



KSIT
K.S. INSTITUTE OF TECHNOLOGY

K.S.INSTITUTE OF TECHNOLOGY

ACADEMIC RULES & REGULATIONS

APPLICABLE

TO

UNDERGRADUATE 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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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. Raghavendruchar 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, Chamaraj nagara-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 in 2022, 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 in 2024 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 (CBCSCS) 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** These 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 B.E., 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 for the academic year 2025-26 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 examiners for various programs offered at KSIT.
- EC & MPCCC: Examination & Malpractice Cases enquiry 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 Engineering	EC	1999
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. DEFINITION OF KEY WORDS:

In these Regulations, unless the context otherwise requires:

- 5.1 Academic Bank of Credits (ABC):** The Academic Bank of Credits (ABC), is a National-level facility that will promote the flexibility of the curriculum framework and interdisciplinary/multidisciplinary academic mobility of students across the Higher Educational Institutions in the country with an appropriate “credit transfer” mechanism.
- 5.2 Academic Year:** Two consecutive semesters (odd followed by an even), including intervening periods constitute one Academic Year.
- 5.3 Act:** The Visvesvaraya Technological University Act 1994 including the amendments thereon.
- 5.4 Choice-Based Credit System (CBCS):** The CBCS provides students with choices from the prescribed set of courses viz. Engineering Sciences, Professional core, Professional electives, Open Electives, Non-Credit Mandatory Courses, Internships and Skill Courses. Under the CBCS, the requirement for awarding a degree or certificate is prescribed in terms of number of credits to be earned by the students.

- 5.5 College:** An affiliated College or a constituent College of the University or the University Departments offering different programmes.
- 5.6 Constituent College:** An Institution operating under the administrative, academic, and financial control of the University and declared as such under the Notification. It is an institution maintained by the University as such and includes an institution admitted to the privileges of the University as an affiliated College of the University in accordance with provisions of the Act.
- 5.7 Course:** Usually referred to as 'subject' and is a component of a Programme with defined learning objectives, course outcomes and number of credits. The course credits vary depending on the required teaching-learning hours to accomplish the learning outcomes, specified in the course syllabus. A Course may be designed to comprise lectures/ tutorials/laboratory work/ fieldwork/outreach activities/ project work/ vocational training/ viva-voce/ seminars/ term papers/ assignments/ presentations/ self-study components etc., or a combination of some of these.
- 5.8 Course Code:** An alpha numeric code used to uniquely identify a course in the programmes offered in the University. Three-digit number used as suffix with the Course Code for identifying the level of the course in the University. Digit at hundred's place signifies the semester in which course is offered and the tens place signifies type of course with unit place representing the sequence number in a semester in the Scheme of Teaching and Evaluation.
- 5.9 Credit:** A unit or weightage by which the Coursework is measured. It represents the number of hours of instructions prescribed per week. One credit is equivalent to one hour of lecture or two hours of laboratory/practical Courses/tutorials/fieldwork etc., per week.
- 5.10. Credit Point:** This is the product of grade point and the number of credits for a Course.
- 5.11 Credit Representation:** Refers to the assigned credit values for various academic activities as detailed in Table 1. Credits associated with project phases, project viva-voce, and internships shall be as specified in the Scheme of Teaching and Examinations.
- 5.12. Choice-Based Credit System (CBCS):** This educational model allows for the customization of a student's academic journey through a combination of Core Courses, Professional Electives, Open Electives, Skill-based Ability Enhancement Courses, Non-Credit Mandatory Courses, and Internships. It is designed to support students in achieving their individual academic and career goals.
- 5.13. Continuous Internal Evaluation (CIE) [Formative Assessment]:** CIE refers to the ongoing assessment of a student's performance during the teaching-learning process. This is conducted by the course instructor and may include tests, assignments, group discussions, quizzes, course-specific projects, field surveys, seminars, etc. Each component carries weightage as specified by the University.

5.14. Course Evaluation: Course evaluation measures the effectiveness of the teaching-learning process and provides an opportunity to enhance the quality of education. It involves various tools such as tests, quizzes, and assignments conducted during and at the end of syllabus modules. Evaluation is carried out in two parts:

- Continuous Internal Evaluation (CIE) during the semester, and
- Semester End Evaluation (SEE) at the conclusion of the semester.

5.15. Course Registration: This is the formal enrollment process for courses in each semester, carried out under the guidance of a Mentor (Faculty Advisor/Counsellor). It is mandatory for all students to register on the University portal.

5.16. Cumulative Grade Point Average (CGPA): CGPA represents the cumulative academic performance of a student from the second semester onward. It is a weighted average (not arithmetic mean) of the grade points earned across **all semesters and ranges between 0 and 10.**

5.17. Dean: Refers to the Dean of the Faculty of Engineering.

5.18. First Attempt: A student is considered to have made a first attempt if they have fulfilled attendance and CIE requirements for all prescribed courses in a semester and have registered for the SEE. Even if the student is absent for all SEE examinations, this shall still be considered a first attempt.

5.19. Grade Card: A document issued after every semester-end examination that reflects the academic performance of a student. It includes program details (course codes, titles, credit values, grades secured), the Semester Grade Point Average (SGPA), and the CGPA (from the second semester onward).

5.20. Grade Point (GP): A numerical value on a 10-point scale assigned to a letter grade, based on the percentage of marks secured in a course.

5.21. Institution: An institution of higher learning engaged in undergraduate, postgraduate, or advanced-level teaching and research.

5.22. Letter Grade: A qualitative indicator of a student's performance in a course, determined based on combined CIE and SEE scores (or CIE alone, as applicable). The standard letter grades and their meanings are:

- O: Outstanding
- A+: Excellent
- A: Very Good
- B+: Good

- B: Above Average
- C: Average
- P: Pass
- F: Fail

5.23. Non-Credit Mandatory Courses (NCMC): Students must attend these courses and fulfill the attendance and CIE requirements. Failure to meet the minimum 40% CIE marks or registration requirements deems the course incomplete, requiring re-completion in subsequent semesters. These courses are not included in CGPA or progression calculations but are compulsory for degree award.

5.24. Major Degree: A Major Degree may be awarded with “Honours” if a student completes the additional credit requirements as per the Regulations governing the Honours Degree Programme. Eligibility to register for the Honours Programme is based on conditions specified in the Regulations.

5.25. Mentor: A Faculty Advisor assigned by the Principal to guide a group of 15–20 students on course registration and academic progression.

5.26. Notification: An official announcement issued by the designated Statutory Officer of the KSIT

5.27. Minor Degree: A Minor Degree is awarded upon completion of required credits in an additional academic discipline, as per the Regulations governing Minor Degree Programmes. Students must meet the eligibility criteria to register for a Minor Programme.

5.28 Passing Standards: Refers to passing a course only when Grade Point (GP) is greater than or equal to 04.

5.29. Semester: A semester is one of the two academic sessions in a year, each comprising sixteen weeks of instruction (with a minimum of 90 working days). The odd and even semesters shall be scheduled in accordance with the University’s academic calendar.

5.30. Semester End Examinations (SEE) [Summative Assessment]: SEE, also referred to as Summative Assessment, comprises examinations conducted by the University at the end of each semester, covering the entire course syllabus. To ensure balanced coverage, syllabi shall be modularized, and the SEE question papers shall include questions from each module as prescribed by the University.

5.31. Semester Grade Point Average (SGPA): SGPA is a measure of a student’s academic performance in a specific semester, calculated as the weighted average (or weighted

mean) of the grade points earned in all courses registered in that semester. The SGPA is a numerical value between 0 and 10, expressed up to two decimal places.

5.32. Transcript, Grade Certificate, and Grade Card: A Grade Card is issued to students at the end of each semester, reflecting details of the academic programme including course codes, titles, credit values, grades secured, and corresponding grade points for all registered courses. Upon the successful completion of all courses and earning the required credits in a semester, a Grade Certificate is issued, indicating the programme details along with the Semester Grade Point Average (SGPA) for that semester and the Cumulative Grade Point Average (CGPA) earned up to that point. A Transcript is issued to students who successfully complete the entire programme, providing a comprehensive academic record across all semesters.

6. PROGRAMME DURATION AND TOTAL CREDITS

The duration of various programmes and Number of Credits to be earned for award of degree is given in the Table 6.1

Table 6.1: Program Details

SL. No.	Programmes	Duration (years)		Total No. of Credits
		Min.	Max.	
1.	Bachelor of Engineering (B.E.)	4	8	160
2.	Bachelor of Engineering (B.E.) (lateral entry)	3	6	120
3.	Master of Technology (M. Tech.)	2	4	80
4.	Master of Computer Applications (MCA)	2	4	80

7. ADMISSION

Admission of students to various Programmes shall be made as per the Government of Karnataka and AICTE Norms that are applicable from time to time.

7.1 Eligibility Criteria for Admission to B.E. Programme

7.1.1 Admissions to I year B.E. Programme

- i. Candidates must have passed the 2nd PUC / 12th Standard / equivalent examination with English as one of the languages. A minimum aggregate of 45% marks in Physics and Mathematics, along with one of the following subjects – Chemistry, Biology, Biotechnology, Electronics, or Computer Science – is required. A relaxation to 40% is applicable for candidates belonging to SC, ST, Cat-1, 2A, 2B, 3A, and 3B categories of Karnataka.
- ii. Admission under Government Quota (CET Quota): In addition to fulfilling the academic eligibility as per point (i), candidates must have a qualifying rank in the

Common Entrance Test (CET) conducted by the Karnataka Examinations Authority (KEA). This is applicable to candidates who are domiciled in Karnataka.

- iii. Admission under COMED-K Quota: Along with the academic eligibility mentioned in point (i), candidates must have a qualifying rank in the COMED-K Entrance Test conducted by the Karnataka Unaided Private Engineering Colleges Association (KUPECA). This is applicable to both Karnataka and Non-Karnataka candidates.
- iv. Admission under Management Quota: Candidates must meet the academic eligibility as per point (i) and possess a qualifying rank in any one of the following entrance tests: CET, COMED-K, or JEE Mains.
- v. Eligibility Certificate Requirement: Candidates who have passed the qualifying examination other than the 2nd PUC of the Karnataka Pre-University Education Board or XII standard or equivalent examination and must obtain an eligibility certificate from the university/board to seek admission to the B.E. degree programme.

7.1.2 Admission to II Year B.E. Programme (Lateral Entry)

(A). Candidates with a Diploma Qualification:

- i. Candidates must have successfully completed a three-year Diploma or equivalent qualification in the relevant branch of Engineering, recognized by the Government/University, with an aggregate of not less than 45% marks in the final year (fifth and sixth semesters). A relaxation to 40% is applicable for candidates belonging to SC, ST, and other Backward Classes of Karnataka.
- ii. Candidates who have obtained their Diploma outside Karnataka are required to produce an Equivalence/Eligibility Certificate issued by the Director of Technical Education, Government of Karnataka.

(B). Candidates with a B.Sc. Degree:

- i. Candidates must hold a B.Sc. degree from a recognized university, as defined by the University Grants Commission (UGC), with a minimum aggregate marks of 45% . A relaxation to 40% is provided for candidates belonging to reserved categories.
- ii. In addition, candidates must have passed the 10+2 examination with Mathematics as one of the subjects.

(C). Additional Requirements:

- iii. All the Diploma and B.Sc. degree holders seeking admission to lateral entry, shall also pass any deficit courses as specified by the University before the completion of the degree.
- iv. Further, all the Diploma and B.Sc. degree holder applicants shall also be required to register and pass the non-credit mandatory Mathematics bridge course(s) specified by the KSIT, within two year of joining the programme. However, applicants with

B.Sc. degree (with Mathematics major) may apply to the Registrar through Principal/ Dean seeking exemption from the bridge course.

(D) Qualification earned from foreign Countries:

With regard to the qualification earned from foreign countries, an equivalence certificate from the Association of Indian Universities/ University is mandatory for admission to B.E./B.Tech. Programmes. In case of any dispute about the equivalence in qualification earned from foreign countries, the decision of the University in this regard shall be final and binding on all concerned.

8. ACADEMIC PROGRAM

KSIT shall prepare Academic Calendar as per the guidelines of the University, consisting of two regular semesters and a Summer Semester, the details of which are shown in Table 8.1 below.

Table 8.1:			
SL No	Activity	Description	
1	Number of semesters in an academic year	Three semesters where in two being Main Semesters (<i>Odd, Even</i>) and one being a Summer Semester (Annexure-1) . [Note: The Summer Semester is primarily designed to support slow learners and repeater students by providing an opportunity to retake courses. Additionally, KSIT may utilize this semester to offer Add-On Courses for other students and/or facilitate their participation in fieldwork or internships.]	
2	Duration of Regular Semester	19 weeks (Including Exams)	
3	Duration of Summer Semester or Fast Track Semester	08 weeks (Including Exams)	
4	Academic activities	Regular Semester	Summer Semester
	(Duration in weeks)	19 weeks	8 weeks
	Course Registration and Course work	16	7
	Examination/Assessment Preparation	1	1
	SEE [Semester End Exams]	1	
	Declaration of Results	1	

		<p>Inter-Semester Break After each Main Semester– 2 to 3 weeks (flexible). After Summer Semester– 1 to 2 weeks (flexible). Total: 14 weeks (for normal pace students) and 6 weeks (for slow pace students).</p> <p>[Note: Each semester includes structured academic provisions for students, such as course registration at the beginning, the option to drop courses mid-semester, and the facility to withdraw from courses toward the end the course. Each process carried out under the guidance of designated faculty members.</p>
5	Examinations / Assessment	<p>Continuous Internal Evaluation (CIE) and Semester End Examination (SEE), both having equal weightages in the students’ performance in Course Work/Laboratory Work and other activities.</p>
		<p>(Note: Continuous Internal Evaluation (CIE) shall be conducted by the course instructor throughout the semester on pre-announced dates. The results will be communicated to students periodically, enabling them to make informed decisions regarding course dropping or withdrawal—based on their academic performance and in consultation with their faculty advisors (Mentors). These provisions align with university guidelines and support the process of credit transfer for eligible students.)</p>

6	Additional Information	<ul style="list-style-type: none"> Care shall be taken to ensure that the total number of days for academic work is \geq 180/year. Academic schedules prescribed in the Institute shall be strictly adhered for the success of the Semester Scheme. Summer Semester shall be mainly used by the Colleges for conducting Repeat Courses for the benefit of slow learners/ repeaters. Minimum, Maximum and Average Course loads per Semester shall be decided in consultation with the University.
7	Summer Semester	Summer Semester conducted for the benefit of the students to clear their failed courses (F grade), if any. (refer to Annexure-1)
8	Makeup Exams	Make-up examinations are conducted only for courses offered in main (odd/even) semesters of an academic year and not for courses of summer semester.

The breakup of Academic Calendar (Odd, Even and Summer semesters) is given in the Table 8.2

Table 8.2: Academic Year

Sl. No.	Action Plan	Odd Semester	Vacation	Even Semester	Summer Semester	Vacation
1.	Registration of courses	One week before the commencement of the semester	3 weeks	One week before the commencement of the semester	Within one week after the announcement of results	3 weeks
2.	Coursework	16 weeks		16 weeks	7 weeks	
3.	Preparation	1 week		1 week	1 week	
4.	Examinations	1 week		1 week		
5.	Declaration of Results	1 week		1 week		
TOTAL		19 weeks	3 weeks	19 weeks	8 weeks	3 weeks

9. CREDIT SYSTEM AND COURSE STRUCTURE

The Institute follows a Choice based credit system (CBCS) for all the programme.

9.1 Credit Definition:

- 1- Hour Lecture per week per semester = 1 Credit.
- 2-Hour Tutorial per week per semester = 1 Credit.
- 2- Hours Practical/ Laboratory / Drawing per week per semester = 1 Credit.
- 4 –Credit Theory courses shall be designed for 52 Hours of Teaching Learning Process.
- 3 –Credit Theory courses shall be designed for 40 Hours of Teaching Learning Process.
- 2 –Credit Theory courses shall be designed for 25 Hours of Teaching Learning Process.
- 1 –Credit Theory courses shall be designed for 15 Hours of Teaching Learning Process.

Note: Other student activities which are not demanding intellectually or which do not lend to effective assessment, like practical training, Study tours, attending guest lectures, activities, etc. shall not carry any credit.

9.2 Credit Structure:

The detailed Credit structure is shown in Table 9.1:

Table 9.1: Typical Credit Structure for Course Work				
Credit Values				
Theory/Lectures (L) (Hours/Week/ Semester)	Tutorials (T) (Hours/Week / Semester)	Laboratory / Project Work (P)(Hours/Week /Semester)	Credits (L:T:P)	Credits (Total)
4	0	0	4:0:0	4
3	0	2	3:0:1	4
2	2	2	2:1:1	4
3	0	0	3:0:0	3
2	2	0	2:1:0	3
2	0	2	2:0:1	3
0	0	6	0:0:3	3
2	0	0	2:0:0	2
1	0	0	1:0:0	1

0	2	0	0:1:0	1
0	1	1	0:0:0.5 0:0:0.5	1
0	0	2	0:0:1	1

All Credit courses carry a maximum of 100 marks.

9.3 Offering Courses

The above types of courses in a B.E. /B. Tech. programme are offered as follows:

- 1) Humanities and Social Sciences (HS) courses will have 1 to 3 credits per course.
- 2) Applied Science (Basic Sciences (BS)) courses will have 2 to 4 credits per course.
- 3) Engineering Sciences (ES) courses are common across all disciplines and will have 2 to 4 credits per course.
- 4) Professional Core Courses (PC) will have 2 to 4 credits per course.
- 5) Professional Elective Courses (PE) will have 2 to 4 credits per course.
- 6) Open Elective Courses (OE) may have 2 to 4 credits per course.
- 7) Skill development Courses (SD) and may have 1 to 3 credits per course.
- 8) Ability Enhancement Courses (AE) may have 1 to 2 credits per course
- 9) Non-Credit Mandatory Courses (NCMC) require only a pass in each of the specified courses to qualify for the award of the Degree.
- 10) Project work (PW), Mini Project work (MP) and Internship (IS) are offered which may have 8, 2, and 10 credits respectively.

(a) Project work:

Based on the individual abilities of the students and the mentor's recommendation, a disciplinary or interdisciplinary major project may be assigned to a group of no more than four students. The primary project work should be undertaken within the institute, a research laboratory, or an industry setting. It is desirable that the outcomes of the project lead to publication or patenting, wherever possible.

(b) Mini Project work:

A Mini Project is a laboratory-based, societal, or industry-oriented task that provides students with a platform to enhance their practical knowledge and skills through the development of small-scale systems or applications. Depending on the abilities of the student(s) and the mentor's recommendations, a disciplinary or interdisciplinary mini-project may be assigned to a group of not more than four students.

(c) Internship:

The internship is an extended work experience designed to complement academic learning with professional development. It enables students to prepare for the workplace and acquire practical skills relevant to their field. Internships must be completed within the timeframe specified in the Scheme of Teaching and Evaluation. The institution shall encourage students to undertake an interdisciplinary research or industry internship/a rural internship, a work-based engagement aimed at gaining hands-on experience in rural settings and contributing to the improvement of living standards in those communities.

9.4 Audit Courses

An audit course allows a student to gain additional exposure to a subject without the pressure of earning a grade. To audit a course, a student must meet a minimum attendance requirement of 75%, along with any additional conditions set by the instructor—such as assignment submissions or minimum performance in in-semester evaluations. Auditing of courses is permitted during regular semesters from the **3rd semester onwards**, subject to the following conditions:

1. **Eligibility:** Only students with a CGPA greater than 6.0 are eligible to audit a course. The course must be offered as a credit course in that semester, and there must be no timetable conflict. Prior approval from the course instructor is mandatory.
2. **Limit:** A maximum of two (2) courses may be audited by a student over the entire duration of the programme.
3. **Grading:**
 - If the student satisfies the attendance and fulfils all additional requirements specified by the instructor, the instructor will award the grade '**AU**' (Audit).
 - If the requirements are not met, the student will be awarded '**No Grade**'.
 - The '**AU**' grade carries **no grade points** and is therefore **excluded from SGPA/CGPA calculations**.
4. **Transcript:** Successfully completed audit courses will be reflected in the **Semester Grade Card** and **Transcript** under the heading "Audit Course".

9.5 Prescribed Number of Credits for the Programme

All courses prescribed by the University, except for Non-credit Mandatory courses, shall carry credits and be treated as individual heads of passing for the purpose of vertical progression. Credits assigned to each course are awarded upon successful completion.

1. Students admitted to the first semester of the four-year B.E./B.Tech. programme are required to earn a total of **160 credits** for the award of the degree.

2. Students admitted under the lateral entry scheme to the **third semester** of the four-year B.E./B.Tech. programme must earn a total of **120 credits** to be eligible for the degree.
3. A student shall be awarded a B.E./B.Tech. degree with Honours or Minor upon earning an additional minimum of **18 credits**. (*As per VTU Regulations 2022 for the Award of B.E./B.Tech. Honours/Minors Degree*).

9.6 Curriculum Framework

The structure of the Undergraduate (UG) Engineering Programme shall comprise the following categories of courses, with the corresponding allocation of credits:

A typical structure of the courses and credit distribution in different Programmes is given in Tables 9.2, 9.3 & 9.4.

Sl. No.	Category	Credits	% of total Credits
1	Humanities and Social Sciences including Management courses, including AE	15	9.375
2	Applied Science (Basic Science, Environmental Sciences)courses	21	13.125
3	Engineering Science courses including workshop, drawing, basics of electrical/ mechanical/ computer/ PL/ ET etc.	22	13.75
4	Professional Core courses relevant to chosen specialization/branch	58	36.25
5	Professional Elective courses relevant to chosen specialization/branch	12	7.5
6	Open subjects – Electives from other technical and /or emerging subjects	12	7.5
7	Project work and internship in industry or elsewhere	20	12.5
8	Mandatory Courses [Induction Program, Indian Constitution, Essence of Indian Knowledge Tradition]	(non-credit)	0
	Total	160*	100.00

*Minor variation allowed as per need of the respective disciplines on approval of the Academic Council and affiliating university (VTU).

9.7 Scheme of Teaching and Evaluation

The Scheme of Teaching and Evaluation shall be framed by distributing the total

credits over eight semesters as follows:

Table -9.3 : Semester-wise Allocation of Credits				
	Semester	Credits	Total Credits	<ul style="list-style-type: none"> • Lecture(L): one hour/week : 1 credit • Tutorial(T): Two hours/week: 1 credit • Practical/ Lab/ Drawing (P): Two hours/ week: 1 credit • Project, Mini-project, Internship: credits as recommended by the University. • Credit for the Seminars shall be part of the courses.
I Year	1	20	40	
	2	20		
II Year	3	20	40	
	4	20		
III Year	5	20	40	
	6	20		
IV Year	7	20	40	
	8	20		
Total:		160		

9.8 Course Load

During the main semesters (Odd/Even) of any academic programme, students are permitted to register for a **minimum of 16 credits** and a **maximum of 28 credits**. However, after exercising options such as **course dropping or withdrawal**, the total registered credits for the semester **must not fall below 16**.

10. REGISTRATION

10.1 Registration Procedure

- i. Students are required to register for all courses prescribed in the scheme of study for each main semester (Odd/Even).
- ii. Only those students who are permitted to progress vertically—from an even semester to the subsequent odd semester as outlined in the table 20.1 are eligible to register for courses in the odd semester. There is, however, no restriction on progression from an odd to an even semester.
- iii. Course registration must be carried out in person with the guidance and approval of the respective Faculty Advisor (Mentor) strictly within the dates specified in the academic calendar.
- iv. Late registration beyond the specified deadline will not be permitted under any circumstances.
- v. Students must pay the prescribed registration fees and submit the fee Payment receipt to their respective Faculty Advisor (Mentor) at the time of registration.

10.2 Re-registration of Courses

- a. Students who have dropped, withdrawn from, or received an 'F' grade in any course during a semester are required to repeat the course in its entirety by re-registering during the summer semester or when the course is next offered, as per the provisions outlined in Section 17.

- b.** In the case of a core course, students must re-register for the same course when it is offered again.
- c.** For an elective course, students who have dropped, withdrawn, or received an 'F' grade may either:
 - Re-register for the same elective when offered next, or
 - Opt for another equivalent elective course, subject to the approval of the concerned department.
- d.** If a student obtains an 'F' grade in a project or internship, they must undertake a new project or internship with a different topic in the subsequent offering.

10.3 Registration in Absentia

Registration in absentia may be permitted only under exceptional circumstances, and must be carried out through an authorized representative of the student. Such requests will be considered at the discretion of the Principal, following the recommendation of the head of the department and approval from the Dean (Academic).

10.4 Dropping of Courses

- a.** A student demonstrating unsatisfactory performance in Continuous Internal Evaluation (CIE) may opt to drop specific course(s), based on a review and recommendation from the Faculty Advisor (Mentor).
- b.** Students intending to drop a course must apply midway through the semester, adhering to the deadline specified in the academic calendar. The application must be submitted in the prescribed format and routed through the Course Instructor, Faculty Advisor, and Head of the Department (HOD) to the Dean (Academic). Course dropping is not permitted beyond the stipulated deadline.
- c.** Courses officially dropped by the student will not appear on the Grade Card.
- d.** The Dean (Academic) will compile and forward the consolidated list of students who have dropped courses to the Office of the Controller of Examinations (COE).
- e.** A student is allowed to drop more than one course per semester, provided the total registered credits do not fall below 16 after dropping.
- f.** A student is not allowed to drop experiential learning and activity-based courses viz., laboratory, skill development, career electives, major project, and internship courses.
- g.** A student is not permitted to drop the same course more than once during the entire programme.

- h.** Dropping of courses is not permitted during the Summer Semester.
- i.** At the time of dropping a course, the student must have maintained a minimum attendance of 85% in that particular course.
- j.** If the dropped course is a core course, the student must re-register for the same course either during the summer semester or when it is offered in a subsequent regular semester. In the case of an elective course, the student has the flexibility to either re-register for the same elective or choose a different equivalent elective, subject to availability during the summer or subsequent semesters.

10.5 Withdrawal from Course

- i.** A student exhibiting poor performance in Continuous Internal Evaluation (CIE) may opt to withdraw from specific course(s) based on the recommendation of the Faculty Advisor (Mentor) following a review of the student's academic performance.
- ii.** Withdrawal from a course must be initiated towards the end of the semester, strictly within the deadline specified in the academic calendar. The student must submit a request in the prescribed format, routed through the Course Instructor, Mentor, and Head of the Department (HOD) to the Dean (Academic) for approval. Withdrawals beyond the stipulated deadline will not be permitted.
- iii.** Upon approval, the student will be temporarily awarded a 'W' grade, which will be recorded on the Grade Card. The student must re-register for the withdrawn course in the summer semester, upon payment of the prescribed fee.
- iv.** The Dean (Academic) shall forward the consolidated list of students who have withdrawn from courses to the Office of the Controller of Examinations (COE), recommending the award of a 'W' grade.
- v.** The 'W' grade shall be replaced with a regular letter grade (S to F) upon successful completion of the course during the summer or subsequent semester, as per Section 19.
- vi.** A student may withdraw from more than one course in a given semester. However, the total registered credits after withdrawal must not fall below 16.
- vii.** Withdrawal is not permitted for experiential learning or activity-based courses, including laboratories, skill development courses, career electives, major projects, and internships.

- viii. A student is not permitted to withdraw from the same course more than once during the programme.
- ix. Course withdrawal is not allowed during the summer semester.
- x. At the time of withdrawal, the student must have maintained a minimum attendance of 85% in the concerned course.
- xi. If the withdrawn course is a core course, the student must re-register for the same course during the summer or subsequent semesters. In the case of an elective course, the student may re-register for the same elective or choose a different elective offered during the summer or subsequent semesters.

10.6 Permitted Maximum Credits for Registration:

The student shall be permitted to register in a semester for that number of courses with total credits not exceeding 28. These 28 credits, include Minor/ Honours degree courses, the courses of the regular semester and backlog courses. The registration of these additional credits also includes the courses with a shortage of attendance and the courses with unfulfilled CIE requirements. A student shall pay the prescribed registration fees as notified by the University from time to time.

10.7 Late Registration :

Registration beyond the last date may be permitted only in special cases till the date specified in the Academic Calendar, on payment of a late registration fee.

10.8 Registration for Non-credit Mandatory Courses (NMC)

1. Formal registration for non-credit mandatory courses must be completed along with other courses at the beginning of the respective semester.
2. These courses are evaluated on a Pass (PP) / Not Pass (NP) basis, subject to the fulfillment of minimum activity requirements and a minimum of 75% attendance. Successful completion of these requirements is mandatory for the award of the degree.
3. A student will be awarded a PP (Pass) grade in the semester of registration if the minimum prescribed requirements and attendance criteria are met.
4. Failure to meet these requirements will result in an NP (Not Pass) grade. The student must then re-register for the course when it is next offered and complete it successfully within two years.

11. ATTENDANCE REQUIREMENT

- 11.1 All students shall maintain a minimum attendance of 85% in each course registered. In case of shortfall, the Principal shall consider and may condone deficiency up to a limit of 10% in special cases and shall submit a list of such candidates to the office of COE. The list of such students to be presented and to be ratified in the subsequent Academic Council meeting. However, all the relevant documents pertaining to condonation of attendance shall be maintained by the respective department and produced as and when required by the Institutional authorities. Any student failing to meet the above standard of attendance in any course(s) registered, shall not be allowed to appear for SEE of such course(s) and shall be marked NE (Not eligible to appear for SEE).
- 11.2 Attendance at CIE and SEE: Attendance at all examination/assessment/s, both CIE and SEE of each course registered shall be compulsory for the students and there shall not be any provision for re-examination/assessment consideration.
- 11.3 Any student against whom any disciplinary action by the College is pending shall not be permitted to attend any SEE in that Semester.
- 11.4 Each Semester is considered as a unit and the candidate must get minimum attendance of 85% in each course with a provision of condonation of 10% attendance for reasons such as medical emergencies and legitimate grounds.
- 11.5 The basis for the calculation of the attendance shall be the period prescribed by the College as per the calendar of events. For the first semester students, the same is reckoned from the date of admission to the programme.
- 11.6 The basis for the calculation of attendance shall be the period prescribed by the institute in its calendar of events. For first semester UG/PG & III semester B.E. lateral entry students, the attendance is reckoned from the date of admission. For all other semesters, attendance will be counted from the date of commencement of class as announced in the institute academic calendar.
- 11.7 The students shall take note of his/her attendance status periodically from the respective faculty and strive to make up the shortage. However, the departments shall periodically announce the attendance status of the students. Non-receipt of such information from the college will not be considered as valid reason for exemption from the attendance requirements.

11.8 If a student does not fulfil the attendance requirements in any course, he/she is not permitted to attend the Semester End Examination (SEE) in that course and shall be marked NE in that course.

11.9 In respect of Integrated/Comprehensive Courses, 85% of attendance shall be maintained both in theory and practical components. Failing to maintain the 85% (With a provision for condonation of 10% as mentioned above) attendance in any one component, the student will not be permitted to take up SEE in that course.

12. EXAMINATION AND EVALUATION

12.1 Assessment of Student Performance

Student performance in coursework is evaluated through structured examinations designed to assess learning levels. An assessment approach is adopted to comprehensively measure a student’s knowledge, understanding, and competence in the respective course. Formative, Summative and other Assessments shall be conducted as per the KSIT academic calendar of events in all the courses of the programme offered to the students, within the framework of Scheme of Teaching and Evaluation approved by the Academic council.

The assessment is conducted in two components:

- Sessional Assessment: Continuous Internal Evaluation (CIE)
- Final Assessment: Semester End Examination (SEE)

Weightage Allocation:

- CIE (Internal Assessment): 50 Marks
- SEE (End Semester Examination): 50 Marks

Both CIE and SEE are assigned equal (50:50) weightage each, to enable the course to be evaluated for a total of 100 marks.

A	Continuous Internal Evaluation (CIE)	25 marks
B	Assignments & Activity based learning	25 marks
	Total of CIE (A+B)	50 marks
C	Semester End Examination (SEE)	50 marks
	Total of CIE and SEE (A + B + C)	100 marks

12.2 Evaluation of Academic Performance through CIE and SEE

12.2.1 For Credit Courses

- a. Regular Credit Courses (Excluding Major Project – Phase I and Technical Seminar):
The academic performance of students in all credit-bearing courses shall be evaluated based on both Continuous Internal Evaluation (CIE) and Semester End

Examination (SEE). The total marks considered for awarding the final grade in such courses will be : Total Marks = CIE Marks + SEE Marks.

- b.** Major Project (Phase I) and Technical Seminar: The performance in Major Project (Phase I) and Technical Seminar shall be assessed solely based on Continuous Internal Evaluation (CIE). The total marks considered for awarding the grade in these courses will be: Total Marks = CIE Marks Only.

12.2.2 For Non-Credit Mandatory courses (NMC)

- a.** Student's performance in Non-credit Mandatory courses, excluding Additional Mathematics courses for Lateral Entry B.E. students, shall be assessed considering the performance in CIE only.
Total Marks = CIE Marks Only
- b.** In Additional Mathematics courses for lateral entry B.E. students, performance shall be assessed considering the performance in both CIE and SEE.
Total Marks = CIE Marks + SEE Marks
- c.** In Mandatory Non-credit courses student will be only considered Pass/Fail based on the performance (Total Marks) and no grade will be awarded.
- d.** A "Pass" in Mandatory Non-credit course shall be a necessary requirement for the student to qualify for the award of degree.

12.3 Continuous Internal Evaluation (CIE)

CIE is conducted by the course instructor all through the semester. CIE has different components depending on the type of course. The CIE will carry a maximum of 50% weightage of total marks of a course. Faculty must choose for the course three **Internal Assessment Test** and a minimum of two assignments and activity-based learning with suitable weightage for each. Few **activity-based learning tools** are as mentioned below:

- a. Assignments (Individual and/or Group)
- b. Seminars
- c. Oral/Online Quizzes
- d. Group Discussions
- e. Case studies/Case lets
- f. Practical orientation on Design Thinking, Creativity & Innovation

- g. Participatory & Industry-integrated learning
 - h. Practical activities / problem solving exercises
 - i. Class presentations
 - j. Literature survey /Analysis of Industry/ Technical/ Business Reports
 - k. Online.
- 1) The faculty will submit the 'Activity based learning plan' to head of the department (HoD) for approval and notify the same along with the course syllabus before the start of semester. The total marks of the above two assessment components shall be scaled down to 25 marks/ 25% of total marks of the respective course.
 - 2) To assess the students in a course, **three tests** shall be conducted in a semester. Each test will be conducted for **25 marks**. The average marks obtained in these three tests will be taken as CIE Marks. If a student fails to attend the test on the scheduled date, due to valid reasons, on recommendation from the Institute Academic Affairs Committee (IAAC), HoD and course handing faculty, an additional test at the end of the semester would be conducted covering the syllabus of the test for which he was absent.
 - 3) The CIE marks awarded to students at different stages during the course shall be displayed on the notice board of the Department concerned to enable the students to point out any discrepancies.
 - 4) The student shall obtain a minimum of 40% of marks allotted for CIE in each course to be eligible to appear for the SEE in that course.
 - 5) When laboratory is part of a theory course, the student shall obtain a minimum of 40% marks in CIE of the laboratory to be eligible to appear for SEE in that course. This is in addition to the requirement specified under (4) above. The CIE marks obtained by a student in the laboratory, if it is equal to or greater than 40%, shall be retained until the end of that academic year till he passes the SEE. Otherwise, he shall re-register for the course when offered next.
 - 6) If a student is unable to secure a minimum of 40% in CIE marks in any course, he shall not be eligible to take up SEE/ viva-voce examination in that particular course. It shall be the responsibility of HoD to scrutinize the list of candidates and submit the eligible list of students COE through Dean Academics and Principal.
 - 7) The list of such students, who have not secured the minimum in CIE marks, shall be sent

to the COE through Dean Academics and Principal along with the submission of CIE marks of the successful students.

- 8) After the submission of CIE marks to the COE through Dean Academics and Principal, any request for changes in the marks by the Course handling faculty/HoD shall be considered only after due approval of the Principal.
- 9) The students not obtaining 40% marks in CIE shall re-register for the course during the subsequent Summer semester whenever it is offered.

12.3.1 CIE Assessment Pattern – Theory-based Courses

This section of the regulations is applicable to all credit and non-credit theory-based courses, including but not limited to Language courses, Skill Development courses (such as Aptitude and Logical Reasoning), and certain theory-based Elective courses.

Components		Number	Total marks	Max. Marks [Scaled down to]
(i)	Tests [A]	3	75	25
(ii)	Assignment [B]	3	10	10
(iii)	Activity Based Assessment [ABA] (C)	1	15	15
Total Marks				50

Final CIE Marks = (A) + (B) + (C)

A. Activity Based Assessment (ABA):

- (i) Activity Based Assessment is intended to evaluate higher-order cognitive abilities and the development of professional and generic skills among students.
- (ii) The assessment encompasses a wide range of activities including, but not limited to, seminars, surveys, application of modern tools, group discussions, open-ended problem-solving tasks, mini-projects, MOOCs, technical paper publications, and other experiential learning activities. This excludes module tests and group assignments.
- (iii) The evaluation will be carried out based on predefined rubrics developed by the respective course instructor for each identified assessment method. Marks may be awarded on a broader scale and appropriately normalized or scaled down to align with the maximum marks allocated for ABA, if necessary.

12.3.2 CIE Assessment Pattern – Theory-based Courses with lab

This section of the regulations is applicable to all credit and non-credit theory-based courses, including but not limited to Language courses, Skill Development courses (such as Aptitude and Logical Reasoning), and certain theory-based

Elective courses.

Components		Weightage	Max. Marks
(i)	Class Work (A)	50%	25
(ii)	Lab conduction and Lab Test (B)	40%	20
(iii)	Assignment	10%	05
Total Marks			50

Final CIE Marks = (A) + (B) + (C)

12.3.3 CIE Assessment Pattern - Major Project/Summer Internship Project Courses

A. General

- i. Projects shall be evaluated by **Departmental Project Evaluation Committee** (DPEC) for B.E., MCA & M. Tech. programmes according to the rubrics. The same committee shall evaluate all phases of Major Project.
- ii. Final project reports must go through the plagiarism check and the plagiarism index must be less than or equal to 25% for UG and 15% for PG are eligible for submission.
- iii. The plagiarism report duly verified and signed by the respective project guide will have to be included in the final project report.

B. Assessment Pattern

I. Major Project (Phase-I)

- i. Assessment of Major Project (Phase-I) shall be based on the identification of problem statement, review of literature, defining objectives, publishing review paper etc. A report and presentation shall be given by the students to this effect.
- ii. The title of the Major Project approved by DPEC during the Phase-I assessment cannot be changed in Phase-II.

Phase		Max. Marks
(i)	First Review [[Literature Survey and define problem statement]	30
(ii)	Second Review [Publishing Literature Survey paper]	30
(iii)	Third Review [Define proposed method, Data set and procedure]	40
Total Marks		100
Total Marks Reduced to 50 Marks if applicable		50

II. Major Project (Phase-II)

Major Project (Phase-II) shall be assessed in 3 sub-phases

Phase		Max. Marks
(i)	1 st Review	25

(ii)	2 nd Review	25
(iii)	3 rd Review with demo & Publication of implementation paper	50
Total Marks		100

CIE Marks = 100 Marks

III. Research/ Industry/ Start-up Internship

Assessment Criteria		Max. Marks
(i)	Internship Progress Evaluation by DIEC (A)*	50
(ii)	Internship Report Evaluation by the Guide (B)	50
Total Marks		100
Reduced to 50 Marks if applicable		50

CIE Marks = (A) + (B) (Reduced to 50 Marks)

- *The progress shall be evaluated by Departmental Internship Progress Evaluation Committee (DIPEC) as per the criteria identified and rubrics developed based on the area of specialization in which the project is being carried out.
- Quality Internship work can be extended as project

Note: Department Internship Progress Evaluation Committee (DIPEC)

12.3.4 CIE Assessment Pattern - Internship Courses

A. General Guidelines

- (i)** Internship performance shall be evaluated by the Departmental Project & Internship Evaluation Committee (DPIEC), based on clearly defined rubrics tailored to the specific nature and objectives of the internship undertaken.
- (ii)** Students may pursue internships in recognized industries, R&D organizations, reputed academic institutions, the parent institution, or Centre of Excellence (either internal or external to the college), as well as through platforms such as the AICTE Internship Portal.
- (iii)** If an internship is undertaken in an external organization or in Centre of Excellence established by the institution or an external agency, the professional supervising the student (other than the Internal Guide) will be designated as the **External Guide**.

- (iv) In cases where the Internal Guide also serves as a domain expert within the college's Centre of Excellence, he/she shall assume the role of both **Internal and External Guide**.
- (v) Students are required to maintain a daily **Work Diary** documenting their activities, learnings, and key observations throughout the internship. This diary must be verified and signed regularly by the External & Internal Guide.

B. Assessment Pattern

Assessment of Internships shall be based on the fulfilment of relevant outcomes, feedback from External Guide, maintenance of progress diary, report writing, presentations etc.

12.3.5 Evaluation of MOOCs/Online Courses

For MOOCs and other recognized online courses, there shall be no Continuous Internal Evaluation (CIE) or Semester End Examination (SEE) conducted by the institution. The **final grade** mentioned in the certificate issued by the authorized platform or competent authority shall be directly considered for academic evaluation.

In cases where the certificate indicates only **marks** and not a letter grade, the marks will be appropriately **converted to an equivalent letter grade** as per the institution's grading policy.

12.3.6 Minimum Requirement in Continuous Internal Evaluation (CIE)

(Passing Standards in CIE): Minimum CIE Marks to B.E. Eligible to take SEE

(As per passing standards using absolute Grading for UG in VTU page No.36)

Programme	Courses	Passing Standards in CIE	
		Percentage	Marks
B.E.	All Courses	40% of CIE Marks	20 out of 50

Minimum CIE Requirements and Implications

- i. For **credit courses with a Semester End Examination (SEE)**, students must secure the prescribed minimum marks in Continuous Internal Evaluation (CIE) to be eligible to appear for the SEE. Failure to achieve the minimum CIE marks will result in the award of an **'F' grade**, and the student will not be permitted to take the SEE. In such cases, the student is required to **re-register and repeat the course in its entirety** when it is next offered by the department.
- ii. For mandatory non-credit courses students securing the minimum required CIE marks shall be considered to have passed the course and will be awarded a 'PP' (Pass) Grade. These courses will not be having SEE component.

- iii. Passing all mandatory non-credit courses is a prerequisite for the award of the degree.
- iv. Students failing to secure the minimum CIE marks in mandatory non-credit courses will be considered as 'Not Passed' and awarded an 'NP' Grade. They must re-register and repeat the course in its entirety when it is next offered and successfully complete it to obtain a 'Pass'.
- v. In credit courses where SEE is not conducted, students obtaining the minimum required CIE marks or more shall be awarded an appropriate Letter Grade based solely on their CIE performance. Those failing to meet the minimum requirement will receive an 'F' grade and must re-register and repeat the course as per the departmental schedule.
- vi. In the case of Major Project (Phase-I) during the seventh semester, students who do not meet the minimum CIE requirements must rework on the project during the semester break, present it to the Departmental Project Evaluation Committee (DPIEC) for reassessment, and secure a passing letter grade based on the minimum required CIE marks before proceeding to Major Project (Phase-II).

12.4 Semester End Examination (SEE)

12.4.1 Overview of SEE

I. Courses Subject to SEE

1. All credit courses offered in the B.E. programmes are subjected to the Semester End Examination (SEE). However, courses focused on experiential learning, self-learning, or activity-based learning such as Major Project (Phase-I), Technical Seminar, and MOOCs Online Courses are exempted from SEE.
2. Non-credit mandatory courses in the B.E programmes are not subjected to SEE.
3. The SEE examinations for all the Programmes of study shall be conducted at the end of each semester.
4. Students having no backlog courses, may not have more than one examination scheduled on the same day. However, students having backlog course may face a situation where they may have,
 - a) To take two examinations on the same day, one during the morning session and the other in the afternoon session, and
 - b) Examinations on consecutive days.

The students shall be prepared to appear for the examinations specified above under (a) and (b) cases. As changing the examination date is not an option, the examination time table shall not be modified/ altered/ adjusted in any of the above cases.

5. A student securing an 'F' grade in any courses, shall reappear for that course during the subsequent SEE. The CIE marks awarded to the student at the first attempt in the concerned course shall be carried forward. Revised CIE marks are considered only for courses where grade DX/NP was awarded.
6. For a pass ('P' grade), sum of CIE and SEE marks must be 40% of the maximum marks prescribed for a course as per the Scheme of Teaching and Evaluation (as per VTU 2024 regulations for Overall Score for passing in Absolute Grading for UG Page No.36).

II. Maximum Marks for SEE

- **Undergraduate (UG) Programmes:**

SEE for all theory and laboratory courses, projects, and internships will be conducted for a maximum of 100 marks, which will subsequently be scaled down to 50 marks for final computation.

- **Special Courses:**

Courses such as Languages, Experiential Learning, and Activity-Based Learning, including Communicative English, Samskruthika/Balake Kannada, Career Electives, Engineering Exploration, Universal human values and Skill Development, will have a SEE conducted for 50 marks.

Table 12.4.1: Courses in SEE and Maximum Marks

Course Type	Max. Marks	Duration	Remarks
Theory Courses	100	3 hours	Marks reduced to 50
Laboratory Courses	100	3 hours	Marks reduced to 50
UG - Major Project (Phase-II)	100	3 hours	100 Marks
Internship	100	3 hours	100 Marks
Technical Seminar	100	3 hours	100 Marks
Languages, Experiential Learning, UHV and Activity based Courses	50	1 hour	50 Marks

III. Minimum Marks to Obtain in SEE (Passing Standard in SEE):**Table 12.4.2 Minimum SEE Marks**

Programme	Courses	Passing Standards in SEE	
		Percentage	Marks
B.E.	All Courses	35% of SEE Marks	18 out of 50

Minimum Requirement in SEE and Associated Grades

1. A student failing to secure the minimum prescribed marks in the Semester End Examination (SEE) will be awarded an 'F' Grade or an 'X' Grade, as per the guidelines defined under Section 19.1 however, it is important to note that the 'X' Grade shall not be awarded in make-up examinations or during the summer semester.
2. Students who are awarded an 'F' Grade may re-register for the course in its entirety when it is next offered by the department. For re-registered students the under mentioned terms are applicable
 - They must satisfy the minimum requirements for both CIE and SEE afresh.
 - This process will continue until the student obtains a passing letter grade ('E' or above) in that course.
3. Students awarded an 'X' Grade are eligible to appear for make-up examinations, as per the relevant provisions.

IV. Passing Standard in the Course for Award of Credit and Grade**Table 12.4.3: Passing Standards for Award of Grade**

Programme	Courses	Passing Standard in a Course: Total Course Marks = Aggregate of CIE + SEE marks*	
		Percentage	Marks
B.E.	All Courses	Min. 40% of Total Course Marks	Min. 40 out of 100

***Courses without Semester End Examination (SEE)**

For courses where the **Semester End Examination (SEE)** is not conducted, the **Continuous Internal Evaluation (CIE)** marks shall constitute the **Total Marks** for the course.

- V. Credits and Grade Award:** Only those students who meet the minimum passing requirements, as specified in Table 12.4.3, shall be.

- Awarded the prescribed credits for the course, and
- Eligible to receive a corresponding passing letter grade, based on their performance in accordance with Section 19.

VI. Semester End Examination (SEE) for Various Course Types

1. **Theory-Based Credit Courses:** The SEE shall be conducted as a written examination for all theory-based credit courses.
2. **Laboratory, Activity-Based, and Experiential Learning Courses:** The SEE shall involve laboratory examinations, activity-based assessments, or project evaluations, depending on the nature of the course.

VII. Appointment and Role of Examiners for Non-Theory Courses

1. **Laboratory Courses:** Evaluation shall be conducted by one internal examiner and one external examiner, preferably those with a minimum of three years of teaching experience in the subject.
2. **Activity-Based and Experiential Learning Courses:** These shall be assessed by the course instructor, course coordinator, or a designated internal subject expert.
3. **Major Project (Phase II) – VIII Semester (B.E.):** Evaluation shall be carried out jointly by two examiners (internal and external).
4. **Appointment of Examiners:**
 - a. For the above-mentioned categories [1 to 3], examiners shall be appointed by the Chairman of the Board of Examiners (BOE) with prior approval from the Controller of Examinations (COE).
 - b. In cases where two examiners are appointed, they must conduct joint evaluation as per the specified assessment criteria and rubrics.
5. **Technical Seminar:** Shall be assessed by a three-member departmental committee, constituted by the Head of the Department (HOD), with the senior-most faculty serving as Chairperson and a faculty member.
6. **Internship Evaluation:** The student's internship shall be jointly evaluated by the internal guide and the external guide, both appointed as examiners by the COE.
7. **Major Project (Phase II) and Internship:** These shall be evaluated separately by internal and external examiners, following the specific assessment pattern defined for the respective programme.

Assessment		Max Marks
(i)	Report Evaluation by Internal Examiner (A)	25
(ii)	Report Evaluation by External Examiner (B)	25
(iii)	Joint Viva – Voce Examination (C)	50
Total Marks [Reduced to 50 if applicable]		100

8. Examination Schedule

- ii. The Semester End Examinations (SEE) for various courses shall be conducted as per the examination timetable announced by the Office of the Controller of Examinations (COE).
- iii. Absence from SEE

1. Absence Due to Valid Reasons:

- a. A student who is unable to attend the SEE due to valid reasons such as serious illness or a grave family emergency must immediately apply for the award of an 'I' Grade in the concerned course.
- b. The application must be submitted to head of the department before the examination is conducted. Late submissions will not be considered. (Refer to Section 19.1 (A) for further details.)

2. Absence Without Valid Reason:

- A student who remains absent **without providing any valid reason** will be awarded an '**F**' Grade in that course.
- Such students may **re-register during summer semester and repeat the course in its entirety** when it is next offered by the department.

12.4.2 Eligibility to Appear for SEE

A student shall be eligible to appear for the Semester End Examination (SEE) in a course if the following conditions are met:

1. The student must have formally registered for the course and has fulfilled the prescribed attendance requirements.
2. The student must have secured the minimum required marks in Continuous Internal Evaluation (CIE) for that course. (Refer to Section 12.3.6).
3. The student must have paid all prescribed examination fees within the notified timelines.
4. There are no pending disciplinary actions against the student by the college or the university.

12.4.3 Question Paper Pattern

The pattern of the question paper for SEE shall be as per the model question paper format communicated from time to time by the examination section or respective academic bodies.

12.4.4 Evaluation Process

A. Bachelor of Engineering (B.E.) Programme

1. First Evaluation:

Coded answer scripts of each class shall be evaluated by a qualified examiner from the approved panel of examiners, preferably with a minimum of **3 years** of teaching experience, strictly following the scheme of evaluation.

2. Moderation Process:

- I. A blind review (moderation) is conducted to ensure fairness and quality in evaluation.
- II. Moderator: An external examiner from the approved panel appointed by the Academic Council.
- III. Selection for Moderation: 10% of the total scripts from each course, covering the entire range of marks are to be selected for moderation.
- IV. Finalization of Marks:
 - If the difference between first evaluator and moderator is $\leq 10\%$ of the maximum marks, the maximum marks awarded by the evaluator/moderator will be retained.
 - If the difference exceeds 10%, the script will be sent for a third evaluation and the final marks will be based on the applicable third evaluation guidelines.

B. Third Evaluation/ Revaluation – B.E. Programme

1. Evaluator: The third evaluation shall be conducted by an external examiner from the approved panel or a senior faculty member from the department who has previously taught the course. The evaluator will be nominated by the Controller of Examinations (COE) in consultation with the Chairperson of the Board of Examiners (BOE).

2. Final Marks after Third Evaluation:

- a. If the three evaluation marks differ significantly, the average of the two closest marks shall be considered as the final marks.
- b. If one of the three marks lies exactly midway between the other two, then the average of the higher two marks shall be taken as the final score.

12.4.5 Disclosure of Evaluated Answer Scripts (Answer Book Viewing)

To ensure transparency in the evaluation process, students are given an opportunity to view their evaluated answer scripts under the following conditions:

A. Eligibility to View Answer Scripts

1. Any student dissatisfied with the evaluation may request to view the evaluated script.
2. The student must appear in person and produce a valid identity proof. The answer scripts will only be shown to the student who wrote the examination.

B. Authority for Disclosure

The process of answer book viewing will be facilitated by the Office of the Controller of Examinations (COE).

C. Schedule

The viewing of Answer Scripts process will be arranged within 3 to 4 working days from the date of announcement of results.

D. Application Procedure

1. The student must pay the prescribed fee, fill in the application form, and submit it along with the fee receipt in person to the COE office before the last date.
2. If the student is unable to appear in person due to valid reasons, a parent or guardian may apply on the student's behalf, provided written authorization from the student is submitted.
3. At the time of submission, the student must present valid ID proof.
4. Late applications or incomplete submissions will not be accepted.

E. Grievance Redressal

1. No Grievance: If the student is satisfied with the evaluation, they must complete and submit a 'Satisfactory Evaluation Form' to the Office of COE.
2. Totalling/Unawarded Marks:
 - If discrepancies are found in totalling or if marks have not been awarded for answered questions, the student must submit an 'Evaluation Grievance Form' to the Office of COE.
 - The BOE Chairperson will review the grievances and take appropriate action as directed by the COE.

12.4.7 Gracing Policy

To provide limited relief to students in borderline failure cases, the institution follows the below gracing policy:

1. A student who fails in only one subject of the examination may be awarded up to a maximum of 2% of SEE marks, provided the grace enables the student to secure the minimum passing marks in that subject.
2. Each student shall be permitted to avail the provision of gracing a maximum of two times during the course of the degree program.
3. Grace marks awarded under this policy will be recorded only in the internal ledger for examination purposes and will not appear in the student's statement of marks.

12.5 Make-up Examinations

The institution provides an opportunity to students with valid transitional grades to appear for Make-up Examinations under the following guidelines:

12.5.1 Applicable Courses

- Make-up examinations shall be conducted only for courses offered during the regular (odd/even) semesters of an academic year.
- Make-up examinations are not applicable for courses offered in the summer semester.
- The students passing in the makeup examination shall lose their eligibility to be considered for the award of Ranks.

12.5.2 Eligibility Criteria: Students who have been awarded transitional grades such as:

- 'I' Grade (Incomplete)
- 'X' Grade (Eligible for Make-up Exam) as defined in Section 12.5 and 19.1 are eligible to appear for the make-up examinations.

12.5.3 Non-Eligible Categories: Students who have been awarded 'F' Grade (Fail) / 'W' Grade (Withdrawn) are not eligible for make-up examinations. Such students are required to re-register for the course when it is offered again, either during a regular semester or a summer semester.

12.5.4 Registration Procedure: Eligible students must register for the make-up examination by Submitting an application to the Office of the Controller of Examinations (COE) and paying the prescribed fee within the notified timeline.

12.5.5 Examination Schedule: Make-up examinations will be conducted **as per the timetable** announced by the Office of the COE.

12.5.6 Examination Standard: The content, format, and evaluation standards of make-up examinations will be identical to the regular Semester End Examination (SEE) of the respective course.

- **Note:** Refer examination manual for revaluation

12.6 Rejection of Results Policy

1. **Provision for Rejection:** A student is allowed to reject the entire performance of a semester and this includes both Continuous Internal Evaluation (CIE) and Semester End Examination (SEE) marks or only the SEE results of a semester. This option is available **only once** during the entire duration of the programme.
2. **Scope of Rejection:** Students opting to reject SEE results must reject the performance in **all courses** of that semester, regardless of the grades earned, and may choose to either retain or reject the CIE marks. Rejection of the VIII semester project performance is not permitted under any circumstances.
3. **Re-admission and Progression Rules**
 - a. Students who reject the entire semester performance, including CIE, are required to repeat the respective semester of the current scheme by seeking re-admission in the subsequent academic year, as per Clauses mentioned in “Maximum Duration for Programme Completion” and “Readmission”.
 - b. Students who reject only SEE marks (retaining CIE) may progress as follows:
 - i. If rejection pertains to an odd semester, the student may take admission to the immediate next even semester.
 - ii. If rejection pertains to an even semester, the student may proceed to the next odd semester.

- c. Such re-admissions are not treated as fresh admissions. The student retains their original University Seat Number (USN), and the maximum duration of the programme is calculated based on the original USN.

4. Application Process and Timelines

- I. Applications for rejection of SEE results (excluding CIE) and approval to reappear for SEE must be submitted to COE through the Head of the department, Dean Academics and Principal within 7 days from the date of result announcement, along with the prescribed fee as notified by the KSIT. Late submissions will not be accepted.
- II. Applications for rejection of complete semester performance (including CIE) and approval for re-admission must also be submitted to COE through the Head of the department, Dean Academics and Principal within 7 days from the date of result announcement.

5. Registration for SEE is mandatory if the student has met the attendance and CIE criteria for a semester, and then:

- I. If a student fails to register for the SEE of an odd semester despite fulfilling attendance and CIE requirements, they may proceed to the even semester of the same academic year. However, they must register and appear for the odd semester SEE at the end of the academic year, which will be considered as their first attempt.
- II. If a student does not register for the odd semester SEE after successfully completing the even semester, they will not be allowed to progress to the next higher odd semester of the following academic year.
- III. Regardless of whether a student appears for the SEE, registration is compulsory for both odd and even semester exams within the academic year.

6. Eligibility for Degree and Awards:

Students opting for rejection of SEE results remain eligible for the award of Degree and Minor Degree. However, they shall not be eligible for the award of Ranks or Honours Degree.

12.7 Policy on Academic Malpractices

Academic malpractices are viewed with utmost seriousness, and appropriate disciplinary action shall be taken in all such cases.

- I. In instances of malpractice during internal assessments such as assignments, quizzes, or internal tests, the concerned Course Teacher or Invigilator shall report the incident to the HOD and Malpractice Committee for necessary penal action.
- II. All instances of malpractice during the Semester End Examinations (SEE) must be reported to the COE, regardless of the severity of the offence.

13. SUMMER SEMESTER

13.1 General Guidelines

The **Summer Semester** is a special provision intended to support students who have dropped or withdrawn from course(s) or failed in courses during the regular Odd/Even semester. With the objective of helping students to progress without losing an academic year.

- a. The offering of courses during the Summer Semester is subject to the discretion of the department and the availability of faculty and resources. The College/Department is not obligated to offer all courses, and students cannot claim the Summer Semester as a right.
- b. For courses registered during the Summer Semester, Continuous Internal Evaluation (CIE) marks from the main semester will not be carried forward. Students must complete all academic requirements afresh.
- c. Students enrolled in the Summer Semester must attain the minimum required attendance and secure fresh CIE marks in each course to be eligible for the Summer SEE.
- d. Dropping or withdrawal from any course is not permitted during the Summer Semester under any circumstances.

13.2 Duration for Summer Semester

The Summer Semester shall be conducted over a period of **8 weeks**, including time allocated for internal assessments and semester end examinations. It is **offered at the end of the even semester** of each academic year.

13.3 Eligible Students

1. The Summer Semester is intended for students who have been awarded: either **'F' Grade (Fail)**/ **'W' Grade (Withdrawn)**, or who have **formally dropped course(s)** in the regular Odd/Even semesters.
2. For students with a **'W' Grade**, failure to register for the same course in the Summer Semester, or failure to meet the attendance and/or CIE requirements after registration, will result in the **'W' Grade being converted to 'F' Grade**.
3. For students who had **dropped a course**, failure to register for the dropped course in the Summer Semester, or failure to obtain the required attendance and/or CIE marks, will result in the **award of an 'F' Grade** in that course.
3. Students holding an **'F' Grade** who do not register for the Summer Semester or fail to meet the minimum attendance and/or CIE requirements during the semester will **retain the 'F' Grade** for that course.

13.4 Registration

1. Students intending to avail the **Summer Semester** facility must register through their respective departments (via the faculty mentor/Advisor, HOD) by paying the prescribed fee.
2. Registration must be completed within the deadlines specified in the academic calendar. Late registrations shall not be accepted under any circumstances.
3. The list of courses to be offered in the Summer Semester shall be announced at the end of the even semester; subject to departmental discretion and resource availability.
4. A student may register for a maximum of **16 credits** or not more than four courses, during the Summer Semester.

13.5 Attendance Requirement

Students must **attain a minimum of 85% attendance** in each registered course to be eligible to appear for the **Summer Semester End Examination (SEE)**.

1. Students with attendance between 75% and less than 85% may be considered for condonation of attendance by the Principal, provided the shortfall is due to valid reasons, such as Hospitalization, Participation in university/intercollegiate-level sports or cultural activities, Participation in seminars, workshops, or paper presentations with prior approval.
2. Requests for attendance condonation must be submitted to the Principal at least one week prior to the commencement of examinations. The request must be made in the prescribed format accompanied by valid supporting documents, recommended by the Head of the Department, and the Dean (Academic). Late submissions will not be entertained.

13.6 Continuous Internal Evaluation (CIE) in Summer Semester

1. The CIE for the Summer Semester shall be conducted as per the schedule published in the academic calendar.
2. The standard and structure of the CIE will be equivalent to that of the main semester for the respective course.

13.7 Semester End Examination (SEE) in Summer Semester

1. The SEE for the Summer Semester will be conducted as per the timetable announced by the Office of the Controller of Examinations (COE).
2. The standard and rigor of the summer semester SEE will be on par with the main semester examinations for all courses.

13.8 Absent to summer semester SEE

1. Student with 'W' grade is absent, then, 'W' Grade shall be converted to 'F' Grade.
2. Student with 'F' Grade is absent, then, 'F' Grade shall be retained.
3. Students absent for a course that he/she had dropped in main semester shall be awarded 'F' Grade
4. Students of 1, 2 and 3 above need to re-register in entirety for such courses during summer semester when offered in the department.

13.9 Grades Awarded

1. Students obtaining the required minimum marks in SEE of Summer semester, and, on becoming eligible for the award of credits and grade will be awarded a Letter Grade from 'S' to 'E' based on the performance.
2. If the student fails to obtain the minimum marks in summer examination, then he/she will be awarded 'F' Grade and such students will have to repeat the course in its entirety by re-registering to that course when it is offered by the department.
3. 'I' and 'X' Grades are not awarded during summer semester.

14. CHANGE OF BRANCH

14.1 Procedure for Change of Branch as per VTU norms (Annexure II)

1. A student admitted to a specific branch of the undergraduate programme is generally expected to continue in that branch for the full duration of the programme. However, in exceptional cases, a one-time branch change may be permitted at the beginning of the third semester.
2. Branch change shall be permitted strictly in accordance with the regulations prescribed by the University and the recommendations of the Academic Council.
3. Branch change shall be considered only if it does not result in the strength of any branch falling below 75% of the admitted intake at the first-year level, excluding all supernumerary categories such as SNQ (Supernumerary Quota), J&K quota etc.
4. A change of branch is permissible only against clear vacancies in the destination branch. The vacancy is determined as $Vacancy = S - (A + R)$
 - S = Sanctioned intake for the branch as approved by AICTE for the relevant academic year (at the time of admission to the first semester)
 - A = Number of regular students eligible for promotion to the third semester as per vertical progression norms (excluding supernumerary admissions)
 - R = Number of repeating students from previous batches eligible to join the third semester.

5. The allotment of branches in case of change shall be done strictly based on merit, determined by the Cumulative Grade Point Average (CGPA) obtained at the end of the second semester.
6. Branch once changed cannot be reverted and/or changed again. No further request for reversion or subsequent change will be entertained under any circumstances.
7. Branch change is not an entitlement or a right. It is subject to the availability of vacancies, adherence to the above guidelines, and the final approval of the competent authorities.

14.2 Eligibility to Apply for Change of Branch

1. Only those students who are eligible for promotion to the third semester in accordance with the vertical progression regulations (refer Section 16) shall be eligible to apply for a Change of Branch.
2. Students admitted under the Supernumerary Quota (SNQ) are not eligible for branch change, as per the Government of Karnataka regulations.
3. Students admitted under Government of India (GOI) quota, foreign nationals, and Persons of Indian Origin (PIO) are eligible to apply for a branch change. However, their applications will be considered under sanctioned intake only. These cases could be considered only if vacancy exists after change of branch of regular students.

14.3 Procedure for Applying for Change of Branch

The University/Institution will issue a notification inviting applications for branch change for the relevant academic year. Interested students must submit their applications along with the prescribed non-refundable application fee, as notified by the University/Institution. Applications submitted after the last date specified in the official notification will not be entertained under any circumstances. Submission of an application for branch change does not guarantee approval. All requests will be considered based on merit, eligibility, and availability of seats as per the prevailing regulations.

14.4 Generation of Merit List

Based on the applications received, the University/Institution shall prepare a merit list for change of branch in accordance with the following criteria:

Students who have successfully passed all subjects in the first year will be ranked higher in the merit list, based on their Cumulative Grade Point Average (CGPA).

Students who have not cleared one or more subjects but are eligible for promotion to the third semester as per the vertical progression guidelines shall be ranked below those who have passed all subjects. Their position in the merit list will be based on the number of failed courses and their CGPA. Foreign nationals, and students admitted under the Government of India (GOI) and Persons of Indian Origin (PIO) quotas, will be placed at the end of the merit list, in accordance with Section 14.4 [i] and [ii]

- i. In the event of a tie in CGPA, it shall be resolved by considering the percentage of marks obtained in the 10+2 (Pre-University) examination.
- ii. The merit list shall be prepared based on the existing academic performance and will not account for any changes resulting from re-evaluation.

15. CHANGE OF COLLEGE:

15.1 UG Programme:

The students can opt to migrate from one branch or specialization to another branch or specialization at the same College or at another Autonomous/ Affiliated/ Constituent College under the University / University, at the beginning of the second year. In these cases, KSIT shall follow the Rules and Regulations of the University/Council. Students can opt to migrate from KSIT to other colleges (Autonomous/ Affiliated/ Constituent College under the University / University) and vice versa at third year by following the regulations framed by the Academic Council (by getting the individual cases examined by the concerned Board(s) of Studies approved by the University/Council.

The eligibility criteria for the admission of students from the other Universities (India or Abroad) to KSIT shall be same as that of prevailing for the other affiliated colleges of the University. However, such candidates can be admitted only on the approval from Academic council of KSIT and approval from the University.

The change of college is permitted as per the regulation from University if the strength in the branch is not falling below 75% of the admission at the first-year level in the respective branch and with prior approval.

16. MAXIMUM DURATION FOR COMPLETION OF THE PROGRAMME

- Students admitted to the first semester of the B.E. programme must complete all degree requirements within eight academic years from the year of their initial admission. Failure to do so will result in ineligibility for the award of the degree.
- Students admitted directly to the third semester under the Lateral Entry Scheme are required to complete the programme within six academic years from the year of their first admission. Failure to meet this requirement will also render them ineligible for the award of the degree.

17. READMISSION POLICY

1. General Provision: Students who temporarily discontinue the programme may seek readmission to the appropriate eligible semester, subject to the provisions of Clause 16.
2. Application for Readmission: Readmission is not a right and shall be granted only upon a formal request submitted through the Principal. Students granted readmission cannot claim any privileges or benefits arising from the process.
3. Change of Scheme: Students readmitted to a semester under a different scheme, whether as repeaters or fresh entrants must:
 - I. Complete all remaining semesters under the prevailing scheme.
 - II. Complete any additional courses as recommended by the Equivalence Committee, in consultation with the concerned Board of Studies, to establish equivalency between schemes.
 - III. Such students shall not be eligible for the award of rank.
4. University Seat Number (USN) and Duration: Readmission to any odd or even semester shall not be treated as a fresh admission. Students will retain the same USN allotted at the time of their initial admission. The maximum permissible duration for completing the programme will be calculated from the year of first admission, based on the original USN.

5. Eligibility Criteria for III Semester: A student who fails to obtain eligibility for the III semester even after three academic years from the date of initial admission to the I semester must either discontinue the programme or seek fresh admission to the I semester of the first year B.E. with a new USN, while retaining the original year of admission.
6. Credit Requirements on Readmission or Transfer: Students who have temporarily discontinued the programme, Changed from one scheme to another, or Transferred from an autonomous institution (under the same or another university) to a non-autonomous affiliated institution, shall be eligible for the award of the degree only if the total credits earned are equal to or greater than those prescribed in KSIT academic regulation under clause 6 and satisfy all other conditions of this Regulations.
7. Credit Deficiency: At the end of the programme, if the total credits earned are projected to be less than the required credits as per the prevailing scheme then the student must register for and complete additional courses not previously studied, to make up the credit shortfall and meet or exceed the prescribed credit requirements mentioned under clause 17(6).

18. WITHDRAWAL FROM THE PROGRAMME

18.1 Temporary Withdrawal

A student enrolled in a degree programme at the institution may be permitted to temporarily withdraw from the programme for a period equivalent to one or more complete semesters, under exceptional circumstances such as prolonged illness, significant personal hardship, or a serious family emergency, subject to the following conditions:

- I. The student must submit a formal application to the college within six weeks from the commencement of the semester or from the last date of attendance, whichever is later. The application must clearly state the reason for the withdrawal and be supported by relevant documentation and the endorsement of a parent or guardian.
- II. The college must be satisfied that, including the period of proposed withdrawal, the student will still be able to complete the degree requirements within the maximum duration permitted by the University.

- III. The student must have cleared all dues or obligations to the Department, College, Hostel, Library, or any other institutional unit.
- IV. Tuition fee and other applicable fees for subsequent semesters may be required to be paid in advance, prior to approval of the withdrawal request. These payments are non-refundable, and the student's name will remain on the roll until such time.
- V. Students availing scholarships or financial aid must adhere to the respective guidelines governing such awards during the period of withdrawal.

Normally, a student would be permitted to avail the temporary withdrawal facility as a special case only once during his/her tenure as a student and this withdrawal period shall also be counted for computing the duration of study as specified by the University.

In cases where the student has withdrawn due to employment, a formal letter of approval from the employer is required at the time of re-joining, allowing the student to resume academic activities.

18.2 Permanent Withdrawal

- i. Any student who withdraws admission before the closing date of admission for the academic session is eligible for the refund of the deposits only, if any. Fees once paid will not be refunded.
- ii. For students seeking withdrawal after the closure of admissions for the academic year, the following conditions will apply:
 - A student intending to permanently discontinue studies and exit the College will be permitted to do so as per the VTU regulations CB 8.20(a)
 - Students who have availed of any scholarship, stipend, or financial assistance through the College are required to repay the full amount received before the withdrawal is processed.

19. AWARD OF GRADES

- 1. The KSIT follows an **absolute grading system**, wherein marks obtained by a student are **converted into grades**. Upon the successful completion of all courses in a semester, the result is declared in terms of the **Semester Grade Point Average (SGPA)**.
- 2. The **total marks** secured by the student in both **Continuous Internal Evaluation (CIE)** and **Semester End Examination (SEE)** for each course are **expressed as a percentage**. This

percentage is then used to compute the **grade points**, and a corresponding **letter grade** is awarded as per the grading scale shown in the table below:

Table 19.2.1 Grading system for UG Program

Letter Grade and corresponding Grade Points on a typical 10 - Point scale								
Letter Grade	O	A+	A	B+	B	C	P	F
	Outstanding	Excellent	Very Good	Good	Above Average	Average	Pass	Fail
Grade Point	10	9	8	7	6	5	4	0
% of Marks Secured	90-100	80-89	70-79	60-69	55-59	50-54	40-49	0-39

3. If there is no SEE for a course, then the CIE marks alone will be the basis for the determination of letter grade.

19.1 Letter Grade

19.1.1 'F' Grade:

- I. A student shall be awarded an 'F' grade in a course in any of the following cases:
 - Student fails to secure minimum passing marks in CIE.
 - Student fails to secure minimum passing marks in SEE.
 - Student fails to secure minimum passing marks for earning the credits and award of grade.
 - Student is absent for the SEE.
 - Student fails to meet the minimum attendance requirement.
- II. A student who obtains "F" grade in a core course shall re-register for the same course when offered next.
- III. A student who obtains "F" grade in an elective course shall have an option of repeating the same elective course when offered next or register for any other elective course.

19.1.2 Grades in Mandatory Non-Credit Courses

- I. For **Mandatory Non-Credit Courses**, students shall be awarded only a '**Pass**' or '**Fail**' grade, with no letter grades or grade points assigned.

II. A **'PP' (Pass in Mandatory Non-Credit Course)** grade is awarded to students who **meet the required criteria** for both **attendance** and **sessional marks** under the Continuous Internal Evaluation (CIE).

III. A **'NP' (Not Pass in Mandatory Non-Credit Course)** grade is awarded to students who **fail to meet** the prescribed **attendance** and/or **sessional mark requirements** under CIE. Students receiving an 'NP' grade must **re-register** for the course when it is offered again by the department and **successfully complete** it in order to become **eligible for the award of the degree**.

19.2 Transitional Grades: 'I', 'W' and 'X' grades are transitional grades and will be replaced by an appropriate letter grade once the student completes the course requirements.

1) 'I' Grade:

A. 'I' Grade is temporarily awarded to a student having attendance $\geq 85\%$ and meeting the minimum requirements in CIE in a Course, but remained absent from SEE for valid and convincing reasons acceptable to the College, like:

I. Accident or severe illness leading to hospitalization.

II. A calamity in the family at the time of SEE, which requires the student to be away from the College.

III. In the event of (a) or (b) of above clause, it is the responsibility of the student/ parent/ guardian to inform the Office of COE immediately through mentor and HOD and apply for the award of 'I' Grade.

B. Applications requesting for the award of 'I' Grade received after the conduction of examination shall not be considered.

C. The candidate needs to submit all the relevant evidence (hospital reports, police reports, certificates from competent authorities, etc.) in support of his claim.

D. A committee (Principal as chairman, COE and Deans as member) will decide about awarding 'I' Grade taking into consideration all the documentary evidence produced by the candidate.

E. If permission for 'I' Grade is not accorded by the committee then 'F' Grade is awarded for the course and the student has to re-register for the course in its entirety when it is offered.

F. The student who is awarded 'I' Grade in a course is permitted to attend the make-up

examinations in that academic year. After completion of the make-up examinations, 'I' Grade shall be converted to one of the other letter grades (S to F) based on the performance.

- G. If the student does not appear for the make-up examinations, the 'I' Grade shall be converted to an 'F' Grade.
- H. 'I' Grade is not awarded in Make-up examinations or summer examination.

2) 'X' Grade:

- I. 'X' Grade is temporarily awarded to a student having attendance $\geq 85\%$ and CIE rating ($\geq 90\%$) in a course but has obtained less than 40% marks in SEE of main semester (odd/even).
- II. The student who is awarded 'X' Grade in a course is permitted to attend the make-up examinations in that academic year. After completion of the make-up examinations, 'X' Grade shall be converted to one of the other letter grades (O to F) based on the performance.
- III. If the student does not appear for the make-up examinations, the 'X' Grade shall be converted to an 'F' Grade.
- IV. 'X' Grade is not awarded in Make-up examinations or summer SEE.

3) 'W' Grade:

- I. 'W' Grade is temporarily awarded to a student who has withdrawn from a course.
- II. 'W' Grade for credit courses shall be recorded in the grade card.
- III. A student may withdraw from an audit course in which case there shall be no mention of the course in the grade card.
- IV. A student with "W" grade must re-register for the course during the summer semester of that academic year and the "W" grade shall be converted to one of the other letter grades (O to F) after the completion of SEE of summer semester.
- V. If the student does not register or appear for the SEE of summer semester, the "W" grade shall be converted to an "F" grade.
- VI. "W" grade is not awarded in summer semester.

19.3 Grade Points

Students earn **grade points** corresponding to the **letter grades** awarded in each course. KSIT adheres to a **10-point grading scale**, as detailed in **Tables 19.2.1** where each letter grade is associated with a specific numeric grade point.

19.4 Earning of Credits

A student shall be considered to have completed a course successfully and earned credits if he/she secures an acceptable letter grade in the range O to P. Letter grade F in any Course implies failure of the student in that Course and no credit shall be earned.

19.5 Academic Performance Evaluation

The overall academic performance of a student is evaluated using two metrics:

A. Semester Grade Point Average (SGPA)

- I. SGPA is an indication of the student performance in the current semester. The SGPA is the weighted average of the grade points obtained in all the courses registered by the student during a particular semester. The SGPA shall be calculated as

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

- II. Considering all courses registered by the student in that semester, including courses with 'F' Grade but excluding transitional grades.
- III. The SGPA is calculated to the second decimal position.
- IV. Credits for subjects with transitional grades will be taken into calculation of SGPA on their conversion to one of the letter grades (O to F).
- V. The Non-Credit Mandatory Course (NCMC) will not be accounted for the computation of SGPA.

B. Cumulative Grade Point Average (CGPA)

- I. CGPA is an indication of the cumulative performance of the student from the first semester up to the current semester. The CGPA is the weighted average of the grade points obtained in all the courses registered by the student from the 1st semester up to the current semester. The CGPA shall be calculated as

$$CGPA = \frac{\sum (\text{Course Credit} \times \text{Grade points of the letter grades of passed courses till the current semester})}{\sum (\text{Course Credit}) \text{ passed courses till the current semester}}$$

Considering all the courses registered by the student until that semester excluding those with 'F' Grade and transitional grades until that semester.

- II. The CGPA is calculated to the second decimal position.
- III. Credits for subjects with transitional grades will be taken into calculation of CGPA on their conversion to one of the letter grades (0 to F).
- IV. The Non-Credit Mandatory Course (NCMC) will not be accounted for the computation of CGPA.
- V. CGPA is computed by considering the latest grade obtained by the student in the courses repeated.

Table 19.5: SGPA & CGPA calculations- Illustrative example for one Academic year

Semester	Course Code	Credits	Grade	Grade Points	Credit Points	SGPA / CGPA
I	20MAT11	4	B	8	32	SGPA = 92/16 SGPA = 5.75 (Excluding 4 credit course for which 'W' Grade is awarded)
	20PHY12	4*	W	-	-	
	20ELE13	3	A	9	27	
	20CIV14	3*	F	0	00	
	20EME15	3	D	6	18	
	20EEL16	2	E	4	08	
	20ENG17	1	C	7	07	
TOTAL		20 (13*)			92	
CGPA at the end of I Semester (Considering Grades E and above and excluding F & W Grades)						CGPA = 92/13* CGPA = 7.07
II	20MAT21	4	C	7	28	SGPA = 125/20 SGPA = 6.25
	20CHE22	4	B	8	32	
	20ELN23	3	D	6	18	
	20CPP24	3	E	4	12	
	20CAD25	3	A	9	27	
	20SIL26	2*	F	0	00	
	20KAN27	1	B	8	08	
TOTAL		20 (18*)			125	
CGPA at the end of II Semester (Considering Grades E and above and excluding F & W Grades from first to current semester)						CGPA = (92+125)/(13*+18*) CGPA = 217/31 CGPA = 7.00
Summer Semester	20PHY12	4	E	4	16	SGPA = 36/9 SGPA = 4.00
	20CIV14	3	E	4	12	
	20SIL26	2	E	4	08	
TOTAL		9			36	
CGPA at the end of I Year (Considering Grades of first & second semester) Note:* is credit scored by the student.						CGPA = (92+16+12) + (125+8)/40 CGPA = 6.32

19.6 Award of Grade Cards, Certificates and Transcripts:

- A. 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
- B. 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.
- C. 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.
- D. 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.
- E. 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.

19.7 Mandatory Earning of AICTE Activity points:

Sl. No.	Student Category	Activity Points prescribed
1	Regular Students admitted to the 4-year Degree Programme	100
2	Students entering 4-year Degree Programme through lateral entry	75
3	Students transferred from other Universities to the 5 th Semester	50

The Activity Points earned shall be reflected on the student's eighth semester Grade Card. Activity Points (non-credit) have no effect on SGPA/CGPA. In case a student fails to earn the prescribed activity Points before the commencement of 8th semester examinations, the Eighth Semester Grade Card shall be issued only after earning the required activity Points. Students shall be admitted for the award of the degree only after the release of the Eighth Semester Grade Card.

19.8 Passing Standards:**1. Continuous Internal Evaluation (CIE) – Maximum and Minimum Marks:**

- The maximum marks allotted for CIE shall be **50**.
- To be eligible to appear for the Semester End Examination (SEE), a student must secure a **minimum of 40% of the CIE marks, i.e., 20 out of 50** in each course.

2. Semester End Examination (SEE) – Maximum and Minimum Marks:

- The maximum marks for SEE shall be **50**.
- To pass the SEE, a student must obtain a **minimum of 35%, i.e., 18 out of 50** in each course.

3. Overall Course Passing Criteria:

- A student shall be considered to have passed a course if the total marks obtained in **CIE + SEE is at least 40%** of the total maximum marks of the course.
- The minimum passing **letter grade** for a course shall be **“P”**.

4. Semester-Wise Passing Requirements:

- a) A student shall be declared '**Passed**' in the entire undergraduate programme only upon securing a **Grade Point of 4 (P Grade) or above** in **every registered course** across all semesters.
 - b) For **Non-Credit Mandatory Courses**, a student must obtain a '**Satisfactory (PP) Grade** to be considered passed.
5. A student fulfilling the above criteria in points (1), (2), and (3), and securing a grade from '**O**' to '**P**', shall be considered to have passed the respective course.
6. **Letter Grade Allotment for Non-Completion or Failure:** A student shall be awarded the following grades in specific situations:
- '**F**' Grade – Failure to meet the minimum requirements.
 - '**AB**' Grade – Absence from SEE.
 - '**DX**' Grade – Shortage of CIE marks in a course.
 - '**T**' Grade – Course Incomplete due to valid reasons.
 - '**X**' Grade- Failed in SEE with 85% attendance in the course with secured 90% of the marks in CIE
 - **NP Grade** – Not passing in mandatory Non-credit courses.
7. Students who meet the attendance requirement but **fail to secure minimum CIE marks** shall be **ineligible to appear for SEE** in that course. They will be considered as having failed in that course and awarded a '**DX**' Grade in the grade card. However, they are permitted to appear for SEE in other eligible courses (current and backlog).
8. Such students (as in point 7) can **re-register** for the same course(s) during the **next available semester(s)**, fulfill the CIE requirements, and subsequently appear for the SEE.
9. **Each attempt of SEE**, including absence after satisfying both CIE and attendance requirements, will be considered as **one attempt** toward completing the course.

20. VERTICAL PROGRESSION

20.1 Vertical Progression in case of Students Admitted to First Year

There shall be no restriction for vertical movement from odd semester to even semester. The vertical movement of students from a year of study (even semester) to the next year of study (odd semester) is as per the below mentioned criteria. A student progresses through the programme based on academic performance and shall be eligible to register for higher semesters subject to the conditions specified under Clause 16.

- 1) Progression from First Year (1st and 2nd Semesters) to second year will not be permitted if
 - a) Student has earned 'F' grades in courses totalling more than 16 credits during the 1st and 2nd semesters. This includes courses marked as DX. (DX: Course with minimum CIE marks).
 - b) Students who fail to meet the required CIE marks or attendance in any course must repeat those courses when they are next offered.
- 2) CIE Requirements from the 3rd Semester Onwards: From the 3rd semester onwards, a student who satisfies the attendance requirement for a course but fails to obtain the minimum CIE marks will be permitted to register for the next semester. However, such a student must mandatorily secure the required CIE marks in that course during the subsequent semester to become eligible to appear for the SEE. It is important to note that appearing for SEE is not permitted in any course until the minimum CIE marks are obtained.
- 3) Completion of backlog courses: From 3rd semester (II year) onwards,
 - a) A student who has met the attendance and CIE requirements for a course but has earned an 'F' grade in the SEE may continue to the next semester (odd or even), regardless of the number of 'F' grades, subject to compliance with Clauses 6 and 16.
 - b) A student may progress from an even to the next odd semester or odd to the next even semester even if he/she has not satisfied the attendance requirement in one or more courses (including bridge courses for lateral entry students). However, the student shall not be permitted to appear for SEE in those courses and must repeat them when they are next offered.

- 4) Eligibility for Admission to the 7th Semester (Final Year): Student will be eligible for admission to the 7th semester (4th year) only upon successful completion (i.e., passing) of all courses in the **1st and 2nd** semesters.
- 5) Permitted Maximum Credits for Registration: Students are allowed to register for courses in a semester up to the **maximum credit limit**, as prescribed under Clause 10.6. The registration must comply with the academic regulations and credit cap defined in KSIT regulations.
- 6) For the award of degree, a CGPA \geq 5.00 at the end of the program shall be mandatory.

20.2 Vertical Progression in case of B.E. Students Admitted to Second Year (Lateral Entry)

- i. There shall be no restriction for vertical movement from odd semester to even semester
- ii. The vertical movement of students from a year of study (even semester) to the next year of study (odd semester) is as per the below mentioned criteria.
- iii. For the award of degree, a CGPA \geq 5.00 at the end of the program shall be mandatory.

Table 20.1: Vertical Progression Criteria for B.E. Students admitted to II Year

Year of Study	Eligibility Criteria
II Year	-
III Year	Students having not more than four 'F' Grade (Mandatory Non-credit courses) in the two semesters of II year of the program
IV Year	Students having not more than four 'F' Grades (Mandatory Non-credit courses) in the four semesters of II and III year of the program

20.3 Conditions for Course Re-Registration:

1. Students who receive an "F" grade in a course, in accordance with clause 19.8, are eligible to re-register for the course in order to improve their performance.
2. Upon successfully passing the re-registered course in subsequent examination(s), the student will be awarded a letter grade based solely on the marks obtained during those examination(s).

21. AWARD OF CLASS AND AWARD OF DEGREE

21.1 Award of Class: Equivalence of CGPA with the percentages and/or class awarded will be provided at the time of Award of Degree.

- i. CGPA Equivalence with Percentage of Marks: CGPA is converted to percentage of marks after the student has successfully completed the program as per the formula

$$\text{Percentage of Marks} = (\text{CGPA}) \times 10$$

ii. Classes Awarded:

- First Class with Distinction: A student completing a Program of study by securing a CGPA ≥ 7 ($\geq 70\%$ of marks) shall be declared to have passed in First Class with Distinction.
- First Class: A student completing a Programme of study by securing a CGPA ≥ 6 and < 7 ($\geq 60\%$ and $< 70\%$ of marks) shall be declared to have passed in First Class.
- Second Class: A student completing a Program of study by securing a CGPA ≥ 5 and < 6 ($< 60\%$ of marks) shall be declared to have passed in Second Class.
- Pass Class(P): A student completing a Program of study by securing a CGPA ≥ 4 ($\geq 40\%$) and < 5 ($< 50\%$ of marks) shall be declared to have passed in Second Class.

21.2 Award of Degree

A. Eligibility for the Award of Degree: Degree is awarded to the students satisfying the following conditions:

1. Securing the required credits as indicated in Table 6.1.
2. Secured CGPA ≥ 5.00 (To be read with Section 21.2 C).
3. Should not have any Transitional grades (I, X, W) in any courses.
4. Should have passed in all mandatory non-credit courses.
5. Should not have any dues to the institute.
6. Should not have any pending disciplinary proceedings.
7. Should have acquired the prescribed AICTE Activity Points.

B. Recommendations for the Award of Degree

- i. KSIT shall forward its recommendations to the University in respect of students qualifying for UG/PG after receiving approval from the Academic Council.
- ii. Only those students recommended for the Award of Degree shall be entitled to receive the relevant Provisional Certificates / Transcripts from the College.

C. Noncompliance of CGPA \geq 5.00 at the end of the Program

1. Students who have completed all the courses of the program but not having a CGPA \geq 5.00 at the end of the program shall not be eligible for the award of the degree.
2. In cases of students not eligible for the award of degree as per Section 21.2C 1 students are permitted to appear again for SEE in course/s of any semester/s by rejecting the performance of the course/s [other than Internship, Project (Mini and Main), and Laboratory Courses] for any number of times, subject to the provision of maximum duration of the program, to make up the CGPA \geq 5.00 for the award of the Degree.
3. Students shall obtain written permission from the Controller of Examinations to reappear for SEE to make up the CGPA \geq 5.00.

D. Consideration of Grades from Reappeared Courses: Treatment of Grades Obtained Upon Reappearing:

1. **All Grades Improved:** If a student secures improved grades in all reappeared courses, the CGPA will be recalculated using the new (improved) grades.
 - If the revised CGPA is \geq 5.00, the student becomes eligible for the award of the degree.
 - If the revised CGPA is $<$ 5.00, the student must follow the process specified in Section 21.2 C2.
2. **Mixed Outcome – Some Improved, Some Same or Lower:** If a student secures improved grades in some courses and same or lower (but passing) grades in others, the CGPA will be recalculated using:
 - The improved grades, and
 - The previously earned pass grades (where the student did not improve).
 - If the recalculated CGPA is \geq 5.00, the student qualifies for the award of the degree.
 - If $<$ 5.00, Section 21.2 C2 shall apply.
3. **Partial Improvement with Failures:** If a student secures improved grades in some courses but fails (i.e., earns 'F') in others, the CGPA will be computed using:
 - The improved grades, and
 - The previously earned pass grades in the courses where the student failed again.
 - If the resulting CGPA is \geq 5.00, the degree shall be awarded.

- Otherwise, follow the procedure outlined in Section 21.2 C2.

4. **No Improvement** – All Failed: In case, the students fail (i.e., earn 'F' Grade) in all the reappeared course/s, pass grade/s of the course/s earned by the students before the reappearance shall be retained. In such cases, the students shall follow the procedure laid in Section 21.2 C2.

22. AWARD OF 'HONOURS' IN THE B.E. DEGREE PROGRAMME

22.1 Overview

1. The 'Honours' qualification is designed to recognize academically outstanding undergraduate students by allowing them to earn additional credits within the regular duration of their B.E. program.
2. These regulations are applicable to all Bachelor of Engineering (B.E.) programs offered by the institution.

22.2 Eligibility Criteria for Registration: To be eligible to register for the 'Honours' qualification, a student must meet the following academic criteria:

1. Must be enrolled in the V Semester of the B.E. program.
2. Must have secured a minimum grade of 'D' or above in all courses from Semester I to IV, in the first attempt only.
3. Must have a Cumulative Grade Point Average (CGPA) > 8.50 at the end of the IV Semester.

22.3 Registration Process

1. Students who meet the eligibility criteria as per Section 18.2 must apply for the 'Honours' programme through their **faculty advisor (mentor)**, using the prescribed application form and by paying the **notified application fee**. Applications submitted after the deadline will not be accepted.
2. Faculty **advisor (mentor)** shall **verify eligibility** and submit the list of eligible applicants to the **respective Heads of Departments (HODs)**. The HODs will forward the verified list to the **Office of the COE**, duly endorsed by the **Dean (Academic)**, before the specified deadline.
3. There is **no cap** on the number of students who can register for the Honours programme, provided they meet the eligibility requirements.

4. Upon successful registration, students must pay a **one-time, non-refundable registration fee**, as prescribed by the college, to confirm their enrollment in the Honours track.

22.4 Requirements for the 'Honours' Qualification

A. Selection of Additional Course work

1. In addition to the regular curriculum prescribed for **Semesters V to VIII**, students registered for the 'Honours' qualification must complete a minimum of **18 additional credits** through BOS suggested **online courses** before the end of the **VIII Semester**.
2. The selection of online courses must be made from the **pre-approved list of MOOCs** (Massive Open Online Courses), specifically curated and approved by the **Board of Studies (BOS)** for each engineering program. These courses will be offered through recognized platforms such as **NPTEL, SWAYAM**, or other equivalent providers and will be officially announced by the **Dean (Academic)**.
3. The **credit equivalence** for NPTEL online courses will be based on a predefined conversion table, as specified by the institution.

Table 22.4: Assigned Credits

Online Course Duration	Assigned Credits
04 weeks	01
08 weeks	02
12 weeks	03

4. Students must choose their MOOCs in consultation with the **Faculty Advisor (Mentor)**, ensuring that the **course content does not overlap** with any of the core courses, professional electives, or open electives offered from the **1st to 8th semesters** of their program.
5. If a student selects a MOOC that violates clause (iv), the **credits earned from such course(s) will be disqualified and not counted** toward the required **18 credits** for the award of the 'Honours' qualification.
6. The College reserves the right to **periodically review and approve** additional MOOCs and platforms for inclusion in the approved list.

B. Completion of Additional Course work and Credit Earning:

1. Students must **personally appear** for the **proctored examination** conducted by NPTEL/SWAYAM/other approved platforms in order to earn credits. The College **shall not conduct substitute examinations** or award credits independently for these MOOCs toward the 18-credit requirement.
2. The **evaluation and assessment methods** will strictly follow the guidelines and procedures of the respective online platforms (e.g., NPTEL).
3. To successfully complete each course, students must obtain a final score calculated as:
Final Score = 25% (Online Assignments) + 75% (Proctored Exam).

Based on this score, certification will be awarded as:

NPTEL Elite: 60% to 75%

Elite - Silver: 76% to 89%

Elite - Gold: 90% and above

4. Students must earn such certifications within the stipulated program duration to be eligible for the 'Honours' recognition.
5. If a student is **unable to appear for or complete** the proctored examination, they may **withdraw** from the course and register for an **alternative MOOC**, subject to the credit and syllabus constraints outlined above.

C. Post-completion of Additional Coursework

1. Students who have successfully met the requirements outlined in Section 22.4 (A) and (B) must submit the earned certificates to their respective Faculty Advisors (mentor) following the notification issued by the Office of the Controller of Examinations (COE). Faculty Advisors (mentor) shall compile the list of eligible students, including total credits earned and corresponding MOOC certificates, and forward it to the Head of the Department (HOD) within the deadline as per the academic calendar.
2. The HOD shall form a department-level Scrutiny Committee, comprising senior faculty members, with the HOD serving as the Chairperson, to verify and validate the eligibility of the students for the award of the 'Honours' Qualification.
3. The HOD will then forward the final list of eligible students along with the required documentation (total credits and MOOC certificates) to the Office of COE before the

stipulated deadline. This submission must be verified by the Faculty Advisor (mentor), validated by the Scrutiny Committee, and endorsed by the HOD and Dean (Academic).

4. Students who fail to submit the necessary certificates and documentation within the timeline prescribed by the College will not be considered for the award of the 'Honours' qualification, regardless of the number of credits earned. Such students will receive the regular B.E. Degree only.

22.5 Award of 'Honours' Qualification

(A) Eligibility Criteria

1. The student must have successfully completed online courses totalling 18 or more credits and obtained a final score qualifying for:

- **NPTEL Elite Certificate** (60–75%), or
- **Elite – Silver Certificate** (76–89%), or
- **Elite – Gold Certificate** (>90%)

All within the stipulated time, i.e., by the end of the VIII Semester, in line with compliance to Sections 22.4 (A), (B), and (C).

2. The student must maintain a minimum grade higher than 'D' in all courses from V to VIII Semesters in their first attempt only. If the student fails to meet this condition, they shall cease to be eligible for pursuing or continuing the attempt to earn additional credits for the 'Honours' qualification.
3. Students must have a CGPA greater than 8.5 at the end of the program to be eligible for the 'Honours' qualification, even if they have completed the additional credit requirements prescribed for the Honours designation.

(B). 'Honours' Qualification

1. The 'Honours' qualification shall be suffixed to the respective degree and shown in the Degree certificates as a recognition of higher achievement by the student concerned.
2. The CGPA earned by the students shall be only based on student performance in the various semester level examinations conducted by the College.
3. Additional credits earned through NPTEL shall not be considered for CGPA of B.E Program as well as rank declaration.

4. KSIT shall forward its recommendations to the University in respect of students qualifying for 'Honours' after receiving approval from the Academic Council.
5. Only those students recommended for the 'Honours' Qualification shall be entitled to receive their Transcripts indicating the achievements.

23. 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.

24. RANKS AND MEDALS

24.1 Ranks

(A) Number of Ranks to B.E. Awarded:

1. The total number of ranks awarded in each branch of B.E. program, will be 10 or 10% of total number of candidates appeared in final semester in that branch/specialization, whichever is less.
2. If the number of candidates who appeared for the final semester in a particular B.E. branch is less than 10, no ranks shall be awarded in that category.

(B) Criteria for Award of Rank:

Ranks will be awarded purely based on academic merit, as determined by the Cumulative Grade Point Average (CGPA) for B.E. students by considering from III to VIII semesters.

(C) Tie-Breaking Criteria:

If two or more students have the same CGPA, the following steps shall be taken to break the tie:

1. Actual marks obtained across relevant semesters will be considered.
2. If still tied, the frequency of higher SGPA scores will be examined.
3. If the tie persists, the number of higher-grade achievements (e.g., S, A, B grades) will determine the order of ranking.

(D) Eligibility Criteria for Ranks:

To be considered for a rank, a student must:

1. Be eligible for the award of the degree under Section 21.2A and be recommended by the COE.
2. Have passed all courses in the first attempt—i.e., should not have received an 'F' grade in any subject.
3. Not be a repeater due to semester rejection or attendance shortage.
4. Completed all semesters without break or discontinuity.
5. Not have dropped any course in any semester.
6. Not have taken any Make-up or summer examinations.
7. Not have been awarded grades I (Incomplete), W (Withdrawn), X, or F in any course during the program.

24.2 Medals

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.

25 . MALPRACTICE

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

26. CONFLICT OF INTEREST GUIDELINES FOR STAFF

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 Case Enquiry Committee (MEC)
 - Academic Grievance Cell (AGC)
 - Disciplinary Committee (DC)
 - Student Counselling Cell (SCC)
 - Departmental Academic Affairs Committee (DAAC)
 - Controller of Examinations (COE)
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

27. 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.**
- **All academic regulations are in line with VTU regulations and are subject to change in accordance with any future modifications to VTU regulations.**

Annexure I: Summer semester

- The students who have satisfied CIE and Attendance requirements for the course/ s and obtained an 'F' grade in SEE are permitted to appear directly in ensuring assessment/examination/s as backlog paper/s. The students need not re-register for such course/courses in the summer/fast track semester. In case the student wishes to improve CIE he/she has to re-register for summer/fast track semester as and when offered next.
- The student who obtains required attendance and CIE in the summer semester, but obtains an 'F' grade in SEE, is permitted to appear for SEE subsequently as backlog course/s. The student need not repeat course for Attendance and CIE.
- The course/s for which the student does not possess satisfactory attendance and CIE score, shall be marked as NE in the Grade sheet. Such students are not permitted for SEE for the Courses marked as NE in Grade sheet. The students have to re-register only for course/s marked as NE in summer /subsequent semester whenever that course is offered and obtain the required CIE and attendance. Subsequently, they are eligible to appear for SEE in such course/s.
- Courses with Transitional Grade Viz "W", "I", and "X" are also eligible to register in the summer semester (refer 17.2.4 for the definition of these grades) in case if they wish to improve the score in CIE.
- All courses may not be offered in the summer semester. It is the discretion of the College to offer the courses based on the availability of resources. The Institute shall notify time table for the summer semester well in advance.
- Summer y Semester is optional; it is for the student to make best use of the opportunity. The summer semester is a special semester and the student cannot demand it as a matter of right.
- A student is permitted to register for a maximum of 16 credits in the Summer /fast track semester.
- A student has to choose those courses which are offered by the

Institution in a given Summer Semester.

- In the summer semester, each course needs to be offered for the required number of lectures/tutorial/laboratory hours as prescribed in the syllabus.
- Registering to backlog subjects (not having minimum prescribed CIE/shortage of attendance /withdrawn case (Grade W): The student is permitted to register for backlog course/courses of the previous semester's, during current semester (odd/even).

However, the same is subject to the following conditions:

- a) The course/s is being offered in the regular semester (odd/even)
- b) Attending the same will not affect his/her current semester time table and
- c) It should be within the permitted maximum credit limit.

When to offer summer semester:

A student of UG programme will have the opportunity to register for the summer semester which is offered after 4th semester for courses from 1st to 4th semester and after 8th semester for courses from 5th to 8th semester. For registering to the summer semester, the student should complete the Internship/s as notified in the Institute/University Regulations/ directions. The students opting for a summer semester between 4th and 5th semester must comply with the missed internship in the subsequent semester in the gap between 5th and 6th semester.

Annexure II:

The Regulations Governing the Change of Branch:

<https://vtu.ac.in/wp-content/uploads/2021/01/Notified-COB-Regulations.pdf>

