

Hope Foundation's  
International Institute of Information Technology (I<sup>2</sup>IT)  
(An Undergraduate Engineering College)

Institute Code : EN 6754



INTERNATIONAL  
INSTITUTE OF  
INFORMATION  
TECHNOLOGY

INNOVATION & LEADERSHIP

[www.isquareit.edu.in](http://www.isquareit.edu.in)



PC - Gaurav Soni

Student  
Prospectus  
A.Y. 2019-20

Accredited by NAAC (B++ Grade)

Approved by : All India Council for Technical Education (AICTE), New Delhi  
Recognized by : Directorate of Technical Education (DTE) Govt. of Maharashtra  
Affiliated to : Savitribai Phule Pune University

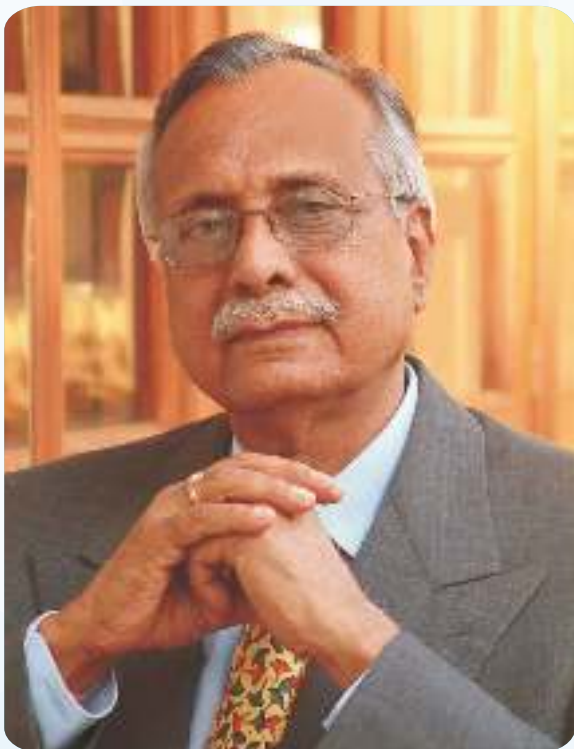
A Project by - FINOLEX



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## Founder President



**Late Shri Pralhad P. Chhabria**  
(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.

## Hope Foundation

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.

*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.*



# Hope Foundation

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](http://www.famt.ac.in)



**International Institute of Information Technology (I²IT)**

Pune

[www.isquareit.edu.in](http://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 and technology 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 Electronics, 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. The accreditation is valid for a period of 5 years from 28 / 03 / 2019 to 27 / 03 / 2024.

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](http://www.famt.ac.in)

# 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.

Each award comprises of a prize of Rs.1,25,000/- (Rupees One Lac Twenty Five Thousand Only), a medal and a citation which is sponsored by Hope Foundation.

## 2019 Winners



**Ms Shubhi Sareen**, who is currently pursuing her final year B. Tech at Delhi Technical University won the Best Outgoing Female Student Award. She has always been an ace student with top scores through her entire academic. She holds the First Rank at the departmental level with an aggregate CGPA of 9.82.

She has organized as well as actively participated in various academic and co-curricular activities. She is the Co-Founder and Chapter Head of Delhi Women in Machine Learning and Data Sciences. Shubhi has worked on different research projects and is highly appreciated by her professor for her ability to tackle complexities and pressure.

Beyond academics, Shubhi has worked towards helping students through The Mentorship Program that allowed students to be paired with leaders in the field to enhance their professional development.

Having won this prestigious Award, Shubhi would like to invest a part of this amount in her education and utilize the remaining amount to promote mentorship programs as well as dedicate a part of the money to chapters like Women Who Code – a platform that helped her grow and network during her undergrad. Her aim is to work together towards closing the gender gap in technology.



**Dr. Rajlaxmi Chouhan**, currently working as Assistant Professor at IIT Jodhpur won the Best Woman Professional (early career stage) Award. Her research interests include image processing, image quality assessment and noise-aided image denoising. She was awarded the the National Award for Best M.Tech. Thesis in Electronics and Electrical Engineering in 2012 by Indian Society of Technical Education, New Delhi. Her current research on image quality assessment aims to quantify naturalness of an image and to develop online image tamper detection systems that potentially block spreading of misinformation online.

She has published 27 papers in international conferences and journals, and is currently supervising two doctoral students.

Carrying out her duties with full sincerity as an instructor, a researcher, and an IEEE WIE member, Rajlaxmi strives to continue this endeavour by promoting the technical community in Jodhpur. The prize money would be utilized for the successful execution of (i) humanitarian activities including the outreach program for local girls schools that have limited resources and facilities to encourage girls to take up science as a career option; (ii) a primary educational program for children of workers in and around Karwad village (Jodhpur). This prize money would be a great catalyst in her efforts.

To know more about the Pralhad P Chhabria Awards, please visit - [www.hfrc-ieeeawards.org](http://www.hfrc-ieeeawards.org)

# Management & Authorities

## Board of Trustees / Managing Committee

**Mrs. Aruna M. Katara**

Educationist

President & Founder Member

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**Mr. Amit M. Katara**

Industrialist

Vice President & Trustee

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**Dr. Mukesh D. Katara**

Industrialist

Member & Trustee

---

**Dr. Avinash N. Katara**

Surgeon

Member & Trustee

---

**Ms. Amrita M. Katara**

Private Service

Managing Trustee & Founder Member

---

**Dr. Samita Moolani**

Surgeon

Member & Trustee

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**Adv. Marzia R. Dalal**

Advocate

Member & Trustee

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## Board of Governors

**Mrs. Aruna M. Katara**

President of the Registered Society / Trust  
Chairperson

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**Dr. Mukesh D. Katara**

Nominee of the Registered Society/ Trust  
Member

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**Ms. Amrita M. Katara**

Nominee of the Registered Society/ Trust  
Member

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**Nominee of AICTE Council**

Nominee of the AICTE  
Ex-Officio Member

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**Dr. D. D. Shah**

Nominee of the Affiliating University  
Member

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**Mr. Samir Pradhan**

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

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**Prof. Madhuri S. Reddy**

Faculty Nominee  
Member

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**Mr. Amit M. Katara**

Nominee of the Registered Society/ Trust  
Member

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**Adv. Marzia R. Dalal**

Nominee of the Registered Society / Trust  
Member

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**Nominee of DTE**

Nominee of the State Government / UT  
Ex-Officio Member

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**Mr. Raja Mahbubani**

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

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**Prof. Dr. Sashikala Mishra**

Faculty Nominee  
Member

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**Prof. Dr. Vaishali V. Patil**

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

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## Messages



**Mrs. 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 create, nurture, and shape technical professionals and leaders to create an inclusive and sustainable society in a national and international perspective. To achieve this vision, we launched undergraduate engineering degree programs that nurture many vibrant and promising professionals equipped with skills to face the ever changing social, economical 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."



**Prof. Dr. Subrata Ghoshal - Professor Emeritus**  
Ph.D (IIT Bombay)

Being an engineer is not about passing 40 odd subjects or earning 200 credits at the end of four years of studies; but yearning to become a solution provider and trying to create and invent better and simpler solutions for the betterment of all humankind. At I<sup>2</sup>IT, we endeavour to nurture our students to develop strong fundamentals and concepts from the First Year of Engineering. This is possible when the teachers and the students together embark on a journey of discovery and learning. I would like to invite you learners to look beyond the textbooks and open your minds to more interdisciplinary domains because the future belongs to those who have the ability to bring together knowledge from multiple domains."

As one of the senior faculty members on campus, I welcome you to interact with me and let me support you in your academic endeavours in any way I can. Finally, I would like to advise you that it is time we took charge of our own lives and worked towards being the best at what we can. We need to work hard... We need to push ourselves... We need to pursue our dreams... until we wear out!! Thank you for considering I<sup>2</sup>IT and welcome to this campus!!



# 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 (I<sup>2</sup>IT), Pune are entering 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**  
Director,  
College of Engineering, Pune



**Dr. Ashok S. Kolaskar**  
Former Vice Chancellor,  
The Neotia University (TNU),  
Kolkata



**Mr. Nanik Rupani**  
Chairman Emeritus,  
Priyadarshni Academy, Mumbai



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



**Dr. Ganesh Natarajan**  
Founder,  
5F World



**Mr. Sameer Dua**  
Founder,  
Institute for Generative Leadership



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



**Dr. Srikanth Thiagarajan**  
Senior Algorithms Engineer,  
Philips Connected Sensing,  
Boston



**Mr. Rajiv Vaishnav**  
Managing Partner  
Cornerstone Venture Partners



**Mr. Narendra Goidani**  
Founder,  
Life School, Pune

# Institute Profile

## International Institute of Information Technology (I<sup>2</sup>IT), 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 800+ students on campus.



I<sup>2</sup>IT 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 from 01 / 04 / 2019 to 31 / 03 / 2024.

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.

The Institute has a dedicated In-house Research & Development Centre “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 toward fostering social development in India.

For more details, please visit [www.isquareit.edu.in](http://www.isquareit.edu.in)



# 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

# Distinctive Highlights

- Strategically situated in the Hinjawadi IT hub of Pune spurred on by an abundance of a highly trained and young work force, technical giants of India and the world, setting up operations as well as R & D base in the city, in turn fueling the demand for technology professionals
- Distinguished faculty members with rich teaching, industry & research experience, number of who are alumni of institutions of national and international repute
- Academic, technical and other value-enrichment courses to meet industry requirements are undertaken beyond the curriculum requirements to enhance the overall development of students
- Exhaustive library with book bank facility for EBC students and digital library for nurturing learning environment
- State-of-the-art academic, administrative and ICT Infrastructure with well-equipped laboratories for conducive learning
- I<sup>2</sup>IT has entered into an MoU with the College of Engineering (COEP), Pune for the purpose of enriching the technical education process and to jointly work for enhancing the quality of education
- More than 90% graduating students have consistently secured Distinction and First Class in the University examinations
- Extensive value added and outreach activities are conducted to inculcate leadership qualities, professional development and social awareness among students
- Active student participation and achievements in academic and non-academic events at national and international levels
- Financial scholarships 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 student hostels for boys and girls
- Well-equipped 24 x 7 Medical Assistance Centre
- Environment friendly and green campus

# 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 21<sup>st</sup> century.

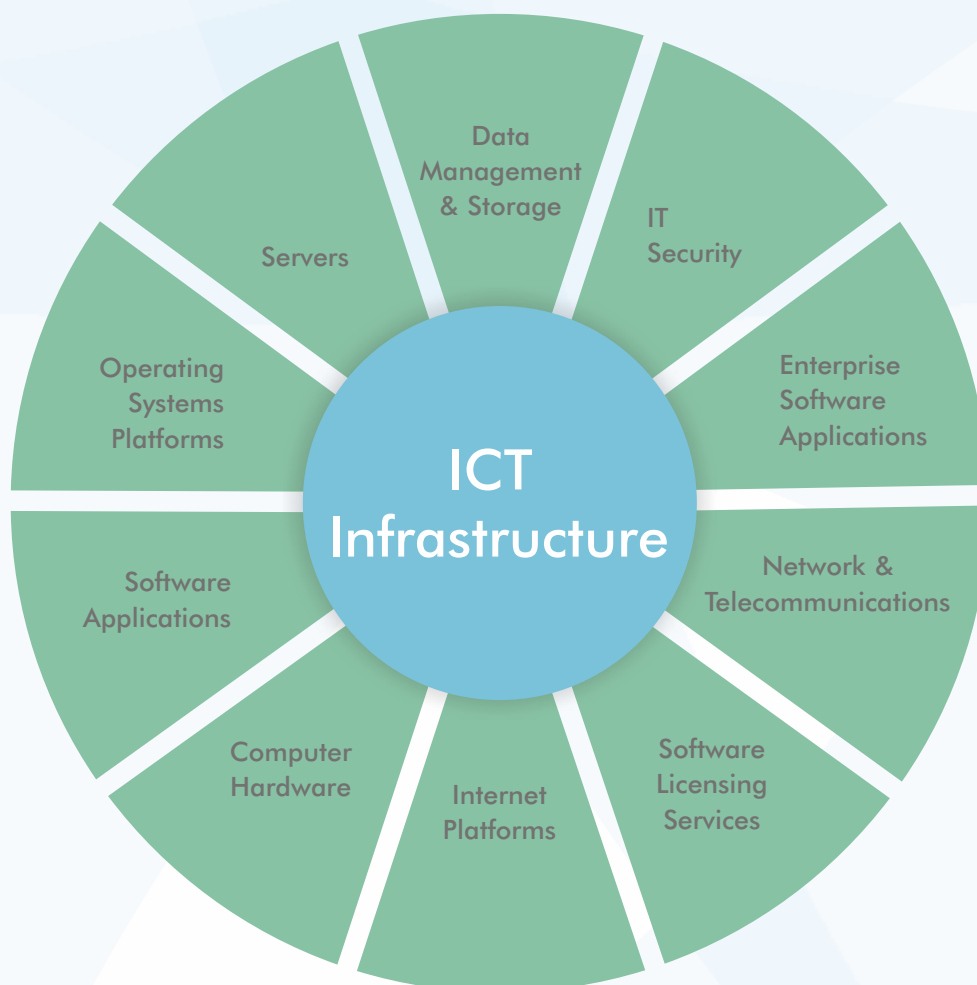
The ICT infrastructure of the Institute would definitely contribute in transforming the delivery quality of the teaching and learning process activities and seeks to explore the impact it would make for a much more effective way the academic programmes would be offered and delivered in the years to come. 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

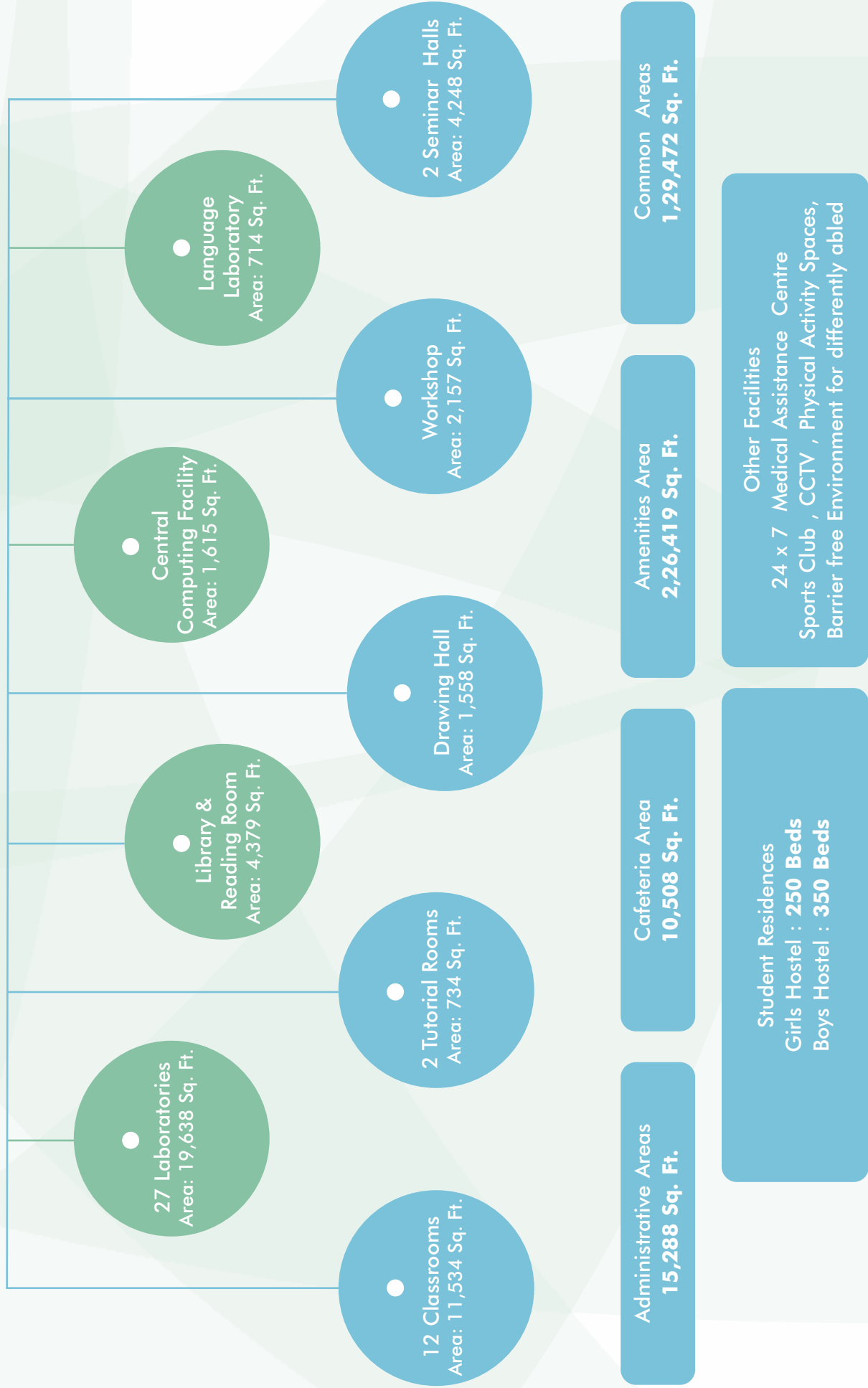
In order to provide automated, authentic and accurate information and services for the overall management and administration of the Institute activities, a complete cloud based Institute Management ERP Solution (WEBDESK) is implemented from the Academic Year 2018 – 19. Webdesk provides a source of information 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, Students / Parents Login, Library Module, Teaching Feedback etc. for the efficient, effective and errorless dissemination of various information and services to all stake holders of the Institute.





# Academic & Administrative Infrastructure



# 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	60 Seats
B. E.	4 Yrs.	Full-Time	Information Technology	675424610	60 Seats

## Credit Structure of B.E. Programme

Course Work	Credits								Total Credits
	Semester								
	I	II	III	IV	V	VI	VII	VIII	
Mandatory Subjects	16	14	20	20	18	18	10	6	130
Elective Subjects	NA	NA	NA	NA	NA	NA	6	6	12
Lab Courses	6	8	5	5	5	4	4	4	39
Seminar	NA	NA	NA	NA	NA	1	NA	NA	1
Project Work	NA	NA	NA	NA	NA	NA	2	6	8
Total Credits	22	22	25	25	23	23	22	22	190

## Research and Development



The Institute has a dedicated In-house Research, Development, Consultancy and Collaboration Centre (RDCCC) known as the Pralhad P. Chhabria Research Centre (PPCRC). RDCC Cell is an eminent wing of academics across the globe to churn out the various technological solutions for the betterment of quality of life. I<sup>2</sup>IT encourages and facilitates the environment to undertake sponsored and consultancy projects by its research team. RDCC Cell of I<sup>2</sup>IT intends to have collaborative research programmes in association with top research institutes in India and abroad. An interdisciplinary approach is encouraged to involve in different research and consultancy activities for the industries throughout the academic year.

Research and Development activities are carried on in several diverse fields of engineering and technology including energy, environment, telecommunication, spatial data infrastructure and computation, etc.

## 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.

The center is focused to various facets of Geoinformation technology and systems 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.

I<sup>2</sup>IT currently has received sanction for two research project grants worth Rs. 50 Lacs. These projects shall be executed in collaboration with a.) Asian Institute of Technology, Thailand and University Kebangsaan, Malaysia and b.) Indian Institute of Technology (IIT), Bombay.

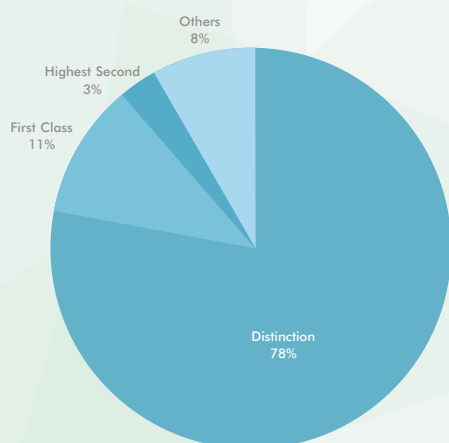
I<sup>2</sup>IT, Pune has entered into a Memorandum of Understanding (MoU) with M/s EdGate Technologies Pvt. Ltd. (University program partners of M/s Texas Instruments, USA).

Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT), Pune has entered into a Consulting Services Agreement (CSA) with M/s TOM TOM India Pvt. Ltd.

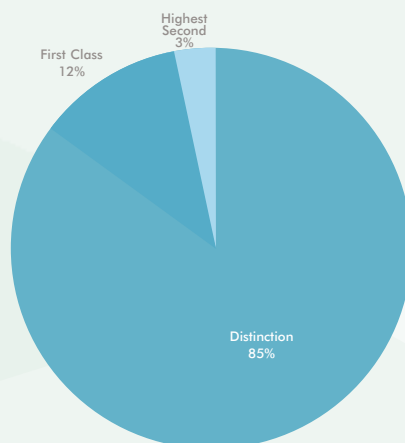
Further, the recognition granted to Hope Foundation (Trust / Society) as a Scientific and Industrial Research Organization (SIRO) by the Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, Government of India would definitely add value to the Research & Development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

# Examination and Assessment

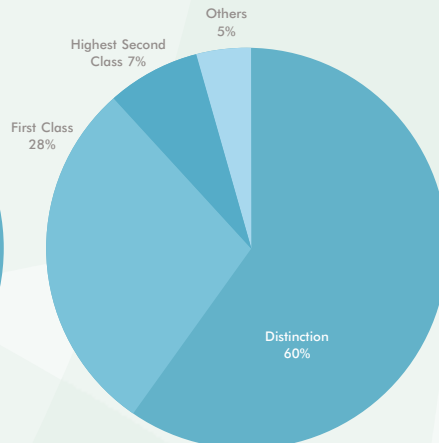
## Result Analysis of B. E. Students (AY 2017-18)



Dept. of Electronics  
& Telecommunication



Dept. of  
Computer Engineering



Dept. of  
Information Technology

## Examination and Assessment Scheme

The theory examination will be conducted in three phases for all the subjects of Semesters 1 to 4 and two phases for the Semesters 5 to 8. For the Semesters 1 to 4 the Phase-1 and Phase-2 exam are part of in-semester exam and Phase 3 is a part of end-semester exam.

### Assessment and Grade Point Average

Grade	Grade Points	Percentage of marks obtained	Remarks
O	10	90 - 100	Outstanding
A	9	80 - 89	Very Good
B	8	70 - 79	Good
C	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

## University Ranker (1<sup>st</sup> Rank) and Gold Medalist AY 2016-17



**Name:**  
Priyanka Singh

**Branch:**  
Computer Engineering

**Batch:**  
2013-14

"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 IIT (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"

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

# 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.

## Programme Educational Objectives

- To bridge the gap between school education and professional education
- To establish a strong foundation of the fundamentals in Mathematics, Science and Engineering
- To impart necessary skills to identify, formulate and solve the engineering problems
- To improve communication skills of students

The objective is to nurture the students in all dimensions of technology, communication as well as ethics. A team of qualified and experienced faculty members along with support technical staff works together to ensure a smooth transition of fresh out-of-school students into professional

undergraduate students. For practical exposure of theoretical concepts to the students, the Department is well equipped with Physics, Chemistry, Basic Mechanical, Basic Electrical, Basic Electronics, Basic Civil Engineering Laboratories and Workshop.

## 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





## Course Structure

(Proposed Credit System Structure for AY 2019 - 20 by the Savitribai Phule Pune University)

### Semester-I

Course Code	Course	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credit			
		Theory	Practical	Tutorial	Mid-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
107001	Engineering Mathematics-I	04	-	01	30	70	25	-	-	125	4	-	1	5
	Engineering Physics/ Engineering Chemistry	03	02	-	30	70	25	-	-	125	3	1	-	4
	Engineering Mechanics / Basics of Mechanical Engineering	03	02	-	30	70	25	-	-	125	3	1	-	4
	Basics of Electrical Engineering / Basics of Electronics Engineering	03	02	-	30	70	25	-	-	125	3	1	-	4
	Problem Solving Skills	03	02	-	30	70	25	-	-	125	3	1	-	4
	Workshop	-	02	-	-	-	25	-	-	025	-	1	-	1
<b>Total</b>		<b>16</b>	<b>10</b>	<b>01</b>	<b>150</b>	<b>350</b>	<b>150</b>	<b>-</b>	<b>-</b>	<b>650</b>	<b>16</b>	<b>5</b>	<b>1</b>	<b>22</b>
	Soft Skills / Audit Course-I	1. Environmental Science 2. Basics of Financial Management												

### Semester-II

Course Code	Course	Teaching Scheme (Hours/Week)			Examination Scheme and Marks						Credit			
		Theory	Practical	Tutorial	Mid-Sem	End-Sem	TW	PR	OR	Total	TH	PR	TUT	Total
107001	Engineering Mathematics-II	04	-	01	30	70	25	-	-	125	4	-	1	5
	Engineering Physics/ Engineering Chemistry	03	02	-	30	70	25	-	-	125	3	1	-	4
	Engineering Mechanics / Basics of Mechanical Engineering	03	02	-	30	70	25	-	-	125	3	1	-	4
	Basics of Electrical Engineering / Basics of Electronics Engineering	03	02	-	30	70	25	-	-	125	3	1	-	4
	Programming with C/C++	-	02	-	-	-	50	-	-	50	-	1	-	1
	Engineering Graphics	01	02	-	-	-	50	-	-	50	1	1	-	2
	Project Based Learning	-	04	-	-	-	50	-	-	50	-	2	-	2
<b>Total</b>		<b>14</b>	<b>14</b>	<b>01</b>	<b>120</b>	<b>280</b>	<b>250</b>	<b>-</b>	<b>-</b>	<b>650</b>	<b>14</b>	<b>7</b>	<b>1</b>	<b>22</b>
	Soft Skills / Audit Course-II	1. Basic Healthcare 2. Introduction to Disaster Management												

## Faculty

### Department of Engineering Sciences (First Year)

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**Prof. Mandar Vijay Datar**

Assistant Professor & HoD  
Areas of Expertise: Graph Theory,  
Fuzzy Graphs  
Professional Experience: 8 years

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**Prof. Rakhi P. Wagh**

Assistant Professor & Addnl. CEO  
Areas of Expertise: Manufacturing and  
Automation  
Professional Experience: 10 years

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**Prof. Mahesh S. Waghmare**

Assistant Professor & SDO  
Areas of Expertise: Water Resources  
Engineering, Hydraulic Engineering,  
Dam and Hydraulic Structure, Hydrology  
Professional Experience: 21 years

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**Prof. Yogiraj R. Deshmukh**

Assistant Professor  
Areas of Expertise: Engineering Graphics,  
Thermodynamics, Heat Transfer, IC Engines  
Professional Experience: 12 years

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

Assistant Professor & NSS Coordinator  
Areas of Expertise: Acoustics,  
Atmospheric Physics  
Professional Experience: 11 years

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**Prof. Vaidehi Banerjee**

Lecturer  
Areas of Expertise: Communication Skills  
Professional Experience: 18 years

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**Prof. Ravindra P. Joshi**

Associate Professor  
Areas of Expertise: Computer Networks,  
Power Electronics  
Professional Experience: 31 years

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**Prof. Madhuri S. Reddy**

Assistant Professor & CEO  
Areas of Expertise: Estimation and costing, Engineering  
Mechanics, SOM Environmental Engineering  
Professional Experience: 8 years

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**Prof. Amit Kasar**

Assistant Professor  
Areas of Expertise: Power System, Electrical Machine  
Professional Experience: 13 years

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**Prof. Rupali B. Yeole**

Assistant Professor  
Areas of Expertise: Differential Equations,  
Integral Equations, Fractional Differential Equations  
Professional Experience: 8 years

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**Prof. Suvarna Bhagwat**

Assistant Professor  
Areas of Expertise: Differential Equations, Graph Theory  
Professional Experience: 9 years

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**Prof. Priyanka A. Narwade**

Assistant Professor  
Areas of Expertise: Manufacturing Engineering,  
Industrial Engineering  
Professional Experience: 3 years

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**Prof. Ankita Dhone**

Physical Education Director  
Areas of Expertise: Athletics  
Professional Experience: 3 years

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### Faculty Achievements (Abridged List)

Prof. (Dr.) Sandeep Varpe received National level IRAJ Excellent Paper Award at the National Conference on Recent Innovations in Science Engineering and Technology

Prof. (Dr.) Sandeep Varpe received International level IRAJ Appreciation Award for the category 'Best Content' at the 35<sup>th</sup> IRF International Conference

Prof. (Dr.) Sandeep Varpe received International level Best Paper Award for the Science Track at the International Conference on Recent Trends in Computing, Communication and Science

For information on Publications in Peer Journals and Conference Proceedings, Patents and other achievements, please visit our website- [www.isquareit.edu.in](http://www.isquareit.edu.in)

## Lab Infrastructure

### Department of Engineering Sciences (First Year)

#### List of Laboratories

- Engineering Physics
- Workshop
- Engineering Chemistry
- Basic Mechanical Engineering
- Basic Civil And Environmental Engineering
- 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.

#### Support Staff

Mr. Anil Waghmode  
Sr. Lab Assistant

Mr. Sahdev Uttekar  
Assistant Workshop Instructor





# 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. 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.

## Program Educational Objectives

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

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

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

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





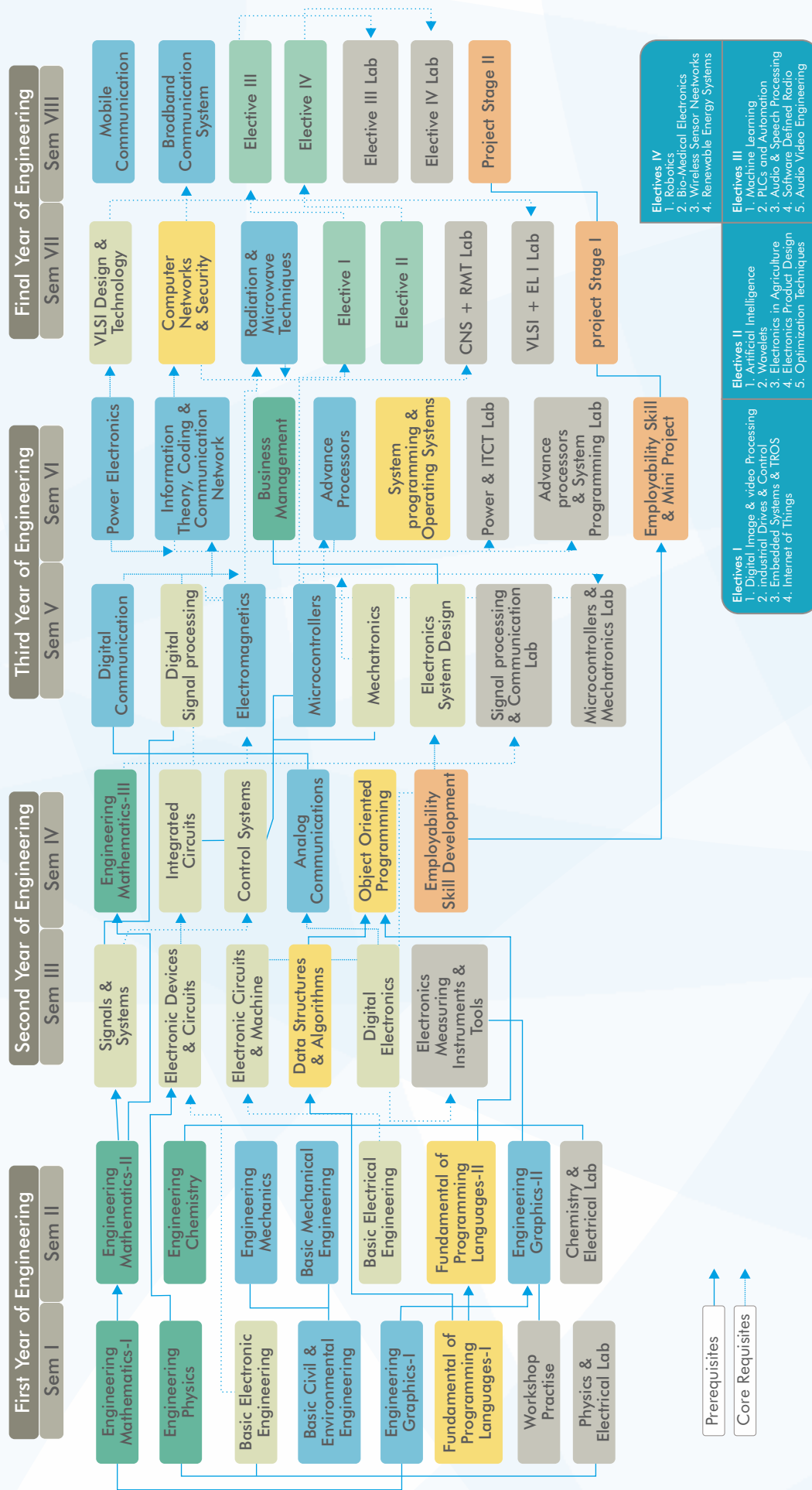
## Course Structure

Department of Electronics and Telecommunication (E & TC)

Second Year  Sem III - 25 Credits  Sem IV - 25 Credits	Semester III	Semester IV
	Signals & Systems	Engineering Mathematics III
	Electronics Devices & Circuits	Integrated Circuits
	Electrical Circuits and Machines	Control Systems
	Data Structures and Algorithms	Analog Communication
	Digital Electronics	Object Oriented Programming
Third Year  Sem V - 23 Credits  Sem VI - 23 Credits	Electronic Measuring Instruments & Tools	Employability Skill Development
	Semester V	Semester VI
	Digital Communication	Power Electronics
	Digital Signal Processing	Information Theory, Coding and Communication Networks
	Electromagnetics	Business Management
	Microcontrollers	Advanced Processors
Final Year  Sem VII - 22 Credits  Sem VIII - 22 Credits	Mechatronics	System Programming and Operating Systems
	Semester VII	Semester VIII
	VLSI Design & Technology	Mobile Communication
	Computer Networks & Security	Broadband Communication Systems
	Radiation & Microwave Techniques	Elective III
	Elective I	Elective IV
	Elective II	Project Stage II
	Project Stage I	
	List of Elective I (Choose any one)	List of Elective II (Choose any one)
	Digital Image and Video Processing	Artificial Intelligence
	Industrial Drives and Control	Wavelets
	Embedded Systems & RTOS	Electronics in Agriculture
	Internet of Things	Electronics Product Design
		Optimization Techniques
	List of Elective III (Choose any one)	List of Elective IV (Choose any one)
	Machine Learning	Robotics
	PLCs and Automation	Bio-Medical Electronics
	Audio and Speech Processing	Wireless Sensor Networks
	Software Defined Radio	Renewable Energy Systems
	Audio Video Engineering	Open Elective

# Graphical Illustration of Course Structure

Department of Electronics & Telecommunication (E & TC)



## Faculty

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

#### Prof. (Dr.) Vaishali V. Patil

Professor & Principal  
Areas of Expertise: System Design,  
Speech Processing  
Professional Experience: 26 years

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

Associate Professor  
Areas of Expertise: Web Geographic  
Information System, Mobile Mapping, GNSS,  
Space Weather, RS & GIS Applications in Urban  
Planning & Management, Agriculture  
Professional Experience: 8 years

#### Prof. Sujata S. Virulkar

Assistant Professor  
Areas of Expertise: Signal Processing,  
Image Processing  
Professional Experience: 12 years

#### Prof. Bhagyashri T. Thorat

Assistant Professor  
Areas of Expertise: Fiber Optics Communication,  
Computer Networks  
Professional Experience: 11 years

#### Prof. Smita R. Kadam

Assistant Professor  
Areas of Expertise: Digital Electronics,  
Digital Image Processing  
Professional Experience: 9 years

#### Prof. Anjali A. Jagtap

Assistant Professor  
Areas of Expertise: Digital Electronics,  
Control Systems, Wireless Sensor Network  
Professional Experience: 8 years

#### Prof. Ankita N. Agarwal

Assistant Professor  
Areas of Expertise: Digital &  
Wireless Communication, Signals & Systems  
Professional Experience: 8 years

#### Prof. (Dr.) S. Mohan Mahalakshmi Naidu

Associate Professor and HoD  
Areas of Expertise: Biomedical Signal Processing  
and Instrumentation  
Professional Experience: 17 years

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

Associate Professor  
Areas of Expertise: Computer Vision,  
Pattern Recognition, Machine Learning  
Professional Experience: 14 years

#### Prof. Varsha N. Degaonkar

Assistant Professor  
Areas of Expertise: Signal Processing,  
Image Processing  
Professional Experience: 14 years

#### Prof. Dipak R. Raut

Assistant Professor  
Areas of Expertise: VLSI System Design,  
Digital Electronics  
Professional Experience: 11 years

#### Prof. Ashvini N. Kulkarni

Assistant Professor  
Areas of Expertise: Embedded Systems,  
Computer Networks, Internet of Things  
Professional Experience: 8 years

#### Prof. Ashok N. Shinde

Assistant Professor  
Areas of Expertise: Image and Video Processing,  
Digital Electronics, Network Analysis  
Professional Experience: 7 years

### Faculty Achievements (Abridged List)

Prof. (Dr.) V Rajesh Chowdhary has received the approval from the International Multilateral Regional Cooperation Division, Department of Science and Technology (DST), Govt. of India for funding worth Rs. 25 lacs under the project titled "Development of near real-time regional TEC mapping at low-latitude ASEAN region using GNSS stations" under the ASEAN - India Collaborative R & D scheme.

Prof. (Dr.) V Rajesh Chowdhary has been granted an Indo-Thai project worth Rs. 25 lacs titled "Service Oriented Participatory Platform for Local SDI: Smart Civic Services for Second Tier Cities in Thailand and India" along with IIT Bombay and two Thai Universities as partner Institutions.

Over the year, the faculty members have actively participated in 12 training and development programs and have published 07 Books and research papers in National and International journals / conference proceedings.

Prof. (Dr.) Risil R. Chhatrala has published a book "Gait Based Human Identity Recognition" Lambert Academic Publishing.

Prof. (Dr.) V Rajesh Chowdhary has got best poster award in FOSS4G Asia 2018 at Moratuwa, Sri Lanka.

For information on Publications in Peer Journals and Conference Proceedings, Patents and other achievements, please visit our website - [www.isquareit.edu.in](http://www.isquareit.edu.in)

## Lab Infrastructure

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

#### List of Laboratories

- Electronic Devices and Circuits Laboratory
- E & TC Computer Centre
- Signal Processing Laboratory
- Communication Laboratory
- Network and Measurement Laboratory
- Electronics Design Laboratory
- Digital and VLSI Laboratory
- Micro Controller & Embedded Laboratory and Digital Microprocessor Laboratory
- Basic Electrical & Electronics Laboratory

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

#### Support Staff

**Mr. Ganesh Chavan**  
Technical Assistant

**Mrs. Vidya Vanjare**  
Lab Assistant

**Mr. Shankar Rasal**  
Lab Assistant





# 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.

## Program Educational Objectives

To prepare globally competent graduates having strong fundamentals, domain knowledge, updated with modern technology to provide the effective solutions for engineering problems

To prepare the graduates to work as a committed professional with strong professional ethics and values, sense of responsibilities, understanding of legal, safety, health, societal, cultural and environmental issues

To prepare committed and motivated graduates with research attitude, lifelong learning, investigative approach, and multidisciplinary thinking

To prepare the graduates with strong managerial and communication skills to work effectively as individual as well as in teams

## 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

**PSO2:** Problem Solving Skills - The ability to apply standard practices and strategies in software project development using open-ended programming environments to deliver quality products 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 a zest for higher studies



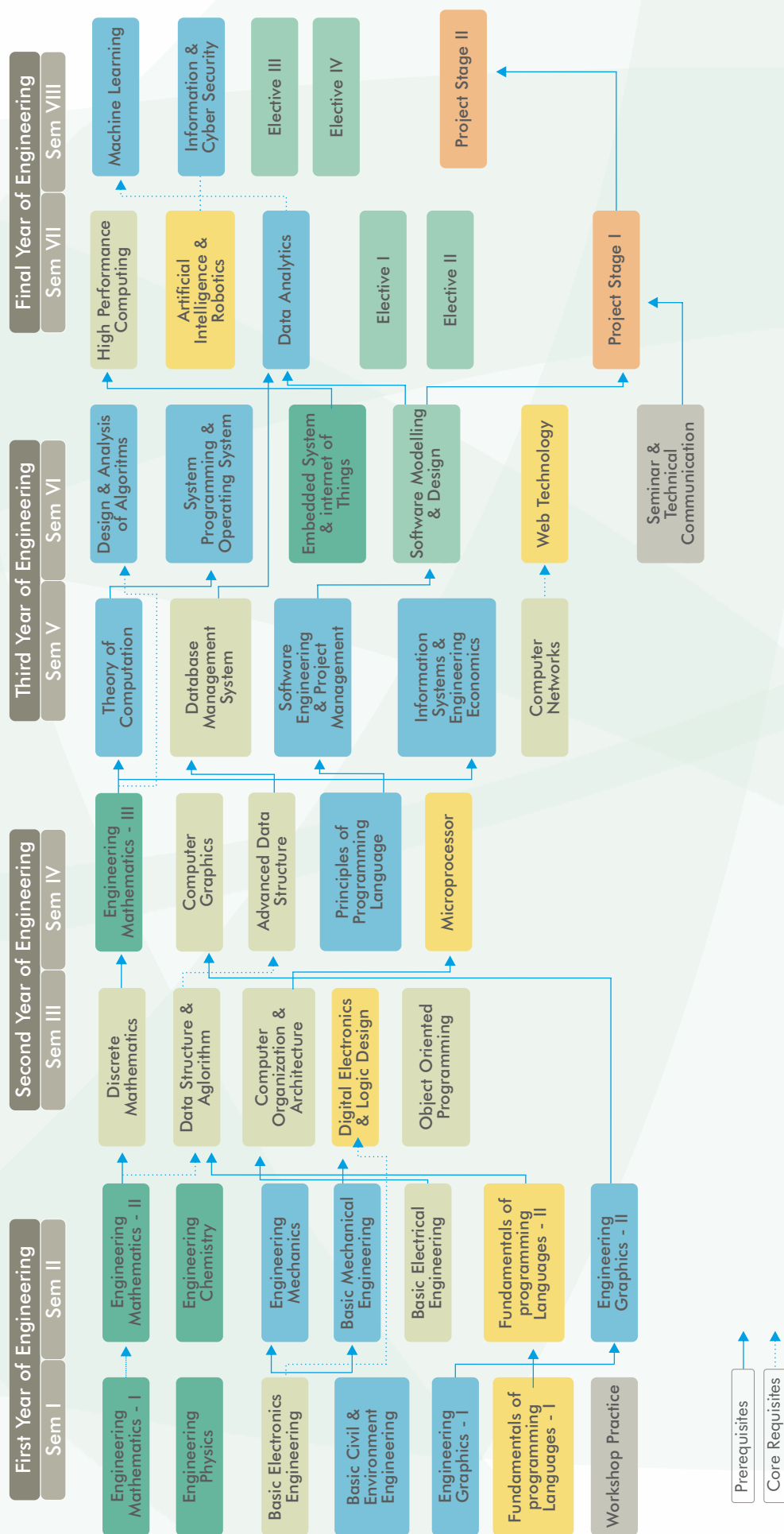
# Course Structure

## Department of Computer Engineering (CE)

Second Year	Semester III		Semester IV	
	Discrete Mathematics		Engineering Mathematics III	
	Digital Electronics and Logic Design		Computer Graphics	
	Data Structures and Algorithms		Advanced Data Structures	
	Computer Organization and Architecture		Microprocessor	
	Object Oriented Programming		Principles of Programming Languages	
	Digital Electronics Lab		Computer Graphics Lab	
	Data Structures Lab		Advanced Data Structures Lab	
	Object Oriented Programming Lab		Microprocessor Lab	
Third Year	Soft Skills	Audit Course 1	Audit Course 2	
	Semester V		Semester VI	
	Theory of Computation		Design & Analysis of Algorithms	
	Database Management Systems		Systems Programming & Operating System	
	Software Engineering & Project Management		Embedded Systems & Internet of Things	
	Information Systems & Engineering Economics		Software Modeling and Design	
	Computer Networks		Seminar and Technical Communication	
	Skills Development Lab		Web Technology	Web Technology Lab
	DBMS Lab		SP & OS Lab	
Final Year	CN Lab		ES & IoT Lab	
	Audit Course 3		Audit Course 4	
	Semester VII		Semester VIII	
	High Performance Computing		Machine Learning	
	Artificial Intelligence & Robotics		Information and Cyber Security	
	Data Analytics		Elective III	
	Elective I		Elective IV	
	Elective II		Laboratory Practice III	
	Laboratory Practice I		Laboratory Practice IV	
	Laboratory Practice II		Project Work Stage II	
	Project Work Stage I	Audit Course 5	Audit Course 6	
	List of Elective I (Choose any one)		List of Elective II (Choose any one)	
	Digital Signal Processing		Distributed Systems	
	Software Architecture and Design		Software Testing and Quality Assurance	
	Pervasive and Ubiquitous Computing		Operation Research	
	Data Mining and Warehousing		Mobile Communication	
	List of Elective III (Choose any one)		List of Elective IV (Choose any one)	
	Advanced Digital Signal Processing		Software Defined Networks	
	Compilers		Human Computer Interface	
	Embedded and Real Time Operating System		Cloud Computing	
	Soft Computing and Optimization Algorithms		Open Elective	

# Graphical Illustration of Course Structure

Department of Computer Engineering (CE)



## Faculty

### Department of Computer Engineering (CE)

#### Prof. (Dr.) Sashikala Mishra

Associate Professor & HoD  
Areas of Expertise: Data Mining,  
Soft Computing, Machine Learning,  
Image Processing  
Professional Experience: 13 years

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#### Prof. Ajitkumar S. Shitole

Associate Professor  
Areas of Expertise: Data Mining,  
Machine Learning, Theory of Computation,  
Algorithms  
Professional Experience: 17 years

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#### Prof. Ramkrushna C. Maheshwar

Assistant Professor  
Areas of Expertise: System Programming,  
Compiler Construction,  
High Performance Computing  
Professional Experience: 9 years

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#### Prof. Ashwini A. Jarali

Assistant Professor  
Areas of Expertise: Information Security  
Professional Experience: 15 years

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#### Prof. Prashant J. Gadakh

Assistant Professor  
Areas of Expertise: Compiler Designing,  
Theory of Computation, Distributed System,  
Data Structures  
Professional Experience: 6 years

---

#### Prof. Sandeep R. Patil

Associate Professor  
Areas of Expertise: Database Engineering,  
Soft Computing Techniques  
Professional Experience: 19 years

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#### Prof. Malayaj Kumar

Assistant Professor & TPO  
Areas of Expertise: Digital Signal Processing,  
Artificial Intelligence, Designing Smart System  
Professional Experience: 6 years

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#### Prof. Deptii Chaudhari

Assistant Professor  
Areas of Expertise: Data Mining & Information  
Retrieval, Neural Networks,  
Natural Language Processing  
Professional Experience: 9 years

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#### Prof. Bailappa A. Bhovi

Assistant Professor  
Areas of Expertise: Cloud Computing,  
Data Science, Machine Learning  
Professional Experience: 8 years

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#### Prof. Kimi B. Ramteke

Assistant Professor  
Areas of Expertise: Data Mining, Machine Learning,  
Object Oriented Programming  
Professional Experience: 4 years

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### Faculty Achievements (Abridged List)

Patent filed by Prof. (Dr.) Sashikala Mishra and Prof. Prashant Gadakh, titled "A Product for reducing corruption, Accident, Traffic on Highways also checking the Highway Rules and reducing the waiting time on Toll Plaza with the help of digitalization in Highway Administration System"

Prof. Prashant Gadakh won the 3<sup>rd</sup> prize at the Paper Presentation at the ICCIDM

The Department faculty have published more than 25 papers at various National and International Conferences as well as Scientific Journals

Prof. (Dr.) Sashikala Mishra received Prof. Indira Parikh Education Award from World Education Congress

Prof. Ajit Kumar Shitole published a book titled "Design & Analysis of Algorithms" for TE Computer 2015 pattern

Prof. (Dr.) Sashikala Mishra & Prof. Sandeep Patil were nominated as Reviewers for the cPGCON

Prof. Ajitkumar Shitole authored the B. Tech (SY) Book, recognised by BATU – Design & Analysis of Algorithms

Prof. Ajitkumar Shitole was a paper reviewer at NCML 2019, Amity University

Prof. Sandeep Patil was awarded for mentoring in TEXAS Innovation Competition at DST & TI India Innovation

Mr. Ajitkumar Shitole Presented and received the Best Paper Award in International Conference on Advance Trends in Computer Science and Information Technology, Pune, March, 2019

For information on Publications in Peer Journals and Conference Proceedings, Patents and other achievements, please visit our website: [www.isquareit.edu.in](http://www.isquareit.edu.in)



## Lab Infrastructure

### Department of Computer Engineering (CE)



#### List of Laboratories

- Fundamental Programming Lab - I & II
- Programming Lab - I
- Programming Lab - II
- Programming Lab - III
- Software Laboratory
- CE Computer Centre
- Project and R & D Lab

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.



#### Support Staff

**Mr. Sachin Bagul**  
Sr. Technical Assistant

**Mr. Akshay Chavan**  
Lab Assistant



# 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, System Programming, Finite Automata Theory, Computer Graphics, Database Management Systems, Software Engineering, Big Data Analytics, Artificial and Machine Intelligence. 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 (I<sup>2</sup>IT) is recognized for its motivated faculty members. The faculty members are vibrant and work with enthusiasm focusing in the domains like IoT, Cloud Computing, Big Data, Machine Learning, and Distributed System.

They strive to provide conducive learning environment for students so as 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.

## Program Educational Objectives

The students of Information Technology course would gain the following intellectual and technological skills during the program tenure.

Possess strong fundamental concepts in Mathematics, Science, Engineering and Technology to address technological challenges.

Possess knowledge and skills in the field of Computer Science and Information Technology for analyzing, designing and implementing complex engineering problems of any domain with innovative approaches.

Possess an attitude and aptitude for research, entrepreneurship and higher studies in the field of Computer Science and Information Technology.

Have commitment to ethical practices, societal contributions through communities and lifelong learning  
Possess better communication, presentation, time management and team work skills leading to responsible & competent professionals and will be able to address challenges in the field of IT at global level.

## Program Specific Outcomes

- PSO1:** Ability to understand & apply software, hardware & mathematical concepts to solve real world problems using appropriate data structure and algorithms
- PSO2:** Possess knowledge of data management system and networking to find solutions of environmental and social problems
- PSO3:** Capability to apply standard project design strategies in software project development by using different programming languages and open source tools to deliver a quality product
- PSO4:** Competent knowledge of various domains for bridging the technological gap and provide solution to various problems that leads to innovation



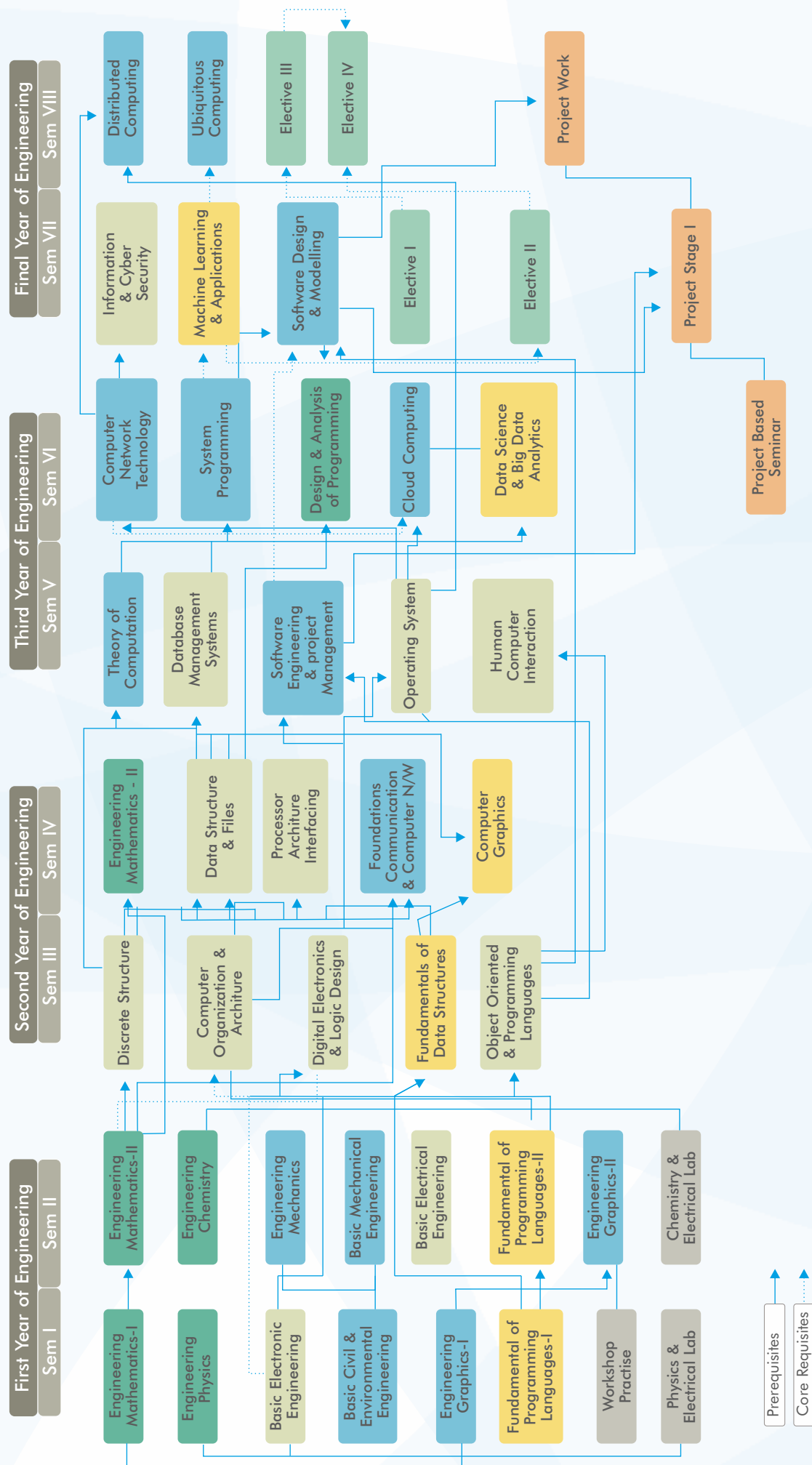
## Course Structure

### Department of Information Technology (IT)

<b>Second Year</b> <b>Sem III –</b> <b>25 Credits</b>  <b>Sem IV–</b> <b>25 Credits</b>	Semester III	Semester IV
	Discrete Structures	Engineering Mathematics – III
	Computer Organization & Architecture	Computer Graphics
	Digital Electronics and Logic Design	Processor Architecture and Interfacing
	Fundamentals of Data Structures	Data Structures & Files
	Problem Solving and Object Oriented Programming	Foundations of Communication and Computer Network
	Digital Laboratory	Processor Interfacing Laboratory
	Programming Laboratory	Data Structure and Files Laboratory
	Object Oriented Programming Laboratory	Computer Graphics Laboratory
	Communication Skills	Audit Course - II
<b>Third Year:</b> <b>Sem V –</b> <b>23 Credits</b>  <b>Sem VI –</b> <b>23 Credits</b>	Semester V	Semester VI
	Theory of Computation	Computer Network Technology
	Database Management Systems	Systems Programming
	Software Engineering & Project Mgmt	Design and Analysis of Algorithms
	Operating System	Cloud Computing
	Human-Computer Interaction	Data Science & Big Data Analytics
	Software Laboratory-I	Software Laboratory-IV
	Software Laboratory-II	Software Laboratory-V
	Software Laboratory-III	Software Laboratory-VI
	Audit Course - III	Project Based Seminar
<b>Final Year:</b>  <b>Sem VII –</b> <b>22 Credits</b>  <b>Sem VIII –</b> <b>22 Credits</b>	Semester VII	Semester VIII
	Information and Cyber Security	Distributed Computing System
	Machine Learning and Applications	Ubiquitous Computing
	Software Design and Modeling	Elective III
	Elective I	Elective IV
	Elective II	Computer Laboratory- IX
	Computer Laboratory- VII	Computer Laboratory- X
	Computer Laboratory- VIII	Project Work
	Project Phase-I	Audit Course - VI
	Audit Course - V	
	List of Elective I (Choose any one)	List of Elective II (Choose any one)
	Wireless Communications	Software Defined Networks
	Natural Language Processing	Soft Computing
	Usability Engineering	Software Testing and Quality Assurance
	Multicore & Concurrent Systems	Compiler Construction
	Business Analytics & Intelligence	Gamification
	List of Elective III (Choose any one)	List of Elective IV (Choose any one)
	Internet of Things (IoT)	Rural Tech Community Development
	Multimedia Techniques	Computer Vision
	Information Storage and Retrieval	Parallel Computing
	Internet and Web Programming	Social Media Analytics
	Computational Optimization	Open Elective

# Graphical Illustration of Course Structure

Department of Information Technology (IT)



## Faculty

### Department of Information Technology (IT)

#### Prof. (Dr.) Subrata Ghoshal

Professor Emeritus

Area of Expertise: Microprocessor Architecture

Professional Experience: 43 years

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#### Prof. (Dr.) Ravi P. Patki

Associate Professor

Areas of Expertise: Object Oriented

Analysis and Design, Software Engineering

Professional Experience: 14 years

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#### Prof. Vishal R. Chaudhary

Assistant Professor

Areas of Expertise: Network Security and

Computer Network

Professional Experience: 10 years

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#### Prof. Anand A. Bhosale

Assistant Professor

Areas of Expertise: Data Structure,

Machine Learning Data Mining

Professional Experience: 11 years

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#### Prof. Sameer P. Mamdapure

Assistant Professor

Areas of Expertise: Data Mining and

Information Retrieval, Cloud Computing,  
Software Engineering, System Programming  
& Operating System

Professional Experience: 10 years

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#### Prof. Manjusha V. Amritkar

Assistant Professor & HoD

Areas of Expertise: Image Processing, Data Structures,

Data Mining, Human Computer Interaction

Professional Experience: 13 years

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#### Prof. Keshav Tambre

Assistant Professor

Areas of Expertise: Cloud Computing, Database

Professional Experience: 10 years

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#### Prof. Bhavana Kanawade

Assistant Professor

Areas of Expertise: Machine Learning, Distributed Systems

Professional Experience: 15 years

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#### Prof. Smita Wangikar

Assistant Professor

Areas of Expertise: Cloud Computing, Operating System

Professional Experience: 11 years

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#### Prof. Sarang Saoji

Assistant Professor

Areas of Expertise: Artificial Neural Network,

Digital Image Processing

Professional Experience: 9 years

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#### Prof. Prajwali Korde

Assistant Professor

Areas of Expertise: Operating System, Data Structure

Professional Experience: 4 years

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### Faculty Achievements (Abridged List)

Faculty of Department of IT received funding of Rs 1 Lac from Savitribai Phule Pune University (SPPU) under Quality Improvement Program.

Prof. Smita Wangikar received Best Paper Award for "Identity Based Broadcast Proxy on Conditional Re-Encryption".

Dr. Ravi Patki was appointed as the Chairman by the affiliating university for the subject "Software Modeling & Design".

Prof. Anand Bhosale was appointed as a member of the SPPU's Local Inspection Committee.

For information on Publications in Peer Journals and Conference Proceedings, Patents and other achievements, please visit our website - [www.isquareit.edu.in](http://www.isquareit.edu.in)



## Lab Infrastructure

### Department of Information Technology (IT)

#### List of Laboratories

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



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.



#### Support Staff

Mr. Kumud Singh  
Technical Assistant

Mrs. Sonal Patil  
Lab Assistant



# 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.

## 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.

## Grievance Redressal Committee

The Grievance Redressal Cell is established to ensure transparency in admissions and with a paramount objective of preventing unfair practices. 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.

## 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".

## 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.

## 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.

## Library Infrastructure

The ultimate objective of an academic library is to fulfil 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, I<sup>2</sup>IT library holds the rich collection of more than 10,700 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

ICTACT Journal on Commn. Tech.  
ICTACT Jrnl. on Soft Computing  
ICTACT Jrnl. on Image and Video Processing  
Intl. Jrnl. Of Computer Engineering

Intl. Jrnl. On Computer Sc. & Communication  
Intl. Jrnl. of Microelectronic & VLSI Design  
Intl. Jrnl. of Info. Tech. & High Perfo. Comp.

#### National Journals

Applied Computational Intel. & Soft Comp.  
Communication Engg. & Systems  
Current Trends in Signal Processing  
Data Mining and Warehouse  
Electronics Engineering  
Embedded Systems  
Engg. & Manufacturing Science  
IETE Journals of Research  
IETE Technical Review  
IUP Journal of Computer Science  
IUP Journal of Information Technology  
IUP Journal of Telecommunications

Journal of Microelectronic & Solid State Devices  
Journal of Information Technology  
Journal of Electronics Design Technology  
Jrnl. of Electronics System and Control  
Jrnl of Adv. Networking and Computer Engg.  
Jrnl of Advances in Fuzzy Systems  
Jrnl. of the Indian Institute of Science  
Jrnl. of The Inst. of Engineers (India) : Series B  
Nanotechnology & Applications  
Wireless Networks and Communications

#### 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

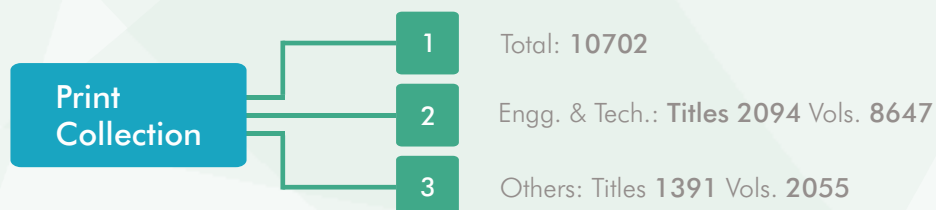
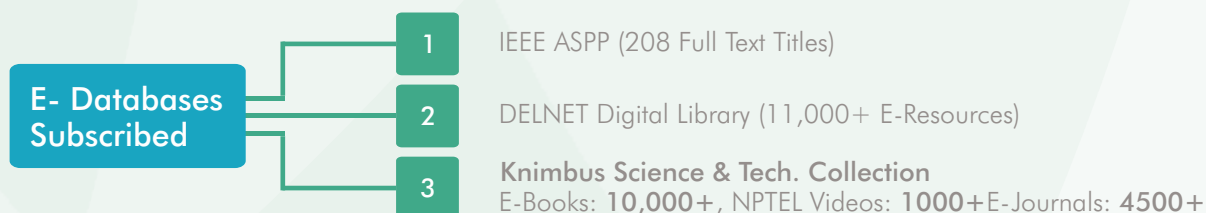
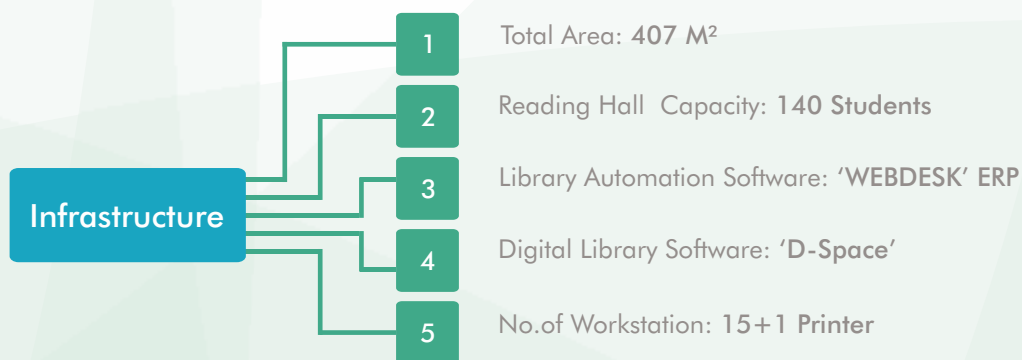
#### Facilities

Extended Hours Reading Hall  
E-Library with set up of 10 Workstations  
Suggestions & Recommendations Box  
Photocopying, Scanning and Printing  
High Speed Internet & Wi-Fi Campus Connectivity  
Book Reservation

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

**Dr. Bipin Nargide** - Librarian  
**Mr. Atul Nanaware** - Assistant Librarian  
**Mr. Vinod Singh** - Library Attendant





# Training & Placement

At I²IT, 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.



Students placed at Teradata

## 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.



Asmita Jha at 15-Day AIT-Tiger Leong International Innovation & Leadership Camp at Asian Institute of Technology, Thailand



# 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.

# Entrepreneurship Development Cell (EDC)

The Entrepreneurship Development Cell (EDC) was established by the Institute in the year 2015 with the objective to create awareness about entrepreneurship skills among the students. This cell is an institutional mechanism to create entrepreneurial culture. The EDC of I<sup>2</sup>IT now operates as Innovation and Start Up Cell under the Centre for Innovation, Incubation and Linkages of Savitribai Phule Pune University.

This 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" - an event held on campus.

The Institute encourages students to contribute to the EDC and constantly assists them administratively and financially to meet their entrepreneurial aspirations.

## Objectives of EDC

To design standardized processes, policies and procedures of referral for clients to and from the institute and the incubation start ups

To promote interaction between the institute and the incubation start ups in mutually beneficial areas

To identify and deliver appropriate entrepreneurship and skills training, monitoring and mentoring entrepreneurs and the enterprises

To provide a formal basis for initiating interaction between the institute and the incubation start ups and joint cooperation in undertaking of export and investment promotion activities

To standardize the delivery of services to entrepreneurs and enterprises assisted by co-operating entities

# 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 Incubators / Start Ups with innovative ideas and concepts. Some of these ideas of students which have materialised during the recent past are categorised as “Established Start-Ups” and “Emerging Start-Ups”

## Established Start Ups

Sr. No.	Name of the Student	Year	Name of the Start Up
1	Yogesh Doke	2017-18	CS IT Services Private Ltd.
2	Ankit Choudhari	2017-18	Shree Varad Enterprises
3	Mehek Sethiya	2016-17	Founder of PM CCloudTech Private Ltd.
4	Durgesh Tayde	2015-16	StartOmatic
5	Sameer Mohanti	2015-16	Creaxt Inc
6	Gautami Bhavsar	2015-16	Public Image Building

## Emerging Start Ups

Sr. No.	Name of the Student	Year	Name of the Start Up
1	Allen Thomas	2018-19	Deepfake Detector
2	Parth Gopal Bandrewar, Govind Radhakishan Hoge, Satyaprakash Khandu Gaikwad	2018-19	RopGrow
3	Shagun Mahamuni, Mayuresh Patkar	2018-19	Technoagri
4	Susheel Gounder, Vishal Rokade, Madhuri Mengle, Patil Mahaleppa	2018-19	Smart Farmers

## Awards and Recognitions



Best Emerging Technical Institute  
in Maharashtra - 2016



Innovation Award  
in Engineering College Category - 2016



Certificate of Special Recognition  
For Highest participation at the NES  
Innovation Challenge Awards - 2016



AICTE-CII Survey of  
Industry Linked Institutes  
I<sup>2</sup>IT in Gold Category - 2018

## Prominent Membership & Local Chapters

IIT Bombay, ICT Remote Center

IEEE Student Chapter

Computer Society of India

ACM Student Chapter

NPTEL Local Chapter

NASSCOM

FICCI

Yi - Student Chapter

# 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 of the Institute 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. Employees of startups incubated on campus can benefit by pursuing their continuing education program at I<sup>2</sup>IT.

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

- College of Engineering (COEP), Pune
- EdGate Technologies Pvt. Ltd.
- GPUONCLOUD
- Gyanteerth
- Infotech Orbit
- IOTIOT.in
- miTu Skillologies
- MassTechnologies
- PSIT Solutions
- TomTom India Pvt. Ltd.
- ENTESLA
- Wisdom Sprouts

## Industrial Trainings

The Training & Placement Department makes 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 – Gyanteerth

The Institute invites a professionally qualified trainer who conducts aptitude and technical preparatory classes twice a week for the 3<sup>rd</sup> 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, Arduino, Bluemix Tool etc. The Institute also arranges for 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.



Students at Persistent Computing Institute Summer / Winter School



Industrial Visit to ISRO, Bangalore



## Recruiters (Abridged List)

3D PLM	Geometric	Mojo Networks	Talerang
Accolite	Harbinger	Mphasis	Tata Technologies
Acrotrend	HCL	Mu Sigma	TCS
ACS	Hudl	NICE	TechVerito
Amazon	Hummingbird	NTT Data	Teradata
Aristocrat	IBM	Opulent	Travellanders
Bitwise	IKS Health	Persistent Systems	Trigya Technologies
Blazeclan	Indian Army	Quality Kiosk	Uniqify
BookMyShow	Infosys	Quick Heal	Varahii Infotech
Bristlecone	IntellyZen	Reliance Jio	Vegayan
CapitalVia	KPIT	Route Rabbit	Versa Networks
Demand Farm	Krazybee	Savy Soft	Vodafone
Elastic Run	LTI	Scalex	Webonise Lab
Entesla	Manhattan Associates	Screen Magic	Yagna IQ
Envestnet Yodlee	Mike Robotics	Sokrati	Zerowav
Etech	MiniOrange	Syntel	ZS Associates
eZest	MKCL	Tabsquare	



Indian Army for Campus Recruitments



Students recruited by Infosys

# 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<sup>2</sup>IT 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<sup>2</sup>IT at <http://alumni.isquareit.edu.in>

## Alumni Testimonials



**Pratiksha Ragit**  
Information Technology

It's difficult to sum up the memories and experience of four years in few lines. The four years on I<sup>2</sup>IT campus brought into my life friends who will be with me forever and lessons for lifetime. Although, my 4 years of engineering at I<sup>2</sup>IT was more of a new venture, I had countless opportunities to develop analytical skills, leadership and proactive thinking through various programs and events. These attributes were the key reasons because of which I was successfully placed at Infosys.

Big thanks to all my faculty members and friends for this amazing journey throughout. My sincere appreciation & gratitude to the IT Department for their support and encouragement, this would not be possible without them.



**Harshita Mathur**  
Information Technology

I<sup>2</sup>IT has certainly enhanced my learning curve. 4 long years gave me a lot of exposure and opportunities to discover my hidden talents and excel in them.

I<sup>2</sup>IT has also provided me numerous platforms to showcase my talent. I am very thankful to the faculty for being so supportive, to help me sharpen my technical and interpersonal skills. The college also, gave me the knowledge and confidence, that has brought a new dimension into my life; the confidence to achieve a successful career. The placement department provided an extensive training to succeed and reach heights.

I thank everybody at International Institute of Information Technology for helping me become what I am today.

# Alumni Testimonials



**Saket Khodaskar**  
E & TC

It is a privilege and honour to get pass-out from such a reputed college which has the best alumni network. It has given me the exposure in all aspect of life and I believe that's the most important thing when we step out in the real world.

I am lucky to have excellent faculty members who ignited the spark of curiosity within me. I would also appreciate the college for providing the best infrastructure and facilities at best possible cost.

The faculty and other staff members put a lot of effort to give the best education and wisdom to everyone.



**Kanika Mishra**  
Computer Engineering

I<sup>2</sup>IT commenced its undergraduate program with my batch and I consider myself lucky to be the part of it. We got the privilege to be the trendsetters. This institute gave me the best 4 years of my life.

After completing my bachelors I got into IIT Bombay because I<sup>2</sup>IT provided me enough confidence to fight for what I want to achieve and acquire qualities like leadership and punctuality too.

The atmosphere here is perfect for students to obtain qualities to achieve their life goals. I will always be thankful to I<sup>2</sup>IT for making me successful and independent and for giving me great memories.



**Sharwari Walimbe**  
E & TC

It gives me immense pleasure to say that I have completed my graduation from I<sup>2</sup>IT, Pune. All the four years were no less than a roller coaster ride and indeed a great experience. The bonding between the faculty and the students has helped all of us excel and achieve our goals. I would like to thank all the faculties and staff for making this journey a memorable one.



**Viraj Chavan**  
Computer Engineering

It gives me immense pleasure and pride to be a part of I<sup>2</sup>IT, Pune. The relationship between the students and faculty is very cordial, which gives me an opportunity to excel in my area of interest.

The institute has cooperative professors, a state of the art infrastructure, huge library resources, laboratories with the latest technologies and a clean and green campus with a large canteen. My time spent here is magnificent and helped me grow both professionally and personally as a better person.

# Admission Process

## Notice for Aspiring Students and their Parents

Hope Foundation and Research Centre's "International Institute of Information Technology (I<sup>2</sup>IT)" 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](mailto:principal@isquareit.edu.in) and / or the Executive Secretary of the Trust at [saikrishnab@isquareit.ac.in](mailto: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 Directorate of Technical Education (DTE), Govt. of Maharashtra and complete the Document Verification process with the nearest authorized Facilitation Centre nominated and listed by DTE on their web portal [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in)

All candidates are required to refer the Admission Brochure published by the Directorate of Technical Education (DTE), Govt. of Maharashtra for AY 2019-20 and follow the guidelines laid down by DTE 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 Directorate of Technical Education (DTE), Govt. of Maharashtra and complete the Document Verification process with the nearest authorized Facilitation Centre nominated by DTE and listed on their web portal [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in)

After the above procedure is completed, the candidates should apply in the prescribed format available on the Institutes web portal [www.isquareit.edu.in](http://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.

## Seats available for First Year Engineering

**B. E. Programme in Electronics & Telecommunication, Computer Engineering and Information Technology (Sanctioned Intake - 60 each)**

Percentage Matrix of Seats available for Allocation			
CAP Seats (65%)		All India (15%)	Institutional Level Seats (20%)
Home University	Outside Home University		
45.50%	19.50%	15.00%	20.00%

Seats available for Allocation			
CAP Seats (Total Seats = 117 Nos.)		All India (Total Seats = 27 Nos.)	Institutional Level Seats (Total Seats = 36 Nos.)
Home University	Outside Home University		
82	35	27	36



## Admission to Direct Second Year Engineering

The distribution of Seats available for admission to Direct Second Year Engineering shall be notified on the DTE 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 in the 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
	<b>Total Percentage of Seats Reserved</b>	<b>50.00</b>

## Admission Cancellation and Fee Refunds

The candidate shall apply online on the DTE 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).

For cancellation of admission before reporting to the institution, the candidate shall apply to the Admission Reporting Center where he / she has paid Seat Acceptance Fee. On cancellation of such admission through Online System before reporting to the institution, the amount may be refunded electronically to the Candidate, after deduction of applicable processing charges.

The above information is subject to any changes / revisions as declared by the Competent Authority in their Information Brochure published for Academic Year 2019-20.

# Steps of Admission

Sr. No.	Particulars
1	Online registration of application for admission On the Directorate of Technical Education Web Portal <a href="http://www.dtemaharashtra.gov.in">www.dtemaharashtra.gov.in</a> (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 DTE 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 DTE web portal
6	Display of Category wise Seats (Seat Matrix) for CAP Round I by competent authority on the DTE 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 DTE web portal
9	Reporting to the Admission Reporting Centre (ARC) as per Allotment of CAP Round I
10	Display of Vacant Seats for CAP Round-II by competent authority on the DTE 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 DTE web portal
13	Reporting to the ARC as per Allotment of CAP Round II if seat allotted for first time in CAP Round II
14	Display of Vacant Seats for CAP Round-III by competent authority on the DTE web portal
15	Changing the option from Sliding or Floating or Freezing and vice-versa, Online Submission & Confirmation Of Option Form of CAP Round-III through candidates Login by himself/herself through the website
16	Display of Provisional Allotment of CAP Round-III by competent authority on the DTE web portal
17	Reporting to the ARC as per Allotment of CAP Round III if seat allotted for first time in CAP Round III
18	Reporting to the Allotted Institute and Confirmation of Admission by submitting required documents and remaining fees, if any, as per Final Allotment.
19	Cut-off Date for all type of admissions for the Academic Year 2019-20
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

## First Year Batch Commencement

The Orientation Session for students admitted to First Year Engineering for AY 2019 - 20 would be tentatively in the first week of August 2019. The exact date would be notified via e-mail as well as displayed on the Institute web portal [www.isquareit.edu.in](http://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 Directorate of Technical Education. 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](http://www.isquareit.edu.in) or contact the Accounts Section at [accounts@isquareit.edu.in](mailto:accounts@isquareit.edu.in)

## Student Financial Support

Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT) 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 I<sup>2</sup>IT. 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.



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

# General Code of Conduct

The student Code of Conduct is formulated to foster and protect the core mission's and values of the Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT), Pune to nurture the scholarly and civic development of the students in an academic environment that is safe and secure, and to protect the individuals, properties and the systems and procedures that support the activities of the Institute.

All the students while on the Institute campus continue to be subject to the laws of the land and violation of those laws may also constitute 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 weapons, 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.

## 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 (I<sup>2</sup>IT), 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](http://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 instills 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 counselor 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 Amiad Water Filtration Plant installed on the Institute campus caters to the drinking water needs of all the Students, Faculty, Staff and the Visitors. The raw water comprising of Total Dissolved Solids (TDS) is treated through this filtration plant and brought to the generally acceptable limit of the TDS. This ensures that the water is pure, tasty and hygienic rendering it highly suitable for human consumption. The supply of this purified drinking water is done regularly to all locations of drinking water provisions made on campus. The rejected water of the filtration plant is used for gardening and other cleaning purposes.

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.



**Student Hostels**



**Cafeteria**

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 Tied 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.



**Installation of 8KW Grid Tied  
Solar Power Plant**



**Annual Techno - Cultural Fest  
'DHRUVA'**

# Student Committees

The Student Committees comprise of representatives from all stakeholder groups / 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 main purpose of these Committees are to ensure harmony across an ample, vibrant, and continuous range of campus events and activities and that there is the least possible conflict in sequencing and timing amongst the multiple events and activities that arise in the course of an academic year, and maximum involvement and engagement of 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](http://www.isquareit.edu.in)

## Departmental Committees



IT Student Association  
(ITSA)



Electronics & Tele-  
communication Student  
Association (ISETS)

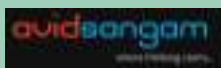


Computer Engineering  
Student Association  
(CESA)



FE Student Association  
(FESA)

## Technical Committees



Avidsangam



Computer Society  
of India (CSI)



ACM Chapter



IEEE

## Other Committees



PR Committee



CMC Committee



LAN Committee



Personality Development  
Committee

## Sports Committees



## Social Committees



Young  
Indians (YI)



NSS

## Cultural Committees



## Campus Events

### "The Women's Prowess 2019"

Mrs. Aruna M. Katara, President - Hope Foundation and Dr. Ganesh Natarajan, Founding Trustee of Natarajan Education Society called for a national movement "The Women's Prowess 2019" on April 5, 2019 to enable millions of women to become entrepreneurs and create worthy jobs for their fellow citizens. Pune has been a role model for women to succeed and the lessons can be taken country-wide! It showcased success stories of Women Entrepreneurs in Pune. The Chief Guest of the event was Dr. Annurag Batra, Chairman & Editor-in-Chief of BW Businessworld & Exchange4media. The panel discussion was led by Dr. Uma Ganesh, Chairperson of Global Talent Track featured success stories from Manufacturing (Ms. Uma Nidmarty – CEO, Lectrotek Ltd.); IT (Ms. Dipti Agrawal – Co-Founder & CEO, Tudip Software); Social (Parul Vaidya – General Manager, Social Venture Partners, Pune Chapter), Journalism (Sheetal Kharka – Vice President, BW BusinessWorld) and other sectors.



### 3<sup>rd</sup> Founder's Day

12<sup>th</sup> March, 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. We pay tribute to the person who created career and educational opportunities for so many.

Dr. Radhakrishnan Pillai, Deputy Director, Masters in Leadership Science, University of Mumbai and Founder-Director of Chanakya Institute of Public leadership was the Chief Guest on the occasion. Mr. Dinanath Kholkar Vice President & Global Head Analytics & Insights, TCS, and Chair, IEEE Pune Section joined the celebration and also announced the Late Shri Pralhad P Chhabria Awards constituted by Hope Foundation and Research Centre in association with IEEE India Council, WiE Affinity Group, IEEE Pune Section.





# 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.



Rangoli Competition



Intercollegiate Sports



Traditional Day



Student gathering at "Farewell Party"



Dance Performance at "DHRUVA"



Panel Discussion on  
"Meeting the Industry Demand by Academia"  
in collaboration with IBM



## Social Events

The faculty, staff and students of I2IT 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.



MoU with Pune Blind Men's Association



Distribution of Clothes



Creating AIDS Awareness on Campus



Tree Plantation on Forest Day



Social contribution at Apang Shala



Salute The Support Staff

## 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.



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



Mrs. Rashmi Shukla  
Ex-Commissioner of Police, Pune



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



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



Smt Amruta Fadnavis  
(w/o CM Shri Devendra Fadnavis)  
at an event of Emcure hosted at I<sup>2</sup>IT



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

## 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

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"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

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"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

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"Excellent organization and motives."

- Dr. A. D. Shaligram

Registrar, Savitribai Phule Pune University (SPPU)

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"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

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"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

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"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

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"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



## Student Achievements



**Saif Lakhani**  
At Harvard University

- Priyanka Singh is awarded three Gold Medals for securing 1<sup>st</sup> Rank in B.E. Computer Engineering by Savitribai Phule Pune University
- Saif Lakhani was selected to participate in the Harvard College project for "Asian and International Relations '19"
- Ashish Dhone is selected to attend the "Facebook and Google BountyCon, an invitation-only security Conference", at Singapore '19
- Asmita Jha, Isteyak Ansari and Pratik More received the Best Paper Award at the "Eighth International Conference on Advances in Computing, Electronics & Electrical Technology - CEET '18" at Kuala Lumpur, Malaysia
- Appar Thusoo won the First Prize for "Block Chain in Finance" category at Pune Hackathon '18
- Yash Deo and Team received grant of Rs. 2.76 Lakhs through "Smart India Hackathon '17"



**Shivani Rajhance,**  
Boxing Champion

- Asmita Jha & Saif Lakhani won the Gold level prize (5,000 THB) for the idea: PHIN (PowerfulCrop Health Imaging Next-Gen) at the "Hackathon Sensors Challenge Event" organized at the Asian Institute of Technology, Thailand
- Shivani Rajhance received Gold Medal in "Kick-boxing Championship" and Silver Medal in "Thai-boxing Championship"
- Saif Lakhani received Rs. 1 Lakh Prize for winning 24 hours "Pune Hackathon '17" organized by eZest Solutions
- Karn Deep Ranjan secured 37th Rank in finals of Indian "Sudoku Championship '17"
- Priyanka Singh, Yash Khelkar and Ashish Asudani received grant of Rs. 1 Lakh for "Anveshan '16" from Analog Devices



**Smart India Hackathon Winners - 2017**



# Convocation Ceremony

The Convocation Ceremony of the pass out graduates of 2017-18 was organized on the I<sup>2</sup>IT Campus on 15<sup>th</sup> February 2019 as per the provisions of the Savitribai Phule Pune University. All the eligible students participated in the ceremony and recalled their fond memories during their 4 years with the Institute and received their Bachelors of Engineering Degrees at the hands of the Chief Guest of Honour Mr. Prakash Iyer, who is an acclaimed best-selling author, motivational speaker, and leadership coach.



Department of Computer Engineering (CE)



Department of Information Technology (IT)



Department of Electronics and  
Telecommunication (E & TC)

## 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 (I<sup>2</sup>IT)" 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 (I<sup>2</sup>IT) 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](mailto: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 [www.unipune.ac.in](http://www.unipune.ac.in)

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>

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## Admission Disclaimer

The Admission Procedure mention 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 Directorate of Technical Education, Govt. of Maharashtra web portal [www.dtemaharashtra.gov.in](http://www.dtemaharashtra.gov.in) regularly for timely updates.

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## 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.

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## Copyright & Acknowledgement

All information contained in this Student Prospectus is the property of the Hope Foundation's International Institute of Information Technology (I<sup>2</sup>IT), Pune unless otherwise stated. Duplication of any information contained within the Student Prospectus requires prior written permission of the Institute authorities.

All registered trademarks used herein are acknowledged.

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



Hope Foundation's

## INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY(I²IT), PUNE

- Approved by All India Council for Technical Education (AICTE), New Delhi
- Recognized by Directorate of Technical Education (DTE), Govt. of Maharashtra
- Affiliated to the Savitribai Phule Pune University

Accredited by NAAC (B++ Grade)

### Application Form for Admission against Institute Level Seats / Vacant Seats after CAP Rounds

For Office Use Only:

Please affix latest  
passport size colour  
photograph

#### Fee Payment Details

Non-Refundable Processing Fee of ₹ 500/- (Rupees Five Hundred Only)

Demand Draft / Cheque	Cash	Net Banking / Cards / NEFT
DD No: DD Date: Bank Name: Amount Rs.:	Receipt No.: Receipt Date: Amount Rs.:	Transaction Ref.No.: Transaction Date: Bank Name: Amount Rs.:

To,  
Principal,  
International Institute of Information Technology (I²IT),  
P-14, Rajiv Gandhi Infotech Park, Hinjawadi - Phase - I, Pune - 411057, India

#### Admission Information

DTE ENROLMENT No. (MANDATORY): \_\_\_\_\_

Admission to: ☐ First Year Engineering ☐ Direct Second Year Engineering

Indicate Preference for below branches / specializations (1 / 2 / 3):

☐ Electronics & Telecommunication ☐ Computer Engineering ☐ Information Technology

#### Candidate Information

Full Name: \_\_\_\_\_  
(In BLOCK Letters) Last Name First Name Father/ Husband's Name Mother's Name  
Religion: \_\_\_\_\_ Caste: \_\_\_\_\_ Category: \_\_\_\_\_ Domicile State: \_\_\_\_\_  
Date of Birth: \_\_\_\_\_ (DD / MM / YYYY) Gender: \_\_\_\_\_ (Male / Female)  
Registered with State Election Commission - Yes / No Voter ID No.: \_\_\_\_\_

#### Parent /Guardian Information

Name of Father: _____	Name of Mother: _____
Employed: Y / N	Employed: Y / N
Private <input type="checkbox"/> Govt. <input type="checkbox"/> Business <input type="checkbox"/>	Private <input type="checkbox"/> Govt. <input type="checkbox"/> Business <input type="checkbox"/>
Organization Name _____	Organization Name _____
Location: _____	Location: _____
Gross Annual Income: _____	Gross Annual Income: _____
Correspondence Address: _____	
Landline (With STD Code): _____	Mobile: _____

## Educational Qualifications

Examination	Board	Name of College / School & City	Month & Year of Passing	Marks Obtained	Out of
10 <sup>th</sup>					
12 <sup>th</sup>					
Diploma					
Bachelor					

## Qualifying Examinations

Entrance Exam Name (2018)	Score		Merit Number		
	Obtained	Out of	All India	State	Category
MHT - CET					
JEE (Main)					

Please attach only attested photo copies of the relevant documents (No Original documents should be attached). Tick ✓ if document is attached. Write NA, if Not Applicable.

Sr. No.	Document Title	Status
1	Document Verification Acknowledgement (Mandatory)	
2	MHT - CET 2019 Score Card	
3	JEE (Main) 2019 Score Card (if applicable)	
4	10 <sup>th</sup> Mark Sheet	
5	12 <sup>th</sup> Mark Sheet	
6	Diploma Mark Sheet	
7	Leaving / Transfer Certificate	
8	Domicile Certificate	
9	Nationality Certificate	
10	Caste Certificate	
11	Caste Validity Certificate / Proforma H	
12	Non-Creamy Layer Certificate	
13	Gap Certificate	
14	Migration Certificate (If other than Maharashtra State Board	
15	Copy of Aadhaar card (Mandatory)	
16	Others (Please specify)	

Signature of Applicant

Signature of Parent

Date:

Place:

Hope Foundation's

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

P-14, Rajiv Gandhi Infotech Park, MIDC, Phase-I, Hinjawadi, Pune- 411057 Maharashtra, India

Telephone : +91 20 2293 3441 / 2 / 3 | Fax: +91 20 2293 4191

Email: admissions@isquareit.edu.in / info@isquareit.edu.in | Website: www.isquareit.edu.in





Team I<sup>2</sup>IT



INNOVATION & LEADERSHIP

[www.isquareit.edu.in](http://www.isquareit.edu.in)

## INTERNATIONAL INSTITUTE OF INFORMATION TECHNOLOGY

Hope Foundation's

International Institute of Information Technology (I²IT)

P-14, Rajiv Gandhi Infotech Park, MIDC, Phase-I, Hinjawadi, Pune - 411057 Maharashtra, India

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Email: [admissions@isquareit.edu.in](mailto:admissions@isquareit.edu.in) / [info@isquareit.edu.in](mailto:info@isquareit.edu.in) | Website: [www.isquareit.edu.in](http://www.isquareit.edu.in)

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