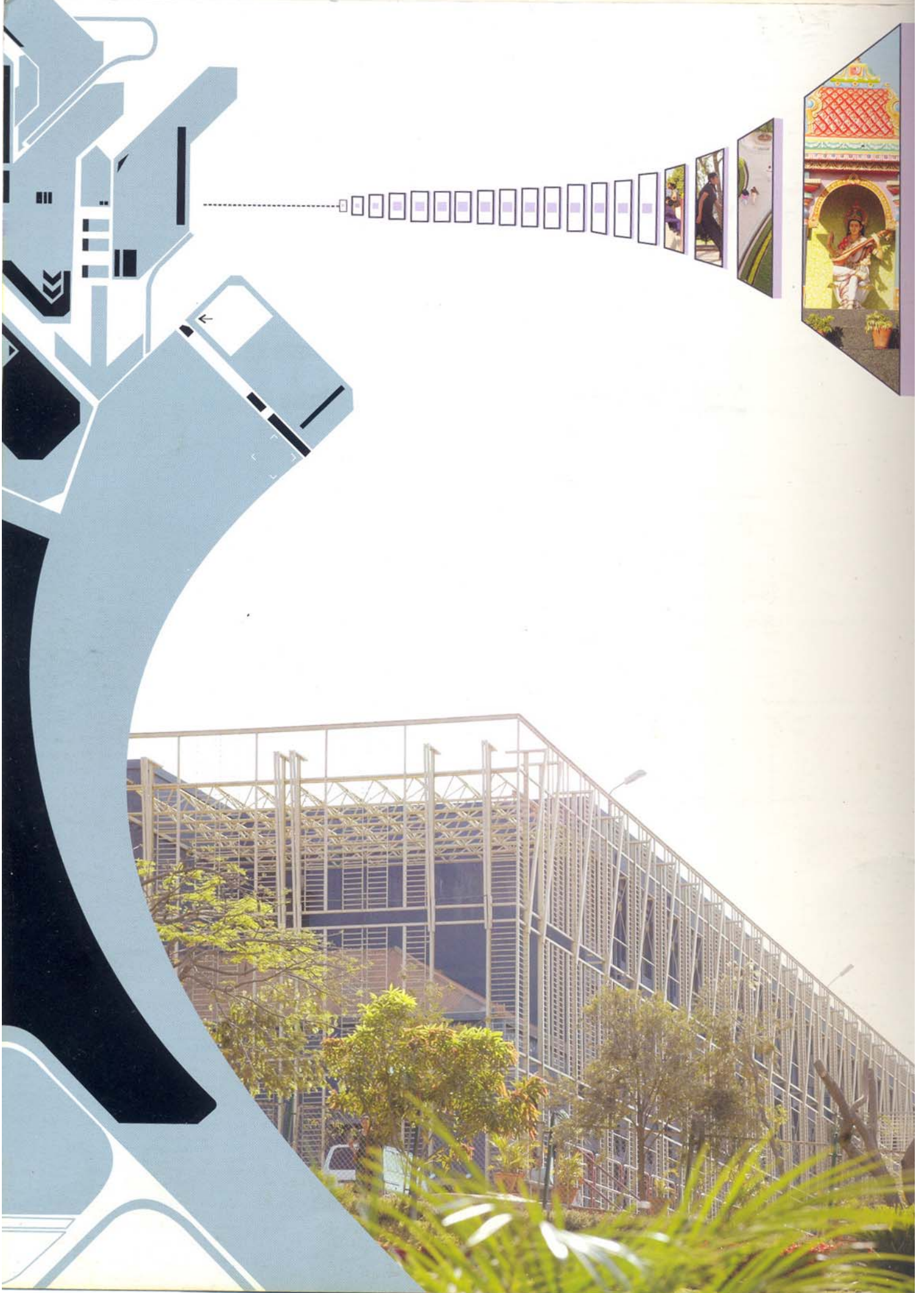




SRI KRISHNA  
INSTITUTE OF TECHNOLOGY







## OUR VISION

"To impart quality education to cater to the needs of Industries, Business Establishments, Research and Development Organisations, and Nation at large and create knowledgeable and competent Engineers of global stand"

## OUR MISSION

"To create IT enabled Engineers manifesting in excellence with extraordinary progress, and to give bright and challenging future to deserving and merited student community who are under privileged."

## Board of Directors



**Smt. K. SUMITRA**  
President



**Dr. K. M. VENKATARAMANA**  
Secretary



**Smt. V. RAMYASHREE**  
Trustee



**Dr. V. RAGHAVENDRA**  
Treasurer

Sri Krishna Institute of Technology, Bangalore

Estd : 2001

Approved by AICTE, New Delhi & Govt of Karnataka

Affiliated to Visvesvaraya Technological University

Belgaum, Karnataka

# Chairperson



**Smt. K. SUMITRA**  
Chairperson of Sri Raghavendra Educational Institutions Society  
Educationist, Social worker



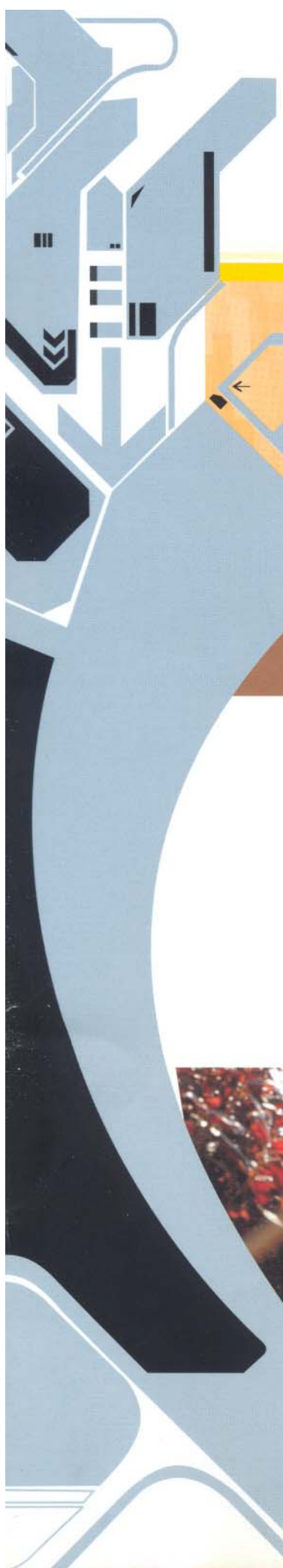
## Secretary



**Dr. K. M. VENKATARAMANA, M.B.B.S**  
Founder Secretary  
A Great Visionary, Educationist, Humanist



## Principal



### **Dr. H.V. SOMASUNDAR**

M.Tech (Kgp), Ph.D (IITM), M.I.S.T.E., M.I.E.

Principal

Academician, Rich experience in teaching  
Research and Development, Published research  
papers of high quality in International &  
National Journals/Conferences



## About us...



Sri Krishna Institute of Technology, Bangalore was established in the year 2001. It is one of the feathers of Sri Raghavendra Educational Institutions Society<sup>®</sup> which is founded in the year 1992 by a great visionary Dr. K.M. Venkataramana. The society has been in the service to the nation in the field of Health and Education. It is a household name in the field of Medical and Para Medical education. Raghavendra Hospital, Diagnostic and Research center, College and School of Nursing, College of Pharmacy and College of Education, run by the society are the landmarks in the history of education in this part of the country.

Sri Krishna Institute of Technology situated in the picturesque location of chimney hills, Chikkabanavara on Hesaraghatta Road has a serene atmosphere, congenial for pursuit of studies, situated on top of a hillock (Chimney hills) overlooking vast verdant green land and water sheds enthralls the visitors by its captivating beauty.

The institute within a short span of 6 years of its establishment has marked a niche in the field of Technical education with the state of the art teaching equipment, innovative teaching methods, world class infrastructure, highly qualified, experienced teaching faculty committed to impart quality education. Dissemination of knowledge, led by highly experienced and knowledgeable Principal with 38 years experience stands apart from the rest of its class.

Brick & Mortar alone do not make an institution. The dedicated and knowledgeable teachers with kind heart interact with every student on the campus through the protocol system wherein students can interact with his / her teaching faculty for counseling, advice or guidance are the hallmark of this institution.

Friendly and smiling office staff are always ready to help the students in their academic and administrative matters. The Library and Information center, the repository of knowledge is the center place of attraction here. About 50 international and similar number of national technical journals on various engineering & technology, most modern publications on CSE/ISE/EC subjects with well laid out library stack with reference section to house 100 students at a time is the place where every student wants to spend his/her time in the campus.

The campus situated in a 20-acre land about 15 km from the city center can be easily reached by public transport. A fleet of 10 buses of the institute help our student to commute from their residence/hostel free of hassels.



## About us...



"All work and no play makes Jack a dull boy" Ever enthusiastic and active sports and games division of the institute offers excellent opportunity to train one self in football, cricket, volleyball and table tennis. The state of the art gym is where one can sweat out to trim ones figure also housed in the campus. A swimming pool of international standards will come up shortly inside the campus. Hostel for girls inside the campus with the best facilities adds to the attraction.

An auditorium to house around 150 audience with all modern audiovisual equipment is inside the campus. Various technical workshops, seminars and conferences are held here. The hall is also open for students for the cultural festivals. An amphi theatre overlooking a green and lustrous lawn is the place for annual day functions where one can leave one's hair down and shake a leg.

The Campus automation solution and University Management System enable the student to interact with IVRS (Interacting Voice Response System) where the student and parents and access all data / information such as IA marks, Attendance, staff information through the internet in multiple languages (Kannada, English, Hindi).

EDUSAT learning center has been fully equipped with the generous assistance of VTU where expert lecturers on various topics by eminent professors and professionals are made available to the students through out the day.

A high speed (1mbps) Internet centre is available in the campus for 12 hr a day for students and staff. Language laboratory with teaching aids supplied by VTU is made a available to all students free of cost.

SKIT undertakes research and development work from many industries and institutions, for the benefit of students. Advanced techniques and methodologies that are used in the handling of these projects empower the students with an edge that many others are deprived of.

The students of SKIT are regularly taken on Industrial and site visits to enable them to observe and thereby learn contemporary practices and processes. SKIT has arrangements with a number of wide ranging industries for this activity.

## About us...



Right from the beginning of setting up of the college, and ongoing relationship of interaction has been established which is constantly being strengthened to find interesting projects and ensuring rewarding career placements in the future. One will find the Institute's concern for students' career, in every aspect of the campus life. It is evident in the counseling, teaching, experimenting, researching working on projects, interacting with industry professionals, participation in Seminars and Workshops, etc. The very choice of subjects and specializations are career scope-driven. The learning process is application-oriented. The focus is on relevance and contemporary rather than theoretical.

The Placement and Training centre attracts highly reputed IT companies to the campus to place our well-trained and merited students in various organizations.

Come, join the fraternity of SKIT and experience the joy of learning in totality.



# COURSES OFFERED BY THE INSTITUTION



Electronics & Communication Engineering

Computer Science & Engineering

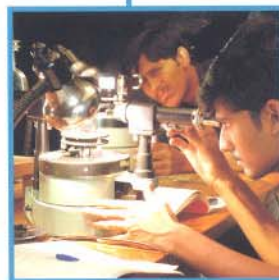
Information Science & Engineering

Medical Electronics Engineering

Mechanical Engineering

Electrical and Electronics Engineering

Master of Business Administration



# Cultural Activities



# Spectrum

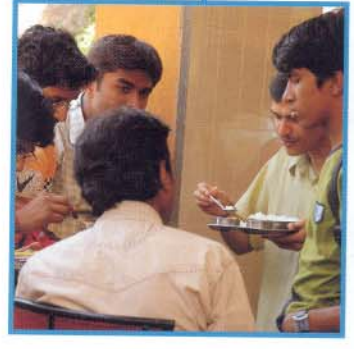
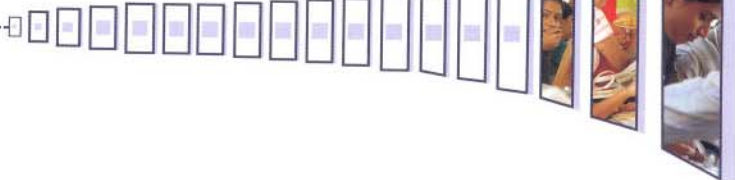
*colourful journey...*



# Campus Life



# Ammenities & Accomodation



## Placement and Training Cell



SKIT placement and training cell is guided by the principal and its activities are taken care of by experienced industry professionals. From past three years campus placements have taken a head notch way everywhere. A record number of students graduated in the year 2005. The placement cell was able to assist the students by guiding them to the companies with their procedures in recruitment process. This helped nearly 60% of the students to be placed in MNC's, the remaining of the students were able to secure jobs with the combined effort of placement cell and themselves. Today our records indicate that 99% of the students are employed and doing very well in terms of job satisfaction and personal satisfaction. Coming into 2006 the P&T cell got more aggressive and is able to get much better results. We started a unique training program by inviting people with various skills related to placement; and HR professional from various industries to make students aware of question pattern, skill assessment and procedural aspects. This gave a higher boost to our replacement numbers and our students fared very well in the campus placements of companies like WIPRO, mention not the other companies. The placement cell is constantly innovating and adjusting itself to the changing needs of the industry and in turn passing this buck of knowledge to the student community of SKIT. The results of placement in the first quarter of 2007 reflect this; already 40% of our present 6th and 8th semester of all branches are placed in companies like Sapient, Torry Harris, Wipro, Accenture, Satyam, L&T Infotech and other companies.,

**OUR MOTTO**

WE CATCH MATCH AND

**RACE**

## Library

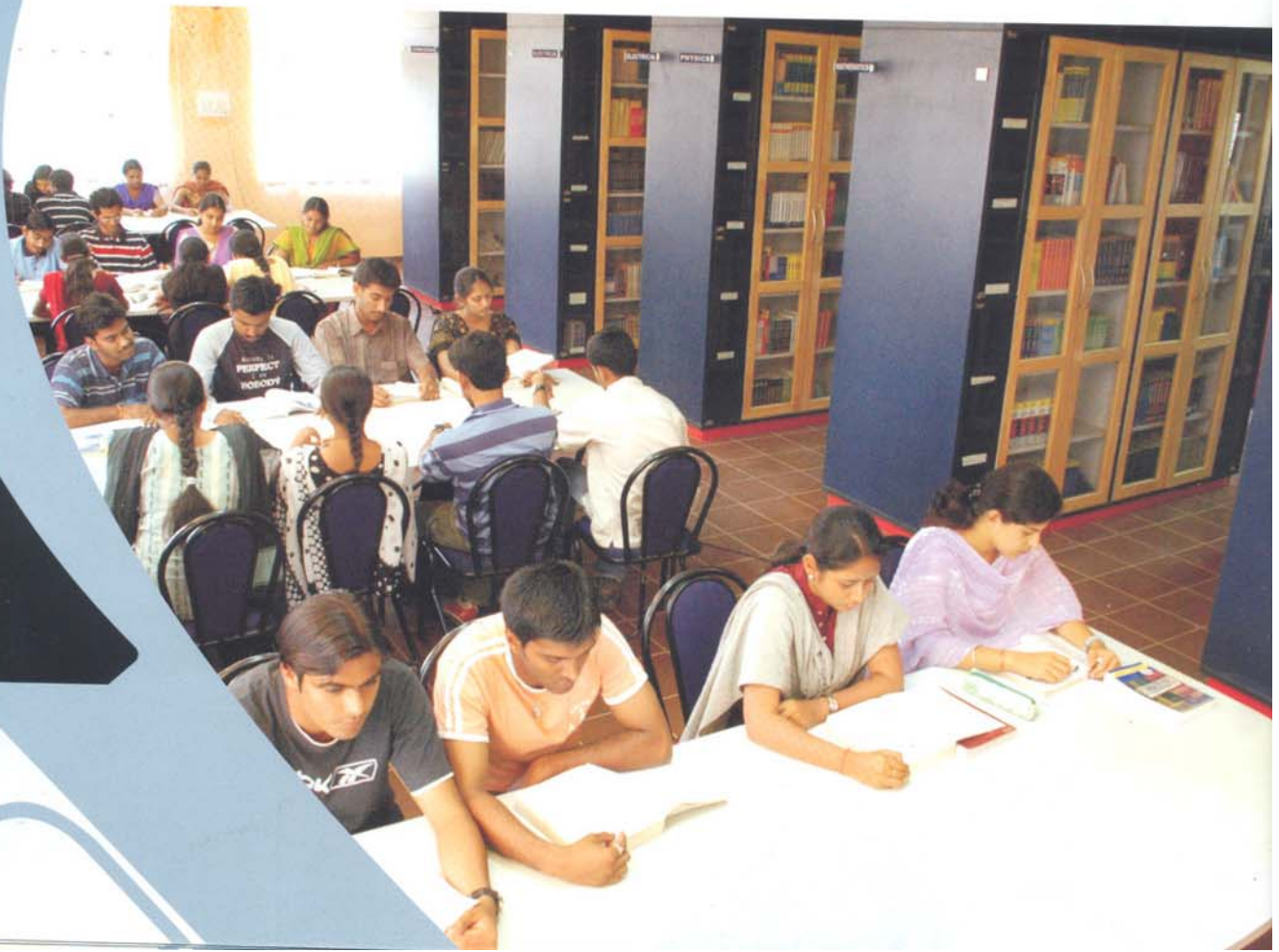


SKIT Library is privileged to support institution's march towards its vision. The library has a collection of about 12,000 Books, 54 International and national Journals including 24 IEEE journals, non book materials in Engineering and Technology, Reference Books, Bound Volumes of Journals and Project Reports.

To provide ease and efficient access to the information, the entire document collection is being computerized using library software package called "Libsoft". The database of books available in the library is being updated on day to day basis. OPAC (Open Public Access Catalogue) is made available to facilitate searching and retrieving of books by any author or any subject quickly and efficiently.

All students, faculty members and employees of the institute are entitled for the membership of the library. The library user's bar-code technology for computerized circulation system is being used. Each student is issued 3 books for 15 days. A separate reference section with seating capacity of 120 wherein students can refer to most modern books on Engineering and Technology and Journals, is open for 12 hours a day.

The library is being managed by very well qualified and experienced staff.





## Basic Sciences



### Mathematics Department

Mathematics is the queen of science and backbone of engineering. The department of Mathematics is well equipped with qualified and experienced staff to train the students in mathematical approach and analysis which is a fundamental tool for engineering students. Staff members have published a few papers on "Mathematical inequalities" as applied to various kinds of averages. Joint publication of a paper on Mathematical inequalities to electrical engineering by a staff member and the H.O.D. is on the anvil.

### Civil Engineering Department

The department is headed by Dr. Damodaran who has a rich academic and administrative experience to his credit. He is serving the institution as Vice Principal. He has several technical papers in the national and international journals and seminars in addition to guiding PhD candidates. The Staff members in the department teach and guide subjects related with Civil engineering as part of the syllabus. They are actively involved in Research and Development activities and consultation.



## Basic Sciences



### Physics Department

The main objective of physics department is to mould the students with basic concepts which is required for engineers and enlighten them to handle any technical problems independently. Recently, some of the experiments with engineering applications have been added to the curriculum to make the students strong in basic sciences, which serve as foundation for engineering subjects.

The department has excellent staffs to cater to these needs. All staff members are actively involved in research work in applied physics.

### Chemistry Department.

Chemistry is one of the vital branches of science without which no life exists. The knowledge of chemistry related subjects is vital in Chemical engineering, Civil engineering, Environmental engineering, Industrial engineering, Polymer technology, Bio-technology and life sciences etc. The department has full fledged teaching faculty. The staff members of the department work with full dedication with students' interest in mind. The well equipped laboratory and devoted efforts by the staff have always reflected in the good performance of our students in the university exams. All faculty members of the department are actively involved in Research and Development activities.





**Medical Science Lab** : Provides the anatomical and physiological features of Medical instruments such as ECG, EEG, EMG, BP METER, Colormiter Spectrophotometer etc.

**Microprocessor and Microcontroller Lab** : Provides the real implementation of processors such as 8085, 8086, 8051 etc for medical instrumentation.

**DSP Lab** : It includes the study of all DSP techniques in MAT LAB and also DSP processor kit. We provide both DSP processor-fixed and floating, which are really helpful for them to implement projects on DSP and also in their career.

**Bio Medical Signal and Image Processing Lab** : This is a very important lab for Medical Electronics Engineers because these give how actually biomedical signals be analyzed and how to remove noise encountered in them. Digital image processing gives some of the emerging techniques to analyze an image. These techniques are helpful to analyze a bio-medical image like spinal chord, typical organs and the images taken from CT Scan, Ultrasound and MRI.



## Department of Medical Electronics



### Aims and Goals

Our Mission is to prepare graduates to be leaders in the integration of Engineering and Biological aspects for detection and treatment of human diseases.

### Department Profile

The department was established in the year 2001 with full fledged teaching faculty, and supported by experienced technical staff. The curriculum concentrates in the applications of engineering principles to the study of medical and biological problems.

Students choose the medical electronics engineering field to be of service to people, for the challenge of working with living systems and to apply advanced technology to problems of health care delivery.

Satisfying biomedical engineering careers can be found in industrial health care, academic, private laboratory and government setting. The typical Medical Electronics engineering graduates will work in a team environment which may include physical scientist and engineers.

We teach present technological aspects in their curriculum to meet the industry level requirements like Siemens, GE medical systems, L&T medical software etc where the medical electronics engineers work in a center.

Students of Medical Electronics branch who have passed out are pursuing PG Studies and also many are placed in Medical Electronics Field as well in software industry.



## Department of Mechanical Engineering



CAED lab was established in the year 2006-07 where the conventional drafting is made easier using the software Solid Edge. The CAD/CAM laboratory provides practical training to the students so as to develop skills in Drafting, 2D&3D Surface and Solid modeling and Analysis as per the syllabus prescribed by the VTU. The lab is equipped with Pentium IV computers with latest configuration and is fully networked with adequate UPS back-up facility. All the softwares are licensed and are being upgraded so as to keep pace with changing technologies. Here, the students are exposed to the latest mechanical softwares. Machine shop which is an integral part of the department has a good collection of the state of art machines to meet the cutting edge technology requirement. Energy Conversion Lab is one of the important organs of mechanical engineering department with good facilities. The lab resources include the infrastructure as prescribed by the university. One can carry out research in various fields of energy conversion and heat transfer.



## Department of Mechanical Engineering



### Aims and Goals

Mechanical Engineering Department aims to provide quality education with a strong foundation in fundamental principles of Engineering, blended with professional and ethical responsibilities for the betterment of the society as a whole.

### Department Profile

The department was established in the year 2004 with full fledged teaching faculty and supported by experienced technical staff. The members of the staff of the department work with full dedication with the student's interest in mind. The well equipped laboratories and devoted efforts by the staff have always reflected in the good performance of our students in the university exams.

The infrastructure in the department include Basic Workshops, CAED lab, Material Testing Lab, Foundry and Forging lab, Measurements and Metrology lab, Machine Shop, CAD/CAM lab, Fluid Machinery Lab, Energy Conversion lab, Design lab and Heat Transfer lab. All the labs have state of art equipments of world class.





## Department Profile

The labs are equipped with hi-tech instruments and machines, so as to impart practical knowledge to the students in the field of Electrical Engineering. The various labs in the department include.

Digital and Analog Electronics Lab

Power Electronics and Microprocessor Lab

Circuit Simulation and measurement lab

Dc machines and synchronous Machine Lab

Transformer and Induction Machine Lab

Control System Lab

All the equipments and software in the lab are upgraded periodically so as to meet the requirements of the industry.

The Department was started in the year 2004 to provide quality education in the field of Electrical Engg. The department is equipped with experienced staff having rich experience in both teaching and industry. All staff members are well qualified and are dedicated, enthusiastic in teaching and motivating the students to give their best in studies.



## Department of Electrical & Electronics



### Aims & Goals

As a basic Engineering subject the field of Electrical and Electronics Engineering has vast and valuable applications to meet the needs of the nation. In this context, Electrical and Electronics Engineering Dept. was established.

Aim of the department is to equip the students with the technical knowledge, skill and ability to inculcate in them a right attitude and technical values to motivate them in line with innovation, to act independently, to enrich their knowledge, to meet all challenges boldly and efficiently which enables them to contribute their share in the development of the Nation & society to serve as able & noble Engineers.







The department has the following laboratories to conduct technical experiments and projects as per the university curriculum.

### Digital & Analog Electronics & Power Electronics Laboratory

It has sufficient number of digital and analog IC trainers and testers, cathode ray oscilloscopes, function generators, various power electronics modules etc to conduct all experiments.

### Microwave and Communication Laboratory

The laboratory has facility to conduct all experiments on microwave bench & to conduct advanced communication lab experiments like Ask, FSK, QPSK, BPSK, TDM, OFC (Optical Fiber Communication) to conduct latest technological experiments in the field.

### CCN, DSP, VLSI, VHDL & Project Laboratory

The lab has sophisticated equipment to execute the programmes written by students depending upon the situation they have to adopt, and perform them as experimental conditions.

The various software used in the laboratory are Xilinx, Flash Magic, Modelsim, Vi debugger, Code Composer Studio, Microwind, MATLAB, Side 51, C Compiler.

Our students have carried out important projects like implementation of QPSK modulation technique in VLSI using Xilinx FPGA, Sensors used in automation in autonomous mobile Robots, blue tooth DAQ using ARM, Advanced Traffic Control, Fire Fighter Robot etc.

From the past batches majority of students are placed in the top notch MNC's like Infosys, BEL, HP etc.



## Department of Electronics and Communication



### Aims & Goals

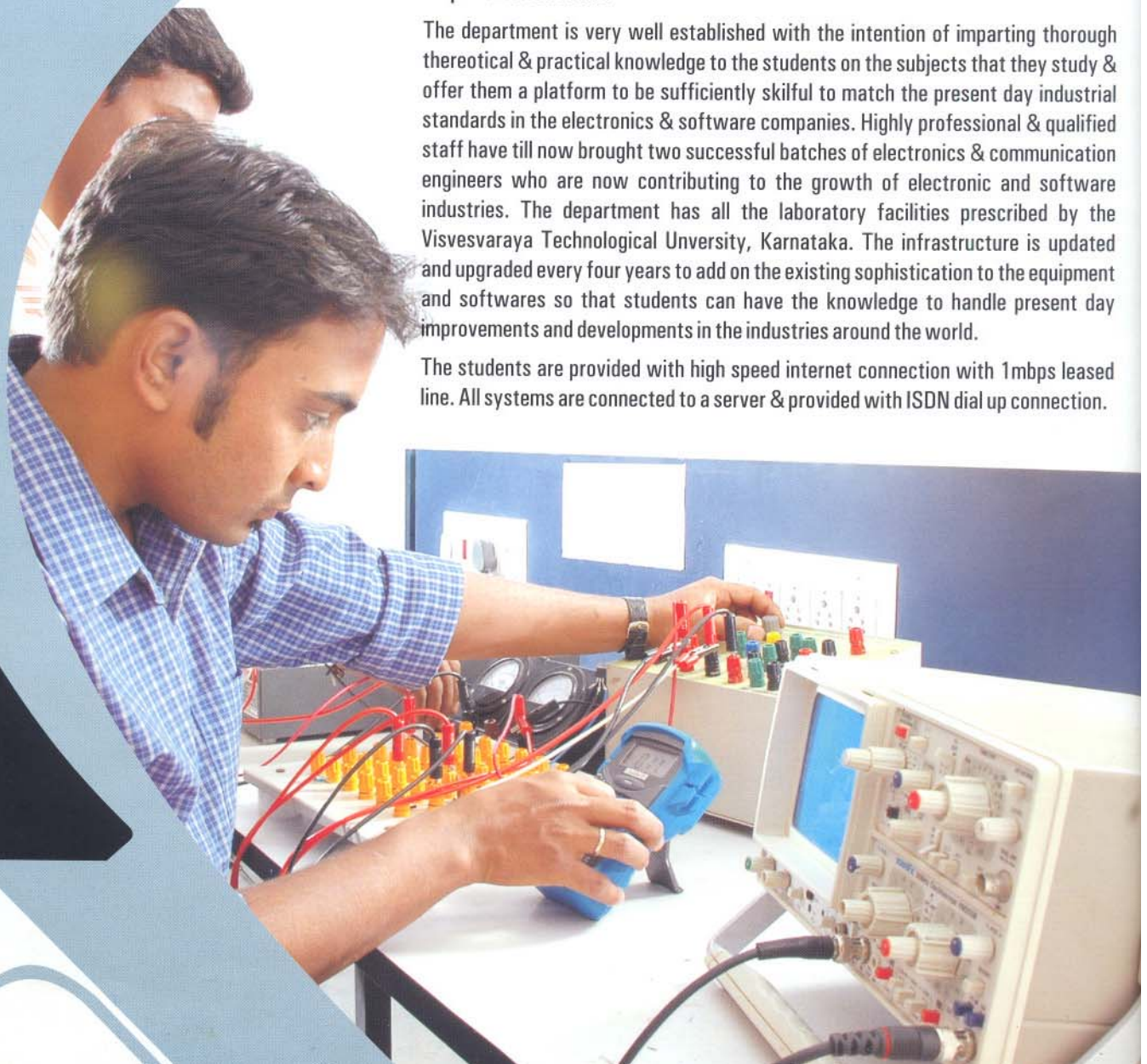
Main aim of the department is to facilitate an existing platform on new innovations and research facilities in the field of electronics and communication and to explore and contribute much more to the parallel growth of the related industries. The department conducts technical seminars by inviting professionals and experts from academic and IT industries, developing fields in electronics like embedded and nano technology to improve the skill set of EC students so that, they are more configurable to growing IT industry and others with this valuable interaction.

It also aims at bringing technical monthly magazine to keep the staff and students to be informed and on par with present day growth of technology.

### Department Profile

The department is very well established with the intention of imparting thorough theoretical & practical knowledge to the students on the subjects that they study & offer them a platform to be sufficiently skilful to match the present day industrial standards in the electronics & software companies. Highly professional & qualified staff have till now brought two successful batches of electronics & communication engineers who are now contributing to the growth of electronic and software industries. The department has all the laboratory facilities prescribed by the Visvesvaraya Technological University, Karnataka. The infrastructure is updated and upgraded every four years to add on the existing sophistication to the equipment and softwares so that students can have the knowledge to handle present day improvements and developments in the industries around the world.

The students are provided with high speed internet connection with 1mbps leased line. All systems are connected to a server & provided with ISDN dial up connection.





The students are provided with the opportunity to carry out their project work in the department itself as well as in reputed R&D organizations & private industries. Special attention is provided for the weaker students. The department also sponsors outstanding students to attend various seminars and symposiums conducted by different institutions.

Staff members are trained periodically by professionals in the emerging IT technology to keep object with the subject.

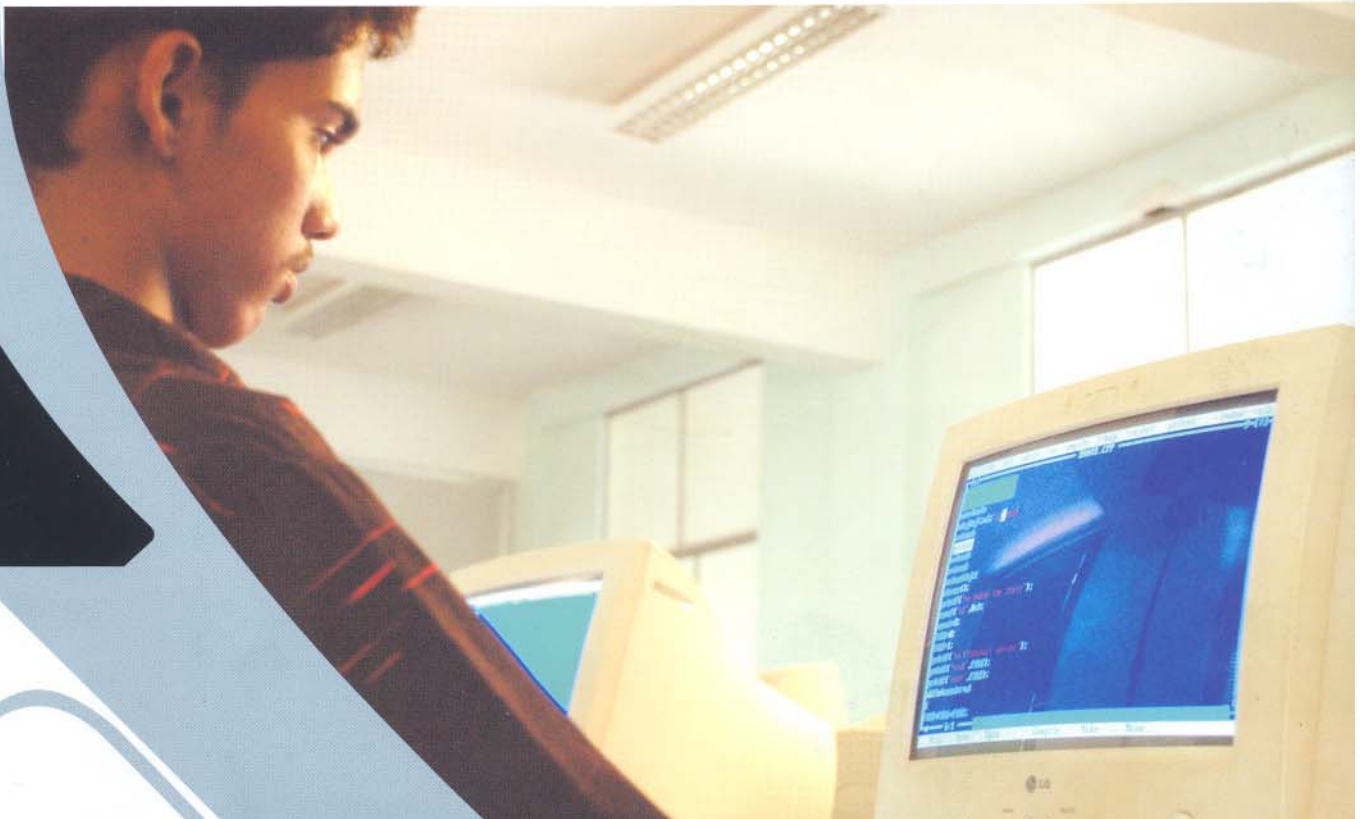
Students are encouraged to take up live project in the leading IT industries like ISRO, Communication in INMCC @ ISRO, Simputation @ BEL, Vikas Global Solutions, Bangalore.

### Computer Labs

The labs are equipped with the latest configuration systems. All the machines are connected to IBM Server with high speed switches. The labs are mainly used for network programming, java programming, internet programming, Microprocessor programming, UNIX systems programming, C & C++ programming etc. All the machines are loaded with software tools such as C, C++ #, Visual Studio 6, ASP 5, Net, Oracle 9, JSDK etc.

### Internet Lab

The students are provided with high speed internet connection with 1mbps leased line. All systems are connected to a server & provided with ISDN dial up connection.





### Aims & Goals

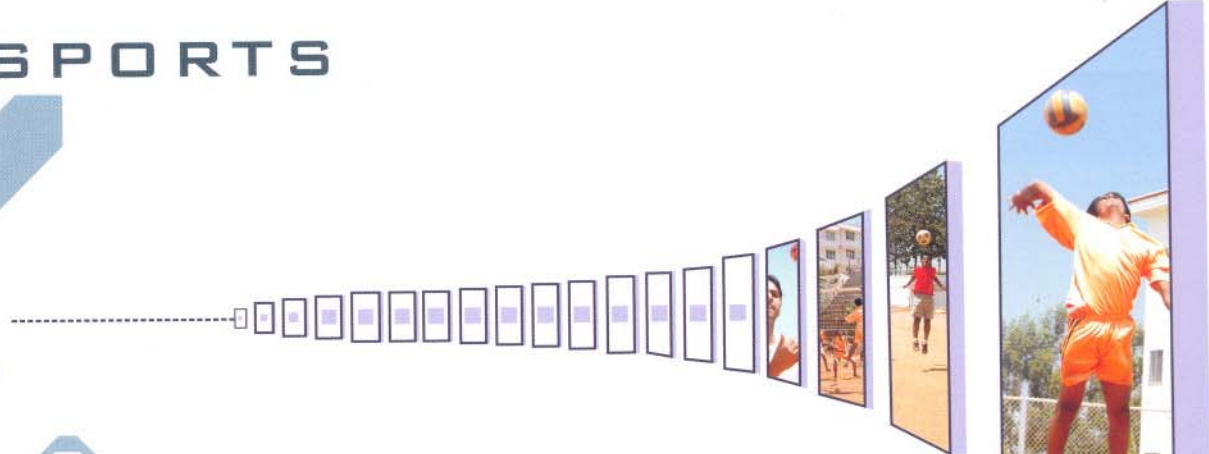
To equip the students with technical knowledge, skill and ability; to inculcate right attitude and values; to motivate them to conceive innovatively, act independently and take decision accordingly in all their technical pursuits and solving of problems so as to enable them to contribute to the development of the Society and Nation building process



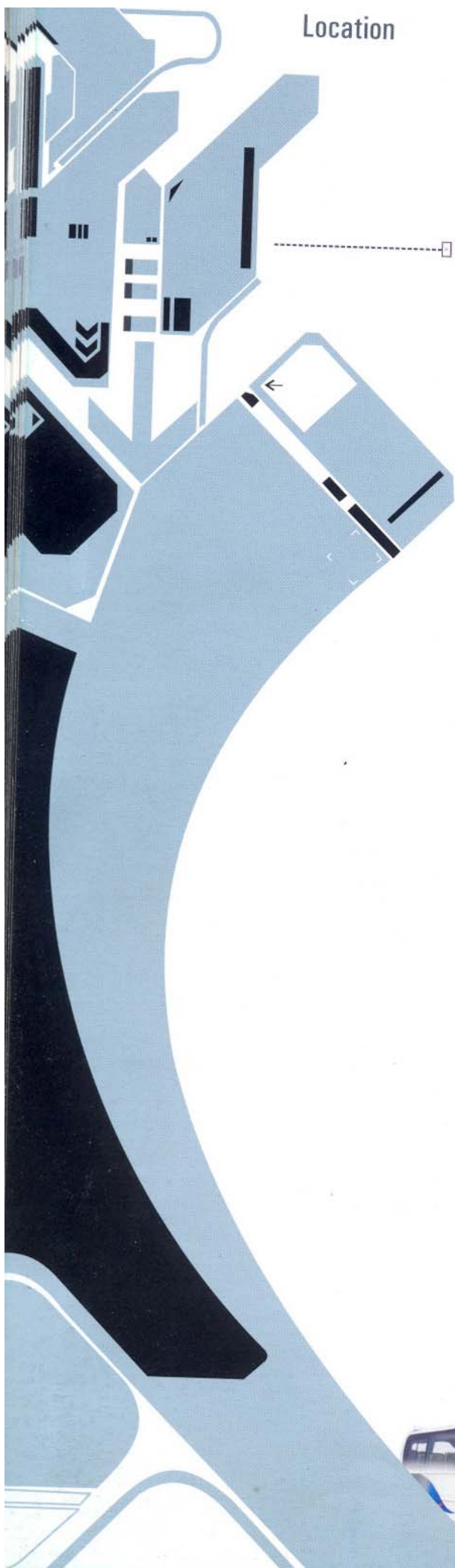
### Department Profile (ISE/CSE)

The department has highly qualified and excellent faculty members. The first and second batches of students obtained excellent result in the university examination and 90% of the alumni have obtained placement in reputed companies such as WIPRO, INFOSYS, SIEMENS, TCS, HP and HCL etc. The department offers training in the latest developments in software and hardware technologies to its students, using state of the art equipment available in the laboratories. The students are provided 12 hour access to the internet. Regular seminars are conducted in the department under the auspices of the students association. Papers are presented by the students as well as distinguished professionals from outside the institution. These interactive sessions aid the students in keeping in touch with the latest developments in the computer industry.

# SPORTS



## Location



## BANGALORE

The Campus is located on the outskirts of Bangalore. Its standard infrastructure provides the ground work for its research, teaching, development and other professional services.

Bangalore is a fun place to be. Whether you're into clubbing, eating, shopping, music or movies, you'll have a great time. In the past years or so, the city's become a major clubbing and entertainment centre with new club and music venues springing up everywhere. There's a real buzz about the place.

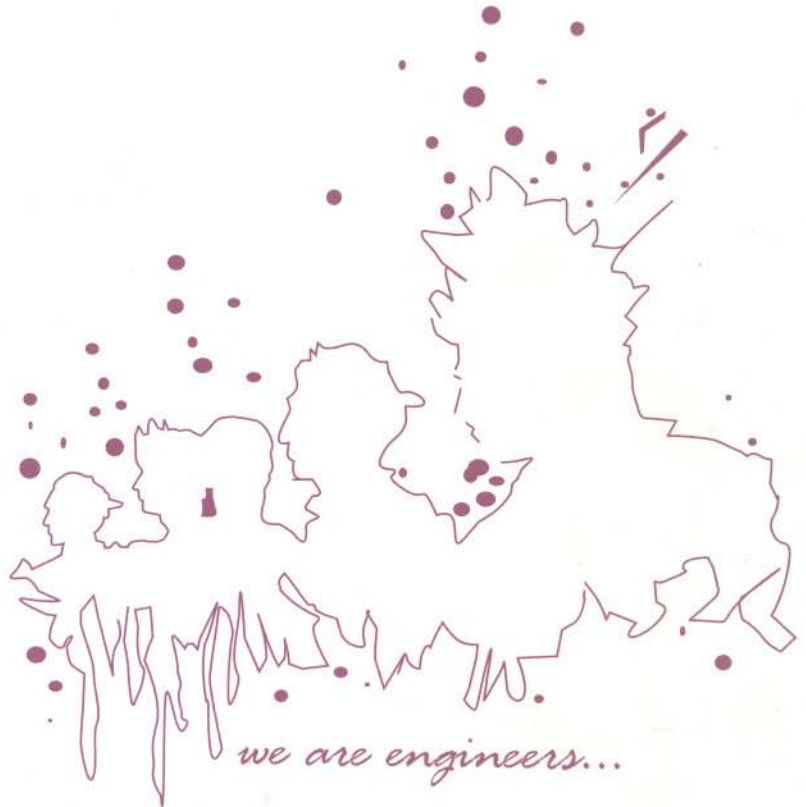
The city Centre's got a wide range of shops, restaurants and big multiplex cinema theatres, perfect for shopaholics. You can grab an afternoon coffee and watch the crowds or listen to some of the best live bands. You can eat or walk up to the commercial areas where you grab Pizza, Indian, Thai, or veggie meals, among others. If you're into 'culture', there's classical music at the Alliance Française Centre, the Town hall and the annual Jazz festival and loads of other live music going on.

For a respite from city life and 20 minute drive or train journey will take you into the beautiful countryside and into popular tourist places.

Bangalore is fast emerging as an important commercial city in India. Called the 'Silicon Valley of India' Bangalore has been attracting huge foreign investment. Bangalore is accessible from any where in the country.







## SRI KRISHNA INSTITUTE OF TECHNOLOGY

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