Bharatiya Vidya Bhavan's

SARDAR PATEL INSTITUTE OF TECHNOLOGY

(Autonomous)

2017 - 18

- Kulpati Dr. K. M. Munshi

"Education would fail ignominiously in its objective, if it manufactures only a robot . . . . A university cannot afford to ignore the cultural aspects of education whatever studies it specializes in. Science is a means, not an end. Whereas culture is an end in itself. Even though you may ultimately become a scientist, a doctor, or an engineer, you must while in college, absorb fundamental values which will make you a man of culture. An engineer has not merely to build bridges; he has to be a devoted husband, a kind father, a friendly neighbor, a dutiful citizen, and a man true to himself. He will have trials and tribulations; his heart will fail him at times; he will then need the strength which true culture alone can give."

VISION

Keeping in view the growing and changing needs of Industry and society, we at S.P.I.T. are committed to creating an environment which will raise the intellectual and moral standards of our students. Our endeavor is to strive for the overall development of students, thereby enabling them to accept challenges. In tune with this our vision is :

" To build a renowned institute which will produce world class graduate engineers with social sensitivity."

OUR MISSION

- Provide high quality education in engineering and technology promoting the Indian Values and Ethos that will prepare the participants to lead lives of personal integrity and civic responsibility in a global society .
- Promote an Educational Environment that combines academic study with the excitement of intellectual curiosity for engineers of tomorrow.
- Enhance career opportunities for students through Industry-Institute interaction, value-added courses and projects in cutting edge technology.
- Inculcate Entrepreneurial mindset in students to make them job creators.
- Focus on applied research to create next generation technologies.

From the Principal's Desk

We at Sardar Patel Institute of Technology pride ourselves on being a constituent of Bharatiya Vidya Bhavan, a charitable trust of national eminence offering services in the field of education with Indian cultural ethos for more than seven decades. The effort to impart value based education to all is top most in the minds of every Bhavanite.

Engineers and technologists form the backbone of any nation's economic development. With globalisation, the competition in all walks of life has just become steeper. In this context, as a responsible academic institute we are striving to propagate the right kind of academic environment at the same time caring for human sensitivity.

With the support of qualified, dedicated and hardworking faculty and staff, the institute has achieved enviable regional ranking.

Recognising our efforts we have been granted Academic Autonomy by University of mumbai from 2017-18 we are sure that with this , Sardar Patel Institute of Technology will continue its march ahead to transform itself from a promising regional institute to a cutting-edge centre of excellence of international repute with motivated faculty and students.

A uniqu initiative that S.P.I.T. has started is in the area of Entrepreneurship. We have a Technological Incubation Centre which is recognised and supported by Department of Science and Technology, Government of India. Here we support Technology based startups by young entrepreners. The centre ,known as Sardar Patel Business Incubator (SP-TBI) is full of life and is buzing with ideas.

We are currently running four UG enginnering programs , two PG engineering programms and one masters in computer application program. We have been sanctioned four research centres by University of Mumbai to run Ph.D. Programs in Technology. With these centers with about 30 plus Ph.D scholars we hope to strengthen our research and Developmen activities.

One vital initiative that will begin from this year is towards skilling our Engineers by adding a large number of skill based courses as part of our curricula. We are sure that these courses will bridge the gap between academics and Industry requirements and will raise S.P.I.T. student's employability index to highest level. We have been very contiously working toward making our placement diverse and hence slight down turn of any particular sector does not affect placement opportunities for our students.

Welcome to this unique family as a valuable stakeholder. With academic autonomy in place , we look forward to your valuable association with us for a better tomorrow.

We believe that four years of engineering education at Sardar Patel Institute of Technology will not only earn students a degree but will transform their personality, empowering them to become world citizens.

Dr. Prachi Gharpure
Principal
Sardar Patel Institute of Technology

> This is reflected in our last three academic year results of First Year Engineering which have been rated as the highest in Mumbai University and all round achievements of our students and faculty.

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Sardar Patel Institute of Technology - At a Glance

In 1957, the Bharatiya Vidya Bhavan conceived the idea of establishing an engineering college in Mumbai. Sardar Patel College of Engineering was inaugurated on 19th August 1962.

In 1995 self - financed engineering courses were added to it and it functioned as SPCE (Unaided-wing) conducting Electronics Engineering, Computer Engineering and Information Technology Courses and Masters course in Electronics from 2005 to 2008. These courses have earned a great reputation in the field of engineering education, as well as industry. Bharatiya Vidya Bhavan's Sardar Patel College of Engineering, Unaided Wing was established in its new building under the name and style of Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology since 2005 and is affiliated to Mumbai University.

Since its inception Sardar Patel Institute of Technology has steadily progressed quantitatively and qualitatively.

A new milestone was achieved this year when University of Mumbai granted academic autonomy to Sardar Patel Institute of Technology.

The institute is located in 47 acres of green campus at Andheri (W), the most populous suburb of Mumbai. The campus also houses four Bhavan's Institutions of great repute namely Bhavan's College (the arts, commerce and science college), Sardar Patel College of Engineering, (Government aided Engineering college) S.P. Jain Institute of Management & Research and A. H. Wadia, higher secondary school.

S.P.I.T has formed all statutory committees like Anti Ragging Committee and Women Development Cell and Grievance Committee.

Courses Offered

Degree awarded	Course Name	Duration	Intake
B.E.	Electronics Engineering (Autonomous)	4 Years	60
B.E.	Computer Engineering (Autonomous)	4 Years	60
B.E.	Information Technology (Autonomous)	4 Years	60
B.E.	Electronics and Telecommunication Engineering (Autonomous)	4 Years	60
MCA	Master of Computer Applications (Autonomous)	3 Years	60
M.E.	Electronics and Telecommunication Engineering (Autonomous)	2 Years	18
M.E.	Computer Engineering (Autonomous)	2 Years	18
Ph.D.	Electronics and Telecommunication Engineering	3 Years	10
Ph.D.	Computer Engineering	3 Years	20
Ph.D.	Master of Computer Application	3 Years	05
Ph.D.	Electronics Engineering	3 Years	10

Resources

The institute believes that to achieve world class standards of excellence in the field of engineering education in India and further, to act as a catalyst in supporting research and development in the industry, and thus contribute to the scientific and economic progress of the country, it must pay a great deal of attention to the resources provided to the students.

Central Library

The Central Library at S.P.I.T. has more than 20,000 print books and around 8000 e-books. It is subscribing to 57 National and 215 International Periodicals along with several on-line Courses and Journals. The library is subscribing to IEEE ASPP (IEEE All Society Periodicals Package) and ACM Digital Library. Internet connectivity is available through a network in the Library. Library is Wi-Fi enabled also.

We are Institutional members of British Council Library (BCL), Mumbai.

Our Library has NPTEL online lectures by eminent personalities of various IITs, and these are made available to users. An On-line Public Access Catalogue (OPAC) is available on Intranet for searching library books, number of copies and other details. We have purchased E-books with multi user IP based 24X7 access with no limit on the number of downloads.

The Library has institutional repository in Dspace Open Source Software which includes Student and staff publications, Syllabus, Project Reports, Institute Magazine etc

The Library provides Book Bank facility to economically backward students and to three top ranking students of all branches Engineering and MCA as well. The library also provides 20% Book Bank facility in which on payment of 20% of the cost of the book, it can be issued for a period of one year/till the end of session

SPIT Library is open to other academic users for reference.

Central Computing Facilities

The Central computing facility is open for all students. Each department has its own specialized laboratories for software development activities in various disciplines. 'Business India' a weekly magazine made a special mention of our state-of-the art Linux lab. The total number of nodes in the college is 600+ and is still growing, with Internet connectivity for every node.

> Innovation distinguishes between a leader and a follower.
>
> - Steve Jobs

Campus Infrastructure

The Bharatiya Vidya Bhavan's campus houses an auditorium, an open-air amphitheater, a botanical garden, a nature park and huge grounds for sports – providing ideal venues for a myriad range of cultural, sports and extra-mural activities.

Department of Electronics Engineering

Established in 1995, SPIT's Electronics Engineering Department's vision is to create professionally competent engineers, researchers and entrepreneurs in the field of Electronics Engineering for the benefit of society. To achieve this vision, the mission established by the department is to impart quality engineering education according to the industry needs, to motivate students to undertake research on next generation technologies and to create an environment that shall foster growth of professionals capable of effectively using scientific and technical knowledge for the betterment of mankind.

HIGHLIGHTS

The department has an excellent team of experienced, qualified faculty and non-teaching staff. The laboratories are well-equipped with industry grade tools like LabView, Mentor Graphics, Tanner Tool, Visual TCAD and Active HDL. They also boast of advanced hardware and demonstration setups like NI-ELVIS, PLC, Robot Models and Micro-controller/FPGA/CPLD prototype boards to work on top-notch projects in various fields of Electronics Engineering.

The department has highly qualified and professionally skilled faculty members. The faculty regularly conducts training programs for teachers and students inthe areas of computer communication networks, UNIX/Linux administration, embedded systems, real-time DSP applications, VLSI design, RTOS, PLC programming and Virtual Instrumentation. They are rigorously involved in various R&D activities.

The graduates of the department have been recruited by electronics companies, communications and networking companies, and in technology-driven fields such as financial services and consulting practices.Companies like Sony Ericsson India Ltd, CISCO, Microsoft, IBM, Deloitte, L&T, Cognizant have recruited students from the department.

The faculty members and students are involved in organizations like the IEEE, IETE and college body ESA.Projects done by department students are appreciated at various national level competitions and exhibitions like Elekrama, Robocon, Texas Instruments and Innovation and Entrepreneurship Development Centre (IEDC).Every year some projects from the Electronics department are sponsored by IEDC which is funded by Department of Science and Technology (DST).

The department has signed MoU with several companies like Cogenda, Tata Consultancy Services, Infosys etc. and reputed institutes like IIT Bombay to train and significantly improve technical knowledge and skills of students. Department also encourages entrepreneurship cell activities for students to learn fundamentals of business to build their own startups. Faculties of the department are also involved with IEDC, NEN, Incubation Centre and E-Cell activities.

STUDENT COMMITTEES AND DEVELOPMENT INITIATIVES

Center for Research in Neuromorphic Engineering (CRINE): Center for Research In Neuromorphic Engineering (CRINE) is one of the latest additions to the Electronics Department. Sardar Patel Institute of Technology is not only one of the stakeholders in CRINE along with other top institutes like VJTI and CRCE, Bandra but also the coordinating institute of all. As the name suggests, the main objective of CRINE is to promote research in neuromorphic engineering. CRINE also focuses on enhancing industry-institute interaction.

Skill Development Program (SDP): The Skill Development Program was initiated in 2013. It aims to acquire value-added skills and make students ready for their future prospects. Faculty members across the departments help in inculcating these skills in students. The benefits of SDP program are: enhanced focus of student towards his/her career, increased interaction with teachers, engagement in laboratory experimentation/utilization, developments of soft skills, communication skills, presentation skills, modern technology skills and increasing corporate-readiness for placements and research. This program motivates students to think about invention or innovation in electronics engineering.

Electronics Students Association (ESA): Founded in 2007, Electronics Students Association or ESA is a student-run association formed to help the students familiarize themselves with the working of the entire department in college. ESA acts as a link between the students and the professors of the branch.

Electroworks: Electroworks, first held in the year 2008, is a bi-annual exhibition cum competition held by the institute. It is a one of a kind event where students are given a platform to showcase their technical skills by participating and displaying their projects.

ROBOCON: SPIT has a passionate robotics culture. The robotics team from the college has been doing exceedingly well consistently over the past years. Robocon, a portmanteau for Robotics Contest, is an intellectual exercise for engineers determined to innovate and create machines for completing various tasks.

Department of Computer Engineering

Established in 1995, the department of Computer Engineering is committed to creating an environment that is ideal for the overall growth of aspiring computer engineers. The department focuses mainly on research and industry interaction, thus helping the students gain invaluable experience in both aspects.

HIGHLIGHTS

The department faculty is highly involved in research, having published 65 research papers till date in 40 international conferences and nine international journals. The department also conducts certified value-added courses on a regular basis with some of the past courses being based on technologies like. NET, Ruby on Rails, Neural Networks and Fuzzy Logic, Human Computer Interaction.

STUDENT COMMITTEES AND DEVELOPMENT INITIATIVES

Industry Institute Interaction Cell (Since January 2014)

In keeping up with its motto of achieving excellent industry interaction for its students, the department has set up an Industry Institute Interaction Cell (IIC). It also receives a yearly research grant from Department of Science and Technology (DST), Government of India, New Delhi and from the University of Mumbai to support innovative projects. The companies that have signed MoUs with IIC-cell are Vucentric Technologies, NetDoers Technologies, Bizdom Learning Technologies Pvt. Ltd., NetTech India, Last-Bench Applied Education Pvt. Ltd., Blubares Foundation, and Gameeon Infotech Pvt. Ltd.

Forum for Aspiring Computer Engineers

The department also encourages various extra-curricular and co-curricular activities in the form of student clubs and organizations that it presides over. Forum for Aspiring Computer Engineers (FACE) is the departmental student body responsible for conducting a variety of workshops ranging from web development to graphic design.

PI Club:

The department also nurtures the technical forum PI Club which conducts seminars and workshops on a wide range of technical topics on a regular basis.

The department has a strong alumni connection with most of the students who have now settled overseas after their Masters. It also distinguishes itself by virtue of its exceptional placement records. A few students from the department have also taken the path of entrepreneurship with ventures like CollegeShack and Annanymous- a site featured in the top 30 of NEN's startups list, Lastbench Applied Education Pvt. Ltd.

Computer Society of India (CSI) (since 2009)

The CSI committee in our institute is a part of a larger national body that has student chapters throughout colleges in the country. CSI has received the best student chapter award for the last three years.

Department of Information Technology

B.E. (IT) Program at Sardar Patel Institute of Technology was established in the year 1998 with the pioneering efforts of S.P.I.T. faculty. Since its establishment, the Department of Information Technology has been imparting quality education to Under Graduate students by reviewing its curricula from time to time and implementing effective methodologies, modernizing its laboratories with state-of-the-art computing facilities. The department has well experienced and qualified teaching faculty and supporting staff. The teaching faculty is active in doing research and publishing papers in reputed journals and conference. The department promotes active Industry–Institute collaboration by identifying areas of interest and carrying out sponsored research projects and consultancy activities. The Department has been emphasizing on Research and Development (R&D) in various areas of engineering through R&D projects funded by the college or external agencies like DST, IEDC, CSI, University of Mumbai etc.

The development of high quality scientific and technology manpower with a broad grasp of the fundamental principles of science and the scientific methods, innovative ability to solve new problems, and the capacity to learn persistently and interact with multi-disciplinary groups is our primary goal. Above all, students should develop the ability for free and objective inquiry, courage and integrity, awareness and sensitivity to the needs and aspirations of the society. The program is intended to impart knowledge, strengthen concepts and intellectual skills through course work, seminars and project work and thus cater to the needs of Industry, R & D organizations and educational institutions.

HIGHLIGHTS

- Encouragement to students from the very beginning to maintain a professional and responsible attitude towards their work
- Students provided with a capstone experience that gives them a chance to apply their skills and knowledge to solve a challenging problem using projects
- IT graduates kept up to date with modern developments
- Life-long learning environment provided to students
- Internship opportunities to students from corporate like Barclays, Credit Suisse, L&T Infotech, TCS, etc.
- Internship opportunities too students from start-ups incubated by on-campus TBI cell

HIGHLIGHTS

- 100% placement
- High quality training programs conducted by industry in DLink, NVidia, BI Tool- Cognos, BigData, IPR, Storage Management and Software Testing were attended by our faculty and the knowledge shared among colleagues.
- Guest lecturers conducted by Industry Experts on Data Mining and visualization, Big Data Analytics, Hadoop, .Net, Search Engine Optimization etc..
- Strong Free Open Source Software group working on android programming, gaming and middleware.

STUDENT COMMITTEES & DEVELOPMENT INITIATIVES

Information Technology Student's Association (ITSA)

The student committee of the department provides an ideal platform to learn new technologies, promote rational thinking and broaden students' horizons as engineers. ITSA has been organizing interactive technical and non-technical activities by conducting sessions on new and emerging technologies, organizing competitions. These strives students to inculcate better technical leadership skills and encourage them to think outside the box and embark on the road less travelled. Various Technical Workshops like Android Programming, Python, PHP, Github, HTML CSS, Photoshop, Competitive programming were conducted by the students of Information Technology. A workshop was conducted by Mr. Mangesh Patankar (Technical Specialist at IBM India Pvt) for students to understand the cloud based service of IBM Bluemix. The ITSA Hackathon was organised as a part of SPIT's technical festival, MATRIX. Students from colleges all over Mumbai had participated. The ITSA Hackathon was an overnight event where students were supposed to present a unique solution to the given set of problems. The specific fields offered were Internet of Things, Blockchain and OCR. The problem statements were modeled on these fields.

Private Cloud Implementation

A high performance private cloud has been setup for conducting laboratory and research work.

CUDA Lab Setup

In association with NVIDIA the department has setup CUDA (Compute Unified Device Architecture) Laboratory which is NVIDIA's parallel computing architecture. The lab is setup for the final year student s to carry out their project work.

Certifications

The department encourages students to appear for the certifications in the area of programming, Network Security and Networking.

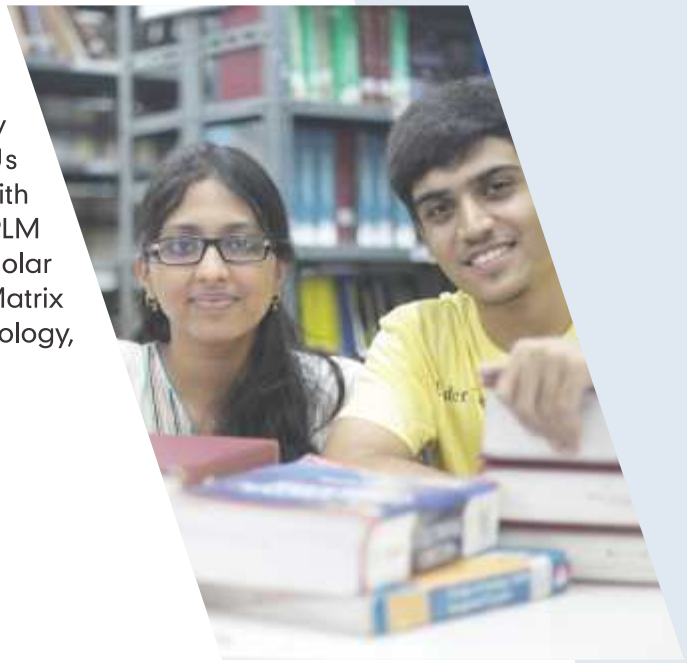
Department of Electronics & Telecommunication Engineering

The Electronics and Telecommunications (EXTC) stream of S.P.I.T. was launched with undergraduate degree BE in 2006 with a dream to impart a broad liberal education as well as a strong foundation in electronics, communications, computing, engineering sciences, in general and in areas such as Mobile Communications, Wireless Networks, Communication Networks & Network Security, Antennas, VLSI design, RADAR, Satellite Communication, Embedded Systems and Open Source tools, in particular. Looking at the department having intellectual expertise and skills in various technical areas and fields and to envisage the growth and the potential, the Masters Degree Programme was launched in the year 2010 with an intake of eighteen students. The consistent endeavor for striving Research and Development emerges with the introduction of PhD Programme in the year 2012 with an initial intake of ten students.

HIGHLIGHTS

Leveraging the Technical:

In order to deliver the technical expertise that this department promises, various value added courses and certification courses are made available. These modules are well supported with state-of-art laboratory facilities. In addition to these courses, MoUs (Memorandum of Undertaking) have been signed with reputed companies and departments such as 3DPLM Software Solutions Limited, Geometric Limited, Gadhia Solar Energy Systems Pvt. Ltd., Ericsson India Pvt. Ltd., Secure Matrix India Pvt. Ltd., Visvesvaraya National Institute of Technology, IBM India Ltd., Infosys and Tata Consultancy Services Ltd.



FACULTY

Apart from its prestigious courses, the EXTC department boasts of an entourage of highly skilled professors whose aim is to lay the foundation bricks for their students' futures. Either at or en route to Ph.D./M.E/M.Tech, the teachers believe in constantly updating themselves with modern techniques and concepts which benefits students significantly and gives them an edge over others in the professional arena. At the same time, supporting research and development activities, the research work gets published in reputed international journals like IEEE, ACM, IET, AIT, to name a few.They lay stress on the understanding of the concept as well as real world applications which help the students to relate their syllabus and its practical uses.

STUDENT COMMITTEES & DEVELOPMENT INITIATIVES

Forum of Electronics and Telecommunications Students (FETS)

Each department is home to its own dedicated student body apart from the national/international college bodies like IEEE, IETE which keeps them equipped with the knowledge of their field. In EXTC, the Forum of Electronics and Telecommunication Students (FETS) ensure that students are completely professional and corporate-ready. Other than providing a chance to interact with the seniors, this committee also held various seminars and workshops which offer important certifications like the LINUX workshop which was certified by IIT Bombay. Also, in order to familiarize the juniors with new equipment and software, FETS organizes mini workshops like the CRO/DSO, Latex, Communication Network Design, Ethical Hacking, etc.

Department of Applied Sciences & Humanities

The Applied Sciences & Humanities Department (ASH) equips first-year students with fundamentals in applied sciences, basic engineering and subjects in the domain of humanities. It orients students to the needs and demands of the engineering course and helps them adjust to the hectic schedule by creating a student-friendly and conducive atmosphere.

HIGHLIGHTS

It boasts of a highly motivated and experienced team of faculty members and laboratories equipped with state-of-the art equipment. The department is also active in various committees that monitor students' welfare and personality development. It has the enviable reputation for being ranked as one of the highest-scoring departments in the university in terms of passing percentage among first-year students. The basic orientation provided by the ASH Department goes a long way in ensuring that students adapt well to the rigorous regimen of the engineering syllabus.

Dream is not the thing you see in sleep but is that thing that doesn't let you sleep.

- A.P.J. Abdul Kalam, Wings of Fire: An Autobiography

Training & Placement Cell

We, at S.P.I.T., strive hard to empower our students with best of knowledge, skills and avenues to exploit their potential to the fullest.

We provide information, advice, career-guidance and job seeking support for students at the T&P office. This liberates students from the fear of job search after education and enables them to pursue knowledge and skills through creativity and innovation, further pushing their potentials to their limit.

With this goal in mind the T&P office undertakes the following activities:

- Arrangement for internships and industrial visits to help students get industry projects; Introduction of deferred placement to encourage entrepreneurship on the lines of IIT. Sessions are organized by industry experts and startups to help students to interact with different profile companies which help them guide towards starting their own ventures .
- Promotes career counseling through guidance lectures by senior corporate executives; Arranges training programs by professional trainers to prepare students for competitive exams like GATE, GRE, GMAT, CAT, CET and TOEFL; and for aptitude as well as personality development.
- Awards and recognition by companies such as TCS , Cognizant , Citius Tech , Credit Suisse, and few startups to encourage students and motivate them for their Innovative ideas , projects and activities .
- Industry – Academia Linkages; As a step towards this vision, S.P.I.T. shares a symbiotic relation with major recruiters like Microsoft, NVIDIA, MorganStanley, CreditSuisse, Barclays, Diebold, JP Morgan Chase, MuSigma, SAP, Mitsubishi, Cognizant, TCS, IBM, and many more.

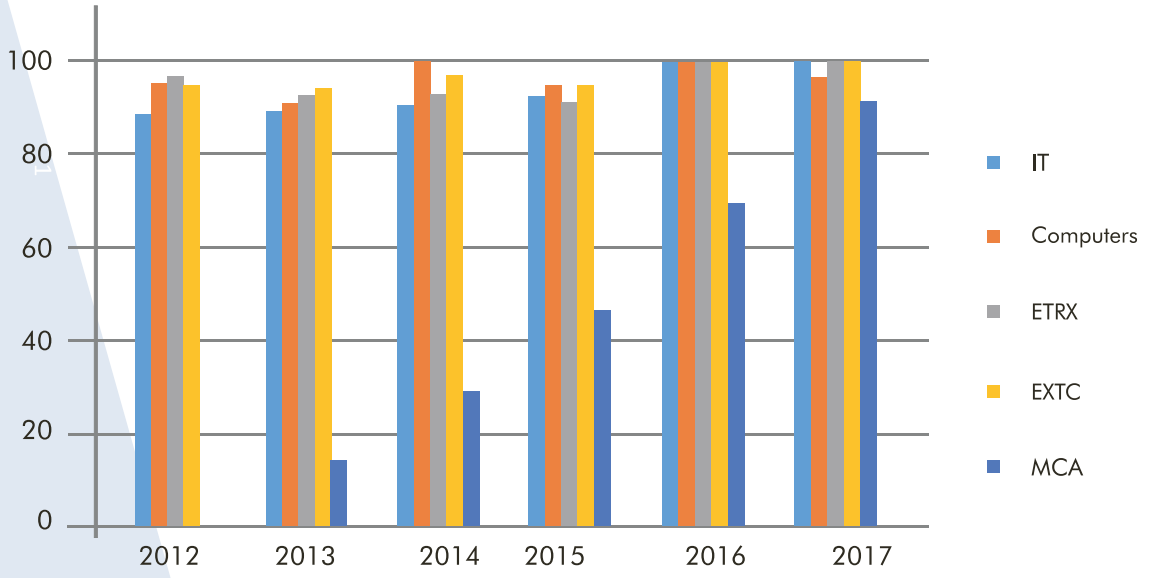
Placements

Pre – Recruitment Training

We train our students to fit the corporate world requirements – both in terms of moral fiber and knowledge. One of the main responsibilities delegated to the T & P Office is to motivate and prepare students for the interviews and prospective workplaces. Careful and systematic preparation is initiated and sustained for this purpose.

As a result of highly focused and continuous efforts of T & P Cell, every year all eligible students are placed. Many students also fetch multiple placements. This year 171 students received offers in super dream and dream companies and salary offered on an average is around Rs. 6.5lakh per annum.

Placements (Last 6 years)



Few of Our Recruiters

Morgan Stanley, Microsoft, Credit Suisse, Deloitte., Diebold, SAP, JPMorganChase, Barclays, Nomura, Directi, media.net, Siemens, Indus Valley Partners, BNP Paribas, Mu Sigma, Oracle, bookmyshow, amdocs, CitiusTech, ISS, CouponDunia, KPMG, Larsen & Toubro, L&T Infotech, kotak, Interactive Brokers, Dolat Capital, Equifax, Justdial, Cognizant, accenture, Infosys, NSE

We take extreme pleasure in being associated with SPIT. Students from SPIT have been very analytical and creative in providing business solutions here at IVP. We anticipate your extended service for fulfilling our manpower requirements in a long run.

-Indus Valley Partners

Our organization has been associated with SPIT graduates for two years now and it has been a more than satisfactory experience. We have been very impressed with the calibre of the candidates and we are quite keen to continue the relationship. The campus process was conducted with a good infrastructural support and strong administration and dedicated placement team. This helped us run the entire process efficiently and effectively. The students exhibited discipline and were receptive in the entire process. We enjoyed interacting with them. The Students are industry ready and well trained in technical skills. Soft Skills and Etiquette of the students is very good. Campus to Corporate transition is easy for students from SPIT. They are great team players. Their ability and adaptability to learn different technologies and skills, continuously improve and contribute to business has been very impressive. Within a year they have become integral part of our global software product development team. Their value addition to the organization has been immense.

- ISS | Institutional Shareholder Services

The students are technically sound and possess good logical skills. They are good at articulating their thoughts and ideas.

- Quantiphi Analytics Solutions Pvt. Ltd.

SP-TBI
Sardar Patel Technology Business Incubator

Bharatiya Vidya Bhavan's Sardar Patel Institute of Technology (SPIT) launched Sardar Patel Technology Business Incubator (SP-TBI) with a mission to promote innovation & entrepreneurship by converting technology ideas and innovations into products. SP-TBI is a not-for-profit trust & affiliated to Department of Science & Technology, Govt. of India. Since its inception i.e. January 2016, SP-TBI has incubated 18 startups and is now scaling up activities to support startups through affordable co-working space, incubation support, and development programs which will be accessible to all. These startups in the future are expected to create employment for over 500 professionals and add wealth of approximately 100 Cr in the economy. To achieve its objective, SP-TBI is creating a holistic ecosystem of mentors, resource providers, and partner organizations.

The incubation center nurtures startups supporting core–tech & tech-enabled programs in health, agriculture, education, etc as well as social enterprise and women in technology.

Our infrastructure consists of:

1. Office Space: AC rooms with furniture, Telecomm facility and Internet with special rates.
2. Shared Resources: Conference Room, Meeting Room, Labs, Library, Printer and Copier, Scanner, Teleconferencing facilities.

SP-TBI runs sector specific incubation programs for early stage technology startups. The program is designed to support entrepreneurs with business mentorship, technology mentorship, sales and marketing strategy lessons, funding strategy, investor meetings, co-working and much more. Our intense program progresses with a tight engagement with entrepreneurs and lasts for three months or more. Resources are then allocated after performance monitoring.In continuation of its approach of building a holistic incubation ecosystem, SPTBI has initiated partnerships with technology conglomerates like SICOM, Amazon, IBM and Microsoft to create pool of resources for technology start-ups.

SP-TBI provides services such as:

1. Intern placement
2. Co-founder match
3. Pitching sessions
4. HR services
5. Legal & Accounting

Students' Activities & Events

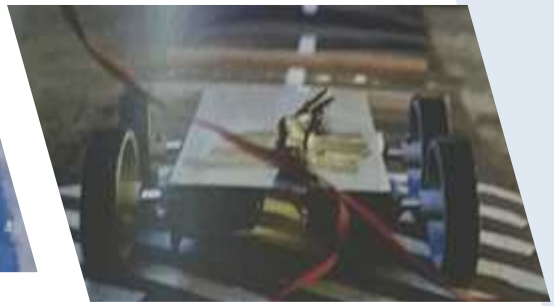
The Institute offers not only an excellent curriculum but also a myriad range of co-curricular activities and extra-curricular activities that provide opportunities to gain extra-syllabi knowledge and develop an all-round personality.

These activities take the form of Technical workshops, TED talks, Literary and performing arts, placement workshops, skill development programs, evening quiz programs, programs in soft skills, guest lectures, entrepreneurial skill programs, seminar conducted by seniors for their juniors.

UDAAN, the Institute's cultural youth festival, was an exhilarating ride, reaching new milestones of skill, grandeur, and perfection. SPIRIT, the inter-collegiate sports meet proved to be outreached and welcomed a lot of participants from across Mumbai.

The institute encourages participation by students in prestigious inter-collegiate events and many of our students have done us proud by bringing in laurels for their achievements.

The institute is well placed for providing infrastructure for entrepreneurial activities and building a strong culture of innovation through mini-projects with external assistance from alumni and industry.



Our faculty provides us with tremendous help be it for publishing papers, annual magazines and ideas for various competitions. Research orientation is further promoted by special industry-institute interaction initiatives that provide exposure to real-time industry needs and applications.

Our students' and faculty's initiatives and efforts are duly recognised and rewarded by industry that has instituted special prizes for the "Best Student", "Best Project", "Best innovative Idea", "Aspiring Entrepreneur" as well as "Best Faculty" award.

Informal Clubs and Associations

Shutterworks

Shutterworks is an informal club that aims to promote the photography culture in the college. The basic idea behind this is to get a group of photography fanatics together, who exchange their knowledge about photography and enhance their skills. Towards this aim, various events and workshops are organized throughout the year. Photowalks across the entire city are scheduled for students once a fortnight where students travel around the city and click fascinating photographs of anything and everything they find beautiful. Shutterworks also covers all major events that take place in the college, like SPACE (the institute's youth festival) and the Prize Distribution function. With Shutterworks, students explore new horizons and are able to expand their visions, discovering new things about themselves constantly.

Speakers' Club

The Speakers' Club is an informal association that was initiated ten years ago. It helps students improve their communication skills through a range of activities based on public speaking, group discussion, interviews, vocabulary and grammar games, to name a few. Sessions are conducted by the Communication Skills faculty once a week in the break and address communication-related issues like stage fright, lack of confidence, low levels of vocabulary and social inhibitions when it comes to interacting in professional circles.

Sardar Patel Quiz Club (SPQC)

Initiated in 2009 by our own students, SPQC organizes quizzes focusing on sharpening thinking abilities of students in humorous and entertaining ways. Each quiz is based on a certain theme and has received an astounding response from students across all branches.

Informal Clubs and Associations

Star Gazers' Club

The brainchild of second year students, Star Gazers is a novel initiative aimed at educating its members in Astronomy. It organizes telescope observation events, collaborative study sessions via Coursera, and informative talks by professionals. It has also launched an astronomy magazine called "Anant".

The Book Brigade

This club helps avid readers in the institute share their book collections and thus access various genres. The Brigade thus functions as a dynamic library and encourages direct interaction between book-lovers who can get their books directly from contributors. The club is the brainchild of an entrepreneurial group of second year students whose aim is to encourage reading among students with a nominal fee within the campus itself.

The Debate Society

Founded by students, the members of the Debate Society (or DEBSOC as it is popularly known) meets twice a week after college hours and prepare for prestigious debating competitions. It has helped our students win national level debates and now stands firmly established as a club with stature and potential to encourage the debating culture on campus.

Spark- What Ignites SP...

Launched on 15th September 2013, SPark is the official editorial and newsletter of S.P.I.T., and an assortment of enthusiastic editors and reporters who contribute not just news, but the seniors' thoughts on matters of importance as well. Split into three major clusters, SPark covers Columns, Reports and Alumni with a dedicated team in charge of each field. The first years are actively involved in their chosen sub-teams and are as much part of the team as their seniors.

Committees

(As per the requirements of AICTE and University Of Mumbai)

Anti Ragging Committee (as per the guidelines of University of Mumbai)

Ex-officio President of the Cell
Dr. Prachi Gharpure

Convenor
Dr. Rita Das

Members

Dr. Radha Shankar Mani	-	Teaching Representative
Shri. D.D. Ambawade	-	Teaching Representative
Dr. Surendra Rathod	-	Teaching Representative
Smt. Pallavi More	-	Non-Teaching Representative
Shri. Bharat Mhamunkar	-	Police Representative
Capt. Smt. Malini Sharma (SPROUT)	-	NGO Representative
Shri. Nishant D. Sarvankar	-	Local Media Representative
Smt. Deepakshi Ringshia	-	Parent Representative
Shri. Dinesh T. Waghmare	-	Parent Representative
Kum. Ketki Randhir	-	Student Representative
Shri. Manas Sarkar	-	Student Representative

Women Development Cell (as per the guidelines of University of Mumbai)
Ex-officio President of the Cell
Dr. Prachi Gharpure
Convenor
Dr. Rita Das
Members

Dr. Y. S. Rao	-	Teaching Representative
Smt. Surekha Dholay	-	Teaching Representative
Smt. Pallavi More	-	Non Teaching Representative
Sri. Pramod Patil	-	Non Teaching Representative
Smt. Anagha Sarpotdar	-	NGO Representative
Kum. Ayesha Kesharia (UG)	-	Student Representative
Kum. Pallavi Korade (M.E.)	-	Student Representative
Prof. Kailas Devadkar (Ph.D.)	-	Student Representative

Grievance Committee (as per the guidelines of AICTE)

Co-ordinator
Dr. Y.S. Rao

Members

Dr. Surendra Rathod	-	Teaching Representative
Shri. K.T. Talele	-	Teaching Representative
Smt. Reena Sonkusare	-	Teaching Representative
Smt. Pallavi More	-	Non Teaching Representative

Faculty

Dr. Prachi Gharpure
Principal
Ph.D. (Computer Tech.)

Dr. Y. S. Rao
Vice Principal
Dean (R & D), Prof.& Head of Dept. (Electronics & Telecommunication)
Ph.D. (Electronic Systems)

Dr. Preetida Jani
Professor (Electronics & Telecommunication)
Ph.D. (Network & Security)

Shri. D. D. Ambawade
Asso. Prof.& Deputy Head of Dept. (Electronics & Telecommunication)
M.Tech. (Electrical), Pursuing Ph.D.

Smt. Reena Sonkusare
Asso. Prof. (Electronics & Telecommunication)
M.Tech. (Electrical), Pursuing Ph.D.

Shri. Manish Parmar
Asso. Prof. (Electronics & Telecommunication)
M.E. (I.T.), Pursuing Ph.D.

Smt. Sukanya Kulkarni
Asso. Prof. (Electronics & Telecommunication)
M.E. (Electronics), Pursuing Ph.D.

Shri. Anand Mane
Asst. Prof. (Electronics & Telecommunication)
M.E. (Electronics), Pursuing Ph.D.

Smt. Reeta Chhatani
Asst. Prof. (Electronics & Telecommunication)
M.Tech. (Electronics & Telecommunication), Pursuing Ph.D.

Smt. Vijaya Kamble
Asst. Prof. (Electronics & Telecommunication)
M.E. (Electronics)

Shri. Milind Paraye
Asst. Prof. (Electronics & Telecommunication)
M.E. (Electronics)

Dr. Amol S. Deshpande
Asst. Prof. (Electronics & Telecommunication)
Ph. D (Technology)

Kum. Pallavi Ramesh Malame
Asst. Prof.(Electronics & Telecommunication)
M.E. (Electronics & Telecommunication)

Shri. Ganapat A. Parulekar
Asst. Prof. (Electronics & Telecommunication)
M.Tech. (VLSI – Design)

Dr. Surendra Rathod
Dean (Academic), Prof. & Head of Dept. (Electronics), Ph.D. (VLSI)

Shri. K. T. Talele
Asso. Prof.(Electronics)
M.E. (Electronics), Pursuing Ph.D.

Shri. Narendra Bhagat
Asso. Prof.(Electronics)
M.E. (Electronics), Pursuing Ph.D.

Dr. Deepak Karia
Asso. Prof. (Electronics)
Ph.D. (Electronics)

Dr. Rajendra Sutar
Asso. Prof.& Deputy Head of Dept. (Electronics)
M.E. (Electronics), Ph. D. (Electronics)

Shri. Prashant Kasambe
Asst. Prof. (Electronics)
M.E. (Electronics)

Smt. Payal Shah
Asst. Prof. (Electronics)
M.E. (Electrical)

Smt. Manisha Bansode
Asst. Prof. (Electronics)
M.E. (Electronics & Telecommunication)

Shri. Govind Haldankar
Asst. Prof. (Electronics)
M.E. (Electronics)

Smt. Priya Deshpande
Asst. Prof. (Electronics)
M.Tech. (Electronics & Telecommunication)

Shri. Najib Nisar Ghatte
Asst. Prof. (Electronics)
ME - Electronics

Dr. D. R. Kalbande
Dean (Industry Relations), Prof. & Head of Dept. (Computer)
Post- Doctorate (TISS), Ph.D. (Tech.)

Dr. Sudhir Dhage
Prof. & Deputy Head of Dept. (Computer)
Ph.D.(Computer)

Shri. Anand Godbole
Asso. Prof. (Computer)
M.E. (Electronics), Specialization in Computer, Pursuing Ph. D.

Smt. Surekha Dholay
Asso. Prof. (Computer)
M.E. (Computer Science), Pursuing Ph. D.

Dr. Anant Nimkar
Asso. Prof. (Computer)
Ph.D. (Computer Sci. & Engg)

Smt. Kiran Gawande
Asst. Prof. (Computer)
M.E. (Computer Science), Pursuing Ph. D.

Smt. Jyoti Ramteke
Asst. Prof. (Computer)
M.E. (Computer Science)

Smt. Nataasha Raul
Asst. Prof. (Computer)
M.E. (Info. Tech.), Pursuing Ph. D.

Smt. Reeta Koshy
Asst. Prof. (Computer)
M.E. (Computer)

Kum. Soni B. Bhambar
Asst. Prof. (Computer)
M.E. (Computer Sci. Engg)

Shri. Abhijeet V. Salunke
Asst. Prof. (Computer)
M.E. (Computer Engg.)

Shri. Sunil B. Ghane
Asst. Prof. (Computer)
M.E. (Computer Engg.)

Shri. Pramod J. Bide
Asst. Prof. (Computer)
M.E. (Computer Engg.)

Dr. Radha Shankar Mani
Dean (Quality Assurance),
Professor & Head of Dept. (Info. Tech.)
Ph. D.(Computer Science & Engg.)

Shri. Kailas Devadkar
Asso. Prof. & Deputy Head of the Dept. (Info.Tech.)
M.E. (I.T.), Pursuing Ph.D.

Shri. Prasenjit Bhavtankar
Asso. Prof. (Info. Tech.)
M.Tech. (Computer Science & Engg.),
Pursuing Ph.D.

Smt. Disha Sail
Asst. Prof. (Info. Tech.)
M.E. (Computer)

Smt. Sheetal Chaudhari
Asst. Prof. (Info. Tech.)
M.E. (Computer)

Smt. Renuka Pawar
Asst. Prof. (Info. Tech.)
M.E. (Computer)

Shri. Jignesh Sisodia
Asst. Prof. (Info. Tech.)
M. Tech. (Computer Engg.)

Smt. Swapnali Kurhade
Asst. Prof. (Info. Tech.)
M.Tech. (Computer)

Smt. Varsha Hole
Asst. Prof. (Info.Tech.)
M.E. (Computer Engg.)

Smt. Aparna Halbe
Asst. Prof. (Info.Tech.)
M.E. (Computer Engg.)

Smt. Mulla Nikahat Sammie
Asst. Prof. (Info.Tech.)
M.E. (Computer Engg.)

Dr. Rita Das
Dean (Students Affairs), Asso. Prof. (Physics) &
Head of Dept. (Applied Science & Humanities),
Ph.D. (Physics)

Shri. D. M. Patil
Asso. Prof. (Engg. Mech.), Deputy Head of the Department,
M.E. (Structural), Pursuing Ph.D.

Shri. C. R. Gajbhiye
Asst. Prof. (Maths)
M.Sc. (Maths), B.Ed (Maths)

Ms. Nida Bakereywala
Asst. Prof. (Maths)
M.Phil (Maths)

Shri. Hemant Vasaikar
Asst. Prof. (Engg. Drawing)\
M.E. (Structural Engineering), Pursuing Ph.D.

Smt. Meghana Naik
Asst. Prof. (Maths)
M.Sc. (Maths)

Shri. Kaiser Katchi
Asst. Prof. (Engg. Drawing)
B.E. (Mech.), M.E. (Mech)

Dr. Pooja Raundale
Prof.& Head of the Department (MCA),
Ph.D. (Computer Sci. Tech.)

Shri. Harshil Kanakia
Asst. Prof. (MCA)
M.E. (Computer)

Smt. Aarti Karande
Asst. Prof. (MCA)
M.Tech. (Computer), Pursuing Ph.D.

Smt. Nikhita Mangaonkar
Asst. Prof. (MCA)
MCA, M. Phil Pursuing

Smt. Rajashree Madye
Librarian, B.Sc. (Chemistry)
M.Lib.Sc., NET qualified

Our Sterling Alumni

Mr. Rahul Chari: A gold medallist (1999) and a postgraduate from Purdue University, USA, Rahul co-founded Mallers in 2009 and served as its Chief Technology Officer. He has a vast experience in storage networking and intelligent software storage solutions that focus on improving ease of Virtualization related patents. Currently he is the Vice-President, Supply Chain Technologies at Flipkart.com

Rajeev Chajjer: He is currently the Principal at The Center for Agile Thinking and Co-Founder & CEO of Last Bench! Prior to that, he was a senior consultant at Honda R&D Americas, Inc. at OpenLogix Corporation Assistant Systems Engineer at General Electric Company at Tata Consultancy Services. He had pursued his education from the Startup Leadership program, University of Pennsylvania, The Wharton School Dec 2010 and is an alumni of Sardar Patel College of Engineering, Mumbai University.

Divyesh Kharade: He graduated in 2005 and worked with Wipro Technologies for a couple of years before starting up with Deltecs. He is the Co-Founder and CEO of Teamgum (www.teamgum.com) and Bizpunditz (www.bizpunditz.com). His company raised their first round of Funds from KAN and is a very successful startup in the enterprise collaboration space where the product is used by leading Fortune 500 companies and has been voted as the best enterprise product numerous times in a row, winning different awards. He is also an active columnist with Yourstory and Nextb BigWhat.

Vitthal Srinivisan: He graduated in 2001, and then went to the US, where he earned a Master's degrees in Electrical Engineering and Financial Mathematics from Stanford University. Graduating in 2005, he worked in finance – first as a derivatives modeler for Credit Suisse in New York, then as a credit trader for AQR Capital, a large quant hedge fund, in Greenwich, CT, until 2008. He decided to quit Wall Street right before turmoil engulfed the markets in 2008, and successfully traded his own quantitative strategies, with prop capital, from the start of 2008 until the end of 2011. His best years as a trader were 2007 and 2011, both turbulent years in the markets he was trading in. He earned his MBA from INSEAD in 2012. He started work at Google, in the Financial Planning & Analytics function in Singapore, while still at INSEAD.

Pavan Badhe: As a graduate (Batch 2005), Pawan served as a Software Engineer in Infosys for a year; he fulfilled his aspirations to join the Indian Foreign Service in 2010. He served in the e-governnce and IT division of the Ministry of External affairs for 6 months before being posted to the Indian embassy in Vienna, Austria. Currently he is posted as Third Secretary (Political, Press and Culture). His current role also involves multilateral political work at the International Atomic Energy Agency (IAEA) and other UN bodies in Vienna.

Manas Gajare: He graduated in Computer Engineering in 2009; however, he had launched his first startup in his third year and devoted his full attention to the company after graduation. He holds a post-graduate degree in Mathematics and launched his second startup "Zabuza Labs" in September 2011. It is a game development studio and boasts of gaming hits like Balloon Bow and Arrow which was ranked #1 in Top Free Games category on Google Play in India. He was awarded the "Shiv Gaurav Puraskar" in May 2014 along with 11 other talented entrepreneurs by the Sanskruti Yuva Pratisthan and Vihang Group of Companies.

Anuj Gupta: A graduate from the 2008 batch, he joined the prestigious organization Morgan Stanley. He currently oversees Product Management as a Senior Manager. Apart from his corporate routine, he also volunteers to teach underprivileged students.

Sruti Parikh: She graduated in Electronics Engineering in 2002. Post graduation, she went on to do her MBA in Finance, MS in Finance and finally CFA. She currently lives in the US and works at Dow Chemicals as an Investment Analyst and is also a Partner in Pykih Software LLP, a Mumbai based Data Visualisation company.

Fees

- The approved fees for the year 2017-18 by Fee Regulating Authority is Rs. 1,38,000/- and the same is displayed on the website www.sssamiti.org and the college notice board.
- The candidates are also required to pay additional fees as prescribed by University of Mumbai i.e. Enrollment Fees, Examination Fees, Group Insurance, etc.
- Fee structure for the subsequent years will be as per the guidelines issued by the Fee Regulating Authority.

Mandatory Facilities

- Ramp & Lift for Handicapped students.
- Fee concessions as per Government norms for category students admitted through CAP, Directorate of Technical Education (DTE).
- Fee concession for Minority & EBC students as per Government norms.

Bhavan's Global Presence

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National Centres

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- Jharkhand
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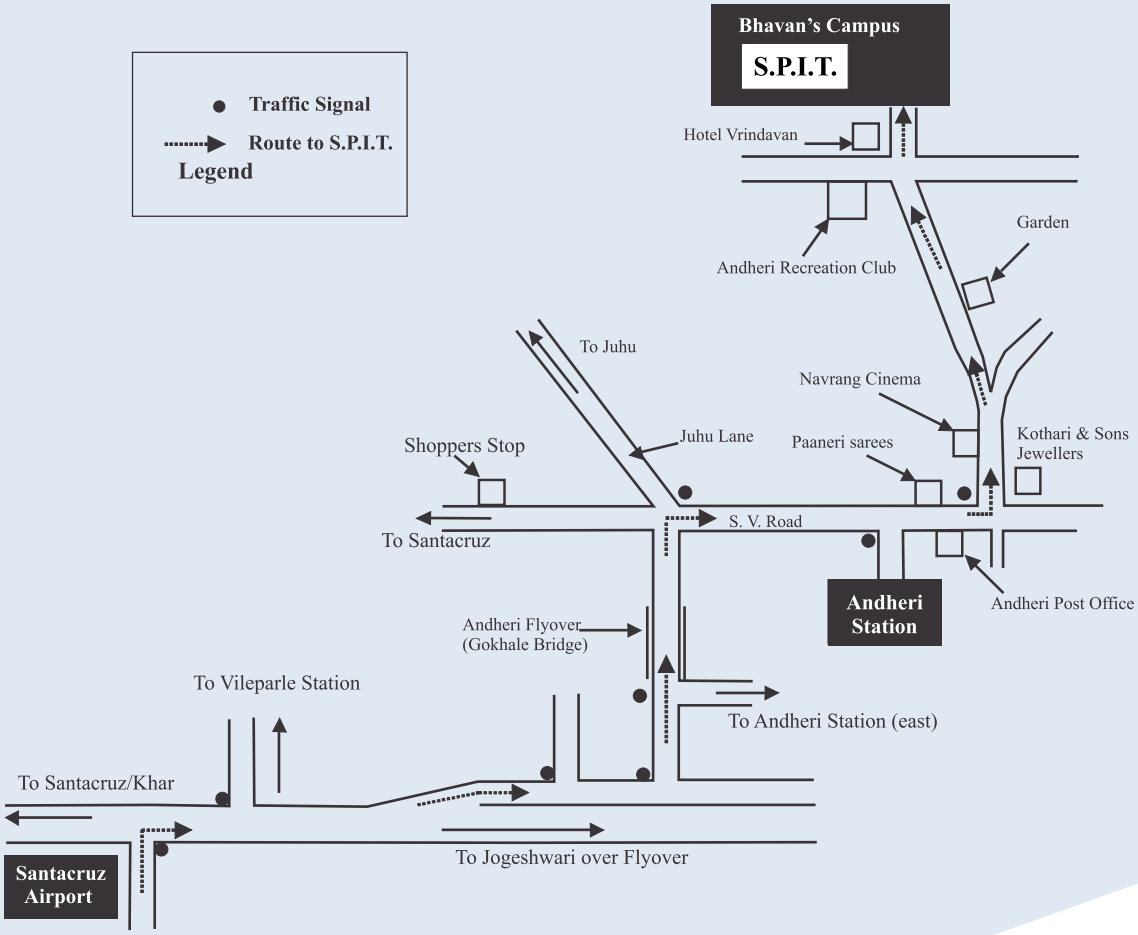
- Kerala
- Madhya Pradesh
- Maharashtra
- Orissa
- Punjab
- Rajasthan
- Seemandhra
- Tamil Nadu
- Telangana
- Tripura
- Uttar Pradesh
- Uttaranchal
- West Bengal

Bhavan's Campus (S.P.I.T.)



Bharatiya Vidya Bhavan's

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