





VISION

**EXCELLENCE IN TECHNICAL
EDUCATION**

MISSION

- **Make competent engineers with the spirit of professionalism and responsible citizenship**
- **Impart knowledge and technical skills of the highest standards**
- **Prepare engineers to respond to the current and future needs of the industry, higher studies as well as research**

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INTRODUCTION



Mr. Bharat R. Agarwal
Managing Trustee and Chairman,
Governing Body, VIIT

Vishwakarma Institute of Information Technology (VIIT) was established in 2002 by Bansilal Ramnath Agarwal Charitable Trust (BRACT), Pune, Maharashtra, in order to produce engineering graduates capable of accepting challenges in the new environment of technical advancements. It was formally inaugurated by Dr. Anil Kakodkar, Chairman, Atomic Energy Commission, Government of India, on 11th October 2002. During last fourteen years VIIT has developed into an institute recognized amongst few top ranking engineering colleges in Pune, Maharashtra, India and is certified as ISO 9001:2008 certified institute. It is a self-financed Institute

affiliated to Savitribai Phule Pune University (SPPU) formerly known as University of Pune (Identification No. PU/PN/Engg./184/ 2002-2003) and is recognized and approved by All India Council for Technical Education (AICTE), New Delhi and by the Government of Maharashtra.

As a result, the institute established a strong foothold in engineering education. VIIT has obtained ISO certification in 2006 and re-certification in 2009, 2012 and 2015. A few UG programs were accredited earlier and four UG programs are re-accredited by NBA in 2015 for three years.

TRUSTEES

- Mr. Rajkumar Bansilal Agarwal, Chief Trustee
- Mrs. Amita Rajkumar Agarwal, Trustee
- Mr. Bharat Rajkumar Agarwal, Managing Trustee
- Mr. Mahindrakumar A. Patodiya, Trustee
- Mr. Narendra P. Jain, Trustee

VIIT also received NAAC accreditation with A grade in 2016.

VIIT was awarded as 'Outstanding Engineering Institute West Zone'.

In surveys conducted by various agencies like Competition Success Review, Times, Career 360 Magazine etc, VIIT is always ranked in a few top positions.

UGC, the State Government as well as SPPU has conferred Academic Autonomy to VIIT from Academic Year 2017-18.



Hon. Shri. Rajkumar B. Agarwal,
Chief Trustee & Chairman-BRACT

FROM DIRECTOR'S DESK

Dear all,

Technical Education is the backbone of every nation and is the stepping stone for a country to become a developed nation. In a rapidly evolving competitive world of today, budding engineers have to acquire not only the latest knowledge of Engineering and Technology but also the skills to apply this knowledge to solve the given problems in order to have an edge over the competitors.

With this view, since its inception in 2002, Vishwakarma Institute of Information Technology (VIIT) is growing vertically as well as horizontally to prepare competent engineers to take up challenges of the industry. As a result, the institute is establishing a strong foothold in engineering education. VIIT has received ISO certifications, NBA and NAAC accreditations, a number of top rankings by various surveys and is on the fast track to growth after becoming autonomous from 2017. This has now enabled us to design our own curriculum in tune with



DIRECTOR
Dr. Mrs. B. S. Karkare
PhD (Civil), M.Engg (Canada),
M.Tech (IIT, Mumbai),
MIE, MISTE, MICI, MISSE

the philosophy of outcome based education and the requirements of industry.

We, at VIIT, keep ourselves abreast with the state-of-the-art technology and also imbibe spirit of professionalism and responsible citizenship in our students, using effective and innovative teaching learning process both within and outside the classrooms and laboratories. The main focus of the institution is to empower students with sound technical knowledge and soft skills, thus giving them necessary skill set to make them industry ready. In addition we offer a variety of opportunities to our students fostering self-development through exposure

“ The main focus of the institution is to empower students with sound technical knowledge and soft skills thus giving them necessary skill set to make them industry ready. ”

and participation in various technical, cultural and sports activities at institute, university as well as national level. We have excellent on-campus recruitment and constantly endeavor to achieve excellence in technical education for global acceptance.

We wish the best for all our students and the members of the institution who reiterate their aim at providing the best in academic and extra-curricular fields that nurtures students towards becoming not only technically competent but also strong and focused human beings.

ABOUT VIIT

ABOUT BRACT

Bansilal Ramnath Agarwal Charitable Trust (BRACT), Pune, runs Vishwakarma Institute of Information Technology. The Trust was established on the 16th of June 1975 under Bombay Trust Act of 1950. The Trust undertakes educational, religious and social activities.



Social & Cultural Activities of the Trust:

- The Trust has built a beautiful Mahalaxmi Temple at Sarasbaug, Pune, which conducts social and religious activities.
- The trust donates money and provides medical facilities like ambulance to hospitals and other needy organizations.

“Vishwakarma” as per Indian mythology, was an architect-engineer of the Almighty God. The Trust has adopted this name with a vision to develop engineers who can take up challenges in technical field with original work and creativity. The Trust has adopted this name “Vishwakarma” for all educational institutes, under its umbrella.

The Trust runs various educational institutes as enlisted below:

Vishwakarma Institute of Technology (VIT), Bibwewadi.

Vishwakarma Institute of Information Technology (VIIT), Kondhwa.

Vishwakarma Vidyalaya(English & Marathi Medium School), Bibwewadi.

Vishwakarma College of Arts, Commerce and Science, Kondhwa.

Wisdom World School, Wakad.

Besides Pune, the trust has also established following educational institutes in Maharashtra:

VIT, Kamshet:
Suman Ramesh Tulsiani
Technical Campus (SRTTC)

VIT, Latur: Sandipani Technical
Campus(STC)

ACADEMIC PROGRAMS OF VIIT

VIIT offers different Under Graduate, Post Graduate and Ph.D. programs in Engineering with affiliation to SPPU.

From Academic Year 2017-18 the UG and PG Programs shall be offered under Academic Autonomy. The students who successfully complete these programs shall be awarded B.Tech. and M.Tech. Degrees.

Under Graduate Programs:

UG	Civil Engineering	60
	Civil Engineering (Second Year Direct Admission for Diploma Students)	60
	Computer Engineering (NBA Accredited)	180
	Electronics & Telecommunication Engineering(NBA Accredited)	180
	Information Technology (NBA Accredited)	60
	Mechanical Engineering (NBA Accredited)	120
Total Intake - 660		

Post Graduate Programs:

PG	Civil Engineering	Water Resource & Environmental Engineering	18
	Civil Engineering	Structural Engineering	18
	Computer Engineering		18
	Electronics & Telecommunication Engineering	Signal Processing	18
	Mechanical Engineering	Design Engineering	18
Total Intake - 90			

Ph.D. Programs:

VIIT has three approved research centers of SPPU for Ph.D. Program

Ph.D.	Civil Engineering
	Electronics & Telecommunication Engineering
	Mechanical Engineering

DEPARTMENT OF CIVIL ENGINEERING

Dr. S. G. Joshi,
Professor and
Head Ph.D. (Structures)

UG

Undergraduate program run by
the department: **B.Tech.(Civil Engineering)**

PG

Postgraduate program run by the department:
**1. M.Tech. (Water Resources
& Environmental Engineering)**
2. M. Tech. (Structural Engineering)

Ph.D.

University approved
research center

Highlights of the Department

- The department has thirty-five highly qualified and experienced teaching faculty including four Professors and three Associate Professors. Eight faculty members have completed PhD and eight are pursuing PhD.
- Funding of more than Rs.55 lakhs has been received for various research projects by faculty. Various funding agencies are All India Council for Technical

Education (AICTE), Indian National Centre for Ocean Information Services (INCOIS), Rajiv Gandhi Science and Technology Commission (RGSTC) and Board of College and University Department, SPPU, Pune (BCUD)

- Faculty has published more than 125 research papers in reputed journals and conferences during last 6 years.
- One International patent has been awarded and one more patent is filed.

- Industry Consultancy and R&D activities are taken up by faculty members. Consultancy work of more than Rs. 6 lakhs has been completed till date. Rs. 5 lakhs are sanctioned by Pune Construction Engineering and Research Foundation (PCERF) for four consultancy projects.
- A separate Research laboratory is set up in collaboration with PCERF, VIIT and Nyati Group to carry our research work for PCERF by the department.

VIIT | DEPARTMENT OF CIVIL ENGINEERING

- One student has received BEST THESIS AWARD from AESA (Association of Architects, Engineers and Surveyors Association) and three students have received B.G.Shirke Constro Vidyarthi Award from PCERF (Pune Construction Engineering Research Foundation) .
- Student Internship Program was initiated in 2012 through Builder's Association of India (BAI), Pune and other companies for UG and PG students. More than 400 students have undergone field training at various civil engineering companies in and around Pune.
- Indian Concrete Institute (ICI) - Student Chapter is established to encourage professional growth of students. Guest Lectures, site visits and workshops are conducted by eminent professionals for the students every semester.
- Department has established Civil Engineering Students Association (CESA) for providing platform to enhance their skills.
- CESA organizes National Level Student Conference every year.
- Guidance is provided for competitive examination Graduate Aptitude Test in Engineering (GATE).



Plane Table Survey & Theodolite Survey



Labs In Civil Engineering Department



View of Fluid Mechanics Laboratory



UG Civil Engineering Students at DIPEX-2013

Total capital investment of approximately Rs. 1.33 crores has been made in various Civil Engineering laboratories.



Inauguration of ICI-Students' Chapter at VIIT

DEPARTMENT OF COMPUTER ENGINEERING

Dr. S. R. Sakhare,
Professor and Head
Ph.D.
(Computer Science & Engineering)

UG Undergraduate program run by the department:
B.Tech.(Computer Engineering)
PG Postgraduate program run by the department:
M.Tech.(Computer Engineering)

Highlights of the Department

- UG Program of the department received NBA accreditation in 2011 and is reaccredited for three years from 2015.
- Consistently good placement record with an average package of Rs. 4.6 lakhs per annum.
- Mr. Sanket Gosavi was placed in Works Application, Japan, with a package of Rs.35 lakhs per annum.
- Ms. Prajwala Shrivastav was placed in HSBC with a package of 16 lakhs per annum.

- Department has highly qualified faculty strength of three Professors and one Associate Professor. Three faculty members have Ph.D. and fourteen faculty members have registered for their Ph.D.
- Faculty members received grants for six research projects under BCUD scheme of S.P.P.U.
- 1 patent and 10 copyrights are filed.
- Faculty members shoulder the responsibilities as chairman of subjects, paper-setters and UG/PG examiners for SPPU and other universities.
- Some faculty members are reviewers for national and international journals and conferences.
- Consistently good academic result with five university rankers.
- The department has signed MOU with Infosys for "Infosys Campus Connect program".
- The Department has established "Microsoft IT Academy" and "Oracle Workforce Development Program" for organizing training on Oracle, Java, .Net and Software Testing for students to enhance their knowledge in these areas,

VIIT | DEPARTMENT OF COMPUTER ENGINEERING

- prominently required by the IT industry.
- The department helps students to get internship and sponsored projects from reputed industries like Infosys, CDAC, Satyam, Zensar, Optra Systems, GSLab, Cybage, Persistent Systems Ltd.
- Department has established "Cyber Cell" and "Mozilla Firefox Club" which are unique initiatives implemented for the first time in SPPU.
- Department has established "Internet of Things (IoT) Research Lab" which is unique feature of VIIT, Pune.
- CSI student branch of the department organizes a National Level Conference (NCPCI) every year which includes paper presentation and publication on different domains in Computer Engineering Field.
- Some Final Year projects are also sponsored by research institutes

like Tata Institute of Fundamental Research (TIFR), Tech Mahindra, Walwalkar hospital and IUCAA.

Total capital investment of approximately Rs. 90 lakhs has been made in various Computer Engineering Laboratories.



Labs in Computer Engineering

DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

Dr. S. V. Kulkarni

Associate Professor and Head
Ph.D. (Electronics &
Telecommunications Engineering)

UG

Undergraduate program run by
the department: **B.Tech. (E&TC)**

PG

Postgraduate program run by
the department: **M.Tech.(Signal Processing)**

Ph.D.

University approved
research center

Highlights of the Department

- UG program got NBA accreditation in 2009 and got reaccredited for 3 years in 2015.
- The department has shown consistently good academic results with thirteen university rankers.
- The department has good placement record with many students pursuing higher education.
- The department takes special efforts in finding jobs for its students in core electronics

companies through "Off-Campus Placement Drive". Within last year fifty nine students have been placed through this drive.

- About 120 students received internship during last two years.
- ROBOCON, short form of Robotic Contest, is an interesting game cum intellectual exercise for budding engineers. VIIT, Pune is an active participant in this tech event.
- The department has highly qualified and experienced teaching faculty and staff.
- The department has faculty strength of forty two out

of which four are Ph.D. and twenty five faculty members are pursuing Ph.D.

- MoU is signed between VIIT and IIT Bombay for Virtual Lab Nodal Centre (VLNC), an initiative from Ministry of Human Resource Development under the National Mission on Education through ICT.
- Total funded research projects and consultancy work being carried out by faculty of this department is more than Rs.one crore and seventy three lakhs. These projects are funded by ISRO-SPPU Cell, Tata Institute of Fundamental Research

VIIT | DEPARTMENT OF ELECTRONICS & TELECOMMUNICATION ENGINEERING

- (TIFR), Rajiv Gandhi Science and Technology Commission (RGSTC), All India Council for Technical Education (AICTE), BCUD-SPPU and other agencies.
- Faculty members have published sixty plus research papers in reputed conferences and journals.
- Ten patents are filed and three copyrights are registered by faculty.
- The department has established following industry attached/sponsored/donated laboratories to train students on advanced topics;
 - a. The department is established nodal center for Texas Instruments -SPPU program
 - b. VIIT-NI LabVIEW Academy with National Instruments, USA.
 - c. Ifm Centre of Excellence with Ifm Electronic Private Limited (Subsidiary of IFM GmbH Germany).
 - d. SM Wireless Technology (Subsidiary of RFIC Design Solutions Inc, USA)
 - e. Solar Powered Green Laboratory funded by ISRO-SPPU, TIFR and VIIT

- VIIT has setup a CRESE (Centre for Robotics and Embedded Systems Lab for imparting global level Robotics and Embedded systems education to the students.
- IEEE student chapter along with IET chapter organize a National Level Conference for students every year.
- Guidance is provided for competitive examination- Graduate Aptitude Test in Engineering (GATE).

Total capital investment of approximately Rs. 4.12 crores has been made in various E&TC Laboratories.



Labs in E&TC Department



DEPARTMENT OF MECHANICAL ENGINEERING

Dr. A. P. Kulkarni,
Associate Professor and
Head Ph.D.
(Mechanical Engineering)

UG

Undergraduate program run by the department:
B.Tech.(Mechanical Engineering)

PG

Postgraduate program run by the department:
M.Tech.(Design)

Ph.D.

University approved
research center

Highlights of the Department

- UG program of the department has got NBA accreditation for 3 years in 2015.
- The department has highly qualified and experienced faculty. Three faculty members have completed their Ph.D. and nine faculty members are pursuing Ph.D.
- Faculty members have published more than hundred research papers in reputed journals and conferences.

- The department has well equipped laboratories with modern equipment and has state-of-the-art computing facility in CAD, CAM and CAE.
- Mechanical Engineering Student Association (MESA) is among the most active student bodies in the institute.
- MESA organizes National Level Student Conference every year.
- Society of Automotive Engineers, SAE-VIIT Chapter encourages the students to participate in various technical conventions and automotive competitions. SUPRA-VIIT team secured 6th position

in the designing phase for the SAE-SUPRA Virtual 2015. BAJA-VIIT team cleared Virtual in the year 2014. In addition, SAE-VIIT team (VR-25) ranked 47th among 110 teams which qualified for virtual round.

- Mr. Taher Ammar Rangwala stood first in Mechanical Engineering, SPPU examination (May 2012) and Overall Second in Bachelor of Engineering (BE) in SPPU examinations. He won the Gold Medal and seven other prizes.
- Mr. Chandrakant Tiwari and Mr. Pratik Vishwakarma got International Placement.

VIIT | DEPARTMENT OF MECHANICAL ENGINEERING

- Many graduating students secure admission for higher studies in reputed Universities in India as well as Abroad.
- Mr. Piyush Gorwadkar (2016 batch) secured 99.47 percentile in CAT and 327 out of 340 in GRE.
- Many reputed industries like Audi, Volkswagen, Tata Motors, Greaves Cotton, Sandvik offer internships to the UG and PG students.
- Guidance is provided for competitive examination- Graduate Aptitude Test in Engineering (GATE).

Total capital investment of approximately Rs. 1.48 crores has been made in various Mechanical Engineering Laboratories.



Labs in Mechanical Department

DEPARTMENT OF INFORMATION TECHNOLOGY

Dr. M. S. Karyakarte,
Professor and Head
Ph.D. (Computer Engineering)

Downloaded from collegekeeda.com

UG Undergraduate program run by the department:
B.Tech. (IT)

Highlights of the Department

- UG Program accredited by NBA for 3 years from Academic Year 2015-16
- Consistently good results with eight University Rankers till date
- Research grant of Rs.25 lacs in past 5 years
- Good placement record with average salary of Rs..3.3 lacs/ annum
- Highly Qualified faculty with one professor, two associate

professors and nine assistant professors. Two faculty members with Ph.D.

- CSI student branch organizes a National Level Conference (NCPCI) every year which includes Paper presentation and Project competition in IT domain
- MoUs with IBM, Microsoft IT Academy and Oracle Workforce Development Program for training on IBM Rational Suite, Oracle, Java, .Net and Software Testing for students to enhance their knowledge in these areas, prominently required by the IT industry

- Some of the UG projects are sponsored by Industries, Research institutes like TIFR, Mumbai and some social projects are from BKL Walavalkar hospital

DEPARTMENT OF ENGINEERING AND APPLIED SCIENCES

F.Y.B.Tech.

Dr. (Mrs.) V. A. Patil,
Assistant Professor and Head
Ph.D. (Solar cells),
Post-doctoral fellow (KIST, S.Korea)

Highlights of the Department

- Department has a counselor who helps the students solve their emotional and social problems.
- Extra efforts are taken by teachers for students from rural area and diverse background, who are weak in communication skills and soft skills.
- The head of the department along with the class representative, batch representative class

teacher, monitor academic activities to maintain disciplined environment conducive for learning.

- Extra lectures and tutorials are conducted for academically weak students.
- Extra efforts are taken by faculty and counselor for defaulter students.
- Counselors conduct motivational lectures to teach the students time management, stress management, etc

- Special activities like orientation towards engineering; placement in industry; additional inputs in subject; compulsory outdoor games; motivational, inspiring & scientific videos are shown to students during mentor break.
- A science club has been formed to provide a platform for the students to put forth novel ideas for science projects which are showcased in SciTech, a Science and Technology Exhibition held every year. As an innovative step, an outreach program is held in which science students of junior colleges within Pune are invited to attend the exhibition. Experts from industry are invited to interact with the students and identify students with potential. These students are mentored by the industry and small projects are assigned to them.

- Letters of Appreciation to performing teachers are given
- Letters of Appreciation to performing students (Toppers & Attendance) are given.

Total capital investment of approximately Rs. 29.03 lakhs has been made in various laboratories in Basic Sciences, Electrical Engineering and FPL Labs.

ACADEMIC FACILITIES

SYSTEM DEPARTMENT

Dr. S. R. Sakhare
Head, System Department
Ph.D.
(Computer Science & Engineering)

System Department facilitates central services like internet, network security, website maintenance, Enterprise Resource planning (ERP), antivirus support, online exam support and hardware maintenance support to run the institute smoothly.

Following facilities are available in the campus

- 5 IBM 4 Core high performance rack mounted servers and 1 HPC
- Microsoft Campus Agreement for operating Systems and Application Software
- Quick Heal End Point security antivirus software
- ERP System for all academic and administrative activities
- Internet Lab with 150machines with state of the art software and hardware
- Adequate internet connectivity from two Internet service providers (ISPs)
- Campus-wide Wi-Fi Facility is available
- Hardware Firewall for internet security
- Internet broadband leased line of bandwidth 50 Mbps is available in college campus
- Institute has thousand plus PC's of i5 and i7 configuration



WORKSHOP

Dr. A. P. Kulkarni,
Head, Workshop
Ph.D. (Mechanical)

Practical skills in manufacturing from different engineering work-trades like welding, fitting, smithy, plastic injection molding, carpentry, pattern making, machining etc., are conducted

Workshop at a Glance

in the workshop. All students of First Year Engineering (F.E.) and students from Mechanical stream, perform their practical sessions in workshop. It also provides "Advanced Machining Center (AMC)" facility for post-graduate as well as research scholars to carry out their research work. The Workshop has highly precise measuring

instruments, equipment and machinery like CNC lathe, cutting force dynamometer, surface roughness tester, digital microscope and many more. Technical staff is actively involved with the students in project work and various technical competitive events like, stroboscopic effect, Robocon, Perception, SUPRA CAR etc.



Conventional Lathe Machine



Arc Welding Practice



Milling Machine



CNC Lathe Machine



Fitting Practice



Drilling Practice



CENTRAL LIBRARY

Ms. S. M. Jamkar,
Librarian M.Lib. SET

The Central library is enriched with an excellent collection of latest text books, reference books, hand-books, journals, periodicals, proceedings CDs, etc. It consists of Reference Section, Journal Section, Reading Hall, Digital library section, Multimedia Facility, Stack-Room etc. Overnight issue, reading room service, photocopy service are also available. Book availability search in the library is fully computerized through SLIM system and can be done from any LAN connected PC on Campus. All library books and other resources are as per AICTE norms.



GENERAL FACILITIES

HOSTEL

At present hostels for girls and boys are available near the institute. Accommodation with hygienic canteen and all basic facilities are provided in these hostels. Accommodation is provided on "First come first served" basis. The hostel rector coordinates and controls the hostel activities. Students are expected to abide by the rules of the hostels.

MEDICAL FACILITY

On-campus medical facility is available for students.

CANTEEN & FOOD OUTLETS

Canteen provides snacks, beverages and lunch at affordable rates. Nescafe shop and fruit stalls are also situated within campus. Daily meals and breakfast facility is also made available at the campus by local vendor "M/s Sairaj Food".

TRAVEL CONCESSION

Railway, State Transport and Municipal Transport travel concessions can be availed by the students as per the norms. Students get 50% concession to go to their native place once every semester.

CAMPUS COMMUNICATION

This center provides facilities like photocopying, laser printing, binding, courier, mobile recharge and stationary materials etc.

BUS FACILITY

Regular PMPML bus service is available from Pune Station and Swargate Bus Stand to VIIT campus.

BANK

Suvarnayug Sahakari Bank Ltd, VIIT Extension Counter and ATM Centre as well as Oriental Bank of Commerce ATM Centre is available at our Kondhwa Campus.



Suvarnayug Bank ATM



OBC Bank ATM

SPECIAL FEATURES OF AUTONOMY

- Involvement of industry experts to modernize curricula with a higher standards to attain all the graduate attributes.
- Learner centric model: Differential learning facilitation Industry-based curriculum.
- Exposure to global education practices and State-of-the-art technology.
- Innovative teaching methods and use of modern tools such as ICT (MOOCS & e-learning).
- Mini-projects, Internships and Project-based learning.
- Value added courses for skill development and Inter-disciplinary courses to improve employability.
- More options for elective courses.
- Industry sponsored labs for giving exposure to state-of-the-art-technology to students (LABVIEW, nVIDIA, Mozilla, IOT Lab, PCERF etc.).
- Imbibing research culture through various tie-ups with TIFR, Tech Mahindra, BARC, DRDO Labs.
- Holistic personality development through large number of audit courses.
- Nation building through social activities such as NSS, CILLAGE etc.
- Freedom to promote healthy practice such as community service, extension activities, projects for the benefit of the society at large.
- Flexible, faster and transparent evaluation system.
- Open house & supplementary examinations.
- Auto-generated question paper through question bank to avoid subjectivity.
- Freedom to evolve methods of assessment of student performance, conduct of examinations and notification of results.

Externally funded R & D Projects and Consultancy Work

	No. of Faculty	Rupees in Lakhs	No. of Faculty	Rupees in Lakhs	No. of Faculty	Rupees in Lakhs
Projects funded by National Agencies	6	40.18	6	39.43	8	49.62
Projects funded by a State Agencies	19	43.79	20	41.77	20	42
Projects funded by Private Sector	15	7.12	2	28.20	6	27.63
	2014-15		2015-16		2016-17	

MEMORANDUMS OF UNDERSTANDING

MoUs with different Industries, research and educational Institutes have been signed to promote research culture and to offer value added training programs to improve technical skills of students.

Name of the Organization

- HSL Technologies Pvt. Ltd., Pune
- NI-LabVIEW Academy
- IFM Engineering Pvt. Ltd., Pune
- Vishay Components India Pvt. Ltd.
- Altair Engineering India Pvt. Ltd. Educational Software License Agreement
- IFS Academy, Pune
- Campus Connect Program, Infosys Technologies Limited, Bangalore
- ATS Infotech Pvt. Ltd. (VIIT became a member of Microsoft IT Academy)
- Oracle Workforce Development program ("WDP")
- Rotary Club of Pune, Mukundnagar
- M/s Agile Connects Pvt. Ltd
- Dhruva Automations & Controls Pvt. Ltd., Bhosari, Pune
- Tech Mahindra Ltd., Mumbai
- M/s DHI (India) Water & Environment Pvt. Ltd.
- Thapar University, Patilala
- Tata Intitute of Fundamental Research (TIFR), Mumbai
- Skills Factory Learning Pvt. Ltd.
- Shri Vithal Education and Research Institute's College of Engineering, Pandharpur
- Bhabha Atomic Research Centre (BARC), Mumbai
- Khushboo Charitable Trust, Pune

VIIT-TIFR COLLABORATION

The Institute has also established a tie-up with Tata Institute of Fundamental Research (TIFR), Mumbai to promote students to explore innovative ideas and encourage them for research. The number of BE and ME projects under the VIIT-TIFR collaboration has been steadily increasing. This collaboration has not only helped TIFR develop instrumentation and software for their experiments but has also given highly motivated students and graduates for their laboratories.

DEAN ACADEMICS

Dr. S.S. Chinchankar,
Ph.D. (Mechanical Engineering)

Dean Academics takes the responsibility of academic development of the institute. He monitors the progress of various teaching/learning processes and is responsible for staff development through training programs, industrial visits, seminars, conferences, workshops etc. He is also responsible to liaison with various institutes, universities etc.

DEAN PLANNING & DEVELOPMENT

Dr. M.S. Karyakarte,
Ph.D. (Computer Science & Engineering)

Dean Planning and Development has managerial, supervisory and evaluative responsibilities towards execution of strategic plan duly approved by the management.

Along with coordination of institutes long-range planning efforts he develops a strategic plan for institution's growth and image. He also plans and develops infrastructure facilities and supervises academic support areas of the institute to enhance results and placements.

DEAN ADMINISTRATION & REGISTRAR

Prof. N. P. Pathak,
M.Tech. (IT), Pursuing Ph.D.

Dean Administration is responsible for supervision and management of all administrative and operational functions. He interprets and enforces policies and regulations of the University, DTE, AICTE and other statutory bodies. He ensures integrity, accuracy and security of all academic records of current and former students. He redresses the complaints or grievances and facilitates healthy working relationships amongst faculty and administration in all academic and non-academic areas.

DEAN EXAMINATIONS

Dr. Rohini S. Bhalerao-Panajkar,
Ph.D. (Physics)

The Dean Examinations is solely responsible for the conduct of examinations and timely declarations of their results. The Dean is the Member-Secretary of the Board of Examinations and of the committees appointed by the board and is responsible for prompt and proper implementation of their decision. He is responsible for continuously bringing in examination reforms to evolve towards a rapid, reliable, flexible, transparent, accountable, technology enabled system of examination for effectively evaluating the learning outcomes.

DEAN QUALITY ASSURANCE

Dr. Shilpa.V. Patil,
Ph.D. (Civil Engineering)

Dean Quality Assurance acts as Management Representative for ISO activities and is responsible for restricting / revising of the QMS based on NBA and autonomy requirements, the NBA report and other preparations to assure quality in B.E. and M.E. projects and quality of Ph.D. work.

Dean Quality Assurance supersedes the efforts of overall quality improvement at institute level. H role is to plan and execute quality improvement programs and accreditations like NBA, NAAC etc.

DEAN RESEARCH & DEVELOPMENT

Dr. K. R. Patil,
Ph.D. (Computer Science & Engineering)

A Centre for Excellence in Research & Development (CERD) has been established at VIIT with a focus to promote research activities in the institute. Research facilities are provided to motivate faculty and students to take up R&D activities in engineering and basic sciences. This helps to increase the knowledge base of faculty leading to overall quality enhancement

of the teaching in the Institute. The center serves as a stepping-stone for the researchers. Eminent personalities from various fields are involved in the activity to maintain quality. The key focus is to promote research activities at institutional level and to develop new technologies in different fields for rapid deployment of real applications. Public and Private

sectors are being tapped for pitching on consultancy projects. Researchers are encouraged to take up the consultancy work. MoU has been signed with TIFR Mumbai to promote research.

ACADEMIC RIGOR FACULTY SUPPORT

The institute has well qualified, experienced, devoted and dedicated faculty members, assisted by a team of well-trained technical supporting staff. Faculty members are encouraged to undergo refresher courses, training programs, industrial training, quality Improvement programs in IITs, IISC & NITs. Many faculty members undertake Research and Development work. The teaching methods are continuously updated according to the needs of the students. This exercise is supported by feedback taken from the students.

A scheme of 'Batch Guardians' has been introduced to mentor a

group of 15-20 students. Faculty members, who work as Batch Guardians, help the students to solve problems, both academic and personal, faced by students within as well as outside the institute. This helps students keep a high morale and concentrate on their studies. This personal care is especially useful for the first year engineering students to make a smooth transition from the conventional school/junior college educational system to professional engineering environment. Efforts are taken to systematically guide the students for their career opportunities throughout the course.

QUALIFICATION

60% POSTGRADUATE

28% PURSUING Ph.D.

12% Ph.D. HOLDERS

VIIT ALUMNI ASSOCIATION

VISION

To be a vital companion in the Institute's success being an informed, engaged and active Alumni Community.

MISSION

- To advance the institute through programs that enhances the student experience
- To promote student-alumni interaction
- To cultivate relationships between students: past, present and future
- To develop alumni programs that raises fellowship among alumni and encourages physical, moral, and spiritual growth of the Institute and students
- To assist the Institute in the growth of its academic, administrative, cultural and extracurricular activities
- To conduct Alumni Meet every year in the month of December

- VIIT ALUMNI ASSOCIATION provides support to TIFR activity.
- Guest Lecture was conducted on "Journey of Campus Life to Corporate life" by Alumnus Mr. Abhinay Sarkate E&TC 2006.
- 8 computer students were given project sponsorship at PRGX Pvt. Ltd. through Alumnus, Mr. Ashay Dhavale.
- Off campus placement drive was conducted for Computer and IT students by WhiteSnow Ltd. through Alumnus Mr. Ruchir Sapre.
- "In-touch Social Media App" which is developed by Alumnus Mr. Akshay Nahar, is being used by all the departments for communicating with parents.

- Alumni was actively involved during NAAC visit.
- Purchased Alumni Data Management Software by Vaave Technologies, Bangalore for maintaining good communication among Alumni.
- Formed Alumni-Student Council for better communication between students and alumni.
- Donated 100+ text books and reference books to the Central Library.
- Financial assistance was given to two economically poor students.
- Successfully conducted 10th Alumni Meet.



ADMISSIONS

ADMISSION PROCEDURE

Admission for the first year engineering (FE) is as per the directives issued by State Common Entrance Test Cell of Government of Maharashtra. Latest information is available in the information brochure of State Common Entrance Test Cell on www.dte.org.in.

JOINING REPORT

It is compulsory for each student to attend classes from the very first day of each semester. He/She is required to register his/her joining through ERP system, within first week of the start of the session.

CANCELLATION OF ADMISSION AND REFUND OF FEES

Cancellation and refund of fees will be done as per rules and regulations (mentioned in State Common Entrance Test Cell of Government of Maharashtra applicable at the time of admission. No verbal or email communication in this regards shall be entertained.

STUDENT COMMUNICATION AND NOTICES

Notices regarding institute activities are regularly displayed on the institute notice boards and the website. Students are advised to see all the notices every day.

Each student shall be given an individual institute's e-mail address for formal communication. All notices will also be communicated through this e-mail address.

DISCIPLINE

Strict discipline is maintained on the campus. Rules related to discipline are:-

- Minimum of 75% attendance for lectures and practical sessions is mandatory for all students.
- Students are expected to behave properly.
- Students are always required to carry valid Identity card (duly signed by Authority) in the campus.
- Students are advised to maintain good rapport with classmates and staff.
- Attendance is compulsory on Independence Day (15th August) and Republic Day (26th January).
- Institute uniform is compulsory

on specified days, during University examinations, for internal tests and special functions.

- Smoking and consumption alcohol is strictly prohibited on the campus.
- Ragging is strictly prohibited in VIIT campus as well as in Hostels. "If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain about his/her involvement in Ragging and if his/her explanation is not found satisfactory, the authority would expel him from the institution."

PREVENTION AND PROHIBITION OF RAGGING

In view of the directions of the Honorable Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging, in exercise of the powers conferred under Section 23 read with Section 10 (b), (g), (p) and (g) of AICTE Act, 1987, the All India Council for Technical Education has notified regulation for prevention and prohibition of ragging in AICTE approved

technical Institutions vide No.37-3/ Legal/AICTE/2009 dated 01.07.2009 available on AICTE web-portal. <http://www.aicte-india.org/anti.htm> > download. All AICTE approved technical Institutions have to comply the provision made in the above regulation. Any violation of above AICTE regulation for prevention & prohibition of ragging, shall call for punitive action against erring Institutions as per provisions made in the above said Regulation.

STUDENT ACTIVITIES

Although academic rigor is important for every student, it is also necessary to develop skills and talent in through extra-curricular and co-curricular activities, for overall personality development of students.

CULTURAL ACTIVITIES

VIIT students participate regularly in cultural activities such as PurushottamKarandak, FirodiyaKarandak,Verve etc. Institute organizes social gathering “Gandharva” every year.

SPORTS ACTIVITIES

VIIT also encourages students to participate in various sports competitions. A full time Director of Physical Education is available to guide the students for sports. A spacious ground for outdoor sports events and well equipped facility for Indoor sports events is available.

CO-CURRICULAR ACTIVITIES

VIIT organizes national level technical event called “PERCEPTION” every year. Thousands of students from all the corners of nation participate in different technical events. Students are also encouraged to participate in technical events like Robocon, SUPRA etc.

SOCIAL ACTIVITIES

An active group of 250 student volunteers work under National Service Scheme (NSS). VIIT has adopted Jamgaon-Disli village where NSS volunteers render services in areas like education, solar energy for street lighting as well as construction of toilets and bio-gas plants for this village. Students are also involved in organizing blood donation camps, tree plantation, etc.

ENTREPRENEURSHIP DEVELOPMENT CELL (EDC)

Entrepreneurship Development Cell (EDC) is a student organization with over 300 members which mentors students interested in starting their own ventures as well as inculcates entrepreneurial and entrepreneurial skills in them. EDC annuallyorganizes “Vishwapreneur”, a unique and one of the largest state-level entrepreneurial conventions that give an opportunity to the students to have interaction with top notch industrialists from various sectors.

SCI-TECH AND OUTREACH PROGRAM

Science club has been formed to provide a platform for the students to put forth novel ideas for science projects which are show cased in a Science Exhibition held every year. As an innovative step, an outreach program is held in which junior college science students within Pune are invited to attend the exhibition.

NEWSLETTER/ MAGAZINE

Newsletters are periodically released by every department that highlights the achievements of the students and faculty members and showcase special activities conducted during the term like guest lectures, training sessions, etc. NSS and EDC also publish their own newsletters titled ‘Samarpan’ and ‘Expressionism’ respectively. VIIT students also publish a yearly magazine called ‘Lighthouse’.



COMPETITIVE EXAM GUIDANCE CLUB

Books and guidance is made available for competitive exams such as UPSC, MPSC etc.

SOFT SKILL & PERSONALITY DEVELOPMENT

- Many lectures by distinguished , seminars / workshops are arranged by various departments.
- Special coaching for improving English speaking is arranged for students.

VALUE EDUCATION CLUB

- Art of Living YES+ Program is conducted for first year students.
- Lectures on ethical values are organized during the entire year.

STUDENT ACHIEVEMENTS

ACADEMIC ACHIEVEMENTS: UNIVERSITY TOPPERS

Academic Year	Name of the Student	Year / Branch	University Rank
2013-14	Saabir Murtuza Zoher	T. E. (Mech.)	7th
	Pandey Anurag Bhara	T.E. (E&TC.)	7th
	Poorvi Milind Gowardhan	T.E. (E&TC.)	10th
	Deshmukh Saachivi Sunil kumar	T.E. (Elex.)	2nd
	Kanase Soniya Ashok	T.E. (Elex.)	9th
	Gandole AapurvaYogendra	B.E. (Elex.)	2nd
	Vanjari Ruchita Rajendra	B.E. (Elex.)	3rd
	Rajani Brinda Sushil	B.E. (Elex.)	6th
	Pooja Singh	S.E.(Comp)	1st
2014-15	Saabir Murtuza Zoher	B.E. (Mech)	1st
2015-16	Akshay Vikas Valvekar	B.E.(IT)	9th

CULTURAL ACHIEVEMENTS

- Won Bharat Karandak in 2011.
- Won Firodiya Karandak in 2011-12 with many individual prizes. Won overall third position and 12 individual prizes in 2013-14. Won 4 individual prizes in the year 2014-15.
- Won Suman Karandak in 2012-13 and 2014.
- Won overall 2nd position and Consolation prize in acting and writing – Firodiya Karandak 2015.
- Finalist in Purshottam karandak 2016-17 and Consolation prize in acting.
- Special Jury appreciation award in Firodiya Karandak 2017 and Overall 4th position.

SPORTS ACHIEVEMENTS

Event	Competition and Year	Place	Level
Hockey (Womens)	ZEST COEP – 2014-15	2nd	National
Handball	ZEST COEP – 2016-17	1st	National
Kabaddi(Women)	ZEST COEP – 2016-17	1st	National
Badminton (Mens)	Melange VIT 2013-14	1st	State
Carom (Mens)	Melange VIT 2013-14	1st	State
Carom (Team)	Melange VIT 2015-16	1st	State
Kabbadi (Mens)	Melange VIT 2015-16	4st	State
Boxing(Womens)	University Intercollegiate	1st	Zonal
Carom (Mens)	Tectonic SinhagadKarandak	2nd	Intercollegiat
Chess (Mens)	Tectonic SinhagadKarandak	1st	Intercollegiate
Carom (Mens)	Runbhumi - ISBM	2nd	Intercollegiate
Volleyball (Team)	VIM – Vishwakarma Institute	2nd	Intercollegiate
Carom (Team)	Gandharva16-VIIT	3rd	State
Cricket	Shivaji Cricket Trophy	1st	State

SOCIAL ACHIEVEMENTS

NSS Group Achievements at SPPU:

- Largest NSS Unit(250 students) in Engineering Colleges at SPPU
- Innovative Practices in NSS Activities - VIIT NSS Unit (Among 315 Units)
- Best Volunteer – Adrash Kedari (Among 40000 NSS volunteers)
- Innovative Programme officer – Dr. R. S. Acharya
- Received grant of Rs. 1 Lac from Savitribai Phule Pune University

NSS-VIIT will deploy project models like Solar Dryer, Water Purification and Soil Testing at 'Jamgaon Disli' under the MoU signed with BARC for "Cillage".

Tree plantation was carried out in association with Tata Motors and Grampanchayat in the adopted village 'Jamgaon Disli'. VIIT adopted three girls from this village for their engineering education at VIIT.

TRAINING AND PLACEMENT CELL

Mrs. S. V. Dravid
Training & Placement Coordinator
Assistant Professor, Mechanical
Engineering Department M.E. (Met.)

Training and Placement Cell is established to supplement academics by imparting training to develop employability skills of students. T&P Cell of VIIT works in collaboration with T&P cell of VIIT.

Eminent industry experts are invited to VIIT for guest lectures. In the last nine years our students have received more than 2,132 offers from 245 different companies.

PLACEMENT FIGURES

Branch / Academic Year	2014-15	2015-16	2016-17
E&TC Engineering	63	73	61
Computer Engineering	99	102	92
Information Technology	22	29	27
Electronics Engineering	18	03	00
Mechanical Engineering	44	40	17
Civil Engineering	06	16	04
M.E. Computer Engineering	04	04	01
M.E. E&TC Engineering	05	06	00
TOTAL	261	273	202

STAR PLACEMENTS

- Mr. Sanket Gosavi, BE (Computer) 2012 batch, got placed in the Japanese Company Works Application Co. Ltd. (Japan) with Annual Package of Rs. 35 lakhs.
- Ms. Latika Juriasinghani, BE (IT) 2013 batch, got placed in Barclays Technology Centre (I) Pvt. Ltd. with annual package of Rs. 7.20 lakhs.
- Mr. Devesh Sharma, BE (Electronics) and Mr. Dhawal Priyadarshi BE (Computer) 2014 batch, got placed in Musigma

- Business Solutions Pvt. Ltd. with annual package of Rs. 4.50 lakhs.
- Mr. Saabir Murtuza from BE(Mechanical) 2015 batch, got placed in Indian Navy with annual package of Rs. 10.24 lakhs.
- Mr. Pratik Vishwakarma BE (Mechanical) and Mr. Abhishek Sengupta BE (E&TC) 2016 batch got placed in WIKA Instruments (Germany) with annual package of Rs. 27 lakhs.
- Mr. Harsh Kasyap BE (Computer) 2016 batch got placed in Diebold Systems Pvt. Ltd. with annual

- package of Rs. 9.00 lakhs.
- Mr. Chandrakant Tiwari BE (Mechanical) 2016 batch got placed in Kwuntong Apparels Ltd. (Dhaka, Bangladesh) with annual package of Rs. 5.65 lakhs.
- Mr. Gautam Shlvaksh BE (E&TC) 2016 batch got placed in Indian Navy with annual package of Rs. 11.41 lakhs.
- Ms. Prajwala Srivatsa BE (Computer) 2017 batch got placed in HSBC Software Development (I) Pvt. Ltd. with annual package of Rs. 15.00 lakhs.

OUR STAR RECRUITERS

