



Sri Raghavendra Educational Institutions Society
Sri Krishna Institute of Technology
(Approved by AICTE, Affiliated to VTU, Karnataka)

STUDENT HANDBOOK

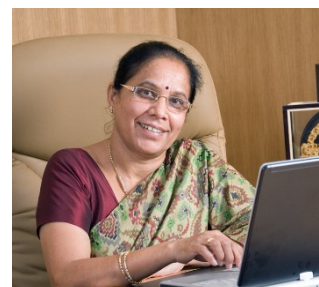


SRI KRISHNA INSTITUTE OF TECHNOLOGY,
#29, Hesaraghatta Main Road, Chimney Hills, Chikkabanavara P.O., Bangalore-560090



Dr.K.M.VENKTARAMANA
Secretary, Sri Raghavendra Educational Society

Mrs. SUMITRA VENKATARAMANA
President, Sri Raghavendra Educational Society



Dr.RAGHAVENDRA V
Managing Director,
Sri Raghavendra Educational Society

Dr.A.MANJUNATHA
Professor & Principal, Sri Krishna Institute Of Technology



WELCOMING THE STUDENTS JOINED IN THE VARIOUS ENGINEERING DOMAINS IN
OUR INSTITUTE AND WISHING YOU ALL A BRIGHT ACADEMIC LIFE AHEAD

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Welcome to SRI KRISHNA INSTITUTE OF TECHNOLOGY

SKIT welcomes you to its fold where you plan to do your B.E degree in the branch of specialization to which you have been admitted. As SKIT is an institute affiliated to VTU and approved by AICTE, it has initiated major changes in the academic regulations and curriculum for the B.E degree. Full details of these are available at the VTU Website (www.vtu.ac.in). In order to appreciate these changes and to make them simple enough to understand, all the important issues related to your study at SKIT are listed in this booklet. Wish you all the best in your career at SKIT.

DEPARTMENTS

DEPARTMENT OF CIVIL ENGINEERING

The Department of Civil Engineering in SKIT was started in the year 2010 with the current intake of 90. The department has highly qualified and dedicated faculty members, with adequate number of research publications.

One of the salient features of the department is to ensure that students acquire essential Civil engineering knowledge.

The department has been actively involved in conducting Conferences, Workshops, Site visits, Project tours and several student related programs to provide a platform for sharing and spreading the latest developments in the field of Civil Engineering.

The Alumni of the Department are employed in Institutions, Industry and Government organizations in different parts of the country and abroad, many of them have occupied prestigious positions.

Vision

To ensure quality education to bring up the technical manpower to serve the needs of society and contributing to sustainable development in the field of Civil Engineering.

Mission

- To promote innovative and original thinking in the minds of budding engineers to face the future challenges.
- To provide students and faculty members with opportunities to innovative disseminate knowledge.
- To provide state of the art education and training to the students and to create knowledge base and consultancy services to the society.



Dr. K. Naresh

Designation : Professor & Head
Specialization: Structural Engineering
Qualification : B.E, M.E., Ph.D
Experience : 31 Years



Mr. Shankaraiah G.M

Designation : Professor
Specialization: Highway & Traffic Engineering
Qualification : M.E
Experience : 43 Years



Dr. K. Satish

Designation : Professor
Specialization: Applied Geology
Qualification : MSc, Ph.D
Experience : 10 Years



Ms. Yashaswini R V

Designation : Assistant Professor
Specialization: Environmental Engineering
Qualification : M.Tech
Experience : 6 Years



Mr. Madhu Kumar V T

Designation : Assistant Professor
Specialization : Structural Engineering
Qualification : M.Tech
Experience : 5.5 Years



Mr. Harish Gowda R Patil

Designation : Assistant Professor
Specialization : Highway Technology
Qualification : M.Tech
Experience : 5 Years



Mrs. Renuka H R

Designation : Assistant Professor
Specialization : Environmental Engineering
Qualification : M.Tech
Experience : 4 Years



Mr. Shivaprasad D G

Designation : Assistant Professor
Specialization : Highway Technology
Qualification : M.Tech
Experience : 4.5 Years



Mr. Raghavendra H J

Designation : Assistant Professor
Specialization : Construction Technology
Qualification : M.Tech
Experience : 2.5 Years



Mrs. Priyankashri K N

Designation : Assistant Professor
Specialization : Environmental Engineering
Qualification : M.Tech
Experience : 5 Years



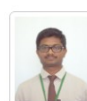
Ms. Dhanalakshmi M

Designation : Assistant Professor
Specialization : Transportation Engineering and Management
Qualification : M.Tech
Experience : 2.5 Years



Mr. Shivashankar R

Designation : Assistant Professor
Specialization : Structural Engineering
Qualification : M.Tech
Experience : 5 Years



Mr. Mohan K T

Designation : Assistant Professor
Specialization : Structural Engineering
Qualification : M.Tech
Experience : 15 Years



Mr. Rohith R Shenoy

Designation : Assistant Professor
Specialization : Structural Engineering
Qualification : M.Tech
Experience : 1.5 Years



Mr. Vinod M

Designation : Assistant Professor
Specialization : Infrastructure Engineering and Management
Qualification : M.Tech
Experience : 2 Years



Mr. Gurudeep B N

Designation : Assistant Professor
Specialization : Construction Technology
Qualification : M.Tech
Experience : 15 Years

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

The Department of Computer Science and Engineering was started in the year 2001 with a current intake of 120. Since then the department is striding in a progressive path. The department has a team of well qualified, experienced and dedicated staff members.

The department has well equipped laboratories with state of the art computing facilities installed with the necessary licensed softwares. The department is helping the students in getting exposure to the cutting edge technologies. Students are encouraged to participate in various intercollegiate technical events, cultural activities and sports.

The Department conducts Infosys Campus Connect program (ICC) to bridge the gap between Industry and Academia. Regular seminars, workshops and National Conferences are conducted under the banner of CSI – SKIT – Student Chapter, Bangalore Region. Guest Lectures by eminent Professors and Industry Experts are arranged regularly.

Vision

Creating Computer Science engineers for all computing solutions as we move towards our goal we contribute Computer Science engineers for IT solutions.

Mission

To create an environment for faculties and students to learn and express their knowledge to develop leadership qualities and passion for betterment of society.



Dr. Jagadeesh Gowda

Designation : Professor & Head
Specialization: Computer Science & Engineering, Network Security
Qualification : M.Tech, Ph.D
Experience : 23 Years



Dr. Shrishail Math

Designation : Professor
Specialization: Computer Science & Engineering, Computer Vision
Qualification : M.Tech, Ph.D
Experience : 22 Years



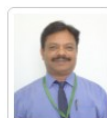
Mrs. Geetha Megharaj

Designation : Associate professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 22 Years



Mr. Naveen Ghorpade

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 12 Years



Mr. Lokesh H.D

Designation : Assistant Professor
Specialization: Networking
Qualification : M.Tech
Experience : 15 Years



Mr. Rajesh V

Designation : Assistant Professor
Specialization: Software Engineering
Qualification : M.Tech
Experience : 13 Years



Mrs. Savita B Patil

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 11 Years



Mrs. Mamatha T S

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 11 Years



Mrs. Chaithra G

Designation : Assistant Professor
Specialization: Computer Science & Engineering (Bio Informatics)
Qualification : M.Tech
Experience : 7 Years



Mr. Dhananjaya V

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 10.5 Years



Mrs. Akshatha Kamath

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 10 Years



Mrs. Nagarathna C

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 3 Years



Mrs. Chandana L S

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 1 Year



Mrs. Rashmi K T

Designation : Assistant Professor
Specialization: Software Engineering
Qualification : M.Tech
Experience : 9.5 Years



Mrs. Vanitha T N

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 6.6 Years



Mrs. Asha H R

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 6.6 Years



Mrs. Syeda Ayesha Unisa

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 3 Years



Mrs. Sowmya C V

Designation : Assistant Professor
Specialization: Computer Science & Engineering
Qualification : M.Tech
Experience : 2 Years

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical and Electronics Engineering was established in the year 2004. The department uses instruction techniques that are tuned for outcome-based education in a progressive way to improve the quality of graduate engineer comparable to international standards.

Department Faculties are committed and specialized in Power Systems, Industrial Drives, Power Electronics, Renewable Energy Sources, FACTS, Power and Energy Systems.

The department has excellent state of the art hardware and software resources. The students and the faculty members are actively involved in organizing and participating in various technical symposiums.

The graduating students are well placed in Govt. Sectors such as KPCL, KPTCL, ESCOM's, CPRI, BHEL and other core industries through campus placements and direct recruitment.

Vision

To impart quality education and develop the overall personality of the students to face the challenges of theatrical world and to lay the foundation for research and development activities.

Mission

To become one among the best departments in engineering and research arena through professional faculty and state of the art laboratories and to make the students successful engineers with good ethics.



Dr. Prathibha E

Designation : Professor & Head
Specialization: VLSI Design and Embedded System, Ph.d in Power Quality
Qualification : M.Tech, Ph.D
Experience : 18 Years



Mr. Shreedhar Naik B S

Designation : Assistant Professor
Specialization: VLSI Design and Embedded System
Qualification : M.Tech
Experience : 11 Years



Mrs. Chaitra A S

Designation : Assistant Professor
Specialization: VLSI Design and Embedded System
Qualification : M.Tech
Experience : 9 Years



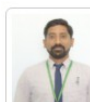
Mrs. Shravanthi A

Designation : Assistant Professor
Specialization: Computer Applications in Industrial Drives
Qualification : M.Tech
Experience : 4.4 Years



Mrs. Bharati S K

Designation : Assistant Professor
Specialization: VLSI Design and Embedded System
Qualification : M.Tech
Experience : 10 Years



Mr. Avinash S

Designation : Assistant Professor
Specialization: Power System
Qualification : M.Tech
Experience : 7.6 Years



Mr. Raghavendra K

Designation : Assistant Professor
Specialization: Computer Applications in Industrial Drives
Qualification : M.Tech
Experience : 5 Years



Mrs. Likhitha R

Designation : Assistant Professor
Specialization: Power System
Qualification : M.Tech
Experience : 9.6 Years



Mr. Praveen Kumar C

Designation : Assistant Professor
Specialization: Power System and Power Electronics
Qualification : M.Tech
Experience : 7 Years

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

The Department of Electronics and Communication Engineering was established in the year 2001 with a current intake of 90. The department is equipped with sophisticated laboratories and a separate departmental library facility with more than 1000 engineering text books.

The fast changing technological scenario poses to the institute in challenge of continuously updating its curriculum and faculty to be able to impart state-of-art education to the students. Changes, both major and subtle, have been made by the department of Electronics and Communication Engineering to be better prepared for tomorrow. The department has consistently intended to produce graduates of exceptional quality and caliber.

The department has IETE student chapter. Under this banner department conducts various curricular and co-curricular activities such as Workshops, seminars, Industrial visits etc. The students have carried out important projects in BEL, ISRO, HAL and implemented projects on QPSK modulation technique in VLSI using Xilinx FPGA, Image processing application for different domains, Sensors used in automation in autonomous mobile Robots, Bluetooth DAQ using ARM, Advance Traffic Control, and Fire Fighter Robot etc. Also, our Alumni are placed in the top notch MNC'S like Infosys, BEL, HP, TCS etc.

Vision

Empower every student to be creative and Productive in the field of Electronics and Communication Engineering by imparting quality education and inculcating human values.

Mission

- To establish as a Center of Excellence in Offering quality education in Electronics and allied subjects.
- To promote collaboration with industry for Constructive interaction, for better integration Of theory and application.



Dr. Manjunatha A

Designation : Professor & Principal
Specialization: Power System
Qualification : M.E, Ph.D
Experience : 30 Years



Mr. M. Nagaraja

Designation : Associate Professor
Specialization: Digital Electronics and Communication
Qualification : M.Tech
Experience : 23 Years



Mrs. Tejaswini M.

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems VLSI
Qualification : M.Tech
Experience : 13 Years



Mrs. Anupama Sindgi

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems
Qualification : M.Tech
Experience : 10 Years



Mr. Narasimha Murthy R

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems
Qualification : M.Tech
Experience : 6.5 Years



Mr. Arun Kumar R

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems
Qualification : M.Tech
Experience : 14.5 Years



Mrs. Vanitha K. S.

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems
Qualification : M.Tech
Experience : 10 Years



Mr. Amaresh C

Designation : Assistant Professor
Specialization: VLSI Design & Embedded Systems
Qualification : M.Tech
Experience : 8 Years



Mrs. N S Mythreye

Designation : Assistant Professor
Specialization: Digital Communication
Qualification : M.Tech
Experience : 7 Years



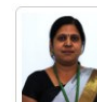
Dr. Devananda S N

Designation : Professor & Head
Specialization: Computer Network Engineering
Qualification : M.Tech, Ph.D
Experience : 21 Years



Mrs. Nayana Hegde

Designation : Assistant Professor
Specialization: Digital Communication and Networking
Qualification : M.Tech
Experience : 12 Years



Mrs. Kiranmayi M

Designation : Assistant Professor
Specialization: Digital Electronics
Qualification : M.Tech
Experience : 10 Years



Mrs. Shilpa Rani P

Designation : Assistant Professor
Specialization: Electronics
Qualification : M.Tech
Experience : 8 Years



Mrs. Syeda Nayeemunisa

Designation : Assistant Professor
Specialization: Communication Systems
Qualification : M.Tech
Experience : 11 Years



Mrs. Asha B.R

Designation : Assistant Professor

Specialization: Electronics

Qualification : M.Tech

Experience : 1 Year

DEPARTMENT OF INFORMATION SCIENCE ENGINEERING

Welcome to the Department of Information Science and Engineering at Sri Krishna Institute of Technology, Bangalore, Karnataka, India. It was started in the year 2001 with the current intake of 60. The department has well qualified experienced faculties who have excellent academic records and are highly regarded amongst students.

The department is well equipped with laboratories for U.G programme. The departmental library has good number of text books to meet the curriculum needs of the students. The department assists students in getting the internship, projects in well-known industries and ensures that our students are well prepared to play the roles of problem solvers, project leaders, entrepreneurs and above all ethical citizens of a global society.

The Department conducts Infosys Campus Connect program (ICC) to bridge the gap between Industry and Academia. Regular seminars, workshops and National Conferences are conducted. Guest Lectures by eminent Professors and Industry Experts are arranged regularly. One of the achievements of our students is taking a step towards the design and development of attendance and feedback system – software which is implemented at Institution level.

Vision

To build a strong foundation in the field of Information Science by imparting innovative ideas to meet the ever evolving global needs and to equip the students with the latest knowledge, skills and practical orientation to face challenges in IT profession.

Mission

To impart high quality training, education and competence in Information Science domain through best-in class faculty and facilities.



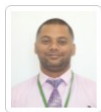
Dr. Hemalatha K. L

Designation : Professor & Head

Specialization: Computer Science and Engineering

Qualification : M.Tech, Ph.D

Experience : 16.6 Years



Mr. Y Vamsi Krishna

Designation : Assistant Professor
Specialization: Software Engineering
Qualification : M.Tech
Experience : 10.3 Years



Mrs. Manjula K

Designation : Assistant Professor
Specialization: Computer Networks and Engineering
Qualification : M.Tech
Experience : 10.3 Years



Mrs. Pallavi Gowdoor

Designation : Assistant Professor
Specialization: Computer Science and Engineering
Qualification : M.Tech
Experience : 10 Years



Mrs. Sandhya BR

Designation : Assistant Professor
Specialization: Computer Science and Engineering
Qualification : M.Tech
Experience : 6.5 Years



Mrs. Veena Maruti Naik

Designation : Assistant Professor
Specialization: Computer Science and Engineering
Qualification : M.Tech
Experience : 5.6 Years



Mr. Anil Kumar T

Designation : Assistant Professor
Specialization: Computer Networks and Engineering
Qualification : M.Tech
Experience : 3.3 Years



Mrs. Sowmya R

Designation : Assistant Professor
Specialization: Computer Science and Engineering
Qualification : M.Tech
Experience : 8 Months

DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering Department was started in the year 2004. Department is committed to well-being and all round development of its students.

Our faculties have extensive experience in industry, research as well as teaching. Our strength is a reflection of their skills. The department is recognized Research Center from VTU, more than 16 faculties are pursuing their PhD in the Department. The Department has received the grants upto 25 Lakhs from various agencies.

Mechanical Engineering changes under the influence of advanced computational tools, improved simulation analysis and entirely different manufacturing protocols. This has opened up new vistas of research in the department, such as Fracture Mechanics, Rapid Prototyping, Computational Heat Transfer, Solar Energy, Advanced Materials, Supply Chain Management, Advanced Manufacturing Processes, CAD/CAM/CIM, Robotics and Mechatronics. To work as a professional or as an entrepreneur by applying mechanical engineering principles and management practices.

The students of Mechanical Engineering carry out their Internships, Projects and Industrial Visits in well-known Industries. Also the students participated at National Level project Exhibitions and have presented numerous papers in conferences. As an annual event the Department conducts National Level Project Exhibition.

The Department takes pride in achievements of its alumni, who have shined in various walks of life.

Vision

Through the excellence of its people, the department of Mech. Engg. Will be recognized as a leader of its discipline in a manner exemplifies the land-grant tradition of learning, discovery and engagement.

Mission

Mechanical 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.



Dr. S.V. Prakash

Designation : Professor & Dean
Specialization: Production Management & CFD – Renewable Energy
Qualification : M.E, Ph.D
Experience : 27 Years



Dr. K M Kenchi Reddy

Designation : Professor
Specialization: Production Engg and System Technology
Qualification : M.Tech, Ph.D
Experience : 29 Years



Mrs. B. Nithya Aparna

Designation : Assistant Professor
Specialization: Machine Design
Qualification : M.E
Experience : 6 Years



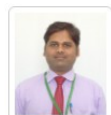
Mr. Harendra Kumar H V

Designation : Assistant Professor
Specialization: Machine Design
Qualification : M.Tech, (Ph.D)
Experience : 8 Years



Mr. Paramesha M

Designation : Assistant Professor
Specialization: Maintenance Engineering
Qualification : M.Tech, (Ph.D)
Experience : 6 Years



Mr. Appese S D

Designation : Assistant Professor
Specialization: Thermal Power Engg
Qualification : M.Tech
Experience : 2 Years



Mr. Prasanna Gouda

Designation : Assistant Professor
Specialization: Thermal Power Engg
Qualification : M.Tech
Experience : 3 Years



Mr. B.M. Krishna Gowda

Designation : Associate Professor
Specialization: Thermal Power Engg
Qualification : M.Tech, (Ph.D)
Experience : 14 Years



Mr. Pramod S. N

Designation : Assistant Professor
Specialization: Computer Integrated Manufacturing
Qualification : M.Tech, (Ph.D)
Experience : 8 Years



Mr. Sridhar H S

Designation : Assistant Professor
Specialization: Product Design & Manufacturing
Qualification : M.Tech, (Ph.D)
Experience : 6 Years



Mr. Navinash B C

Designation : Assistant Professor
Specialization: Computer Integrated Manufacturing
Qualification : M.Tech, (Ph.D)
Experience : 10 Years



Mr. Naveen Kumar Pattar

Designation : Assistant Professor
Specialization: Thermal Engg
Qualification : M.Tech
Experience : 1 Year



Mr. Doreswamy G V

Designation : Assistant Professor
Specialization: Thermal Power Engg
Qualification : M.Tech
Experience : 5 Years



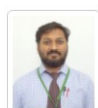
Prof. Sreenivasan A

Designation : Professor & HOD
Specialization: Machine Design
Qualification : M.Tech, (Ph.D)
Experience : 29 Years



Mr. Chandraiah M T

Designation : Assistant Professor
Specialization: Production Engg.
Qualification : M.Tech, (Ph.D)
Experience : 12 Years



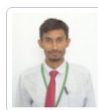
Mr. Deepak S

Designation : Assistant Professor
Specialization: Machine Design
Qualification : M.Tech, (Ph.D)
Experience : 6 Years



Mr. Dinesh P

Designation : Assistant Professor
Specialization: Tool Engineering
Qualification : M.Tech, (Ph.D)
Experience : 9 Years



Mr. Shankare Gowda K.C

Designation : Assistant Professor
Specialization: Computer Aided Engineering
Qualification : M.Tech
Experience : 5 Years



Mr. Sagar H N

Designation : Assistant Professor
Specialization: Machine Design.
Qualification : M.Tech
Experience : 2 Years



Mr. K B Arun Kumar

Designation : Assistant Professor
Specialization: Production Technology
Qualification : M.Tech, (Ph.D)
Experience : 5 Years

DEPARTMENT OF BASIC SCIENCE

Science is the basis for all the branches of Engineering discipline and the Basic Science Department stands as the main supportive department of SKIT. As a fundamental department, it supports all branches of Engineering; emphasis is laid on basics of Science and Engineering.

The Basic Science Department mainly comprises of Engineering Mathematics, Engineering Physics and Engineering Chemistry which form the main pillars of the Engineering programme. The Basic Science Department has well qualified, experienced and highly motivated faculties. The department has got a good infrastructure with well-equipped spacious laboratories. The department provides

outstanding teaching to the students to excel in academics. As prescribed by the VTU, the department conducts Induction Program for the First year students which give them the college bird's eye view about various dimensions of Engineering and the career opportunities for their future. The program also makes them to get acquaint with the environment of the college.

Many faculty members hold doctorates from reputed Universities across India and few are pursuing research in multi-disciplinary areas. The department is granted with several funding agencies for pursuing the research work. The department has been working towards fulfilling its mission through a synergistic combination of teaching and research.

Vision

To provide quality basic education and training in Basic Science.

Mission

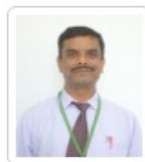
- To be a dynamic and competitive center of excellence in learning, teaching and research in Basic Science to ensure that the technical needs of students are addressed.
- Aiming for perfection and making them into better techniques.

DEPARTMENT OF CHEMISTRY



Dr. Shankara B S

Designation : Professor & Dean
Specialization: Co-ordination Chemistry
Qualification : M.Sc, Ph.D
Experience : 19 Years



Dr. Manju M

Designation : Professor
Specialization: Polymers
Qualification : M.Sc., PGDBC, M.Phil., Ph.D
Experience : 19 Years



Mrs. Padmini T N

Designation : Assistant Professor
Specialization: General Chemistry
Qualification : M.Sc,(Ph.D)
Experience : 8 Years

DEPARTMENT OF PHYSICS



Dr. Savita B. Hosur

Designation : Associate Professor
Specialization: Atomic and Molecular Physics – Nuclear Physics.
Qualification : M.Sc, Ph.D
Experience : 10 Years



Mr. Ravi S

Designation : Assistant Professor
Specialization: Solid State Physics
Qualification : M.Sc, M.Ed
Experience : 16 Years



Mr. Arun Kumar A M

Designation : Assistant Professor
Specialization: Solid State Physics
Qualification : M.Sc
Experience : 7 Years

DEPARTMENT OF MATHEMATICS



Prof. Mallikarjun G

Designation : Asso. Professor & HOD
Specialization: Graph Theory
Qualification : M.Sc, Ph.D
Experience : 24 Years



Mr. Veerasha A Sajjanara

Designation : Associate Professor
Specialization: Graph Theory
Qualification : M.Sc
Experience : 16 Years



Mr. Veerabhadraswamy V. C

Designation : Assistant Professor
Specialization: Mathematical Modelling
Qualification : M.Sc
Experience : 10 Years



Mrs. Smitha Nagabhushan

Designation : Associate Professor
Specialization: Mathematical Modelling
Qualification : M.Sc
Experience : 5 Years



Mrs. Pujitha

Designation : Assistant Professor
Specialization: Operation Research
Qualification : M.Sc
Experience : 3 Years



Dr. Puttaraju C

Designation : Professor
Specialization: Algebraic Graph Theory
Qualification : M.Sc, Ph.D
Experience : 20 Years



Mrs. Pavani A

Designation : Associate Professor
Specialization: Special Function
Qualification : M.Sc, Ph.D
Experience : 8 Years

What's new?

- Knowledge based, Project based and Experiential learning
- New courses on Design Engineering
- Sustainable Engineering,
- Life Skills
- Design Project for all branches.
- Academic calendar for curricular
- Co-curricular and extra-curricular activities

-
- Vacation for doing internship
 - Provision for remedial/bridge courses/ Language Lab, micro projects etc. in the curriculum
 - Co-curricular and extracurricular activities to develop soft skills
 - Nurture team work and leadership qualities, build entrepreneurial and trail blazing outlook are made mandatory
 - Provision to select interested elective courses
 - Academic Auditing to monitor teaching-learning process
 - Committees for ensuring academic discipline and students' welfare and for addressing students' grievances
 - Branch change facility after passing the first two semesters.

Salient features of the B.E Programme

B.E Programme is a credit based programme having a normal duration of four academic years, spanning eight semesters. On meeting specific conditions, a student can get a B.E (Honours) Degree.

B.E Programme Structure

- i) B. Tech. programme in all branches of study is structured on a credit based system following the semester pattern with continuous evaluation allowing flexibility for students to decide on the duration of programme completion.
- ii) Each semester shall have 50 instructional days, followed by end semester examinations.
- iii) The curriculum of any branch of the B.E programme is designed to have a minimum academic credits, for the award of the degree. Credits are assigned to courses based on the general pattern mentioned in the syllabus based on the following parameters like lecture hour per week, tutorial hour per week, laboratory/ practical session per week. Lectures, Tutorials and Practical are indicated in the curriculum as L - T - P followed by the Credits for them. If L - T - P is 3 - 1- 0 the credit is 4; Likewise for 2 - 0 -2 the credit is 3 and for 0 -0- 3 the credit is 1.
- iv) In a semester normally up to six lectures based courses and two laboratory/practical courses, carrying a maximum credit of 26, could be offered.
- v) Student Activities Points: In addition to academics, students have to actively engage in co-curricular and extra- curricular activities.

Curriculum, List of Courses and Syllabi

- i) Every branch of study in the B.E programme will have a curriculum, list of courses, syllabi and course plans approved by the Academic Committee of the University.
- ii) Courses are categorized as Core, Practical, Professional Electives and Open Electives .
- iii) Each course has a course number. Course number includes the offering department or knowledge segment code and a three digit number. Knowledge segment code is used when a course is offered by any one or more departments with the same course content and syllabus.
- iv) Curriculum and Syllabi are available in the website.
- v) Please note that each course is given an Examination Slot in the curriculum. This is for simplifying the End-Semester examination schedule. The semester examination schedule will give only the date and the corresponding slot, not the subjects. All subjects that are listed under a particular slot will have the examination on that day. Please note the courses you are attending and their slots.
- vi) Core courses, Prerequisites and Electives All courses listed in the curriculum, other than the electives, are core courses. Earning credits in the core courses is mandatory for the B.E. degree. If a student fails in an elective course, he/she can change the elective course with the permission of the faculty advisor concerned. For some courses there could be a prerequisite course completion/registration requirement.

Faculty Advisor/Counsellor

All students will have faculty advisors whose role will be:-

- To guide and help students on academics.
- To monitor their progress in academics and advise them
- To counsel them and hand-hold them in any difficulty.

Course Registration and Enrolment

It is mandatory for students to register for the courses they want to attend in a semester. Students admitted freshly to the first semester, are advised to register for all courses listed for the first semester. However they do not have to enrol for the semester. In each semester, all students have to register for the courses they desire to study in that semester. They have to enrol for these

courses for appearing in the examinations. Students can drop courses already registered for, at the time of enrolment. Students should clear all dues including any fees to be paid before enrolment and should not have any disciplinary issues pending. They have to remit examination fee as mentioned by the university at the time of registration/enrolment. The dates for registration and enrolment will be given in the academic calendar. Any late registration or enrolment are allowed along with the fine. A student can withdraw from a course or substitute one already registered by another on valid reasons with the approval of the faculty advisor. However this has to be done within seven working days from the commencement of the semester. The maximum number of credits a student can register in a semester is limited.

Fee charged by the University

The approved Fee Structure for B.E is as follows:

- a) Student Administration Fee : Rs. /- per student (One-time fee collected at the time of admission)
- b) Student Tution Fee: Rs. /-
- c) Examination Fee : Rs./- per Semester
- d) Late Fee : Rs./-
- e) Revaluation fee : Rs. /- per paper

The fee will be collected by the college at the administrative block.

Course Completion and Earning of Credits

Students registered and later enrolled for a course have to attend the course regularly and meet the attendance rules of the University and appear for all the internal evaluation procedures and end semester examination for the completion of the course. Credits for the course are earned only on getting a pass grade in the composite evaluation (i.e., internal evaluation + end semester exam).

Students who have missed either the first or the second test can register with the consent of the faculty and the Head of the Department (HOD) concerned for a re-test which will be conducted soon after the completion of the second test, but before the end semester examination. The re-test will cover course plans desired by the tutor. Those who have missed both the tests are not eligible to appear for the end semester examination. However, if one misses both tests due to medical reasons or other personal exigencies, based on genuine evidence, a single test will be conducted

covering the whole syllabus, before the end semester examinations. Decision on this will be taken by the Head of The Department, Dean and Principal.

Laboratory /Practical /Workshop courses

- i) Practical records and observation evaluation (Internally by the College)
- ii) Regular class experiment conduction and viva evaluation (Internally by the College)
- iii) Final practical exam evaluation (As per VTU guidelines)

All the above assessments are mandatory to earn credits. On completion of these, grades will be assigned. In case the Practical / Laboratory/ Workshop courses are not completed in the semester, grade fail (incomplete) will be awarded against the course and the final grade will be given only after the completion of the course/ assessments.

Seminar

Each student has to give a seminar on a professional topic of current interest in consultation with the faculty member in charge of the seminar in the Department. Students have to prepare a detailed report on the topic of the seminar and submit it to the teacher concerned. The seminar is to be of 20 minutes duration with another 5 minutes given for questions and answers. All students in the class have to attend the seminar without fail. Evaluation will be based on the report, seminar presentation as well as on the ability of the student to answer the questions put forward. Faculty member in charge of the seminar and another faculty member in the department nominated by the Head of the Department are the evaluators for the seminar. Distribution of marks for the seminar is as per the overall performance of the student in accordance with the VTU guidelines

Design Project

Each student or a group of students has to take up a design project. The project topic could be arrived at in consultation with any faculty member in the department. The Evaluation of the project will be done in two stages. Two project progress evaluations each carrying 100 marks in 7th semester and 200 marks in 8th semester are done. The project supervisor and two other faculty members from the same or any other department, nominated by the Head of the Department form

the evaluation board for the internal assessment and an external faculty member along with the internal for the evaluation of the external project presentation will be assigned.

Eligibility for writing the end semester examination and for grading

Important: The main eligibility criteria for appearing the end semester examination are

- (i) Minimum 85% attendance in each course,
- (ii) Minimum 45% internal marks for each course
- (iii) No pending disciplinary action.

Students who do not meet the above eligibility criteria are allowed to take up the examination. Those who have more than 45% marks in the end semester examination are awarded the grade based on both internal assessment and end semester examination marks. A student earns credits for a course if the grade is P or above.

Examination

End semester examination will be conducted by the University in all lecture based courses offered in the semester. The end semester examination will normally be of three hours duration, unless otherwise specified. Students, who have completed a course but could not write the end semester examination for valid reasons like illness or personal exigencies, are allowed to write the end semester examination at the next opportunity provided they meet other eligibility criteria. Grades awarded in the supplementary examination will be taken as the end semester grades in these courses.

Award of Grades

Grading is based on the % marks obtained by the student in a course. The grade card will only give the grades against the courses the student has registered. Semester grade card will give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average (CGPA) up to that semester

Grades and Grade Points

Grades and Grade Points as per UGC guidelines will be followed by the University Grades
Grade Point (GP) % of Total Marks obtained in the course:

90% and above A+ (Excellent) 9

85% and above but less than 90% A (Very Good) 8.5

80% and above but less than 85% B+ (Good) 8

70% and above but less than 80% B (Above Average) 7

60% and above but less than 70% C (Average) 6

50% and above but less than 60% P (Pass) 5

45% and above but less than 50% F (Fail) 0

Less than 45% FE 0 Failed due to eligibility

Incomplete SGPA and CGPA are calculated based on the above grading norms and are explained at the end of this document.

Eligibility for promotion to higher semesters

A student has to earn a minimum number of credits in a semester to be eligible to register for the new courses offered in the next semester. Students who do not meet this requirement are not permitted to register for new courses in the higher semesters. They have to register for the failed courses in normal semesters in which they are offered subject to the limitations imposed by the ordinances and course timetable. A student should not be carrying an arrear of more than 4 courses.

Break of Study

A student is permitted to have a break of study.

- i) In case of accident or serious illness needing prolonged hospitalization and rest.
- ii) In case of any personal reasons that need a break in study.

For break of study due to illness, student should submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back the student should submit the fitness certificate from the doctor who treated him.

Students who want a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same. In all cases of break of study the maximum duration for completing the B.E programme will be twelve semesters.

Revaluation and Grade Improvement

There is no provision for improving the grade. The students can apply for revaluation of answer scripts by remitting the requisite fee. The final mark awarded will be the best of the two marks. If the difference in marks obtained in revaluation and the original valuation is more than 15% of the maximum marks, it will be sent for third valuation. The final mark will then be the average of the closer of the two marks obtained in the three valuations to the advantage of the student. If this average mark is less than the original mark, the original mark will be retained. If 15% or more improvement is there in the revaluation, the fee collected will be refunded.

Grade Cards

Students who have written the end semester examination will be given the grade cards for the registered courses, in every semester by the respective colleges. On earning the required credits for the degree, a consolidated grade sheet for the B. E programme will be given by the University.

Classification of B.Tech Degree B.Tech degree will not have any classifications like distinction or first class. There will be no ranks awarded. B.E(Honours) Accredited departments in the universit , may offer B.E (Honours). Students with a CGPA above 8 at the end of the eighth semester and having no credit arrears only are eligible for this option. As only selected institutions may have this provision, students cannot demand this or move later to an institute where this is available. Furthermore their CGPA at the end of the programme should be 8 or higher. Those who opted for B. E (Honours) but unable to earn the required credits in 8 semesters or whose final CGPA is less than 8 shall automatically fall back to the B. E. programme.

Academic Calendar.

The Calendar Of Events for every academic semester will be published by the University in its website and will be adopted by the institute along with suitable changes. It indicates the commencement of the semester, date of beginning of instruction, the course registration and enrolment dates, the schedule for mandatory internal tests for theory courses, dates of completion of laboratory/practical evaluations, date for finalization of internal marks, last instruction day in the semester, planned schedule of end semester examinations and result declaration as well as approved holidays falling within the semester.

Discipline

SKIT has Committees, constituted by the Principal of the college for student welfare. It will have a Grievance Redress and Appeals Committee constituted by the Principal to address the grievances of the students and to consider their appeals on any decisions made by the college. Breach of guidelines and unfair practices in Examinations will be viewed seriously and appropriate actions will be taken by the college.

Academic Malpractices

Every student is required to observe discipline and decorous behaviour. Any act of indiscipline, misbehaviour and unfair practice in examinations will be referred to the Committee. Malpractices in examinations will be viewed seriously and any such incident observed or reported by a faculty member or an invigilator associated with the examinations will be reported to the Principal. On the basis of the report and evidence available or gathered, the committee shall immediately initiate an enquiry giving the concerned student a chance to explain his/her case. Based on this the committee will recommend the course of action in line with the guidelines formulated for this by the Controller of Examination of the University and forward it to the Principal for action. The student can appeal to the Grievances and Appeals Committee for a relook on the matter. Based on the committee's report, the Principal will take a final decision on the matter. The committee will be headed by a department head and will have other faculty members drawn from different departments as members. In case of malpractices in end semester examinations, the report given by the college and the action taken by the Principal will be intimated to the Controller of Examination of the University

Rules on Attendance

Attendance is marked for each course. 85% attendance is mandatory for writing the end semester examination in that course. Under unavoidable circumstances students are permitted to take leave. Leave is normally sanctioned for any approved activity taken up by students outside the college covering sports and other extracurricular activities. Leave is also permitted on medical grounds or on personal exigencies. Leave of absence for all these is limited to 15% of the academic contact hours for the course. In case of long illness or major personal tragedies/contingencies the college; Principal can relax the minimum attendance requirement to 75%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal will keep all records which

led to his decision on attendance, for verification by the Academic Auditor. However, this concession is applicable only to any two semesters during the entire programme. In case of prolonged illness, break of study is permitted.

Leave of Absence

Students who want to take leave have to submit a leave letter to the teacher conducting the course. For medical leave over three days, medical certificate indicating the need for leave is required. After any medical leave exceeding five instruction days, on re-joining, the student has to produce the fitness certificate given by the doctor.

Ragging

Ragging of any nature is a criminal and non-bailable offence. Involvement in ragging shall lead to stringent punishment, including imprisonment as per the law of the land. A student, whose involvement in ragging is established, shall be summarily dismissed from the college. Each student of the Institute, along with his/her parent, is required to give an undertaking in this regard and the same is to be submitted at the time of registration.

Eligibility for Award of Degree

The award of B.E (Honours) degree will be based on the recommendation of the Academic Committee and the approval of the Board of Governors and in accordance with the academic regulations. A student will be eligible for the award of B.E Degree on satisfying the following requirements

- (i) Earned credits for all core courses and the Project.
- (ii) Earned the required minimum credits as specified in the curriculum for the branch of study.
- (iii) No pending disciplinary action.

Norms for Inter College Transfer

1. The following Category of students is not eligible for intercollege transfer
 - a) Govt. of India Nominee
 - b) Management Quota in Aided Colleges

c) Any other category which are ineligible as per the conditions for admission prescribed by Govt. of karnataka/ Govt. of India.

2. Inter college transfer shall be applicable only for regular B.E students.

3. Inter college transfer shall be permitted before the commencement of the third semester

4. Inter college transfer shall be effected within the sanctioned strength of the college

5. The Transfer shall be permitted

(i) Between Govt. / Govt. Aided Colleges.

(ii) Govt. and Govt. Aided colleges to self-financing colleges.

(iii) Between Self- financing Colleges. (Including Govt. controlled)

6. Notification inviting application for Inter College Transfer will be issued by the University during the second semester.

7. The candidate should fulfil the academic eligibility requirement for the promotion to the Third Semester.

8. If the numbers of applicants are more than the seats available, the admission may be based on the GPA obtained in the first semester.

9. The students will have only one option of the college for transfer.

10. The request for the transfer shall be submitted to the college in which the transfer is sought with the recommendation of the Principal of the college in which the student is currently studying.

11. The selected candidates shall remit a fee (No fee for SC/ST students) within the stipulated date to SKIT while joining in the new college.

12. The college transfer once approved by the receiving college will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of college once offered.

Norms for Branch change

1. A student admitted to a particular branch of the B.E programme will normally continue studying in that branch till completion.

2. However, in special cases the University may permit a student, who has requested for a change from one branch of study to another after the first two semesters, strictly in accordance with the provisions laid down hereinafter.

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3. Only those students who have (a) completed all the credits prescribed in the first two semesters of their studies, and (b) obtained a CGPA not lower than 7.5 (6.5 for SC/ST students) at the end of the second semester will be eligible for consideration for a change of branch after the second semester.
 4. Change of branch shall be made strictly on the basis of CGPA of S1 & S2 at the end of second semester of the applicant.
 5. Change of branch will be considered only in the college in which the applicant is presently studying to the vacant seats within the sanctioned strength of the branch in the college.
 6. The notification regarding the transfer of branch will be published in the website of the college after the semester examination. The colleges have to collect the applications from the students, list them in the website and inform the College.
 7. Students can give only one choice of branch, to which they wish to change over.
 8. All changes of branch made in accordance with the above rules will be effective from the third semester of the applicants concerned. No changes of branch shall be permitted thereafter.
 9. All changes of branch will be final and binding on the applicant. No student will be permitted, under any circumstances, to refuse the change of branch once offered.
 10. The appropriate credits applicable to the new branch of study earned by the student in the first two semesters will be transferred to him in the new branch. The college will have to make sure the academic requirements given in the table below are met to undergo the study in the new branch.

Addendum

Calculation of SGPA/CGPA Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows. $SGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}$ where C_i is the credit assigned for a course and GP_i is the grade point for that course. Summation is done for all courses registered by the student in the semester. Here the failed courses are also accounted. $CGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}$ where C_i is the credit assigned for a course and GP_i is the grade point for that course. Summation is done for all courses registered by the student during all the semesters for which the CGPA is needed. Here the failed courses are also accounted. CGPA of all courses passed may also be given. CGPA for the B.E programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.