



KSIT
K. S. INSTITUTE OF TECHNOLOGY

K.S.INSTITUTE OF TECHNOLOGY

ACADEMIC RULES & REGULATIONS

APPLICABLE

TO

MASTER OF TECHNOLOGY PROGRAMMES

OF

AUTONOMOUS SCHEME

(With Effect from 2025-2026)



K. S. INSTITUTE OF TECHNOLOGY

An Autonomous Institution, under Visvesvaraya Technological University,
Belagavi (Approved by AICTE, New Delhi & Government of Karnataka)

Accredited by NAAC with 'A+' Grade, NBA (CSE, ECE)

#14, Raghuvanahalli, Kanakapura Road, Bengaluru-560 109, Karnataka, India.



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#14, Raghuvanahalli, Kanakapura Road, Bengaluru-560 109, Karnataka, India.

Vision

- To impart quality technical education with ethical values, employable skills and research to achieve excellence.

Mission

- To attract and retain highly qualified, experienced and committed faculty.
- To create relevant infrastructure.
- Network with industry and premier institutions to encourage emergence of new ideas by providing research and development facilities to strive for academic excellence.
- To inculcate the professional and ethical values among young students with employable skills and knowledge acquired to transform the society.

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GOVERNING BODY /COUNCIL

Composition of GC:

Chairman : President, Kammavari Sangham

Convener : Principal of the Institute

Members : Five members nominated by Management

1. Two senior faculty members nominated by the principal
2. Two Educationalist/Industrialist nominated by the Management
3. One member nominated by VTU.

Functions of GC:

1. To monitor conduction of examination and publishing the results.
2. Recommend and forward the results of examinations to the University for the Award of Degree.
3. Approval for the issue of grade cards to the students.

A. CONSTITUTION OF GOVERNING BODY OF THE COLLEGE RUN BY TRUST

MEMBERS OF THE GOVERNING BODY

Category	Position	Designation	Name
Management [5] [Two members to be updated by management]	Chairman	President, Kammavari Sangham	Sri R. Rajagopal Naidu
	Members	Hon. Secretary, Kammavari Sangham	Sri R. Leela Shankar Rao
		Treasurer, Kammavari Sangham	Sri T. Neerajakshulu Naidu
		Vice President	Dr. M. Rukmangada Naidu
		Vice President	Sri. B. Lokanadha Naidu
Teachers of the college [2]	Director (Admissions & PR), Prof. ECE dept.	Dr. Sangappa S B	
	IQAC coordinator & Prof. & Head Dept. of Computers & Communication Engg.	Dr. Chanda V Reddy	
	Dean Academics & Prof. & Head ECE dept.	Dr. P N Sudha	
Administrative Staff [1]	Office Manager	Mr. Y.V. Kesavan	
	Office superintendent	Mrs. C. Jyothi	
Educationist [1] or	Principal & Professor, Department of IEM, R. V. College of Engineering, Mysore Road. principal@rvce.edu.in subramanyakn@rvce.edu.in	Dr. K.N. Subramanya	

[1 member to be selected by management]	Members	Director Professor of Mechanical Engineering, Adhiyamaan College of Engineering. director@adhiyamaan.ac.in	Dr. G. Ranganath
Industrialist [1]		Analog Circuit Designer Intel Corporation, Intel, Bengaluru, Karnataka. ravichandran.Manjunath@gmail.com	Mr. Manjunath R
State Government nominee [1] [By VTU]		Academician not below the rank of professor or State Government official of Directorate of Higher Education/State Council of Higher Education	
VTU Nominee [1] [Nominated by the University]		Principal & Director, Channabasaveshwara Institute of Technology Gubbi, Tumakuru Road GUBBI-572216 director@cittumkur.org	Dr. Suresh D S
Member Secretary		Principal & Director	Dr. Dilip Kumar K

Academic Council (AC)

Composition of AC:

- Chairman : Principal of the Institute
- Convener : Dean Academic
- Members : All the Heads of Academic Departments in the Institute.

Functions of AC:

1. Scrutinize, approve and modify (if required) the proposals, recommended by the Board of Studies with regard to scheme, syllabi, curriculum and evaluation guidelines.
2. Frame Regulations consistent with the university norms/Guidelines for the conduct of examinations and initiate measures for improving the quality of teaching, student's performance evaluation and student advisory system in the Institute.
3. Approve the list of successful candidates for conferment of Degrees to the University.
4. Submissions of recommendations with norms to the Governing Body for institutional scholarships, fellowships, prizes and medals.

COMPOSITION OF ACADEMIC COUNCIL

Category	Position	Designation	Name
Principal	Chairman	Principal & Director	Dr. Dilip Kumar K
Heads of the department	Members	Prof. & Head AIML Prof. & Head CSD IQAC & Prof. & Head CCE Prof. & Head CSE (ICB) Prof. & Head CSE Prof. & Head ECE Prof. & Head MECH Prof. & Head Mathematics Assoc Prof. & Head Physics Asst. Prof. & Head Chemistry	Dr. Suresh Dr. Deepa. S. R Dr. Chanda V Reddy Prof. Kushal Kumar B N Dr. Rekha B Venkatapur Dr. P. N Sudha Dr. Anil Kumar Dr. Jalaja P Dr. Shashikala B S Dr. Kiran Kumar
Teaching Staff		Prof. dept. of ECE Assoc. Prof. dept. of Mathematics Assoc. Prof. dept. of Mech. Engg. Assoc. Prof. dept. of CSE	Dr. Rekha N Dr. Venkataramana B S Mr. M. Nagabhushana Mr. Raghavendrachar S
Industrialist [2]		Technical Director Technical Talent Development at Texas Instruments. Chief Growth officer- Pravaara Technologies, Bengaluru.	Mr. C P Ravi Kumar Dr Naganagouda S J

Educationist [3]	Principal & Professor ECE dept., Nitte Meenakshi Institute of Technology, Bengaluru. Principal & Professor Mechanical Engineering. New Horizon College of Engineering, Bengaluru. PhD (CSE), Professor at BMS College of Engineering, Bengaluru.	Dr. H.C. Nagaraj Dr. Manjunatha Dr. H S Guruprasad
VTU Nominees [3]	Professor & Head ECE dept. Don Bosco Institute of Technology, Kumbalgodu Mysore Road, Kengeri Hobli, Bengaluru-560074 Professor , Dept. of CSE, R V College of Engineering, R V Vidyaniketan Post, Mysore Road 8th Main, Bengaluru-560059 Professor ECE dept. Bangalore Institute of Technology, K R Road, V V Puram, Bengaluru-560004	Dr. Manjunatha Reddy H S Dr. Nagaraj G.S. Dr. Vijaya Prakash A M
The Controller of Examiner	CoE & Prof. Mech dept.	Dr. Umashankar M
Member Secretary	Dean Academics & Prof. & Head ECE dept.	Dr. P N Sudha

FINANCE COMMITTEE:

COMPOSITION OF FINANCE COMMITTEE

Category	Position	Designation	Name
Principal	Chairman	Principal & Director	Dr. Dilip Kumar K
Governing Body Nominee	Members	Prof. & Head CSE	Dr. Rekha B Venkatapur
Senior Teaching Faculty		Assoc. Prof. dept. of ECE	Dr. Devika B
Finance officer		Office Manager	Mr. Y.V. Kesavan

BOARD OF STUDIES (BOS)

COMPOSITION OF BOARD OF STUDIES (BOS):

Chairman : Head of the Department

Convener : Convener DAAC

Members : All members of DAAC

1. Two experts from outside the Institute.
2. One expert from outside the Institute nominated by the Vice Chancellor from a panel of six recommended by the principal.
3. One representative from Industry /Corporate sector/allied area nominated by the AC.
4. One post graduate meritorious alumnus to be nominated by the principal.
5. Chairman co -opts the members of BOS.
6. Co-opted Experts from outside the Institute whenever special courses of studies are to be formulated.
7. Other members of the faculty of the same department.

Functions of BOS:

1. Prepare the scheme of study, examination and syllabi for various program keeping in view the vision / mission objectives of the institute, interest of the stakeholders and State/National requirements for the consideration and approval of academic council.
2. Suggest HODs for improving teaching and evaluation techniques.
3. Prepare panel of experts for appointment as examiners.
4. Guide the department with respect to teaching, research, product development, extension and other academic activities.
5. Perform any other function assigned by the AC.

COMPOSITION OF BOARD OF STUDIES:

COMPUTER SCIENCE AND ENGINEERING & ALLIED BRANCHES FOR UG & PG

Category	Position	Designation	Name
Head of the Department	Chair Person	Professor & Head, CSE	Dr. REKHA.B.VENKATAPUR
All faculty members of the department (HoDs of Allied Branches)	Members	Professor & Head, AI-ML	Dr. SURESH M.B.
		Professor & Head, (CCE)	Dr. CHANDA.V.REDDY
		Professor & Head, CSD	Dr. DEEPA. S. R.
		Assoc. Professor & HOD, ICB	Mr. KUSHAL KUMAR. B.N
		Professor & HOD, MCA	Dr. SNEHA GIRISH
		Assoc. Professor, CSE	Dr. SUNITA CHALAGERI
		Assoc. Professor, CSE	Prof. RAGHAVENDARCHAR.S
		Assoc. Professor & PG Coordinator, CSE	Prof. KRISHNA GUDI
		Asst. Professor, AI-ML	Dr. SAHANA SALAGERE
		Assoc. Professor, CSD	Dr. SUREKHA BYKOD
		Asst. Professor, CCE	Prof. SHASHIKALA
Two subject experts from outside the parent university nominated by the Academic council		Professor & Chairperson, CSE(AI-ML), PES UNIVERSITY, jayashree@pes.edu Mobile no: 9845897074	Dr. JAYASHREE. P.
		Professor & Chairperson, CSE(AI-ML), DAYANANDSAGAR UNIVERSITY jayavrindav@gmail.com Mobile no: 9636602677	Dr. JAYAVRINDA VRINDAVANAM V
One expert nominated by the Vice chancellor		Asso. Prof., CS dept. M S Ramaiah Institute of Technology, Vidya Soudh, M S Ramaya Nagar, MSRIT Post, Bengaluru-560054	Dr. SOWMYA B J
One industry representative nominated by Principal		Principal Scientist, Philips India Research, Philips, dineshmys@gmail.com Mobile No: 9880382993	Dr. M.S. DINESH,
One Alumni nominated by Principal		(UG- 2014 Batch) Managing Engineer, Allstate India sbirc@allstate.com , Mobile no: 9980915849 Experience: 11 Years	Mr. SHARANGOUD BIRADAR
		(PG-2019 Batch) Software Engineering, Thermo Fisher Scientific, Mobile No. 91641 33511 (Experience: 15 Years) madhusudhan.gl@thermofisher.com	Mr. MADHUSUDHAN G L
Special Invitee		Director, Dept of MCA, Surana college, Bangalore University, Mobile No.: 9886571989, balaji.mca@suranacollege.edu.in .	Dr. Balaji K

COMPOSITION OF BOARD OF STUDIES:

ELECTRONICS & COMMUNICATION ENGINEERING

Category	Position	Designation	Name
Head of the department	Chairman	Prof. & Head ECE	Dr. P. N SUDHA
Faculty members of the department	Members	Director Admin & PR, Professor Professor Associate Professor Associate Professor Associate Professor Assistant professor Assistant professor	Dr. SANGAPPA.S.B Dr. REKHA N Dr. DINESH KUMAR D S Dr. ELECTA ALICE JAYARANI A Dr. BHARATHI GURURAJ Mrs. SANGEETHA.V Mrs. BHANUMATHI A
Two subject experts from outside the parent University are to be nominated by the Academic Council		Associate Professor Dept. of CSE(AI&ML) Dayananda Sagar University 98844701004. abdulhaq-aiml@dsu.edu.in Professor Dept. Of ECE NITTE Meenakshi Institute of Technology, deemed to be university paramesh@nmit.ac.in	DR. ABDUL HAQ NALBAND DR. PARAMESHACHARI B D
One expert to be nominated by Vice-Chancellor		Prof. & Head EEE, Sheshadripuram College of Engineering., Ring Road Hebbal, Mysuru-570017 surekha.manoj@sitmysore.ac.in	Dr. SUREKHA MANOJ
One Representative from industry /corporate sector/allied to be nominated by the Principal		Head of Technology strategy, COE, IOT EDGE, SENSORS, & CONNECTIVITY, BOSCH drguruprasad@in.bosch.com	Dr. GURUPRASAD A S
One member of the college alumni to be nominated by the Principal		Senior Member Technical Staff Designing Engineering. Advanced Micro Devices, White field syamini@amd.com	Mr. SOMASHEKAR YAMANI

COMPOSITION OF BOARD OF STUDIES:

MECHANICAL ENGINEERING

Category	Position	Designation	Name
Head of the department	Chairman	Prof. & Head	Dr. ANILKUMAR A
Faculty members of the department	Members	Associate Prof	Mr. NAGABHUSHANA
		Associate Prof	Dr. NAGAPRASAD K S
		Associate Prof	Dr. NIRMALA L
		Asst. Professor	Dr. HARISH U
Two subject experts from outside the parent University are to be nominated by the Academic Council		Associate Prof. Dept. of Mechanical Engg, REVA University. vijee.kumar@reva.edu.in	Dr. VIJEE KUMAR
		Professor, Dept. of Mechanical Engg . MSRUAS [MS Ramaiah University of Applied Sciences]	Dr. SURESH R
One expert to be nominated by Vice-Chancellor		Professor Dept. of Mechanical Engg. Govt., Engineering College Bedarapura, Chamarajnagara-571313	Dr. T LOKESH
One Representative from industry /corporate sector/allied to be nominated by the Principal		Group Manager, Global Project Manager for worldwide projects, Bosch Ltd, Bangalore	Mr. Prasanna Kiran
One member of the college alumni to be nominated by the Principal		Asst. Manager PE-Projects and Development, Toyota Industries Engine India	Mr. Vamshi Krishna B

COMPOSITION OF BOARD OF STUDIES:

APPLIED SCIENCE AND HUMANITIES

Category	Position	Designation	Name
Head of the department	Chairman	Professor & Head (Mathematics)	Dr. JALAJA P
		Associate Professor Head (Chemistry)	Dr. KIRAN KUMAR S R
		Associate Professor Head (Physics)	Dr. SHASHIKALA B.S
Faculty members of the department	Members	Associate Professor (Mathematics)	Dr. VENKATARAMANA B S
		Assistant Professor (Mathematics)	Mr. NAVEEN V
		Assistant Professor (Chemistry)	Dr. HARISHA S
		Associate Professor (Physics)	Dr. SHEEJA KRISHNAN
		Assistant Professor (Humanities)	Mrs. ANURADHA M V
Two subject experts from outside the parent University are to be nominated by the Academic Council		Associate Professor GITAM University	Dr. VENKATESHWARALU B (Mathematics)
		Professor, Dayananda Sagar University	Dr. A.V. RAGHU (Chemistry)
		Professor & Head, Christ University	Dr. SHILPASHREE S P (Physics)
		Associate Professor & Head Department of Humanities, Govt. SKSJ Technological Institute, K R Circle, Bengaluru -560001	Dr. RAJASHEKHAR M N (Humanities)
		Associate Professor Dept. of Chemistry, Global Academy of Technology, Bengaluru-560098, Mobile No: 9916642780	Dr. BHASKAR M.
One expert to be nominated by Vice-Chancellor			
One Representative from industry /corporate sector/allied to be nominated by the Principal		Senior Manager in Semiconductor Industry (SanDisk, Bengaluru) (Physics)	Mr. SUJITH THOMAS (Physics)
One member of the college alumni to be nominated by the Principal		SOFTWARE ENGINEER, INDUSTRIAL AUTOMATION, EMBEDDED SYSTEMS, keerthangowdas222@gmail.com Mobile No.: 9845871477	KEERTHAN GOWDA S

Board of Examiners (BOE)

COMPOSITION OF BOE

CHAIRMAN: HEAD OF THE DEPARTMENT

MEMBERS: TWO/THREE FACULTY MEMBERS RECOMMENDED BY HOD COVERING DIFFERENT AREAS OF SPECIALIZATION.

1. Two/Three experts from other Local Institutions.
2. Chairman can co-opt few internal faculty members.

FUNCTIONS OF BOE:

1. Identify and forward the panel of examiners for each course to the Controller of Examination.
2. Identifying and assigning responsibility of question paper setting and scheme preparation.
3. Scrutinize and approve the question papers and scheme of evaluation.
4. Analyze the semester end examination results of all the semesters.

Joint Board of Studies (JBOS)

Responsible for discussing common academic issues and recommend to academic council for approval.

COMPOSITION OF JBOS

CHAIRMAN : PRINCIPAL

CONVENER : DEAN ACADEMIC

MEMBERS : CHAIRMAN OF BOS FROM ALL DEPARTMENTS,
CONTROLLER OF EXAMINATION.

INVITEES : INDUSTRY EXPERTS.

FUNCTIONS OF (JBOS):

Recommending to AC for Approval of:

1. The amendments to Rules and Regulations of Academic Program.
2. The scheme of study and Examination of first year Engineering Program.
3. Question paper pattern for theory courses.
4. Introduction of any new Open Elective/Humanities Science and other common courses in the curriculum.
5. Action plan for implementation of AICTE activity points.
6. Action plans for implementation of BE Honors & Minor Degree.

INSTITUTE ACADEMIC AFFAIRS COMMITTEE (IAAC)

COMPOSITION

CHAIRMAN : PRINCIPAL – DR. DILIP KUMAR K

CONVENER : DEAN ACADEMIC – DR. P. N. SUDHA

IAAC COORDINATOR : DR. SURESH B M (AIML HOD)

MEMBERS :

COMMITTEE DETAIL	MEMBERS
COE	DR. UMASHANKAR M
IQAC COORDINATOR	DR. CHANDA V REDDY
STUDENT WELFARE COORDINATOR	DR. SALEEM S TEVARAMANI
MENTOR COORDINATOR	MR. KUSHAL KUMAR B N
SKILL DEVELOPMENT COORDINATOR	DR. SNEHA GIRISH
DAAC COORDINATOR	DR. SAHANA SALAGERE
HEADS OF ACADEMIC DEPARTMENTS	DR. REKHA B VENKATAPUR DR. DEEPA S R DR. GIRISH SHASTRY

Functions of IAAC:

1. Responsible for implementation of all academic decisions of AC and monitoring the registration of students, formulation of guidelines for conduct examination and evaluation and all the issues connected to the academic activity.
2. Responsible for the award of 'I' Grade and approving the course to be studied by students having shortage of credits for award of Degree.
3. Approval of drop and withdrawal of courses.
4. Review of CO, PO and PSO attainment and suggesting action plan for improvement.

DEPARTMENTAL ACADEMIC AFFAIR COMMITTEE (DAAC)

COMPOSITION

CHAIRMAN: HOD OF THE DEPARTMENT

CONVENER: SENIOR PROFESSOR

MEMBERS: ALL PROFESSORS, ASSOCIATE PROFESSORS AND TWO ASSISTANT PROFESSORS OF THE DEPARTMENT.

FUNCTIONS OF DAAC:

1. Appointment of Program/Academic Coordinator, Module and Course Coordinators.
2. Responsible for constitution of department curriculum design committee for drafting scheme of study, examination and syllabi for program offered in the department. This draft scheme and syllabi will be placed before the BOS for deliberation and adaption.
3. Helps Dean Academic and HODs in the registration of all departmental courses and preparation of Academic Time Table.
4. Responsible for departmental Project evaluation committee (DPEC) for project evaluation and departmental Internship evaluation committee (DIEC) for the evaluation of student Projects and Internship/Industrial training/Field training.
5. Responsible for Identification of courses to be offered during supplementary semester, allotment of guides for mini and major projects and recommending a course to be studied by students having shortage of credits for the award of Degree.
6. Scrutiny of Test Question Papers for its compliance to Blooms level and CO & PO mapping.
7. Approval of registration to different core and elective courses of failed students.

DEPARTMENTAL ACADEMIC AFFAIR COMMITTEE (DAAC)

COMPOSITION OF COLLEGE LEVEL DAAC

COORDINATOR : DR. SAHANA SALAGERE

MEMBERS :

DEPARTMENTS	MEMBERS
CCE	MRS. SHASHIKALA
CSE	MRS SHEEBHA
CSE (ICB)	MRS. RAJASHREE
CSD	DR. SUREKHA
ECE	DR. DINESH KUMAR
ME	MR. K PRASAD
MCA	MRS. HARILAKSHMI

MALPRACTICE CASES CONSIDERATION COMMITTEE (MCC)

To conduct enquiry of the students indulged in malpractice and decide the nature of punishment to be enforced depending upon the gravity of the offence.

COMPOSITION OF MCC

CHAIRMAN : PRINCIPAL – DR. DILIP KUMAR K

CONVENER : CONTROLLER OF EXAMINATION – DR. UMASHANKAR M

MEMBERS :

COMMITTEE DETAILS	MEMBERS
DEAN ACADEMIC	DR. P. N. SUDHA
COE	DR. UMASHANKAR M
STUDENT WELFARE COORDINATOR	DR. SALEEM S TEVARAMANI
MENTOR COORDINATOR	MR. KUSHAL KUMAR B N
SQUAD COORDINATOR	MR. CHRISTO JAIN
CONCERNED HEAD OF DEPARTMENT	
CONCERNED MENTOR	
ROOM INVIGILATOR	

SPECIAL INVITEE : LEGAL ADVISOR OF THE COLLEGE

RESPONSIBILITIES OF MCC:

Conducting enquires of malpractice cases and recommending penalties /punishments to the students involved in malpractice during examination.

Depending on severity of the Malpractice in CIE or SEE, the committee shall decide on penalties and punishments to be awarded to students involved in malpractice.

SQUAD COMMITTEE MEMBERS	
ECE	MR. CHRISTO JAIN
ECE	MRS. BHANU
CSE	MR. KRISHNA GUDI
CSE	MRS. SHRUTHI
CCE	MRS. SHASHIKALA
ME	DR. HARISH U
MCA	MRS. BASAVARAJESHWARI

RESEARCH COMMITTEE (RC)

COMPOSITION OF RC

COORDINATOR: DR SHEEJA KRISHNAN

MEMBERS :

DEPARTMENTS	MEMBERS
AIML	DR. SAHANA SALEGERE
CCE	MRS. SHASHIKALA
CSD	DR SUREKHA
CSE	DR VIJAYALAKSHMI
CSE(ICB)	MRS. POORNIMA
ECE	DR. REKHA N
ME	DR. SALEEM KHAN
ASH	DR. VENKATRAMANA DR. HARISH

ONLINE or MOOC or SWAYAM COURSE COMMITTEE (OCC)

COMPOSITION OF OCC

COORDINATOR : PROF. T SOMASEKHAR, CSE DEPT.

MEMBERS :

DEPARTMENTS	MEMBERS
AIML	MRS. USHA SRI
CCE	MRS NAGA JYOTHI
CSD	MRS. SATHYS SHEELA.
CSE	DR. SOUBHAGYA
CSE(ICB)	Mrs. RAJASHREE M BYALAL
ECE	MRS. BHARGAVI
ME	DR. NAGA PRASAD K S
ASH	DR. VENKATARAMANA B S

PROJECT EVALUATION COMMITTEE (PEC)

COMPOSITION OF PEC

COORDINATOR : DR. BHARTHI GURURAJ, ECE DEPT

MEMBERS :

DEPARTMENTS	MEMBERS
AIML	Mrs. RENUKA PATIL
CCE	Mrs. SHASHIKALA
CSD	MRS AMMUBHUVANA
CSE	Mr. RAGHAVENDRACHAR S
CSE(ICB)	Mrs. SUREKHA BHANGARI
ECE	Mrs. BHARGAVI ANANTH
ME	Dr. NIRMALA L
ASH	MRS BASAVARAJESHWARI

INTERNSHIP EVALUATION COMMITTEE (IEC)

COMPOSITION OF

COORDINATOR : DR. VIJAYALAKSHMI MEKALI

MEMBERS :

DEPARTMENTS	MEMBERS
AIML	MR KASHYAP VIJAYKUMAR
CCE	MRS. D SARITHA
CSD	MRS ROOPA K
CSE	MR. T SOMASEKHAR
CSE(ICB)	Mrs. MEGHA SHREE C
ECE	MR SANTHOSH KUMAR
ME	DR. HARISH U
ASH	MRS. HARILAKSHMI V M

SKILL DEVELOPMENT COMMITTEE (SDC)

COMPOSITION OF SDC

COORDINATOR : DR. SNEHA GIRISH, MCA HOD

MEMBERS :

DEPARTMENTS	MEMBERS
AIML	MR KASHYAP VIJAYKUMAR
CCE	MRS. SHILPA M.
CSD	MRS. SATYA SHEELA D.
CSE	MRS. SHRUTHI T.S.
CSE(ICB)	MS. RACHANA V. MURTHY
ECE	DR. SALEEM S. TEVARAMANI
ME	MR. MANJUNATH B. R.
ASH	MR. TRIMURTHY R.- KANNADA MR. NAVEEN V.- NSS MR. UMESHA- SPORTS MRS. PREETHI- YOGA

PREAMBLE

KAMMAVARI SANGHAM

The Kammavari Sangham, a multi-activity non-profit oriented voluntary service organization, was established in the year 1952 with the sole objective of providing charitable service to community and society.

The Kammavari Sangham has diversified its activities since its establishment over five decades ago. With a firm Belief that quality and meaningful education only can lay the strong foundation for bringing about economic and social changes to the lives of thousand, the Kammavari Sangham went about establishing educational institutions, starting with K. S. Polytechnic in 1992.

Enthused with this success of its foray into technical education, the Kammavari Sangham moved forward by starting the K. S. Institute of Technology (KSIT) Its Engineering College in the year 1999. In the years that followed, KSIT quickly earned an outstanding reputation for academic excellence. The Sangham's collective group of institutions, known as Kammavari Sangham Group of Institutions (KSGI), embodies its commitment to comprehensive education. The commitment to fostering education continued with the inception of K. S. School of Engineering and Management (KSSEM) in 2010, further solidifying the Kammavari Sangham's dedication to providing advanced technical and management education. Additionally, the K. S. School of Architecture (KSSA) was established in 2015, offering specialized education in architectural studies.

To cater to pre-university students, the Kammavari Sangham founded K. S. Pre-University College, which has been instrumental in preparing students for higher education and future careers.

Reflecting its continued commitment to academic excellence and societal progress, the K.S. Group has established K.S. Degree College with the vision of providing quality education and fostering innovation

All these institutions have established themselves as centre of learning and have contributed significantly to the community by offering scholarships and free hostel accommodations to deserving students, further underscoring the Kammavari Sangham's unwavering commitment to education and social upliftment.

K. S. INSTITUTE OF TECHNOLOGY

A LEADING INSTITUTION IN ENGINEERING AND MANAGEMENT EDUCATION

Nestled in Bengaluru, India's vibrant "Silicon Valley," **K. S. Institute of Technology (KSIT)** has been a pillar of educational excellence since its establishment in 1999. The city, renowned for its dynamic technology sector, cosmopolitan culture, and pleasant climate, provides an inspiring backdrop for innovation and academic pursuits. Bengaluru's thriving tech ecosystem and diverse cultural heritage create the perfect environment for students to learn, grow, and excel. Founded under the prestigious Kammavari Sangham Group of Institutions, KSIT embodies a legacy of philanthropy and commitment to societal progress. With a focus on holistic development, the institute combines rigorous academics with a wide array of opportunities for co-curricular and extracurricular activities, fostering creativity, leadership, and teamwork. KSIT boasts state-of-the-art sports facilities and actively promotes physical well-being and a spirit of healthy competition through inter-collegiate events. Its vibrant clubs and societies cater to diverse interests, ensuring students experience comprehensive personal and professional growth beyond the classroom.

Accredited by the **National Assessment and Accreditation Council (NAAC) with an A+ grade** for five years i.e. till **3rd Aug 2029**. KSIT is recognized for its unwavering commitment to academic and institutional excellence. Furthermore, the institute's core departments, Electronics and Communication Engineering (ECE) and Computer Science and Engineering (CSE), are accredited by the **National Board of Accreditation (NBA) till 30th June 2027**, underscoring its adherence to global educational standards.

Research and innovation are integral to KSIT's ethos. Faculty members are actively supported in their scholarly pursuits, ensuring students benefit from a continuously evolving knowledge base that reflects the latest advancements in technology and science.

Guided by the mission to empower students with knowledge, nurture their talents, and inspire purposeful leadership, KSIT is shaping the innovators and leaders of tomorrow. With the motto "Explore, Innovate, Excel,"

KSIT offers a harmonious blend of academic rigor, extracurricular vibrancy, and a supportive community, making it a preferred destination for education in Bengaluru.

KSIT stands as a Beacon of excellence, perfectly complementing Bengaluru's reputation as a global hub for technology, research, and innovation.

1. KSIT AUTONOMOUS REGULATIONS

The quality of Technical Education is influenced by several key factors, primarily, an outcome-based curriculum aligned with societal and industrial needs, a dedicated and competent faculty, a robust teaching-learning process, meaningful industry internships, and student evaluations based on clearly defined learning outcomes.

To ensure a systematic and standardized approach to various academic processes — including admissions, student registration, conduct of classes, teaching-learning, assessment, evaluation and grading and for recommending for the award the Bachelor of Engineering/Technology degrees and Postgraduate. To exercise of powers conferred by Visvesvaraya Technological University, hereafter referred as VTU. Under its GUIDELINES FOR THE IMPLEMENTATION OF ACADEMIC AUTONOMY IN INSTITUTIONS [2018] AMMENDMENT IN 2024 [framed under the section 20(w) of VTU act, 1994]. The Academic Council of K.S Institute of Technology makes the following regulations. These regulations shall govern all the student's seeking admission to various programme from the academic year 2025-26.

2. ACADEMIC RULES & REGULATIONS

All the degree programs offered under the autonomy will follow choice Based Credit System (CBSCS) and Outcome Based Education in Teaching, Learning & assessment.

2.1 These Regulations shall be called as “Academic Regulations Governing the Degree of Undergraduate and Postgraduate Programmes of KSIT – 2025”.

2.2 The Regulations are subject to amendments made by Visvesvaraya Technological University (VTU) and by the Academic Council with the approval of the Governing Body of the college from time to time and keeping the recommendations of the Board of Studies (BoS) in view.

2.3 These Regulations shall govern all the students seeking admissions to M.Tech. programmes offered by KSIT under Autonomous Scheme from the academic year 2025-26. These Regulations govern the policies and procedures on the admission of students, Teaching, Conducting of examination, evaluation, announcement of results and graduation ceremony.

2.4 These Regulations are approved by the Governing body of KSIT on the recommendation of Academic Council of KSIT and shall supersede all corresponding

earlier Regulations of the institution, if any, along with the amendments thereto, and shall be binding on all concerned undergoing the said programme. These regulations shall come into force with effect from the date of their notification by the KSIT

2.5 These Regulations may evolve, get refined, revised, updated, amended, modified, or changed through appropriate approval from the Governing body on the recommendation of the Academic Council from time to time, and shall be binding on all parties concerned.

2.6 Periodic refinements in the Academic Regulations and Curriculum on the students admitted in the earlier years, shall be dealt appropriately and carefully, so as to ensure that such students are not subjected to any injustices whatsoever, although they are required to conform to these revised Regulations and Curriculum.

2.7 In order to grantee fairness and justices to all the parties concerned, in view of the periodic revisions and refinements, specific issues referred to shall be addressed separately by the Academic Council of the Institute.

2.8 The Governing Body shall consider all the issues relating to the Academic activities of KSIT for appropriate action, irrespective of whether a reference is made in these Regulations or otherwise.

2.9 The principal may co-opt or invite experts from outside or within, to any of the Academic Council meetings.

2.10 Any disputes arising from these Regulations must be addressed to the Governing Body of KSIT. The decision of the Governing Body shall be final and binding on all the parties concerned.

2.11 Any legal dispute arising from these Regulations shall be limited to the legal jurisdiction determined by the location of KSIT, which is the city of Bengaluru, Karnataka State and not that of any other party.

3. NOMENCLATURES USED

- Autonomous Institution: As per Visvesvaraya Technological University guidelines for the implementation of academic autonomy in the institution [2018] amendment in 2024. [Framed under the section 20(w) of VTU act, 1994].
- Commission: University Grants Commission [UGC].

- Council: All India Council for Technical Education [AICTE].
- University: Visvesvaraya Technological University [VTU].
- Institution: K.S. INSTITUTE OF TECHNOLOGY [KSIT] Bengaluru.
- Governing Body: Governing body of KSIT.
- Academic Council: Academic council of KSIT.
- BOS: Board of Studies for various programs offered at KSIT.
- BOE: Board of examiner for various programs offered at KSIT.
- EC & MPCCC: Examination & Malpractice Cases Consideration Committee of KSIT.
- Regular Students: Students who are admitted to the first year of the respective programme
- “Lateral Entry” means students who are admitted to the third semester of the respective programme (Undergraduate Engineering Programme through diploma quota based on the qualification at the time of entry)
- “Branch” means specialization in a programme like B.E. degree programme in Mechanical Engineering or B.E. degree programme in Computer Science and Engineering etc.

3.1 NOMENCLATURES OF THE ACADEMIC PROGRAMMES

- Under Graduate (UG) Level: Bachelor of Engineering (B.E.)
- Post Graduate (PG) Level: Master of Technology (M.Tech.) and Masters in computer Application (MCA)
- Research Level: Doctor of Philosophy (Ph.D.)
- Besides, the branch/programme of specialization, if any, shall be indicated in brackets after the abbreviation; e.g., B.E. (Electronics & Communication Engineering), M.Tech. (Computer Science & Engg).

4. PROGRAMMES OFFERED BY THE INSTITUTION:

SL No	Title of the UG Programme (B.E.)	Abbreviation	Year of establishment
1	Computer Science and Engineering	CS	1999
2	Electronics and Communication	EC	1999

	Engineering		
3	Mechanical Engineering	ME	1999
4	Artificial Intelligence & Machine Learning	AI	2020
5	Computer Science and Design	CG	2021
6	Computers and Communication Engineering	CM	2022
7	Computer Science & Engineering (IoT and Cybersecurity including Blockchain Technology)	IC	2022

SL No	Title of the PG Programme	Abbreviation	Year of establishment
1	Computer Science and Engineering [M.Tech.]	SCS	2014
2	Master of Computer Applications [MCA]	MCA	2024

SL. No.	Title of the Research Centre (Ph.D. / M.Sc. Engg. by research)	Abbreviation	Year of establishment
1	Mechanical Engineering	ME	2006
2	Chemistry	CHE	2006
3	Computer Science and Engineering	CSE	2014
4	Electronics and Communication Engineering	ECE	2014
5	Physics	PHY	2025-26

5. DEFINITIONS OF KEYWORDS

5.1 Program: A structured educational curriculum in a specific branch of engineering or specialization leading to the award of an M.Tech degree. It includes a combination of academic

activities such as lectures, tutorials, laboratory/field work, project work, seminars, internships, assignments, presentations, and self-study components.

5.2 Branch: The discipline or specialization within the M.Tech program, such as Power Electronics, Structural Engineering, Machine Design, etc.

5.3 Semester: One of the two academic terms in a year, each of 16 weeks' duration (with a minimum of 90 working days). Typically, the **odd semester** begins in August and the **even semester** begins in February.

5.4 Academic Year: Consists of two consecutive semesters (odd followed by even), including periods of vacation.

5.5 Course: An individual component or unit of a program (often referred to as a "paper"). Each course has defined learning objectives and outcomes and may consist of lectures, tutorials, lab/field work, seminars, assignments, or a combination thereof.

5.6 Credit: A unit representing the workload of a course. One credit is equivalent to one hour of lecture or two hours of lab/tutorial/field work per week.

5.7 Audit Course: A non-credit course undertaken for knowledge or skill enhancement without awarding any grade or credit.

5.8 Choice Based Credit System (CBCS): A flexible learning system allowing students to choose courses (core, electives, soft skills) suited to their career goals.

5.9 Course Registration: The process by which a student formally registers for courses in a semester under the guidance of a faculty advisor/mentor.

5.10 Course Evaluation: Assessment through **Continuous Internal Evaluation (CIE)** and **Semester End Examination (SEE)**, each carrying 50% weightage, totaling 100 marks for each course.

- **Continuous Internal Evaluation (CIE):** Also known as formative assessment, CIE is conducted by the course instructor and includes tests, assignments, group discussions, mini-projects, quizzes, seminars, etc., as prescribed by the University.
- **Semester End Examination (SEE):** A summative exam conducted by the University at the end of the semester. The syllabus is modularized, and the question paper includes questions from all modules with choices limited to the same module.

5.11 First Attempt: Refers to a student who has fulfilled all eligibility criteria for SEE and has appeared for at least one component of the examination. Such an appearance is considered their first attempt.

5.12 Credit-Based System (CBS): A framework that quantifies coursework and prescribes the total credits required to earn the degree, contingent on successful completion of CIE and SEE.

5.13 Credit Representation: Denotes the credit values assigned to different academic activities (e.g., seminars, project phases, viva-voce, internship) as per the prescribed Scheme of Teaching and Examination.

5.14 Letter Grade: It is an index of the performance of students in a said Course. Grades are denoted by letter grade O, A+, A, B, B+, C and F.

Table 1: Credit Values				
Theory/Lectures (L) (hours/week/Semester)	Tutorials (T) (hours/week/Semester)	Laboratory/Practical (P) (hours/week/Semester)	Credits (L:T:P)	Total Credits
4	0	0	4:0:0	4
3	0	0	3:0:0	3
2	2	0	2:1:0	3
2	0	2	2:0:1	3
2	2	2	2:1:1	4
0	0	6	0:0:3	3

5.15 Grading: Grade refers to the qualitative measure of achievement of a student in each Course, based on the percentage of marks secured in (CIE plus SEE). Grading is done by Absolute Grading [Refer: 24OMT6.0]. The rubric attached to letter grades is as follows:

O - Outstanding, **A+** – Excellent, **A** – Very Good, **B+**– Good, **B** – Above Average, **C** – Pass, and **F** – Fail.

If a student remains absent for SEE of any of the course/s, the letter grade assigned to that course shall be **F**. If a student is not eligible for appearing SEE, due to non-comply with any of the course/s then the letter grade assigned against that course shall be **NE**

5.16 Grade Point (GP): Refers to a numerical weightage allotted to each letter grade on a 10-point scale as under.

Letter Grade and corresponding Grade Points on a typical 10 – Point scale
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Letter Grade	O	A+	A	B+	B	C	F
	Outstanding	Excellent	Very Good	Good	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	0
% of Marks secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49

5.17 Passing Standards: A student is considered to have passed a course only if the **Grade Point (GP)** obtained is **greater than or equal to 5**, corresponding to a **Grade Letter 'C'** or higher.

5.18 Credit Point (CrP): The value obtained by multiplying the Grade Point (GP) earned in a course by the number of credits assigned to that course.

Formula: Credit Point (CrP) = GP × Course Credits

5.19 Semester Grade Point Average (SGPA): A measure of a student's academic performance in a particular semester. It is calculated as the ratio of the total credit points earned in all courses of the semester to the total number of credits taken in that semester. Refer: Regulation 240MT6.0

5.20 Cumulative Grade Point Average (CGPA): A measure of a student's overall academic performance across all semesters. It is the ratio of the sum of credit points earned in all courses to the total number of credits across all semesters. CGPA is expressed up to two decimal places.

Refer: Regulation Computation of SGPA and CGPA

5.21 Grade Card: An official document issued to all registered students after each semester, showing details such as course codes, titles, credit values, and grades earned. SGPA for the semester and cumulative CGPA till that point.

5.22 Multiple Entry and Multiple Exit (MEME): A flexible academic framework allowing students to enter and exit a program at specific stages.

- **Exit** is permitted only at the end of even semesters (e.g., after 2nd semester).
- **Re-entry** is permitted at the beginning of odd semesters (e.g., 3rd semester). This model accommodates learners who may need to pause their studies and supports re-entry without academic discontinuity, within the maximum program duration (typically four years for regular students).

6. TITLE, DURATION, AND CREDITS OF THE PROGRAM OF STUDY

6.1 Program Title: The Program shall be called Master of Technology in (Engineering Stream) with Specialization in (Program Specialization) Example M.Tech in Electronics & Communication Engineering with Specialization in Digital Electronics.

6.2 Program Category: Full-time Program (FT),

6.3 Full-time Program: The PG program shall be of four semesters' duration, with each semester comprising a minimum of 16 weeks (not less than 90 working days) of academic work.

6.4 Enrolment Terms: A faculty member or employee working on a full-time basis in any institution or organization shall be deemed ineligible to pursue or be enrolled in any academic program conducted during regular/first-shift timings if the course duration coincides with the regular shift. Such simultaneous engagement renders the individual ineligible for both employment and higher studies during that period.

6.5 Maximum Duration: A full-time candidate or working professional shall be permitted a maximum duration of four (4) years from the date of admission to the first semester to fulfil the requirements for the award of the Master's degree. Failure to do so shall result in discontinuation from the program, and the individual must re-register as a fresh candidate in the first semester to pursue the program anew.

6.6 Total Prescribed credits for the program: The number of credits to be completed for the award of the degree shall be 80.

6.7 Definition of Credits:

- 1 hour of Lecture (L) per week over the duration of a semester = 1 Credit
- 2 hours of Tutorial (T) per week over the duration of a semester = 1 Credit
- 2 hours of Practical / Laboratory / Drawing (P) per week over the duration of a semester = 1 Credit.

Note:

- Four-credit courses** are designed to include **50–60 hours** of total teaching–learning activity.
- Four-credit integrated courses** typically comprise **40 hours of theory** and **10–12 sessions of practical components**.

- C. **Three-credit courses** are structured for approximately **45–50 hours** of teaching–learning engagement.
- D. **Two-credit courses** involve **25–30 hours** of teaching–learning activity.
- E. **One-credit courses** consist of **15–20 hours** of teaching–learning engagement.

6.8 Academic Calendar of events: The Calendar of events in respect of the Program shall be notified by the KSIT in advance.

7. ELIGIBILITY FOR ADMISSION

- 7.1** Admission to the First Year / First Semester of the Master of Technology (M.Tech.) program shall be open to candidates who have successfully completed the B.E./B.Tech. degree from any other recognized University/Institution. In the case of foreign degrees, an Equivalence Certificate issued by the Association of Indian Universities (AIU) is mandatory. Candidates who have obtained their qualifying degree through distance education, whether from a national or international university, shall not be eligible for admission to the M.Tech. program under any quota.
- 7.2** AMIE in respective branches shall be equivalent to B.E./ B. Tech. Programs of KSIT for admission to M.Tech. subject to the notification/approval from the Government of Karnataka and AICTE New Delhi.
- 7.3** Minimum Eligibility Criteria for Admission to M.Tech. : Admission to the M.Tech. program shall be open to candidates as per clauses 2.1 and 2.2, who have passed the prescribed qualifying examination with a minimum of 50% aggregate marks over all the years of the degree program. For candidates belonging to Scheduled Castes (SC), Scheduled Tribes (ST), and Category I (as per Government of Karnataka norms), the minimum aggregate marks in the qualifying examination shall be not less than 45%. Rounding off the percentage of marks secured in the qualifying examination is not permitted. The provision for reservation is applicable only to candidates from the state of Karnataka and shall be as per prevailing Government regulations.

7.4 Admission Criteria and Process:

I. Admission under GATE/PGCET and Government of Karnataka Roster System:

Candidates seeking admission under the Government of Karnataka roster system must either be a GATE qualified or have appeared for the Post Graduate Common Entrance Test (PGCET) conducted by an authority recognized by the Government of Karnataka, or have taken an entrance examination conducted by VTU.

II. Admission under Management Quota: Candidates seeking admission under the Management Quota must either be GATE qualified, or have appeared for the PG CET conducted by a recognized authority of the Government of Karnataka or VTU.

III. Admission under Sponsored Quota: Candidates seeking admission under the Sponsored Quota must either be GATE qualified, or have appeared for the PG CET, or have taken an entrance examination conducted by VTU or any other university approved by the Government of Karnataka.

IV. Admissions under Sponsored Quota: The candidates should be GATE qualified or should have appeared for the Entrance Examination conducted by an authority recognized by the Government of Karnataka PG CET/VTU/any other University on approval by the Government of Karnataka.

7.5 Admission Guidelines for PG Programs:

7.5.1 Candidates who have qualified in the GATE examination in the relevant branch of engineering will be given priority and are exempted from taking the entrance examination. However, if a GATE-qualified candidate chooses to appear for the entrance examination and qualifies for admission through it, they will be considered for a seat under the entrance exam quota based on their merit, along with other entrance test candidates.

7.5.2 Filling of Vacant Seats: If a sufficient number of GATE-qualified candidates are not available, the remaining vacant seats will be filled based on the merit list of candidates who appeared for the Entrance Examination.

7.5.3 Intake under Various Categories: The intake of students under different categories such as Regular, Sponsored, and SC/ST shall be in accordance with the approvals and regulations of AICTE, the State Government, and VTU, as amended from time to time.

7.5.4 Eligibility for Sponsored Quota: Subject to the provisions of 2.1 and 2.2 teaching or research staff working in AICTE-recognized engineering colleges or institutions (within Karnataka or outside) are eligible for admission under the Sponsored Quota, provided:

7.5.5 They have a minimum of three years of full-time teaching experience in engineering colleges, polytechnic institutions, or other recognized institutions offering engineering education.

7.5.6 They are formally sponsored by their respective institutions or by the Directorate of Technical Education (DTE).

- 7.5.7 Eligibility for Working Professional Category: Teaching or research staff employed in AICTE-recognized engineering colleges within Karnataka with a minimum of one year of full-time/regular service are eligible for admission under the Working Professional category, provided their place of employment lies within a 75 km radius of the admitting college.
- 7.5.8 Engineering graduates other than the Karnataka candidates shall obtain an Eligibility Certificate from VTU to seek admission to the P.G. Program in any of the colleges (Autonomous or non-autonomous) affiliated with VTU.
- 7.5.9 Unfilled seats shall be filled as per the guidelines issued /notified by the government of Karnataka from time to time

8. COURSES STRUCTURE

The curriculum of the program shall comprise a balanced combination of the following categories of courses:

- (a) **Basic Science Courses (BSC):** Includes foundational courses in science, particularly one Mathematics course in the first semester that supports the concerned program and builds the analytical base for advanced study.
- (b) **Professional Core Courses (PCC):** These are mandatory courses directly related to the student's specialization or branch of study. Completion of all PCCs is essential to fulfill program requirements. Core courses may be classified into:
- i. **Hard Core (No choice):** Compulsory courses that must be completed.
 - ii. **Soft Core (With limited choice):** Courses with options within a defined set.
- (c) **Professional Elective Courses (PEC):** These are specialization-specific electives that students may choose from a defined pool. These courses are designed to broaden the scope within the discipline, introduce emerging topics and enhance industry-relevant skills and domain-specific expertise.
- (d) **Open Elective Courses (OEC):** Open to students from diverse academic backgrounds and disciplines. These courses are aimed at promoting interdisciplinary learning, helping students to explore areas beyond their core field, develop a broader perspective and gain knowledge and skills in complementary domains.
- (e) **Integrated Professional Core Courses (IPCC):** Combines theory and practical components into a single cohesive course. This integration allows for simultaneous conceptual understanding and hands-on application.

- (f) **Project Work:** A comprehensive, application-oriented academic activity designed to apply theoretical and quantitative knowledge. Projects foster independent research, critical thinking, and practical problem-solving skills, reflecting students' grasp of course content.
- (g) **Mini-Project with Seminar:** Aimed at reinforcing core concepts through hands-on application and problem-solving. Each mini-project is assigned separate credits and typically includes a seminar presentation to enhance communication and presentation skills. These projects contribute to skill development and broaden the students' analytical and **creative thinking**.
- (h) **Audit Courses (AC):** Audit courses are non-credit courses undertaken by students for the purpose of self-enrichment and knowledge enhancement. These courses appear on the grade card without a letter grade or credit value. Students are required to select audit courses from a pre-approved list of ONLINE courses. Audit courses are optional and may not be mandatory for all programs.
- (i) **Ability Enhancement Courses (AEC):** AECs are designed to develop essential soft skills and professional competencies that are applicable across disciplines. These courses aim to enhance students' communication, analytical thinking, problem solving and other skills necessary for academic success and career development. AECs play a crucial role in preparing students for both core subject proficiency and interdisciplinary workplace readiness.
- (j) **Internship:** An internship is a structured, short-term professional experience in a relevant industry or organization. It provides students with the opportunity to apply theoretical knowledge in real-world settings, gain hands-on experience, and acquire industry-relevant skills. Internships also help students understand organizational culture, build professional networks, and enhance employability.
- (k) **.On-Line Courses:** These mandatory online courses are ability enhancement courses or skill development courses or emerging technology courses or bridge courses or advanced learning courses. These courses are suggested by the concerned board of studies. These courses are notified on the KSIT portal.
- (l) **Selection of the Professional and Open Elective Courses:** A candidate shall exercise his/her option in respect of the electives and register for the same before deadline mentioned in the calendar of events.

9. CONTINUOUS INTERNAL EVALUATION (CIE) AND SEMESTER END EVALUATION (SEE)

9.1 Continuous Internal Evaluation (CIE):

- For each theory and practical course, the CIE shall carry a maximum of 50 marks.
- For components such as Mini-Project with Seminar, Project Phase–I, and Societal Project, the CIE shall carry a maximum of 100 marks.
- In the case of Project Phase–II, both CIE and SEE shall be evaluated for 100 marks each. This distribution ensures a balanced assessment of both continuous performance and final evaluation.

Continuous Internal Evaluation (CIE) – Assessment Components: The CIE marks shall be awarded based on the following components:

- Three Unit Tests: Each test shall be of 20 marks with a duration of 1 hour.
- Two Assignments (each of 10 marks) OR One Skill Development Activity (20 marks)
- One Activity from the following, suitably planned to align with Course Outcomes (COs) and Program Outcomes (POs) for 20 marks:
 - Group Discussion
 - Seminar
 - Quiz
 - Course Project
 - Field Work / Survey

(Any **one** of the above for **20 marks**, with a duration of **1 hour**)

The total of these components will be out of 100 marks, which will be scaled down to 50 marks for final CIE scoring. The methods of assessment and the design of question papers shall be structured to target different levels of Bloom’s Taxonomy, in alignment with the intended outcomes of the course.

CIE= Scaled down to 50 from 100 marks (60 marks from test+ 20 marks from assignment+ 20 marks from activity-based learning)

Note: Candidates obtaining less than 50% of the CIE marks in any course (Theory/Laboratory/Seminar/Internship/Project) shall not be eligible to appear for the SEE in that course/s. In such cases, the Head of the Department shall arrange for the improvement of CIE marks in the course/ Laboratory when offered in the subsequent semester subject to the provision of 6.5.

9.2 Semester End Evaluation:

- I. The weightage for the Semester End Evaluation (SEE) is 50% of the maximum marks allotted for each theory and practical course. A University examination shall be conducted at the end of each semester.
- II. Setting of Theory Question Papers and Evaluation: Theory question papers shall be prepared by examiners appointed by the University. There shall be a double valuation system for all theory papers, wherein the answer scripts are evaluated independently by two examiners appointed by the CoE, KSIT.
- III. Valuation Process:
 - a. If the difference between the marks awarded by the two examiners is 15% or less of the maximum marks, the candidate shall be awarded the average of the two evaluations.
 - b. If the difference exceeds 15%, the answer script shall be evaluated by a third examiner appointed by the CoE, KSIT. In such cases, the average of the marks of the two closest valuations shall be considered as the final marks.
 - c. If one of the three marks lies exactly midway between the other two, the higher two marks shall be taken for averaging.

9.3 Internship

The student shall undergo an Internship as per the Scheme of Teaching and Examination

9.3.1: Internship Guidelines

- a) Eligibility and Placement: The internship shall be undertaken in a recognized industry, R&D organization, research institute, institution of national or international repute, or a professional body/society/organization.
- b) Faculty Supervision: The department/college shall appoint a faculty member to act as the internship coordinator responsible for facilitating, guiding, and supervising the students throughout the internship period.
- c) Progress Monitoring: Students are required to report their progress regularly to the assigned internal guide and seek guidance as needed to ensure alignment with academic and professional expectations.
- d) Duration and Schedule: The internship must be completed within the timeframe prescribed in the Scheme of Teaching and Examination, as per the academic calendar.

- e) Submission of Report: Upon completion of the internship, students must submit a detailed internship report to the Head of the Department, duly approved by both the internal and external guides.
- f) Evaluation Scheme: The internship will be assessed for a total of 200 marks, split as follows:
 - I. Continuous Internal Evaluation (CIE) is for 100 marks with Seminar Presentation is for 40 marks and Internship Report for 60 marks
 - II. Semester End Examination (SEE): is for 100 marks and will be assessed through a Viva-Voce examination
- g) The internal guide shall award the CIE marks for the seminar and internship report after evaluation. He/she will also be the internal examiner for Viva - Voce conducted during SEE.
- h) The external guide from the industry shall be an examiner for the Internship viva-voce examination. Viva-Voce on internship shall be conducted at the college and the date of Viva-Voce shall be fixed in consultation with the external Guide, HOD and CoE. The Examiners shall jointly award the Viva - Voce marks.
- i) In case the external Guide is not available or expresses his inability to conduct viva voce, the Chief Superintendent shall be permitted to make alternate arrangements. The examiner, in the order of preference, shall be an industry person or a faculty of another institution chosen from the list of university examiners. The same shall be intimated to the concerned BOE Chairperson and Registrar (Evaluation).

9.3.2 Internship Completion Requirement

- a) Internship as a Mandatory Component: The internship is a mandatory academic requirement and constitutes one of the heads of passing in the program.
- b) Failure to Complete Internship: Any student who fails to undergo or complete the internship will be considered unsuccessful in that course and shall not be permitted to appear for the Semester End Examination (SEE) related to the internship component.
- c) Reappearance Conditions: Such students may become eligible to appear for the SEE only after fulfilling all the prescribed requirements related to the internship. The subsequent appearance will be treated as a repeat attempt.

9.4 Project Work:

Project work is a major academic undertaking, typically carried out in the final year of an undergraduate or postgraduate program. It provides students with the opportunity to apply theoretical knowledge to a real-world or research problem, demonstrating their ability to conduct independent investigation, develop innovative and practical solutions and to present findings in a professional and scholarly manner. The project is one of the heads of passing. Project work must be on an individual basis.

The Guide, after checking the report for completeness shall upload the Dissertation along with the name, University Seat Number, address, mobile number of the candidate, etc., as prescribed in the form available on the online in Dissertation evaluation portal of KSIT. The guide shall submit a panel of four approved Examiners for evaluation of the dissertation. The candidate shall submit a soft copy (CD) of the dissertation work to the CoE signed by guide, HoD and Principal. The CD should contain the entire Dissertation in monolithic form as a PDF file.

9.5 Plagiarism Check Policy

Once the dissertation is uploaded by the guide to the online Dissertation Evaluation Portal, it shall be automatically linked for a plagiarism check. The permissible plagiarism index is less than or equal to 20%. If the plagiarism check indicates a plagiarism index greater than 25%, the following procedure shall apply:

- I. For First time: The candidate must resubmit the dissertation to the CoE along with along with the penal fees of ₹2,500/- (Rupees Two Thousand five only), in person.
- II. For Second time (Upon Rejection Again): The candidate must resubmit the revised dissertation, along with a penal fee of ₹5,000/- (Rupees Five Thousand only) to CoE in person
- III. For Third time (Final Rejection): If the dissertation is rejected again during the second resubmission with reference to the plagiarism index, the candidate shall redo the project and submit it after a semester's time subject to provisions of 6.5

9.6 Appointment of Examiners for Project

The CoE will select the examiners and send the dissertation report to them. The Examiners

must evaluate the dissertation normally within a period of not more than two weeks from the date of receipt of the dissertation through email. The examiners must submit the marks separately and the average of the marks awarded by the two Examiners shall be the final evaluation marks for the dissertation. If both the examiners accept the dissertation the final viva-voice will be conducted.

Viva-voce examination of the candidate shall be conducted by the external examiner and internal examiner/ guide. Internal examiner as per the direction of the CoE shall have to arrive at a mutually convenient date for the conduction of viva-voce examination. In case one of the examiners expresses his/her inability to attend the viva-voce, the CoE shall appoint a substitute examiner in his/her place. The relative weights for the evaluation of the dissertation and the performance at the viva voce shall be as per the scheme of teaching and examination.

The candidate, whose dissertation is rejected, can rework the same topic or choose another topic of the dissertation under the same Guide or a new Guide if necessary. In such an event, the report shall be submitted within four years for a case of a full-time student from the date of admission to the Program.

9.7 Project Work Report Evaluation and Viva-Voce Examination

1. **Conduct of Examination:** The evaluation of the project report and the viva-voce examination shall be conducted jointly by the internal examiner and an external examiner appointed by the university.
2. **Total Marks Allocation:** The total marks allocated for the Semester End Examination (SEE) component of the project work (Phase II or full project) shall be 100 marks.
3. **Evaluation Process:**
 - A. **Dissertation/Project Report Evaluation:** The project report (dissertation) shall be evaluated independently by the internal examiner, and the CoE appointed external examiner. Each examiner shall award marks out of 100. The average of the two scores shall be computed and scaled down to 50 marks.
 - B. **Viva-Voce Examination:** The viva-voce shall be conducted jointly by the internal and external examiners. It shall carry a maximum of 100 marks, with the following distribution, Project Work Presentation: 70 marks, Viva-voce: 30 marks. The total viva-voce score out of 100 shall be scaled down to 50 marks.
4. **Final Marks Computation:** The final SEE marks for Project Phase II or the complete project shall be the sum of the scaled scores from:
 - a. Project Report Evaluation (Scaled down to 50)
 - b. Viva-Voce Examination (Scaled down to 50)

The final marks for the SEE for Project Phase II or only Project work shall be sum of the marks obtained from the project work evaluation (Dissertation) and the viva-voce examination.

Final Marks: Project Report Evaluation (Scaled down to 50) + Viva-Voce Examination (Scaled down to 50)

9.8 Computation of SGPA and CGPA

The University follows an absolute grading system, wherein marks obtained in each course are converted into letter grades. At the end of each semester, results are declared along with the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA). The CGPA is computed at the end of every semester, except for the first semester. The grading system includes letter grades assigned based on the range of marks obtained, as per the absolute grading scale defined below:

Letter Grade and corresponding Grade Points on a typical 10 – Point scale							
Letter Grade	O	A+	A	B+	B	C	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Fail
Grade Point	10	9	8	7	6	5	0
% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	0-49

- The minimum mark to score for CIE is 50% of the maximum marks of CIE, and the minimum passing mark for SEE is 40% of the maximum marks of SEE. In aggregate, the students have to secure 50% total marks of the course (CIE+SEE marks).
- A student obtaining a Grade F in a Course shall be considered a failure and is required to reappear in subsequent SEE. Whatever the letter grade secured by the student during his /her reappearance shall be retained. However, the number of attempts taken to clear a Course shall be indicated in the grade cards/ transcripts.

9.9 Grade Point Averages:

9.9.1 SGPA and CGPA: The credit index can be used further for calculating the Semester Grade Point Average (SGPA) and the Cumulative Grade Point Average (CGPA), both being important academic performance indices of the student. While SGPA is equal to the credit index for a semester divided by the total number of credits registered by the student in that semester, CGPA gives the sum total of credit indices of all the previous semesters divided by the total number of credits registered in all these semesters. Both equations together facilitate the declaration of the academic performance of a student, at the end of a semester and the end of successive semesters respectively. Thus,

$$SGPA = \frac{\sum (\text{Course Credit} \times \text{Grade points of the letter grade})}{\sum (\text{Course Credit}) \text{ for all the courses registered during the semester excluding DP and W grades}}$$

$$CGPA = \frac{\sum [\text{Course Credits} \times \text{Grade Points}] \text{ for all Courses excluding those with F and transitional grades until that Semester}}{\sum [\text{Course Credits}] \text{ for all Courses excluding those with F grades until that semester}}$$

9.9.2 Grade Card: Based on the secured letter grades, grade points, SGPA, and CGPA, a grade card for each semester and a consolidated grade card indicating the performance in all semesters shall be issued.

9.9.3 Conversion of CGPA into Percentage and Class Equivalence: There is no prescribed formula for converting CGPA into percentage of marks. However, for purposes such as employment, higher education, etc., the following standard conversion may be adopted for a 10-point CGPA scale:

a) **Percentage of Marks (M) = CGPA × 10**

Illustration: If a student has earned a CGPA of 8.20, then: $M = 8.20 \times 10 = 82.0\%$

This conversion may also be used for determining class equivalence, where applicable.

b) **Class Equivalence**

Based on the converted percentage of marks (P) from the final CGPA, the classification of a graduating student is determined as follows:

1. **First Class with Distinction (FCD):** If $P \geq 70\%$

2. **First Class (FC):** If $60\% \leq P < 70\%$

3. **Second Class (SC):** If $50\% \leq P < 60\%$

This classification may be used for academic records, employment, or further studies, wherever applicable.

10. ATTENDANCE REQUIREMENT:

A candidate is required to maintain a minimum attendance of 85% in each course. However, a shortage of attendance up to 10% may be condoned by the Principal on the specific recommendation of the HoD, subject to valid reasons. Condonation may be considered in cases such as:

- Medical grounds
- Participation in NSS/NCC/Red Cross,
- Republic Day or Independence Day parades
- Representation in University/State/National/International level sports or cultural events
- Participation in seminars, workshops, or paper presentations of academic significance

Appropriate supporting documents must be submitted along with the HoD's recommendation to request condonation for the shortage of attendance. A candidate, who does not satisfy the attendance requirement (in one or more Courses) as mentioned above shall not be eligible to appear for the SEE of that semester and shall not be permitted to take admission to the next higher semester. The candidate shall be required to repeat that semester during the subsequent year.

11. PROMOTION AND ELIGIBILITY (VERTICAL PROGRESSION)

11.1 Promotion:

There shall be no restriction for promotion from an odd semester to the next even semester, provided the student has fulfilled the attendance requirement.

- 11.1.1 Candidates, under a full-time program/Working Professional Category, with a maximum of backlog courses of the first year totaling 16 Credits or less shall be eligible for admission to the second year (III semester).
- 11.1.2 Each credit course shall be treated as a head of passing.
- 11.1.3 The Mandatory non-credit courses (NCCM), if any, shall not be considered for the Eligibility criterion prescribed for promotion, award of Class, calculation of SGPA and CGPA. However, a pass in the above courses is mandatory before the completion of the Degree.
- 11.1.4 Passing online courses is mandatory for the award of the degree. These courses are not considered for vertical progression, but must be successfully completed within the maximum duration of the program. If a student fails a selected online course in a semester, they may reattempt and pass the same course in the subsequent semester (if offered online), or Opt for another KSIT approved online course available during that session. Upon successful completion, the title of the qualified online course(s) will be reflected in the grade card, indicated with the letter code "PP" (Pass in Program-mandated course).

11.2 Temporary Discontinuation/Break in the Program:

11.2.1 Temporary Discontinuation and Rejoining the Program: If a candidate temporarily discontinues the program or takes a break during any semester for any reason, they may be permitted to rejoin the program by registering for the same semester under the prevailing scheme. The candidate shall be required to complete all remaining course work, subject to Clause 1.5. Undertake additional course(s), if any, as determined by the respective Board of Studies. A grade card shall be issued indicating the completion of such additional course(s). These additional courses will not be considered for the eligibility criteria related to promotion (vertical progression). However, on a case-by-case basis, these may be considered for the computation of SGPA and CGPA to determine the eligibility for the award of the degree. Such candidates shall not be eligible for the award of rank.

11.2.2 Transition from another Scheme (Repeater/Fresher): Candidates who take admission into a semester of the current scheme from a different scheme, either as a

repeater or a fresher, for any reason, are required to Complete additional course(s), if any, as per the decision of the respective Board of Studies and with the approval of the Academic council, Principal and the Dean Academics, based on the equivalence between the two schemes. A grade card will be issued for the additional course(s) completed. These additional courses shall not be considered for vertical progression. However, based on individual evaluation, the performance in these courses may be included in the computation of SGPA and CGPA to determine eligibility for the award of the degree. Such candidates shall not be eligible for the award of rank.

12. ELIGIBILITY FOR PASSING AND AWARD OF DEGREE

- I. A student shall be considered to have passed a course if they obtain a grade from O to C.
- II. Pass Criteria for a Course: To be declared pass in any course, a student must fulfil the following minimum requirements:
- III. At least 40% of the maximum marks in the Semester End Examination (SEE)
- IV. At least 50% of the marks in Continuous Internal Evaluation (CIE)
- V. At least 50% in the aggregate of CIE and SEE marks
- VI. The minimum passing grade in a course is Grade C.
- VII. If a student secures an F grade in any head of passing, they are required to reappear for the Semester End Examination (SEE) in that particular course.
- VIII. A student shall be declared successful and eligible for the award of the degree only upon fulfilling the following conditions:
 - IX. Obtaining a Cumulative Grade Point Average (CGPA) of 5.00 or above, and no course should remain with an F grade at the end of the program.
 - X. Submission of Dissertation and Grade Card Release: IV Semester Full-Time candidates and Working Professional category students with backlog courses are permitted to upload their dissertation report and appear for the Semester End Examination (SEE). However, the Grade Card for the IV Semester shall be released only after the candidate has cleared all backlog courses and becomes eligible for the award of the degree after fulfilling the clause mentioned in 11.1.

12.1 Rejection of Semester End Examination Results

A candidate may, at their discretion, reject the results of the latest semester SEE in respect of all courses of that semester. However, in the IV semester, Project Work is excluded from this provision and cannot be rejected. Key conditions for result rejection:

- I. Rejection is permitted only once during the entire duration of the program.
- II. The CIE marks of the rejected semester will remain unchanged and will be retained.
- III. Rejection of both SEE results and CIE marks together is not permitted.
- IV. If the rejection of the SEE results of the semester happens to be of an odd semester, the candidate can take admission to the immediate next even semester. However, if the rejection of the SEE result is of even semester, the candidate cannot take admission to the next odd semester.
- V. Application for rejection shall be submitted to the CoE through the HoD, Dean academics and principal of the college, within seven days from the date of announcement of the results
- VI. A candidate, who opts for rejection of results of a semester shall be eligible for the award of class and distinction, but shall not be eligible for the award of rank.

12.2 Eligibility for the Award of Degree

A student shall be declared eligible for the award of the Master of Technology (M.Tech) degree upon fulfilling the following conditions:

- Successfully undergoing the prescribed course work as per the academic regulations.
- Earning all the required credits as specified in the Scheme of Teaching and Examination of the respective program.

12.3 Award of Grade Cards, Certificates and Transcripts:

12.3.1. Grade Card: At the end of each semester, a Grade Card is issued to all registered students, containing details like Course Code, Title of the course, Number of Credits, Letter Grade Awarded and Credits Earned

12.3.2. The Grade Card also reflects the total credits earned, Semester Grade Point Average (SGPA), and Cumulative Grade Point Average (CGPA), as applicable. It may include 'F' grades and other temporary grades awarded during that semester.

12.3.3. Grade Certificate: A Grade Certificate, similar in format to the Grade Card, is issued upon request, but only after the student has cleared all temporary grades reflected in the Grade Card. The Grade Certificate will indicate the month and year in which each course was successfully completed.

12.3.4. Transcript: A Transcript is a consolidated document reflecting a student's complete academic performance across all semesters of the programme. It is generally issued upon successful completion of the programme, along with the degree certificate.

12.3.5. Transcript Details for Multiple Attempts

- I. For students who clear a course in multiple attempts, the Transcript will display only the earned pass grade (grades 'O' to 'E', AU, or PP).
- II. The course will appear in the semester where it was initially registered, along with the month and year of successful completion.
- III. The Transcript will include only the overall CGPA, computed from all attempted and cleared courses.
- IV. Credits earned beyond the prescribed programme requirements will be listed separately under additional courses, along with the grades earned.
- V. Additional copies of the Transcript can be obtained by submitting a request and paying the applicable fee.
- VI. Interim Transcript: Students who have not yet completed the programme may request an Interim Transcript at the end of any semester. This document includes all completed courses as well as courses yet to be cleared, as of the date of issue.

13. GRADUATION CEREMONY

1. The College organizes an annual Graduation Day ceremony prior to the University Convocation to confer Provisional Degrees to students who have successfully fulfilled all academic requirements within the prescribed duration. Only those students recommended by the Office of the Controller of Examinations (COE) and approved by the Academic Council shall be eligible to receive the Provisional Degree, upon submission of the prescribed application form and payment of the applicable fee to the Office of the COE.
2. Students who are recommended for the award of the degree by the COE and approved by the Academic Council must apply to the University for the official Convocation Degree Certificate, along with the prescribed convocation fee.
3. To promote academic excellence, the College confers Ranks and Medals on outstanding students during the Graduation Day ceremony, recognizing their meritorious performance throughout the program.

14. AWARD OF RANKS AND MEDALS

14.1 Ranks

1. For award of rank in a Specialization of Master of Technology, the CGPA secured by the student on completion of the program is considered.
2. A student shall be eligible for a rank at the time of award of the degree of Master of Technology, provided the student
 - a. Is not a repeater in any semester
 - b. Has not rejected the results of any semester.
 - c. Has passed I to IV semester in all the courses in first attempt only
3. The total number of ranks awarded shall be 10% of the total number of students who appeared in the IV semester subject to a maximum of 10 ranks in a Specialization.
4. For the award of ranks in a Specialization, a minimum of 10 students should have appeared in the IV semester examination.
5. Ranks are awarded based on the merit of the students as determined by CGPA. If two or more students get the same CGPA, the tie shall be resolved by considering the number of times a student has obtained a higher SGPA. If it is not resolved even at this stage, the number of times a student has obtained higher grades like O, A+, A, B+, B etc., shall be taken into account to decide the order of the rank.

14.2 Medals

1. Medals will be awarded to students based on academic excellence and/or specific achievements. The **criteria set by individual donors** and **the institutional statutes** will govern the selection of medal recipients.

15. MALPRACTICE

For matters concerning student malpractices during examinations, please refer to the “**KSIT Examination manual 2025-26: Section 3.11.**”

16. CONFLICT OF INTEREST GUIDELINES FOR STAFF:

16.1 Any staff member whose **ward is enrolled in any program** at the institute **shall not serve** on the following academic and administrative bodies:

- Governing Body (GB)
- Academic Council (AC)
- Board of Studies (BoS)
- Board of Examinations (BoE)
- Malpractice Enquiry Committee (MEC)
- Academic Grievance Cell (AGC)

- Disciplinary Committee (DC)
- Student Counselling Cell (SCC)
- Departmental Academic Affairs Committee (DAAC)
- Controller of Examinations (COE)

16.2 Any staff member whose **ward is registered for a course** offered by their own department **must not be involved** in:

- Question paper setting
- Evaluation or review of answer scripts
- Conduct of practical exams
- Conduct of internal tests or any examination-related duties for that course

17. INTERPRETATION OF REGULATIONS

1. Any questions or ambiguities regarding the interpretation of these rules and regulations shall be resolved by the College administration. The decision of the College shall be final and binding on all students.
2. The College reserves the right to issue clarifications or amendments to resolve any doubt, discrepancy, or practical difficulty that may arise in the implementation of these regulations.

NOTE: These regulations are subject to modification by the Academic Council (AC) as required. Ignorance of these rules is not an acceptable excuse for non-compliance.