is explicitly on the understanding that the Hope Foundation's "International Institute of Information Technology (I²IT)" and its Management, Employees and Authorized Representatives (if any) shall have no liability to the users for any loss, damage, cost or expense incurred or arising by reason of any person using or relying on the information and whether caused by reason of any error, omission or misrepresentation in the information or otherwise. While the information is considered to be true and correct at the date of publication, changes in circumstances after the time of publication may impact on the accuracy of the information. The information may change without notice as per the notifications issued by the Affiliating University i.e. the Savitribai Phule Pune University and the Regulatory Authorities governing the institute and International Institute of Information Technology (I²IT) is not in any way liable for the accuracy of any information printed in this Student Prospectus or in any way interpreted and used by the user.

Every reasonable effort has been made to ensure that the information provided in this Student Prospectus is reasonably comprehensive, accurate and clear. If you think you may have noticed any error or omission, please let us know by sending an email to us at info@isquareit.edu.in It is our policy to correct errors or omissions as soon as any error or omission has been established to our satisfaction.

The detailed information about the Program Educational Objectives, Program Specific Outcomes, Course Structure, Course Contents and the Assessment and Evaluation Methodology may be accessible from the official website of the Affiliating University i.e. the Savitribai Phule Pune University at <a href="https://www.unipune.ac.in">www.unipune.ac.in</a>

The headings and sub-headings used in this Student Prospectus are for general ease of reading and understanding only and do not affect the content or interpretation of the information in any way.

An electronic version of this Student Prospectus is also available on the Institute website http://www.isquareit.edu.in

#### Course Structure Disclaimer

The Course Structures mentioned in the Student Prospectus is subject to revision / modification as declared by the Competent Authority from time to time. The students are notified to visit the Savitribai Phule Pune University web portal www.unipune.ac.in for updated syllabus.

### **Admission Disclaimer**

The Admission Procedure mentioned in this Student Prospectus is provisional and is subject to revision / modification as declared by the Competent Authority from time to time. The students are notified to visit the State CET Cell, Govt. of Maharashtra web portal https://cetcell.mahacet.org/regularly for timely updates.

### Scholarship Disclaimer

The Institutional Scholarships / Awards / Concessions / Waiver schemes are subject to revisions / amendments from time to time at the sole discretion of the Management.

### Copyright & Acknowledgement

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All registered trademarks used herein are acknowledged.

All legal disputes will be administered under the limits of Pune jurisdiction only.





### International Institute of Information Technology (I2IT)

P-14, Rajiv Gandhi Infotech Park, MIDC, Phase-I, Hinjawadi, Pune - 411057 Maharashtra, India Telephone: +91 20 2293 3441 / 2 / 3 Email: admissions@isquareit.edu.in Website: www.isquareit.edu.in