



ST JOSEPH ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION

Vamanjoor, Mangaluru - 575028



ACADEMIC RULES AND REGULATIONS

Governing the Degree in
Master of Business Administration and
Master of Computer Applications
Programs

(With effect from Academic Year 2021-22)

MOTTO

Service & Excellence

VISION

To be a global premier Institution of professional education and research.

MISSION

- Provide opportunities to deserving students of all communities, the Christian students in particular for quality professional education.
- Design and deliver curricula to meet the national and global changing needs through student-centric learning methodologies.
- Attract, nurture and retain the best faculty and technical manpower.
- Consolidate the state-of-art infrastructure and equipment for teaching and research activities.
- Promote all round personality development of the students through interaction with alumni, academia and industry.
- Strengthen the Educational Social Responsibilities (ESR) of the institution.

ST JOSEPH ENGINEERING COLLEGE

VAMANJOOR, MANGALURU

(An Autonomous Institution)

Affiliated to VTU, Belagavi, Approved by AICTE, New Delhi

Accredited by NBA (BE –CSE, ECE, EEE, ME, CV and MBA), NAAC with A⁺



ACADEMIC RULES AND REGULATIONS

GOVERNING THE DEGREE IN

MASTER OF BUSINESS ADMINISTRATION

and

MASTER OF COMPUTER APPLICATIONS PROGRAMS

(Registration, Attendance, Examinations, Evaluation and Award of Grades)

(With effect from Academic Year 2021-22)

CONTENTS

1	SHORT TITLE AND COMMENCEMENT.....	4
2	DEFINITIONS.....	4
3	PREAMBLE.....	5
4	NOMENCLATURE OF ACADEMIC PROGRAMS.....	6
	4.1 General.....	6
	4.2 Nomenclature.....	7
	4.3 Undergraduate Degree Programs offered by the College.....	7
	4.4 Postgraduate Degree Programs offered by the College.....	8
	4.5 Research Centres Recognized by the University.....	8
5	DURATION OF THE ACADEMIC PROGRAMS.....	8
	5.1 Duration of the Programs.....	8
	5.2 Maximum Duration.....	8
	5.3 Admission of Students.....	9
6	ADMISSION PROCESS.....	9
	6.1 Eligibility Criteria for M.B.A. Program.....	9
	6.1.1 For Admissions under Government Quota through PG CET.....	9
	6.1.2 For Admissions under Management Quota.....	9
	6.2 Eligibility Criteria for M.C.A. Program.....	9
	6.2.1 For Admissions under Government Quota through PG CET.....	10
	6.2.2 For Admissions under Management Quota.....	10
	6.3 Admission to Vacant Seats.....	10
	6.4 Eligibility Criteria for Ph.D. Program.....	10
	6.4.1 Eligibility for Ph.D. Program Faculty of Engineering.....	11
	6.4.2 Eligibility for Ph.D. Program Faculty of Science.....	11
	6.4.3 Eligibility for Ph.D. Program Faculty of Management Studies.....	11
7	GOVERNANCE.....	12
	7.1 Governing Body (GB).....	12
	7.2 Academic Council (AC).....	12
	7.3 Board of Studies (BoS).....	12
	7.4 Finance Committee (FC).....	12
	7.5 Internal Quality Assurance Cell (IQAC).....	13
	7.6 Joint Board of Studies (JBoS).....	13
	7.7 Institute Academic Affairs Committee (IAAC).....	13
	7.8 Departmental Academic Affairs Committee (DAAC).....	13
	7.9 Departmental Project Evaluation Committee (DPEC).....	14
	7.10 Interdisciplinary Project Evaluation Committee (IPEC).....	14
	7.11 Departmental Seminar Evaluation Committee (DSEC).....	15
	7.12 Board of Examiners (BOE).....	15
	7.13 Malpractice Enquiry Committee (MPEC).....	15
	7.14 Student Counselling Cell (SCC).....	16
	7.15 Grievance Redressal Cell (GRC).....	16
	7.16 Disciplinary Review Committee (DRC).....	16
8	ACADEMIC PLANNING.....	17
9	COURSE REGISTRATION.....	17
	9.1 Eligibility Requirements.....	18

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

9.2	Registration Procedure (Form-1).....	18
9.2.1	Registration for Odd Semester	18
9.2.2	Registration for Even Semester	18
9.3	Re-registration of Courses.....	19
9.4	Registration for Supplementary Semesters.....	19
9.5	Registration for Elective Courses.....	20
9.6	Dropping of Courses.....	20
9.7	Withdrawal from Courses.....	20
9.8	Audit Courses (Mandatory Non-credit Courses).....	21
10	SEMESTER SCHEME.....	21
10.1	College Timings.....	21
10.2	Academic Calendar.....	22
11	CREDIT SYSTEM.....	22
11.1	General.....	22
11.2	Major Benefits.....	22
11.3	Credit Definition.....	23
11.4	Credit Structure.....	23
11.5	Credits to be Earned for Award of Degree.....	24
11.6	Course Load in a Regular Semester.....	24
11.7	Course Load in a Supplementary Semester	25
12	MENTORING SYSTEM.....	25
13	CURRICULUM FRAMEWORK.....	27
13.1	General Issues.....	27
13.2	Curricular Components.....	28
13.2.1	Allocation of Credits for M.B.A. Degree Program.....	28
13.2.2	Allocation of Credits for M.C.A. Degree Program.....	28
14	ATTENDANCE REQUIREMENT.....	29
15	ASSESSMENT.....	30
15.1	Achievement Testing through CIE and SEE.....	30
15.2	Question Papers.....	31
15.3	Assessment Patterns for CIE.....	33
15.4	Passing Standards.....	33
15.5	Evaluation of Project Work.....	33
15.6	Evaluation of Seminars.....	34
15.7	Evaluation of Field Training/Industrial Internship.....	34
15.8	Re-examination.....	34
15.9	Plagiarism Index for Project Report/Thesis.....	35
15.10	Semester End Examination.....	35
16	GRADING.....	36
16.1	General.....	36
16.2	Grade Points.....	36
16.3	Grade Point Averages.....	38
16.4	Appeal for Review of Grades.....	40
16.5	Conversion of CGPA into Percentage (On 10 Point Scale).....	40
16.6	Rejection of Results.....	40
16.7	Gracing Policy.....	41

16.8 Issue of Marks Card.....	41
17 MALPRACTICE IN EXAMINATIONS.....	41
18 VERTICAL PROGRESSION.....	45
18.1 Vertical Progression for Regular Students.....	45
19 RECOMMENDATIONS FOR DEGREE AWARD.....	46
20 AWARD OF CLASS AT DEGREE LEVEL.....	46
21 GRADUATION CEREMONY.....	47
22 AWARD OF RANKS.....	47
23 WITHDRAWAL TERMINATION FROM THE PROGRAM.....	47
23.1 Temporary Withdrawal.....	47
23.2 Termination from the Program.....	48
24 PROFESSIONAL ETHICS.....	48
24.1 Academic Honesty and Integrity.....	48
24.2 Discipline and Conduct.....	49
25 QUALITY/STANDARD.....	51
26 STUDENT'S FEEDBACK.....	51
27 INTERPRETATION.....	51

1 SHORT TITLE AND COMMENCEMENT

- 1.1 The regulations listed under this head are governing Post Graduation level programs such as Master of Computer Applications/Master of Business Administrations offered by the college and are defined based on the Guidelines for Implementation of Academic Autonomy at Colleges (Amended-2018) by Visvesvaraya Technological University, Belagavi. These regulations shall be effective from academic year 2021-22.
- 1.2 The regulations are subject to amendments with the due approval by the Academic Council and the Governing Body of the college from time to time, on the recommendations of the Board of Studies (BoS).

2 DEFINITIONS

- 2.1 **University** means Visvesvaraya Technological University (VTU)
- 2.2 **College** means St Joseph Engineering College (SJEC)
- 2.3 **Commission** means University Grants Commission (UGC)
- 2.4 **Council** means All India Council for Technical Education (AICTE)
- 2.5 **Statute** means VTU Autonomous College Statute, 2018
- 2.6 **Academic Autonomy** means freedom granted by the affiliating University to the College in all aspects of conducting its academic programs for promoting academic excellence.
- 2.7 **Autonomous College** means a college notified as an autonomous college by the affiliating University as per its statutes i.e. VTU statutes on Autonomous Colleges (Amended) 2018 and further amended from time to time as per UGC regulations and guidelines.
- 2.8 **Program** is an educational program in a particular stream/ branch of Engineering/branch of specialization leading to award of the Degree.
- 2.9 **Branch** means Specialization or Discipline of PG Degree Program.
- 2.10 **Academic Year** refers to the sessions of two consecutive semesters (odd followed by an even) including periods of vacation.
- 2.11 **Semester** refers to one of the two regular sessions of an academic year, each session being of sixteen weeks duration (with working days greater than or equal to ninety days). Also, a supplementary semester of 8 weeks duration inclusive of examination after the even semester.
- 2.12 **Regular Entry** means students who are admitted to the 1st semester PG program.
- 2.13 **Course** refers to a 'paper' and is a component of a program.
- 2.14 **Credit** refers to a unit by which the Course work is measured.
- 2.15 **Audit Courses** means the Knowledge/ Skill Enhancing Courses without the benefit of a grade or credit for a Course.

- 2.16 **Choice Based Credit System (CBCS)** refers to customizing the Course Work, through Core, Elective, and Soft Skill Courses, to provide necessary support for the students to achieve their goals.
- 2.17 **Continuous Internal Evaluation (CIE)** refers to evaluation of a student's achievement in the learning process. CIE shall be conducted by the Course Instructor. CIE through tests called the 'Internal Assessment Tests'.
- 2.18 **Semester End Examinations (SEE)** refers to the examinations conducted by the College covering the entire Course Syllabus.
- 2.19 **Semester Grade Point Average (SGPA)** Refers to the measure of academic performance of students in a semester.
- 2.20 **Cumulative Grade Point Average (CGPA)** refers to the measure of overall cumulative performance of a student over all semesters.
- 2.21 **HARD CORE courses** include all compulsory courses whereas **SOFT CORE courses** cover a choice to be made from among the suggested compulsory courses.
- 2.22 **KRLMPCA** means Karnataka Religious and Linguistic Minority Professional College Association.
- 2.23 **PGCET** means Post Graduation Common Entrance Test
- 2.24 **KEA** means Karnataka Examinations Authority
- 2.25 **KMAT** means Karnataka Management Aptitude Test
- 2.26 **GATE** means Graduate Aptitude Test in Engineering
- 2.27 **CMAT** means Common Management Admission Test
- 2.28 **MAT** means Management Admission Test
- 2.29 **OBE** means Outcome Based Education
- 2.30 **CET** means Common Entrance Test

3 PREAMBLE

St Joseph Engineering College (SJEC) is one of the acclaimed premier engineering institutions of the state of Karnataka and is affiliated to Visvesvaraya Technological University (VTU), Belagavi. SJEC is recognized by the All India Council for Technical Education (AICTE), New Delhi. Accredited by NAAC with A⁺ grade and also, most of the programs are accredited by National Board of Accreditation (NBA). SJEC is registered under the trust "Diocese of Mangalore, Social Action Department".

SJEC was established in 2002. The College offers top class education in Engineering, Business Administration and Computer Applications at UG, PG and Research levels. It has

well qualified staff, state of the art laboratories, and all facilities. The college provides opportunity for a wide variety of co-curricular and extra-curricular activities, which gives a head-start to students, developing their personality and imparting skills of decision-making and leadership. The Training and Placement Department assists students to secure good employment.

Academic autonomy has provided a great opportunity for the Institute to formulate industry specific curriculum that meets both the local and global requirements, adopt innovative methods of teaching-learning with hands-on experience that makes the graduates creative and entrepreneurial. Academic autonomy facilitates change over from examination centric to learning centric and to make this a reality, it is essential that the faculty and the students work towards achieving this common goal, by understanding rules and regulations governing the academic programs.

The college exercises the academic freedom given to it by the University with responsibility and accountability and gains the confidence, gratitude and respect of all its stakeholders, especially students, alumni, parents and the society.

4. NOMENCLATURE OF ACADEMIC PROGRAMS

4.1 General

4.1.1 The Academic Autonomy is applicable for all programs offered by the college: B.E. Degree programs at Undergraduate (UG), MTech., M.B.A and M.C.A programs at Postgraduate (PG) levels. Also, the college offers M.Sc. (Engg.) by Research and Doctoral Programs leading to Ph.D. under affiliating scheme. The programs fulfil the minimum academic quality and standards for the award of Degrees prescribed by the University and the Council.

4.1.2 The Academic Autonomy provides an opportunity to the college to make schemes of instruction, syllabi, scheme of examinations and other aspects, with approval of its Academic Council and Governing Body of the college, while fulfilling the minimum academic standards of the University for the award of Degrees.

4.1.3 The College has the freedom to start PG Diploma (Post- Polytechnic Diploma, Post-UG and Post-PG levels) and/or Certificate Programs with the approval of its Academic Council and Governing Body of the college. The issuance of certificates/diploma on completion of such programs shall be made under the seal of the College only.

4.1.4 The College has the freedom to evolve methods for assessing the students' performance, notifying the results, issuing the grade cards/transcripts, migration, provisional degree certificates (PDC) and other certificates except the Degree Certificate.

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

4.1.5 In order to get the various benefits of academic autonomy, the College has to structure its various academic programs based on the Semester Scheme by introducing Credits for academic activities, bring in Examination Reforms for better achievement testing, award Letter Grades and Numerical Grade Points/ Averages for students' performance and set appropriate Passing Standards as covered later in these Regulations.

4.2 Nomenclature

The nomenclature and the corresponding abbreviations shown below shall continue to be used for the Degree Programs under the University, as required by the Commission and Council:

- i. **UG Level:**
 1. Bachelor of Engineering (B.E.)
 2. Bachelor of Engineering with Honours (B.E Honours)
 3. Bachelor of Engineering with Minor (B.E Minor)
 4. Bachelor of Science (B.Sc. Honours) under affiliating scheme
- ii. **PG Level:**
 1. Master of Business Administration (M.B.A.)
 2. Master of Computer Applications (M.C.A.)
 3. M.Sc. (Engg.) by Research under affiliating scheme
- iii. **Research Level:**
 1. Doctor of Philosophy (Ph.D.) (Programs under affiliating scheme)

4.3 Undergraduate Degree Programs Offered by the College

Sl. No.	Title of the UG Program	Abbreviation	Established
1	Computer Science and Engineering	CS	2002
2	Mechanical Engineering	ME	2002
3	Electrical and Electronics Engineering	EE	2002
4	Electronics and Communication Engineering	EC	2002
5	Civil Engineering	CV	2012
6	Artificial Intelligence and Machine Learning	AI	2020
7	Computer Science and Business Systems	CB	2021
8	B.Sc. Honours (Affiliated Scheme)	BS	2021

4.4 Postgraduate Degree Programs Offered by the College

Sl. No.	Title of the PG Program	Abbreviation	Established
1	Master of Business Administration	MBA	2007
2	Master of Computer Applications	MCA	2008

4.5 Research Centers Recognized by the University

Sl. No.	Research centers	Established
1	Physics	2008
2	Chemistry	2008
3	Mechanical Engineering	2008
4	Computer Science and Engineering	2011
5	Business Administration	2011
6	Mathematics	2014
7	Civil Engineering	2015
8	Electronics and Communication Engineering	2015

5. DURATION OF THE ACADEMIC PROGRAMS

5.1. Duration of the programs

5.1.1. The duration of an academic program shall be four years for B.E. programs.

5.1.2. The duration of an academic program shall be three years for B.E. lateral entry programs.

5.1.3. The duration of an academic program shall be two years for postgraduate programs.

5.2. Maximum Duration

5.2.1. The maximum period which a student can take to complete a full-time academic program shall be twice the normal duration of the program, i.e. four years each for students admitted to MBA and MCA.

5.2.2. The maximum period for a program shall also be dictated by the fact that a student has to demonstrate the prescribed minimum academic performance by registering for the prescribed minimum number of credits in every semester, for continuing with the program. This period can be equal to or lesser than the maximum period indicated as in 5.2.1.

5.3. Admission of Students

5.3.1. The admission of students to various UG, and PG degree programs listed under Sections 4.3, and 4.4 shall be made by following the State Government and University norms.

5.3.2. The eligibility criteria for admission of students to PG degree programs shall be the same as those prescribed by the Council and the University from time to time.

6. ADMISSION PROCESS

6.1 Eligibility Criteria for M.B.A. Program

Admission to MBA Program shall be open to the candidates who have passed recognized Bachelor's Degree of minimum of 3 years duration or equivalent examination and obtained an aggregate minimum of 50% marks taken together in all the subjects including languages in all the years of the Degree Examination and 45% of marks in case of SC, ST and OBC [Category-I] of Karnataka candidates. (Reservation is applicable only for Karnataka Candidates). Candidates must appear for PG CET/ KMAT/CMAT/MAT entrance and are shortlisted based on scores obtained.

6.1.1 For Admissions under Government Quota through PG CET

There shall be an entrance examination conducted by KEA (PG CET) for admission to the MBA program. A candidate seeking admission to MBA Program shall appear for this Entrance Examination. For admission under the Government quota, ranks obtained in PG CET shall be considered. 50% of the seats of total intake are filled through this quota.

6.1.2 For Admissions under Management Quota

The candidates should have appeared for the entrance examination conducted by KEA (PG CET)/ KMAT/CMAT/MAT or appeared and qualified under any approved entrance examination conducted by the authority recognized by the Government of Karnataka /VTU / any other University of Karnataka state. Further, there shall be an Admission Committee for the MBA Program consisting of the Principal of the College as the Chairman, Head of the concerned Department and one senior staff member of the concerned Department. The Admission Committee conducts the interview and selects the candidates satisfying the eligibility criteria as per clause 6.1 for admission.

6.2 Eligibility Criteria for M.C.A. Program

A candidate, who has passed BCA/ Bachelor Degree in Computer Science and Engineering or equivalent degree or passed BSc/BCom/BA with mathematics at 10+2 level or at graduation level (with additional bridge courses as per the norms of the concerned university) and obtained an aggregate minimum of 50% marks in all the subjects in all the years of the Degree Examination taken together is eligible for admission to M.C.A. course (45% of marks in qualifying examination (Q.E.) in case of SC, ST, and OBC [Category-I] of Karnataka candidates). A candidate who has studied and passed one of the subjects specified above in

the Pre-University Course with fifty percent of marks in that subject shall also be considered for admission. (45% of marks in case of SC, ST and Category-I of Karnataka candidates)

6.2.1 For Admissions under Government Quota through PG CET

There shall be an entrance examination conducted by KEA (PGCET) for admission to the M.C.A. program. A candidate seeking admission to the M.C.A. program shall appear for this examination. For admission under the Government quota, ranks obtained in the PGCET entrance examination shall be considered, and 50% of the seats of the total intake are filled through this quota.

6.2.2 For Admissions under Management Quota

The candidates should have appeared for the entrance examination conducted by KEA (PGCET) or appeared and qualified under any approved entrance examination conducted by the authority recognized by the Government of Karnataka/VTU /any other University of Karnataka state. Further, there shall be an Admissions Committee for the M.C.A. program consisting of the Principal of the College as the Chairman, Head of the concerned Department, and one senior staff member of the concerned Department. The Admissions Committee conducts the interview and selects the candidates for admission.

6.3 Admission to Vacant Seats

Seats remaining vacant (unfilled), after the completion of the PG admission process by Karnataka Examination Authority, shall be filled by the Institution by inviting applications through Press notification. The seats shall be filled by Candidates preferably who have valid GATE/ PG scores. In the absence of such Candidates, admission shall be based on merit in the entrance test conducted at the Institution level. An Admissions Committee, consisting of the Principal of the College, Head of the concerned Department and the subject experts, shall be in charge of admissions.

6.4 Eligibility Criteria for Ph.D. Program

Admission to Ph.D. is granted in accordance with the rules and regulations stipulated by VTU, Belagavi. Aspiring students who meet eligibility criteria as specified in regulations shall take up the VTU Entrance Test for Research (VTU-ETR) conducted by VTU. The successful candidates in VTU-ETR must appear Pre-Registration Interview which will be held in designated places. VTU will notify the list of selected candidates.

All eligible candidates satisfying the requirements shall submit their applications for VTU-ETR and Ph.D. admission to the University in the prescribed format along with necessary documents; viz., attested copies of degree certificate(s), marks cards of all the related

examinations, employer's certificate if employed, and such other documents as may be prescribed. Presently the application process is online and detailed procedure is specified by VTU Belagavi from time to time.

6.4.1 Eligibility for Ph.D. Program Faculty of Engineering

- i) The candidates shall possess a Master's Degree in Engineering/ Technology or equivalent or M.Sc. (Engg.) by Research degree from the University or any other University recognized by it, with a minimum CGPA of 6.75 out of 10 or 60% aggregate marks at either the Bachelor's or the Master's Degree.
- ii) The candidates possessing Bachelor's Degree in Engineering/ Technology or equivalent recognized by the University with outstanding merit, having either a minimum CGPA of 7.75 out of 10 or 70% aggregate marks and published research papers in refereed journals or filed/obtained patents shall also be eligible for admission, subject to approval by the Admissions Committee of VTU.
- iii) The candidates pursuing M.Sc. (Engg.) by Research Degree at the University who have successfully completed the prescribed coursework in the first two semesters of study with outstanding merit of either a minimum CGPA of 7.75 out of 10 or 70 % aggregate marks and published research papers in refereed journals or filed/obtained patents shall be eligible for up-gradation to the Ph.D. Integrated degree program, subject to approval by the Admissions Committee of VTU.
- iv) The candidates pursuing M. Tech. Degree at the University who have successfully completed the prescribed coursework in the first three semesters of study with an outstanding merit of either a minimum CGPA of 7.75 out of 10 or 70 % aggregate marks and published research papers in refereed journals or filed/obtained patents shall be eligible for upgradation to the Ph.D. Integrated Degree Program, subject to approval by the Admissions Committee, VTU.

6.4.2 Eligibility for Ph.D. Program Faculty of Science

The candidates shall possess M.Sc. / M.Phil. Degree in Physics/ Chemistry/ Mathematics/MCA, and such other allied disciplines, recognized by the University with a minimum CGPA of 6.75 out of 10 or 60 % aggregate marks at either the Bachelor's or the Master's Degree.

6.4.3 Eligibility for Ph.D. Program Faculty of Management Studies

The candidates shall possess M.B.A./equivalent Degree from a recognized University with a minimum CGPA of 6.75 out of 10 or 60 % aggregate marks at the Master's Degree.

7 GOVERNANCE

The administrative activities in an Autonomous College are governed and monitored by its statutory bodies like,

- I. Governing Body (GB)
- II. Academic Council (AC)
- III. Board of Studies (BoS) and
- IV. Finance Committee (FC)

The functions of these statutory bodies are supported by the following subcommittees,

- i. Internal Quality Assurance Cell (IQAC)
- ii. Joint Board of Studies (JBoS)
- iii. Institute Academic Affairs Committee (IAAC)
- iv. Departmental Academic Affairs Committee (DAAC)
- v. Departmental Project Evaluation Committee (DPEC)
- vi. Interdisciplinary Project Evaluation Committee (IPEC)
- vii. Departmental Seminar Evaluation Committee (DSEC)
- viii. Board of Examiners (BOE)
- ix. Malpractice Enquiry Committee (MPEC)
- x. Student Counselling Cell (SCC)
- xi. Grievance Redressal Cell (GRC)
- xii. Disciplinary Review Committee (DRC)

7.1 Governing Body (GB):

Responsible for overall general and academic administration of the Institute.

7.2 Academic Council (AC):

Responsible for framing of academic regulations, its amendments, scheme of syllabi, curricula, evaluation and approval of results.

7.3 Board of Studies (BoS):

Responsible for design of scheme and syllabus meeting the social and industrial standards.

7.4 Finance Committee (FC):

Responsible for overall financial management of the college and advise the Governing Body in all financial matters of the college.

7.5 Internal Quality Assurance Cell (IQAC)

The IQAC is constituted by the Governing Body to assure the quality of teaching-learning and institute activities as per the norms laid down by the regulatory bodies and accreditation committees.

7.6 Joint Board of Studies (JBoS)

The JBoS is responsible for review of all academic activities like formulation of schemes of teaching and examination and recommending academic issues for the approval of academic council.

7.7 Institute Academic Affairs Committee (IAAC)

The Institute Academic Affairs Committee shall have the following composition.

Structure:

Chairman	:	Principal of the College
Members	:	Chairmen of all Boards of Studies Controller of Examination Two senior faculty members nominated by Principal
Member Secretary	:	Dean Academic Affairs

Functions:

- a) Implementation of all academic decisions as per the advice of Academic Council.
- b) Monitoring the registration of students.
- c) Formulation of guidelines for the conduct of examination and evaluation and all the issues connected to the academic activity.
- d) Recommendation for award of 'I' Grade.
- e) Approving and recommending the course/s to be studied by students having a shortage of credits for the award of degree.

7.8 Departmental Academic Affairs Committee (DAAC)

The Departmental Academic Affairs Committee shall have the following composition.

Structure:

Chairman	:	Dean/Head of the Department
Members	:	Three senior faculty members nominated by the Head of the Department
Member Convener	:	Faculty member nominated by the Head of the Department

Functions:

- a) Helping the Heads of the Department and Dean Academic in the registration of all departmental courses and preparation of academic timetable.

- b) Constitution of Departmental Project Evaluation Committee (DPEC) for project evaluation
- c) Departmental Seminar Evaluation Committee (DSEC) for the evaluation of student seminars and Industrial Training/Field Training.
- d) Identification of courses to be offered during odd /even semester.
- e) Allotment of guides for Mini/Major Projects/Internships/Field Training
- f) Recommending a course/s to be studied by students having a shortage of credits for award of Degree.
- g) Approval of registration to different hardcore course of failed students.

7.9 Departmental Project Evaluation Committee (DPEC)

The Departmental Project Evaluation Committee shall have the following composition.

Structure:

Chairman	:	Dean/Head of the Department
Members	:	Guide / Co-Guide Two Faculty members nominated by the Head of the Department
Member Convener	:	Faculty member nominated by the Head of the Department

Functions:

- a) Approval of Projects.
- b) Framing of Rubrics for Evaluation of Project.
- c) Periodic review of progress.
- d) Evaluation of Project.
- e) Furnish the details of evaluation to concerned Dean/HOD.

7.10 Interdisciplinary Project Evaluation Committee (IPEC)

The Interdisciplinary Project Evaluation Committee shall have the following composition.

Structure:

Chairman	:	Nominee nominated by IAAC
Members	:	Guides from concerned departments / Co-Guides Four Faculty members from concerned departments nominated by the Chairman
Member Convener	:	Faculty member nominated by the Chairman

Functions:

- a) Approval of Projects.
- b) Formulation of Rubrics for Evaluation.

- c) Evaluation of Project.
- d) Furnish the details of evaluation to concerned Dean/HOD.

7.11 Departmental Seminar Evaluation Committee (DSEC)

The Departmental Seminar Evaluation Committee shall have the following composition.

Structure:

Chairman	:	Dean/Head of the Department
Members	:	Coordinator Two Faculty members nominated by the Dean/Head of the Department
Member Convener	:	Faculty member nominated by Dean/Head of the Department

Functions:

- a) Approval of Seminar topic/s and Internships.
- b) Formulation of Rubrics for Evaluation.
- c) Evaluation of Seminar/ Internships.
- d) Furnish the details of evaluation to concerned Dean/HOD.

7.12 Board of Examiners (BOE)

The Board of Examiners in respective boards shall have the following composition.

Structure:

Chairman	:	Dean/Head of the Department
Members	:	Two or Three Faculty members of different areas of specialization nominated by the Dean/Head of the Department One /Two experts from other institutions.
Member Convener	:	Faculty member nominated by the Dean/Head of the Department

Functions:

- a) Forwarding panel of examiners for each course to the Controller of Examination.
- b) Scrutiny of question papers.
- c) Prepare and approve the detailed scheme of evaluation.
- d) Analysis of semester end examination results of all the semesters.

7.13 Malpractice Enquiry Committee (MPEC)

The Malpractice Enquiry Committee shall have the following composition.

Structure:

Chairman	:	Principal
Members	:	Dean Academic Affairs Respective Dean/Head of Department Head of the other Department nominated by the Principal
Member Convener	:	Controller of Examinations

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

Functions: Conduct an enquiry of the student/s who involved in malpractice and decide the nature of punishment to be awarded depending upon the gravity of the offence.

7.14 Student Counselling Cell (SCC):

“Adolescence is a period when individual is overwhelmed by several simultaneous developments, to meet this situation proper guidance is needed in this period. The teacher and institute encourage the development of effective maturity by providing the counselling and guidance”. The cell comprises of Department level Mentors. The cell advises students regarding course registration, selection of elective courses, dropping and withdrawal of courses etc.

7.15 Grievance Redressal Cell (GRC):

The Grievance Redressal Cell shall have the following composition

Chairman	:	Principal/ Vice Principal
Members	:	Two or Three Senior faculty members appointed by Principal
Member Convener	:	Dean of Student Welfare

Functions:

- Examine the genuineness of the written complaint/s received from the stakeholders regarding any kind of academic grievances.
- Suggest remedies for grievances.
- Forward the recommendations to the Chairperson of Academic Council for implementation.

7.16 Disciplinary Review Committee (DRC):

The Disciplinary Review Committee shall have the following composition.

Structure:

Chairman	:	Principal
Members	:	Respective Dean/Head of Department Head of the other department nominated by the Principal Dean of Student Welfare
Invitee	:	Controller of Examinations
Member Convener	:	Dean Academic Affairs

Functions: Conduct an enquiry pertaining to indiscipline activities/behaviour and award suitable punishment.

8. ACADEMIC PLANNING

- 8.1 The curriculum is designed as per OBE and shall include Professional Core Courses (PCC), Professional Electives Courses (PEC), Open Electives Courses (OEC), Mini-Project, Major-Project, Seminar, Internships, Case Studies, Non-Credit Mandatory Courses (NCMC) .
- 8.2 The percentage distribution/ coverage of syllabus in the courses are as per the guidelines given by VTU/ UGC/ AICTE and Ministry of Education, New Delhi.
- 8.3 Individual Board of Studies (BoS) takes care of formation of Scheme and Syllabus. The same shall be approved by the Academic Council (AC) and Governing Body (GB) of the College.
- 8.4 There shall be an equal emphasis on theory and practical/ laboratory and workshops.
- 8.5 Emphasis is also given for Self-Study and Experiential Learning.
- 8.6 Additions and deletions of any particular course have to be recommended by respective BoS and shall be approved by the AC and GB of the Institution.
- 8.7 Many interdisciplinary courses and open/global electives are also offered as per the availability of the resource and a student can choose from these as per his/her interest.
- 8.8 All students have to undergo Continuous Internal Evaluation (CIE) which includes tests, assignments, quizzes, experiential learning and seminars etc.
- 8.9 At the end of the semester eligible students have to take Semester End Examination (SEE) in both theory and practical courses.
- 8.10 Student declared as Not Satisfied Attendance Requirements (NSAR) is not eligible to take Semester End Examination (SEE) and Not Satisfied Sessional Requirements (failing to secure required CIE) (NSSR) is not eligible to take up Semester End Examination (SEE) in that particular course including practical courses if any.

9. COURSE REGISTRATION

In each semester, an eligible student shall register for the courses he/she intends to study. Only registered students shall be allowed to attend the classes of those courses. Students should register, for the courses as per the scheme of study, in each of the semesters (odd, even & supplementary). The dates for registration are specified in the academic calendar of the institute published before the commencement of semester. Registration by the students should be completed on the dates of registration specified in the academic calendar. Registration after the last date prescribed is not permitted. Students should be present in person during registration. Registration for the first semester of any program shall be a part of the admission process.

9.1 Eligibility Requirements

- i) A student shall be eligible for promotion from an even semester to the next odd semester (i.e. to the next academic year) if the candidate has not failed in more than two credit courses (inclusive of theory and practical courses).
- ii) CGPA should be greater than or equal to 5.00.
- iii) Dues if any, of the previous semesters to the Institution, Hostel and Library are paid.
- iv) Should not have any disciplinary proceeding pending against the student.

9.2 Registration Procedure (Form-1)

- a) For the registration to the courses, students have to approach the concerned Mentor as per the academic calendar.
- b) Mentor will counsel the students and will advise the students regarding the courses to be registered during the current semester, taking into account the performance of the student during the previous semesters.
- c) After counselling, students have to register for the courses through online mode and print copy of the registered course along with the prescribed fee receipt and submit it to Mentor on the same day of the registration.
- d) Mentor will duly sign the copy, also take signature of the concerned HOD and submit it to the Dean- Academics within specified time.

9.2.1 Registration for Odd Semester

- i) A student has to register for all the courses offered in the semester as per the scheme of study and examination.
- ii) For registration to III semester, students should satisfy the following conditions.
 - a) CGPA should be greater than or equal to 5.00
 - b) A student should not have dropped/withdrawn any course and obtained F/NE/I/X grade in more than four credit courses out of the total credit courses offered up to the end of previous academic year. (Refer Vertical Progression clause 18)
 - c) Students have to register for a minimum of 16 and a maximum of 28 credits including re-registered courses, if any.

9.2.2 Registration for Even Semester

- i) A student has to register for the courses offered in the even semester as per the scheme of study and examination.
- ii) All students are eligible to move from odd semester to even semester during the same academic year.

- iii) However, a student has to register for a minimum of 16 and a maximum of 28 credits including re-registered courses, if any.

9.3 Re-registration of Courses

- i) Students who have dropped, withdrawn, secured NE/F grade in courses in any semester should repeat those courses to secure a grade other than F by re-registering in supplementary term or as and when offered in the regular semesters.
- ii) If a student has dropped, withdrawn, secured NE/F grade in a Professional Elective course, then he/she can re-register for the same or different course.
- iii) If a student gets F grade in project/ internship he/she has to repeat project/ internship work.

9.4 Registration for Supplementary Semesters

- i) Supplementary semester is of eight weeks duration and is offered at the end of even semester.
- ii) Supplementary semester is for students who have failed during regular semester, dropped, withdrawn or secured NE/F grade in the courses.
- iii) All courses are not offered. A student has to opt from those offered by the Department in a given supplementary semester. The list of courses offered during the supplementary semester will be announced at the end of even semester.
- iv) Registration by the students should be completed on or before the dates specified in the academic calendar by paying the prescribed fee.
- v) Registration after the last date is not permitted.
- vi) A student is allowed to register for a maximum of 16 credits or 4 credit courses during a supplementary semester.
- vii) Dropping and withdrawal of courses are not permitted in supplementary semester.
- viii) Compensatory Test will not be conducted in supplementary semester.
- ix) I and X grades are not awarded in supplementary semester.
- x) Registration for Seminar/Project work /Internship/Practical courses are not permitted in supplementary semester.
- xi) A theory course shall be offered in the supplementary term provided the minimum strength of students is 10. However, this requirement may be relaxed by the Academic council with due approval from the Principal and Dean (Academics) based on the recommendations of the respective Departments.

9.5 Registration for Elective Courses

- i) List of elective courses offered will be published by the respective Department.
- ii) Student shall exercise his/her option in respect of elective course/s and register for the same offered by the Department at the beginning of respective semester.
- iii) Elective/s can be offered if the minimum number of students registered shall not be less than 10.
- iv) However, the condition as stated in clause above shall not be applicable to the programme having class strength of less than 10. In such cases only one elective shall be offered.
- v) The maximum number of registrations to an elective may be restricted by the concerned Department.
- vi) Student may be permitted to opt for change of elective course/s within fifteen days from the date of commencement of the semester.

9.6 Dropping of Courses

- i) Based on the review conducted by the concerned Mentor on students' performance in CIE, students are permitted to drop the course/s. The objective of the review is to mainly assist the students having poor performance to be facilitated to drop the identified course(s)
- ii) The dropping of course is allowed within the date specified in the academic calendar of that semester, usually eight weeks from the commencement of the semester.
- iii) A student is allowed to drop a maximum of two courses. However total credits of the semester should not fall below 16 credits.
- iv) Student, who wants to drop a theory course, has to apply in a prescribed format (Form-2) through concerned Teacher, Mentor and Dean/Head of the Department to the Dean (Academics) for permission.
- v) Mandatory courses cannot be dropped.
- vi) Dropping of laboratory course(s) is not allowed.
- vii) If the student drops the course within specified date, the fee for the course dropped will be adjusted for subsequent registration of the same course. The course dropped will not be indicated in the grade card.
- viii) Any re-registered course cannot be dropped.

9.7 Withdrawal from Courses

- i) Based on the review conducted by the concerned Mentor on students' performance on the regular basis after 12 weeks from the commencement of the semester, students are

- permitted to withdraw the course/s. The objective of the review is to mainly assist the students having poor performance to be facilitated to withdraw the identified course(s).
- ii) If a student withdraws the course after twelve weeks from the commencement of the semester and up to fourteenth week, the registration fee will be forfeited.
 - iii) A student, who wants to withdraw a theory course, has to apply in the prescribed proforma **(Form-3)** through the faculty who Teaches the course, Mentor and Head of the Department to the Dean (Academics) for the permission to withdraw.
 - iv) Withdrawal of practical course(s) is not allowed.
 - v) Withdrawal of a course is allowed within the specified date in the academic calendar. A student is not permitted to withdraw any course after the specified date in the academic calendar.
 - vi) Students have to reregister the withdrawn course after paying the prescribed fees in the supplementary semester or in the subsequent semesters during which the course is offered.
 - vii) Transitional grades like Withdrawal (W), Incomplete (I) and X grade are not awarded during supplementary semester.
 - viii) A student is not allowed to withdrawn/drop same course more than once.

9.8 Audit Courses (Mandatory Non-Credit Courses)

A student shall register for courses for audit only, with a view to supplement his/her knowledge and/or skills. The student's grades in such course(s) will be reflected in the grade card. These shall not be considered in determining the student's academic performance in the semester and also for vertical progression. 'PP' grade shall be awarded on successful completion of courses. "NP" grade shall be awarded on non-completion of courses

10 SEMESTER SCHEME

Semester Scheme provides several benefits to education programs in contrast to Annual Scheme. Therefore, college adopts Semester Scheme for its UG and PG programs.

Each academic year shall consist of two regular semesters, odd semester and even semester, and a supplementary semester. The breakup of academic year (Odd, Even and Supplementary Semesters) is given in the Table 10.1.

10.1 College Timings

Monday to Saturday: 9.00 AM to 5.00 PM with 1st and 3rd Saturdays of every month are usually holidays. Second and fourth Saturdays are full working days. If there is a 5th Saturday in any month, it will be half working day. The time-table to be followed on working Saturdays will be informed by the College in advance.

Table 10.1: Academic Year Breakup

Sl. No.	Action Plan	Odd Semester	Even Semester	Supplementary Semester
1.	Registration of courses	One week before the commencement of the semester	One week before the commencement of the semester	One week after the announcement of results
2.	Course Work	16 weeks	16 weeks	6 weeks
3.	Preparation & Examinations	5 weeks	5 weeks	1 week
4.	Vacation	1 week	1 week	1 week
TOTAL		22 weeks	22 weeks	8 Weeks

10.2 Academic Calendar

The calendar includes important academic activities to assist the students and the faculty. These include, dates assigned for registration of courses, dropping of courses, withdrawal from courses and examinations (CIE and SEE). This enables the students to be well prepared, minimize their chances of failure in CIE and/or SEE and take full advantage of the flexibility provided by the credit system.

Changes if any, will be notified by the College from time to time.

11 CREDIT SYSTEM

11.1 General

The institution follows a Choice Based Credit System (CBCS). The students have an option of choosing from a wide range of electives and complete the program at their own pace. Value added courses are also offered as a part of extended learning in inter-disciplinary and multi-disciplinary domains. Thus, the CBCS facilitates continuous learning and assessment. The CBCS for the various programs provides a great opportunity to the students in their preparation to meet the challenging opportunities and joining their hands in solving industrial and societal problems.

11.2 Major Benefits

Major benefits accruing by adopting the Credit System are listed below:

- a) Quantification and uniformity in the listing of courses for all programs at the College, like core electives and project work etc.
- b) Ease of allocation of courses under different heads by using their credits to meet national/international practices in education.

- c) Convenience to specify the minimum/ maximum limits of course load and its average per semester in the form of credits to be earned by a student.
- d) Flexibility in program duration (without violating the specified maximum duration of the program) for students by enabling them to pace their course load within minimum/maximum limits based on their preparation and capabilities.
- e) Wider choice of courses available from any department of the same College or even from other similar Colleges, either for credit or for audit.
- f) Improved facility for students to optimize their learning by availing of transfer of credits earned by them from one College to another.

11.3 Credit Definition

One unit of course work is assigned one credit in the regular semester (Odd/Even) for:

- a) Theory Course conducted for one hour/week/semester
- b) Tutorials conducted for Two hours/ Week/Semester
- c) Practical classes (Laboratory Courses) conducted for Two hours/ Week/Semester
- d) Self-Study on a topic/course for Four Hours/ Week/ Semester.

However, in case of Supplementary term, the course load is multiplied by two. These regulations form the basis to fix semester course load and weekly contact hours in the regular semesters / supplementary term.

Note: Other student activities like study tours, industrial visits, guest lecturers shall not carry any credits.

11.4 Credit Structure

A typical Credit Structure for coursework based on the above definition is given in Table 11.4. This shall be applicable for the coursework of students registered for all PG programs offered by the institution.

Table 11.4: Credit Structure

Lectures (L) (Hours/Week)	Tutorials (T) (Hours/Week)	Laboratory Work (P) (Hours/Week)	Credits (L:T:P)	Credits (Total)
4	0	0	4:0:0	4
3	2	0	3:0:0	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
2	0	0	2:0:0	2
0	2	0	0:1:0	1
0	0	0	0:0:1	1

Thus, it is more appropriate to specify the eligibility requirements for award of Degree based on course work (like UG, PG) by prescribing the total number of credits to be earned, as an alternative to specifying the Program Duration. This will be of significant help in providing the well-needed flexibility to the students in planning their academic programs and their careers.

Note: For online courses, one credit shall be awarded for the courses of 4 weeks duration.

11.5 Credits to be Earned for Award of Degree

The total number of credits to be earned by a student to qualify for the Degree award from each Autonomous College is as given in the Table 11.5.

Table 11.5: Total Credits to be Earned for Award of Degree

Program		Normal Duration		Total number of Credits to be Earned
		Years	Semesters	
UG Degree	B.E.	4	8	160
	B.E.(Lateral entry)	3	6	120
PG Degree	M.Tech.	2	4	88
	M.B.A.	2	4	100
	M.C.A.	2	4	100
Research	Ph.D.	3	6	-

11.6 Course Load in a Regular Semester

The Odd and Even semesters are known as regular semesters. The course load for a student per semester as well as its minimum and maximum limits, are based on the guidelines issued by the University and considering the academic strength and capability of an average student.

11.6.1 A student shall be permitted to **re-register** for additional credits (courses awarded with W/F/NE/I Grade), limiting to a maximum of **28 credits**, from **third semester** onwards (only in regular semesters). This is subject to the following conditions:

- a) The student doesn't have more than two backlogs from the previous semesters.
- b) The student shall ensure that there is no overlapping in time-table for the period and obtain concurrence from the Mentor, subject to the course being offered during the semester.
- c) The student shall submit a copy of documentary evidence in respect of the above (a,b) while seeking approval from the concerned Dean/ Head of the Department (HOD).
- d) It is mandatory and responsibility of the student to ensure all the above conditions (a-c) are met for registering additional courses over and above prescribed credits in a semester, otherwise the registrations for the additional courses shall deemed to be cancelled.

11.6.2 A student shall be permitted to **register** for additional credits (limiting to a maximum of 28 credits per semester), from **Third semester** onwards. This is to enable progressive learners take few courses of higher semesters. This is subject to the following conditions:

- a) The student has secured a CGPA ≥ 8.00 .
- b) The pre-requisite (if any) for the said course is completed.
- c) The student doesn't have any pending courses (courses with F-Grade/ Transitional Grades) from the previous semesters.
- d) The student shall ensure that there is no overlapping in time-table for the period and obtain concurrence from the Mentor, subject to the desired course being offered during the semester.
- e) The student shall submit a copy of documentary evidence in respect of the above (a,b,c,d) while seeking approval from the concerned Dean/HOD.
- f) It is mandatory and responsibility of the student to ensure all the above conditions (a to e) are met for registering additional courses over and above the prescribed credits in a semester, otherwise the registrations for the additional courses shall deemed to be cancelled.
- g) The credits earned by registering for additional credits shall not be taken in to account for the award of degree and also for the vertical progression. However same shall be reflected in the grade card.

11.7 Course Load in a Supplementary Semester

The Supplementary semester is provided for helping students who have failed in their examinations. The Supplementary semester is provided to help the student to avoid losing an academic year. The Department/College may offer some courses based on the availability of resources in hand. It is the discretion of the Department/College whether to offer the Supplementary semester or not. Supplementary semester is a special semester and the student cannot demand it as a matter of right. During the supplementary semester, a student is permitted to re-register for course(s) where he/she has secured F/W/I/NE Grades. A student is permitted to re-register for the maximum of **16 credits or maximum of 4 credit courses**). All courses are not offered. A student has to opt from those offered by the Department in a given Supplementary semester. The student has to pay a fee prescribed by the College to register for a course in the Supplementary semester.

12. MENTORING SYSTEM

The college has a well-organized mentor system, effective examinations/assessment system and comprehensive Academic Calendar prescribing specific dates for each activity, for good success in realizing the flexibilities.

- 12.1** The college has a Faculty Advisory System (Mentoring system) to help the students to complete their studies successfully and comfortably. A faculty is called as Mentor and the student as Mentee. Each Faculty Advisor/Mentor is assigned a group of students. The functions of the Mentor is to:
- Advise the students in the group on all academic matters (like registration of courses, dropping of courses, withdrawing from courses, selecting electives etc.)
 - Monitor the students in the group for their individual academic performance,
 - Identify students in the group who are slow, progressive and bright learners to help them pace their studies/learning at the College based on their individual abilities, and
 - Serve as a friend, philosopher, and guide to all of them in the group during their studentship at the College.
- 12.2** With the Mentor in place, a student to be normally permitted to register for the average course load in the first semester. And, based on the performance in the semester and faculty advice, he/she to continue with this load (for progressive and bright learners) or to reduce it to the minimum permissible (for slow learners) by dropping of/withdrawing from some course(s)/credits before the dates prescribed for these. This facility to assist the student to pace the course work, minimize the chances of failure in the course(s) and optimize the learning process.
- 12.3** The student's performance in the first year forms the basis for faculty to advice on the number of credits to be registered from the third semester onwards (within the minimum/maximum limits of 16 to 28 credits). Further faculty members shall advice and monitor closely the slow learner to pace the course work properly by reducing the course load, if required and to minimize the chances of failure in the semester.
- 12.4** The above experience shall enable any student to properly plan his/her course load in each succeeding semester, by fixing it to be more than or equal 16 credits and less than or equal to 28 credits based on faculty member advice and his/her academic performance in the previous semester. Mentor advice shall be also useful to the student in identifying appropriate elective courses.
- 12.5** This experience is to also help bright learners to accelerate their programs by registering and maintaining up to the maximum (equal to 28 credits) course load in each succeeding semester based on their performance in the preceding and the current semesters. Such students to be able to complete the credit requirements of the program in a shorter time, like 3 semesters in the case of PG. as example, and use the time towards Value Added Courses or for internship etc.

- 12.6** Similarly, slow learners to register only for the minimum (equal to 16) number of credits in each succeeding semester and strive to maintain good performance in all the courses registered and complete the total requirements for the program at a slower pace, say 5 to 6 semesters in all, in the case of PG. as example.
- 12.7** The number of credits earned by a student during the semester/year and Semester Grade Point Average (SGPA) as well as the Cumulative Grade Point Average (CGPA) shall serve as performance indices to determine the standards as given in the Regulations later.
- 12.8** Expected outcome of the Mentor system is to reduce the failure rate, motivate the students and improve the overall performance and quality of the student.

13 CURRICULUM FRAMEWORK

13.1 General Issues

- 13.1.1** Curriculum framework is important in setting the right direction for a Degree/Diploma/Certificate program by the College, as it takes into account the type and quantum of knowledge necessary to be acquired by a student to qualify for a particular award in his/her chosen branch or specialization area.
- 13.1.2** Besides, this also helps in assigning the credits for each course, sequencing the courses semester-wise and finally arriving at the total number of courses to be studied and the total number of credits to be earned by a student to fulfil the requirements for the conferment. The college takes into account the AICTE Model Curricula notified from time to time and follows them so as to be abreast of the national trends in this connection.
- 13.1.3** At the time of graduation, the minimum expected skills in every graduate, for global acceptance is defined by National Board of Accreditation (NBA), through the Program Outcomes (POs). The POs are primarily developed through the curriculum, the Course Outcomes (COs) of various courses of the curriculum. Hence, the expected skills to be developed through the POs forms an important factor during curriculum design
- 13.1.4** Another guiding factor for curriculum design is to ensure that it meets global standards, which are defined through the expectations and the competencies that need to be addressed for every engineering discipline through the Program Specific Criteria (PSC) recommendations by Accreditation Board for Engineering and Technology (ABET). This has to be addressed through the Core Courses of the curriculum as every graduate shall possess the expected core competency.

13.2 Curricular Components

The curriculum includes various curricular components as listed below, with recommended credits (minimum and maximum) for each component, and is dependent on the degree to be awarded:

- Professional Core Courses (PCC)
- Professional Electives Courses (PEC)
- Skill Development Courses (SDC) [Mini-Project, Major-Project work, Seminar, and Internship]
- Mandatory Non-Credit Courses (MNCC)
- Curriculum includes few elective courses offered through MOOCs under the guidance of the faculty in-charge, who shall be responsible for conducting the required CIE and SEE.

13.2.1 Allocation of Credits for M.B.A. Degree Program

The College offers the PG program in Master of Business Administration (M.B.A.), with credit distribution among various curricular components as given in Table 13.2.1. The MBA program includes courses from Professional Core Courses (PCC), Professional Elective Courses (PEC), Skill Development Courses (SDC), and Mandatory Non-Credit Courses (MNCC).

Table 13.2.1: Typical Credits Distribution for the M.B.A. Program

Sl. No.	Course Category	Credits	Credits (MBA-IEV)
1	Professional Core Courses (PCC)	48	20
2	Professional Elective Courses (PEC)	30	24
3	Skill Development Courses (SDC): Seminar, Project Work, MOOCs	10	56
4	Internship	12	-
Total		100	100

13.2.2 Allocation of Credits for M.C.A Degree Program

The College offers the PG program in Master of Computer Applications (M.C.A.), with credit distribution among various curricular components as given in Table 13.2.2

It is recommended that the Project work of the M.C.A. program, leads to a Research publication in a reputed Journal/ Conference or the filing of patent with the patent office, or, the start-up initiative with a sustainable and viable business model accepted by the incubation center of the college together with the formal registration of the start-up.

Table 13.2.2: Typical Credits Distribution for the M.C.A. Program

Sl. No.	Category	Credits
1	Basic Science Course (BSC) - Mathematics	03
2	Professional Core Courses (PCC)	55
3	Professional Elective Courses (PEC)	12
4	Skill Development Courses (SDC) – [Project work, Seminar]	17
5	Internships	13
Total		100

14. ATTENDANCE REQUIREMENT

- 14.1** All students shall maintain a minimum attendance of 85% in each course registered with a provision of condoning 10% of the attendance by the Academic Council on the recommendation from the Principal for the reasons such as medical grounds, participation in University level sports, cultural activities, seminars, workshops and paper presentation. 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.
- 14.2** In the event of condonation, the students are not eligible for make-up examination in that course during that semester.
- 14.3** Attendance at CIE and SEE: Attendance at all examinations, both CIE and SEE of each course registered shall be compulsory for the students and there shall not be any provision for re-examination/consideration.
- 14.4** Any student against whom any disciplinary action by the College is pending shall not be permitted to attend any SEE and deemed to be awarded with **NE** grade.
- 14.5** The basis for the calculation of the attendance shall be the period prescribed by the College by its calendar of events. For the first semester students, the same is reckoned from the date of admission to the program.
- 14.6** 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 shall not be considered as valid reason for exemption from the attendance requirements.
- 14.7** If a student does not fulfil the attendance requirements in any course, he/she is not permitted to attend the Semester End Examination (SEE) and is deemed to have been awarded “**NE**” **grade** in all the courses of the semester.

15. ASSESSMENT

15.1 Achievement Testing through CIE and SEE

15.1.1 The assessment of students' performance in course work during and /or at the conclusion of a program shall be done using examinations. In general, an examination may have different objectives, like achievement-testing, prediction-testing, endurance-testing, creativity-testing and testing for ranking.

15.1.2 Typically, achievement- testing is done in two parts as follows.

- a) **Continuous Internal Evaluation (CIE)**, to be conducted by the course instructor all through the semester. This includes seasonal tests, weekly/ fortnightly class tests, homework assignments, problem solving, group discussions, quiz, seminar, mini-project and other means. The tests have to be written in the official sessional books. It is the student's responsibility to see and confirm the evaluation and marks obtained after each test. After ascertaining that he/she has obtained the marks as per the performance, the student shall sign in the sessional book after each test.
- b) **Semester End Examinations (SEE)**, to be conducted by the institution at end of the semester as declared in the calendar of events. The assessment includes a written examination for theory courses and practical examination with built-in oral part for laboratory courses.

15.1.3 CIE and SEE will have 50:50 weightages respectively. Student's performance in coursework shall be considered by taking CIE and SEE into account, the results of both individually and also together.

15.1.4 For Theory Courses: Two tests are compulsory and average of the two tests, along with the scores obtained in the Assignment/ Quizzes/ Other Additional Assessments (OAA) shall be considered for computing the final CIE marks of a student in a given course. The Tests/Assignment/ Quizzes/ OAA shall be conducted by the course instructor. Advance notification for the conduction of Assignment/Quiz/OAA is mandatory and the responsibility lies with the concerned course instructor. Final CIE marks shall be calculated as per Table 15.1.4.

Table 15.1.4: CIE for Theory Papers

Test 1	Test 2	Assignment	OAA [#]
50	50	10	10
Final CIE	Average of 2 tests for a Maximum Marks of 30 + 10 (Assignment)+ 10 (OAA) = 50		

OAA includes quizzes, seminar, one minute paper, mini project, case studies, field work, etc.

15.1.5 For Laboratory Courses

The Laboratory session is held every week as per the time table, and the performance of the student is evaluated in every session. This includes attendance, conduction of laboratory

work, viva-voce etc. The average of marks over number of weeks is considered for 20 marks. At the end of the semester one test will be conducted for 50 marks and proportionately reduced to 20 marks. Students are encouraged to maintain their lab record and same is evaluated for 10 marks. Total marks for the laboratory is 50.

Table 15.1.5: CIE for laboratory work

Particulars	Marks
Regular lab work	20
One Lab Test at the end of 14 th Week	20
Lab Record	10
TOTAL	50

15.1.6 Compensatory Test

It is mandatory for a student to appear for all two tests. If any student who is unable to attend a test due to valid/unavoidable circumstances, a Compensatory Test will be provided to those students who are having course-wise satisfactory attendance and requested for the permission. A request letter in the prescribed proforma (**Form-4**) has to be submitted by the student to the Head of the Department for the approval within one week after the test in respective course. The purpose of conducting internal assessments is to ensure continuous evaluation and measure continuous learning. Hence, the Compensatory Test is conducted purely to address genuine student's cases. Hence, only ONE Compensatory Test will be conducted by the course faculty.

15.2 Question Papers

15.2.1 Question Paper Pattern

For an effective achievement assessment of student in a course/program, a good question paper is a principal tool. This makes it necessary for the question papers used at CIE and SEE to;

- Cover all sections of the course syllabus uniformly.
- Be unambiguous and free from any defects/errors.
- Emphasize knowledge testing, problem solving and quantitative methods.
- Covering the knowledge levels as per Bloom's Taxonomy.
- Contain adequate data/ other information on the problems assigned, and
- Have clear and complete instructions to the candidates.

15.2.2 Question Paper Planning

The above requirements make it necessary for a Question Paper to cover the entire syllabus, with a provision for the students to answer questions from the whole syllabus. As students

need to be given some choice in the questions included in the Paper, it is necessary for the Question Papers to have built in choice under each module of the syllabus.

15.2.3 Besides, it is also necessary for the Course syllabi to be drafted properly, be defect-free and also properly given in modular form to enable the setting of good question papers covering the whole syllabus. These aspects have to be taken into account, in particular, by the Boards of Studies (BoS).

15.2.4 Typical Question Paper Pattern

The course instructors and paper setters (Internal / External) shall follow the pattern as defined. Comprehensive Questions, having all questions of the descriptive type to be answered in detail. Such a Question Paper to be useful in the testing of overall achievement and maturity of the students in a course through long questions relating to theoretical/practical knowledge, derivations, problem solving, modelling, simulation, design, application and quantitative evaluation. Questions of this type are included in both CIE and SEE.

15.2.5 Internal Assessment (IA)

15.2.5.1 For MBA

- Question paper for the Internal Test consists two parts i.e., Part A and Part B.
- Part A covers the syllabus during the periods specified and it consists of two questions from each module for 20 marks each having choices and may contain sub-divisions. Students have to answer two full questions selecting at least one from each module.
- Part B will be a compulsory question on case study for 10 marks.
- Duration of each test is 90 minutes.

15.2.5.2 For MCA

- Question paper for the Internal Test consists two parts i.e. Part A and Part B.
- Part A will be a compulsory question consists of short answer type questions for 1 or 2 marks each for a total of 10 marks covering the syllabus during the periods specified.
- Part B also covers the syllabus during the periods specified and it consists of two questions from each module for 20 marks each having choices and it may contain sub-divisions. Students have to answer two full questions selecting at least one full question from each module.
- Duration of each test is 90 minutes.

15.2.6 Semester End Examination

15.2.6.1 For MBA

- Question paper for the SEE consists two parts i.e., Part A and Part B.

- Part A covers the entire syllabus during the periods specified consists of five questions from each module for 16 marks each having choices and may contain sub-divisions. Students have to answer five full questions selecting at least one from each module.
- Part B will be a compulsory question on case study for 20 marks.
- Duration of each examination is 3 hours.

15.2.6.2 For MCA

- Question paper for the SEE consists two parts i.e. Part A and Part B.
- Part A will be a compulsory question consists of short answer type questions for 1 or 2 marks each for a total of 20 marks covering the entire syllabus.
- Part B also covers the entire syllabus consists of five questions from each module for 16 marks each having choices and may contain sub-divisions. Students have to answer five full questions selecting at least one full question from each module.
- Duration of each examination is 3 hours.

15.3 Assessment Patterns for CIE

The CIE shall be conducted by the course instructor. It is the responsibility of the course Instructor to spell out the teaching/assessment pattern of the CIE such as test, quiz, assignment, seminar, term paper, open ended experiments, mini-projects, two-minute videos, MOOCs etc. and also the necessary rubrics to students well in advance. The Course Instructor shall maintain transparency; announce the CIE results well on time.

15.4 Passing Standards

High standards shall be maintained in all aspects of the examinations. The absolute grading method is followed. The minimum standard of passing in respect of CIE and SEE for each course is shown in Table 15.4.

15.5 Evaluation of Project work

The evaluation of CIE of the project work shall be based on the progress of the student in the work assigned by the project supervisor/guide, periodically evaluated by him/her together with a Department Project Evaluation Committee (DPEC) / Interdisciplinary Project Evaluation Committee (IPEC) constituted for this purpose and to ensure uniform evaluation. The projects are evaluated by well-defined Rubrics (made known to the students well in advance). There will be minimum three evaluations for CIE: one initial, one mid-semester and one towards the end of semester (before last working day). Project demonstration/presentation, seminar, submission of project report and viva-voce conducted with an external examiner shall form the SEE of the project work.

Table 15.4: Passing Standards using Absolute Grading

Evaluation Method	Passing Standard
Continuous Internal Evaluation (CIE) Theory courses	Score \geq 50% of the maximum marks allotted
Continuous Internal Evaluation (CIE) Practical Courses (Lab, Internship, Project, Seminar)	Score \geq 50% of the maximum marks allotted
Semester End Examination (SEE) Theory courses	Score \geq 40% of the maximum marks allotted.
	However, minimum aggregate score in CIE + SEE \geq 50% for award of grade other than "F".
Semester End Examination (SEE) Practical Courses (Lab, Internship, Project, Seminar)	Score \geq 50% of the maximum marks allotted

15.6 Evaluation of Seminars

Students of IV semester have to present a technical seminar on emerging area in the respective discipline. Seminar is evaluated for 100 marks. The Department Seminar Evaluation Committee (DSEC) ensures uniform evaluation by well-defined Rubrics. For passing, student has to secure minimum 50% of allotted marks. There is no SEE for seminar.

15.7 Evaluation of Field Training/Industrial Internship

Evaluation of the Field Training/Industrial Internship shall be conducted during respective semesters as per scheme of study and examination. The CIE will be evaluated by the Department Seminar Evaluation Committee (DSEC) and it ensures uniform evaluation by well-defined Rubrics. The SEE shall be conducted by internal and external examiners for 100 marks. The external examiner shall be from the industry where the student carried out the Field Training/Industrial Internship. In case of non-availability of external examiner from the industry, the Principal shall appoint an external examiner from the nearby college or a senior faculty member from outside the Department on recommendation of respective BoE. A student has to get a minimum of 50% marks in CIE and a minimum of 50% marks in SEE as a passing standard. If a student fails to complete the same, then the Field Training/Industrial Internship has to be repeated in its entirety.

15.8 Re-examination

There shall be no re-examination for any Course in the credit system to take care of such students;

- a) Who have absented themselves from attending CIE or SEE without any valid reason;
- or,

- b) Who have failed (Grade F) to meet the minimum passing standard prescribed for CIE and/or SEE; or,
- c) Who have been detained for shortage of attendance; or
- d) Who have Withdrawn (Grade W) from a Course.

Such students listed above (a to d), shall be required to re-register for the Course(s) and go through CIE and SEE again and obtain a Grade other than “F”. While such students shall have to re-register for the same/ equivalent Course(s) in case of hard-core courses. However, they can re-register for alternative Course(s) from among the elective courses, as the case may be. The re-registration shall be possible when the particular course is offered in regular semesters.

15.9 Plagiarism Index for Project Report/Thesis

All project reports shall go through the plagiarism check and the plagiarism index has to be less than or equal to 25%. Thesis/Project reports with plagiarized content more than 25% shall resubmit the Thesis/Project within a stipulated period of two months by paying prescribed fee. If the Thesis/Project rejected for the second time, the student shall submit different Thesis/Project within a stipulated time of 6 months.

In the case of failure to fulfil other requirements, such as seminar, industrial internship, field work, comprehensive viva-voce, if any, the student has to reappear for the SEE by fulfilling the requirements as per the norms (AC) of the College.

15.10 Semester End Examination

- i. Semester End Examination is conducted as per the academic calendar of the Institution. The examination shall be conducted for 100 marks and is reduced to 50 marks for computation of grades.
- ii. A student has to obtain a minimum of 40% (i.e., 20/50 marks) in theory courses and 50% (i.e. 25/50) in practical courses, failing which ‘F’ will be awarded for that course. Whereas X grade is awarded to a student who has minimum attendance of 85% and minimum of 90% score in CIE.
- iii. There shall be double valuation of SEE answer scripts by the Internal Evaluator normally the Course Instructor and an External Evaluator appointed by the Controller of Examination.
- iv. If the difference between the marks awarded by two evaluators is less than 10%, then the average of the marks awarded by the two evaluators is taken for further processing.
- v. If the difference between the marks awarded by two evaluators is more than 10% then a third evaluator shall assess the answer script. The average marks of the nearest two

evaluations are taken for further processing. If one of the three evaluation marks falls exactly midway between the other two, then higher two evaluation marks are taken for averaging.

16. GRADING

16.1 General

16.1.1 As in recent years, the grading system has replaced the evaluation of student's performance in a Course based on absolute marks. This is to ensure uniformity in the grading practice at different autonomous colleges to facilitate the migration of students or transfer of credits among Autonomous Colleges under the University.

16.1.2 Absolute Grading

The College adopts the absolute grading system.

16.1.3 Letter Grades

A letter grade is basically a qualitative measure (an alphabet/letter) giving the performance of a student, such as, Outstanding (S), Excellent (A), Very Good (B), Good (C), Fair (D), Satisfactory (E) and Unsatisfactory/Fail (F), based on the marks obtained by the student. This is usually arrived at after considering the student's performance in both CIE and SEE put together for each Course.

16.2 Grade Points

16.2.1 Depending on the letter grades assigned, a student earns certain grade points. As the grading system can have different scales for grade points with more number of points in the scale being desirable for providing higher resolution in the assessment. The Colleges will follow the 10-point scale grading system, as given in Table 16.2.1.

Table 16.2.1: Grade Points Scales for both Relative and Absolute Grading

Level	Out-standing	Excellent	Very Good	Good	Fair	Satisfactory	Fail
Grade	S	A	B	C	D	E	F
Grade Points	10	09	08	07	06	04	00
Marks Range	$\leq 100 -$ ≥ 90	$< 90 -$ ≥ 80	$< 80 -$ ≥ 70	$< 70 -$ ≥ 60	$< 60 -$ ≥ 55	$< 55 -$ ≥ 50	< 50

16.2.2 The grade points given in Table 16.2.1 helps in the evaluation of credit point earned by the student in a Course as the credit point is equal to the number of credits assigned to the

Course multiplied by the grade point awarded to the student in that Course.

16.2.3 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 “S to E”. Letter grade “F” in any Course implies failure of the student in that Course and no credit is earned.

16.2.4 Transitional Grades:

The transitional grades, such as, 'I', 'W' and 'X' shall be awarded to a student in the following cases. These grades need to be converted into one or the other letter grades (S-F) after the student completes his/her Course requirements, including the examinations.

- a) **Grade 'I':** Awarded to a student having satisfactory attendance at classes and meeting the passing standard at 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, which disables the student from attending Semester End Examination (SEE);
 - 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 (i) and (ii) above, it is the responsibility of the student/ parent/ guardian to inform the college authorities (Mentor/HOD) immediately. The information can be in the form of either written communication, personal communication by parent/guardian/peer or an e-mail. The candidate needs to submit all the relevant evidences (hospital reports, police reports, certificates from competent authorities, etc.). Prior intimation is mandatory. **Any intimation after the conduct of examination shall not be entertained.**
 - iv) The IAAC will decide about awarding 'I' grade taking into consideration all the documentary evidences produced by the student. The student is permitted to appear for the SEE in that course during a makeup examination or whenever SEE for the course is conducted either in even semester or in supplementary semester of that academic year. His/her CIE marks secured in the course earlier will be considered for the award of grade along with SEE marks. If permission for 'I' grade is not accorded by IAAC 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. **'I' grade is not awarded for re-registered courses during Supplementary Semester Examination.**
- b) **Grade 'W':** Awarded to a student having satisfactory attendance at classes, but withdrawing from that Course before the prescribed date in a semester under advice of faculty/mentor.

The student shall re-register for the said course either in supplementary semester or in the regular semester when it is offered. All the 'W' grades awarded to the students shall be eligible for conversion to the appropriate letter grades only after fulfilling the passing standards.

- c) **Grade 'X'**: Awarded to a student having high CIE ratings ($\geq 90\%$) in a course, but SEE performance observed to be poor, which could result in an overall "F" grade in the course.

16.2.5 Grade Card

Each student shall be issued a Grade Card at the end of each semester. This will contain a list of all courses registered by a student in the semester along with the credit earned. In addition to the letter grades with grade points, the grade card may also contain transitional grade 'T' which do not carry any grade points. Hence, only the courses registered for credit and having grade points shall be included in the computation of student's performance i.e., SGPA and CGPA. However, the mandatory non-credit courses will not be taken into consideration for computation of SGPA and CGPA. Such courses will be reflected in the Grade Card as 'PP' (for Pass) or 'NP' (for Not Pass). It may be noted that each student shall have to obtain the grade 'PP' in each mandatory non-credit courses for award of the Degree.

Note: In case of certification courses under MOOCs through NPTEL/Coursera etc., the grade shall be awarded based on the percentage of marks / grade reflected in the certificate.

16.2.6 Make-up Examination: The Make-up Examination facility shall be available to the students who may have missed to attend the SEE of one or more courses in a semester for valid reasons and awarded with 'I' grade. Students having 'X' grade shall also be eligible to take advantage of this facility by paying prerequisite fee. The makeup examination shall be held as per dates notified in the academic calendar or can be held any other time in the semester with the permission of its Academic Council. In all these cases, the standard of the makeup examination shall be the same as that of the regular SEE for the courses.

16.3 Grade Point Averages

16.3.1 SGPA and CGPA

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

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

academic performance of a student, at the end of a semester and at the end of successive semesters respectively. Thus, SGPA is an indication of the performance of the student in the current semester. SGPA is calculated as:

$$SGPA = \frac{\Sigma[\text{Course Credits} \times \text{GradePoints}] \text{ for all the applied courses of the current semester}}{\Sigma[\text{Course Credits}] \text{ for all the courses applied in the current semester}}$$

CGPA is an indication of the cumulative performance of the student from the first semester up to the current semester.

$$CGPA = \frac{\Sigma[\text{Course Credits} \times \text{GradePoints}] \text{ for all the applied courses from first to current semester}}{\Sigma[\text{CourseCredits}] \text{ earned for all the applied courses with E grade \& above from first to current semester}}$$

The SGPA and CGPA are calculated to the second decimal position.

However, there is no provision for photocopy and revaluation for make-up examination.

Table 16.3.1: Typical Example of Calculations SGPA & CGPA (For I Academic year)

Semester	Course Code	Credits	Grade	Grade Points	Credit Points	SGPA	CGPA
I	21XXX11	4	B	8	32	99 / 20 = 4.95	(99+118)/(13+17) =7.23
	21XXX12	4*	F	-	00		
	21AAA13	3	A	9	27		
	21XXX14	3*	F	0	00		
	21XXX15	3	D	6	18		
	21XXX16	1	E	4	04		
	21XXX17	1	B	8	08		
	21XXX18	1	S	10	10		
		20 (13*)			99		
II	21XXX21	4	C	7	28	118 / 20 =5.90	
	21XXX22	4	D	6	24		
	21XXX23	3	A	9	27		
	21XXX24	3*	F	0	00		
	21XXX25	3	E	4	12		
	21XXX26	1	S	10	10		
	21XXX27	1	A	9	09		
	21XXX28	1	B	8	08		
		20 (17*)			118		
Supplementary	21XXX12	4	D	6	24	57 / 10 =5.70	
	21XXX14	3	E	4	12		
	21XXX24	3	C	7	21		
		10			57	(99+118+57)/40 =6.85	

16.4 Appeal for Review of Grades

Photocopy of the answer script/s shall be made available to the students by paying the prescribed fee, which enables the student to appeal for the review of grades if not satisfied with the grade/s awarded within the dates prescribed by the institute.

Revaluation: The students, who have not satisfied with the evaluation in SEE, can apply for revaluation on payment of prescribed fee within the stipulated time as notified by the Institute. Revaluation is carried out by examiners independently (who have not evaluated the answer script earlier). The highest marks among earlier awarded marks and the marks awarded in the revaluation is considered as the final marks in SEE for award of grade. If the difference between the earlier marks and the revaluated marks is more than 15, then the script will be assigned for second revaluation and the average of two highest marks shall be awarded as final marks.

However, there is no provision for photocopy and revaluation for make-up examination.

16.5 Conversion of CGPA into Percentage (On 10 Point Scale)

The CGPA shall be converted into equivalent percentage of marks as follows:

Conversion of CGPA into equivalent % of Marks = [(CGPA) -0.75] x 10

Table 16.5: Percentage Equivalence of Grade Points (For a 10 – Point Scale)

Grade Point	Percentage of Marks
5.75	50
6.25	55
6.75	60
7.25	65
7.75	70
8.25	75

16.6 Rejection of Results

- i. A student may reject his/her results of all the courses registered in a semester of an academic year *if he/she is not satisfied with the result of any semester*, subject to the condition that the maximum duration for the completion of the course as mentioned in clause 5.2. is not exceeded. The rejection is permitted only once during the entire program of study.
- ii. Student who desires to reject the SEE results of a semester shall reject the total performance in all courses of semester (including CIE marks) either rejecting or retaining the CIE marks.

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

- iii. Student who desires to reject the total SEE performance of an odd/even semester including CIE marks, have to repeat that semester of prevailing scheme by taking readmission during the subsequent academic year/s. However, student is governed by clause 5.2.
- iv. If the student rejects the SEE performance of odd semester excluding CIE marks, he/she shall be permitted to register for the courses of next immediate even semester.
- v. If the student rejects the SEE performance of even semester excluding CIE marks he/she shall not be permitted to register for the courses of next immediate odd semester as per clause 18. In such cases student shall take admission to the next odd semester of prevailing scheme during the subsequent academic year/s after obtaining eligibility. However, student is governed by clause 5.2.
- vi. Application for Rejection of results shall be submitted in the prescribed format **(Form-5)** to respective Head of the Department within a week from the date of announce of results. Same shall be approved by the Dean Academics and Principal.
- vii. Rejection of the performance of IV semester project work is not permitted.
- viii. **Students who opt for rejection of results shall not be eligible for award of ranks.**

16.7 Gracing Policy

- i. A student is eligible to get a maximum total grace marks of 5 in the Semester End Examination (SEE), provided the student gets minimum required passing marks in SEE which is 40% (20/50) for a course.
- ii. Maximum of only 5 marks can be awarded across all courses in a particular semester. After awarding the grace student shall pass in all the subjects of semester.
- iii. A student is eligible to get a maximum of 1% of SGPA (0.1 out of 10) as grace if the student is falling short of either 6.75 or 7.75 which are treated equivalent to First Class and First Class with Distinction, respectively.

16.8 Issue of Marks Card

The mark card can be issued on specific request on payment of prescribed fee.

17. MALPRACTICE IN EXAMINATIONS

Penalties and punishments to the students involved in malpractice during the examination.

Sl. No.	Nature of Malpractice	Penalty to be imposed
I.	1. Writing on the Question Paper / Admission Ticket & or passing it to	The MPEC shall recommend any of the following punishments based on the severity of the case and the

	<p>the other student in the Examination Hall.</p> <ol style="list-style-type: none"> 2. Disclosing identity by writing any words or by making any peculiar marks or by writing USN on the pages other than the facing sheet in the answer scripts while answering. 3. Possession of Electronic devises like mobile, Programmable Calculator, Pen-drive and any other electronic devises / storage devises in the examination hall. 4. Communicating with any student or other person inside or outside the examination hall in order to obtain assistance or aid in the writing of answers in the examination. 5. Having any written matter on a scribbling pad, Calculator, Palm, Hand, Leg, hand kerchiefs, Clothes, Socks, Instrument Box, Identity Card, Hall Ticket, Scales etc.,) 6. Destroying any evidence of Malpractice, tearing or mutilating the answer script or running away along with the answer script from the examination hall or premises. 	<p>reasons for the same shall be recorded.</p> <ol style="list-style-type: none"> 1. Fine not less than Rs.5000/- 2. Denial of the benefit of the performance of that Particular Paper in which the student is booked under Malpractice. 3. Debarring the student from appearing for that particular subject in which the student is booked under Malpractice up to three more subsequent examinations.
<p>II.</p>	<ol style="list-style-type: none"> 1. Copying from the material or matter or answer of another student or similar aid or assistance, is rendered to another student within the Examination Hall. 2. Receiving material for copying from outside or inside the examination hall. 3. Bringing into the examination hall or being found in possession of portions of a book, manuscript, or such other material or matter to be brought into the examination hall. 4. Copying or obtaining assistance from any material or matter referred to in 	<p>The MPEC shall recommend any of the following punishments based on the severity of the case and the reasons for the same shall be recorded.</p> <ol style="list-style-type: none"> a) Fine not less than Rs.5000/- b) Denial of the benefit of the performance of that Particular Paper in which the student is booked under Malpractice. c) Debarring the student from appearing for that particular subject in which the student is booked under Malpractice up to three more subsequent examinations.

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

	sub-clause V(1) in order to answer questions in the examinations.	
III.	<ol style="list-style-type: none"> 1. Committing any other act or omission intending to gain an advantage or favour in the examination by misleading, deceiving or inducing the examiner or officers or authorities of the University / College. 2. Making any request of representation or inducing to bribery to the Room Superintendent and or any other official or officer of the University/College for favours in the examination hall or to the Examiner in the answer script. 3. Approaching directly or indirectly the teachers, officers, officials or examiners or bringing about undue pressure or undue influence upon them for favour in the examination. 	<p>The MPEC shall recommend any of the following punishments based on the severity of the case and the reasons for the same shall be recorded.</p> <ol style="list-style-type: none"> a) Fine not less than Rs.5000/- and denial of the benefit of the performance of that Particular Paper in which the student is booked under Malpractice. b) Fine not less than Rs.5000/-, and denial of the benefit of the performance of that Particular Paper and debarring the student from appearing for that particular paper in which the student is booked under Malpractice up to three more subsequent examinations.
IV.	Repeated indulgence in malpractice in the same examination or in subsequent examinations	<ol style="list-style-type: none"> a) Denial of the benefit of the performance of that Particular Examination (all the subjects for which the student has registered for the examinations). b) Debarring the student from appearing for subsequent examinations extending up to three more examination.
V.	Smuggling in or out or tearing off of the answer script sheets or supplementary sheets or inserting papers written outside the examination hall into the answer book.	<p>The MPEC shall recommend any of the following punishments based on the severity of the case and the reasons for the same shall be recorded.</p> <p>Fine not less than Rs.10,000/- and</p> <ol style="list-style-type: none"> a) Denial of the benefit of the performance of that Particular Examination (all the subjects for which the student has registered for the examinations).

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

		b) Debarring the student from taking two more subsequent exams.
VI.	Misbehaviour with officials or any kind of rude behavior in or near the Examination Hall using obscene or abusive language.	Fine not less than Rs.10,000/- and a) Denial of the benefit of the performance of that Particular Examination (all the subjects for which the student has registered for the examinations). b) Debarring the student from taking two more subsequent examinations.
VII.	Threatening the Room Superintendent, members of the Flying Squad, officers/officials of the Examination centers with weapons or other means.	Rusticate the concerned student from College/University. However, the concerned student shall be handed over to the police by the Chief Superintendent with an intimation to the College/University.
VIII.	Impersonating or allowing any other person to impersonate to answer in his/her place in the examination hall.	Rusticate the concerned student from College. Where the impersonator is also a student of the College, he/she shall also be rusticated from the college. However, both the concerned students shall be handed over to the police by the Chief Superintendent with an intimation to the College/University impersonation is done for both persons, the punishment shall extend up to reprimanding and also booking a case under Indian Penal Code-IPC.
The Chief Superintendent shall allow the candidate to write all subsequent examinations and send the answer books to the office of the Controller of Examinations (COE) on the following day		
The Examiner shall, if he / she suspects' malpractice while valuing the answer scripts or other material such as insertion of answer sheets, revealing of identity or enclosures, such as currency, shall return the answer scripts with reason in writing to the COE by name and desist from further valuation. If already valued, marks shall not be entered in the regular marks list in which the marks awarded to other candidates are furnished but enter them in a separate list which shall be enclosed in a sealed cover and forwarded to the COE. The decision pertaining to above Penalties and Punishments may be communicated to all the concerned.		

Enquiry under Malpractice Enquiry Committee (MPEC) is independent of the criminal proceedings. If any, in the appropriate court of law.

Malpractice in Internal Tests /Quizzes: If a student is involved in malpractices as defined for SEE in any course (s) during **Continuous Internal Evaluations (CIE)** such as internal tests, quizzes etc., the student's performance in that course (s) shall be considered as null and void and there will not be any re-test in that course. In addition, student will not be permitted to Drop / Withdraw that course..

Appeal against the decision of the Malpractice Enquiry Committee (MPEC):

There is a provision for the student to appeal against the decision of the malpractice enquiry committee (MPEC). Such an appeal, if any, shall be made by the student within 10 days of receiving the decision of the MPEC. The appeal shall be addressed to the Principal in writing. On receiving the appeal, the Principal will constitute an Appeal Consideration Committee and the decision of the committee is final and binding on all the concerned.

If no appeal is made, within 10 days of receiving the decision of the MPEC, the decision of the MPEC will be implemented and no further appeal will be entertained.

Confiscated items, if any, will be returned to the student concerned after the appeal period, if there are no appeals in that specific case. However, if appeals are made in any given case, confiscated items will be returned only after the decision of the Appeal Consideration Committee.

18. VERTICAL PROGRESSION

The criteria for Vertical Progression is based on University guidelines and range of minimum and the maximum credits to be earned in an academic year (inclusive of supplementary semester, if any). Hence, to facilitate the mobility of students from one College to another also from one academic year to next academic year, uniform and minimum standards shall be laid down to avoid confusion. The standards for vertical progression offered by the College are as follows:

18.1 Vertical Progression for Regular Students

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

- i) Student, with a maximum of two backlog courses (F/W/NE grades) of first year shall be eligible for taking admission to second year (III semester).
- ii) Also, student should have CGPA ≥ 5.00 at the end of the academic year.
- iii) Each credit course shall be treated as a head of passing. The mandatory non — credit courses, if any, shall not be considered for the Eligibility criterion prescribed for promotion, award of class, calculation of SGPA and CGPA. However, a pass in the above courses is mandatory before the completion of Degree.

19. RECOMMENDATIONS FOR DEGREE AWARD

- i) The College forwards its recommendations to the University in respect of students qualifying for the award of degree as per following requirements in UG/PG programs after the due approval from the statutory bodies of the college.
 - a) Students have registered for courses totalling to credits given in Table 11.5.
 - b) Should not have any grades (I, W, X, NE, NP) in any of the courses.
 - c) Should have CGPA ≥ 5.00 at the end of last semester. In case, if the students do not fulfil this requirement, then they are permitted to appear again for SEE in full or Part of the previous year theory course/s by rejecting the performance of them (other than internship, technical seminar, project and laboratory courses) for any number of times subject to the provision of maximum duration of the programme, to make up the CGPA greater than or equal to 5.00 for the award of degree.
 - d) Should have passed in all the prescribed mandatory non-credit courses.
 - e) Should not have any pending disciplinary proceedings.
 - f) Should not have dues to the institute.
- ii) The Autonomous College ensures that each such student has fulfilled all the requirements mentioned in (i) above for the Degree Award.
- iii) Only those students recommended for the award of Degree shall be entitled to receive the relevant Provisional Certificates/Transcripts from the College.

20. AWARD OF CLASS AT DEGREE LEVEL

The Master's Degree in MBA and MCA shall be awarded to the candidates who have passed all the stipulated courses including mandatory non-credit courses from 1st to 4th semesters. The following classes of results shall be declared, for a student upon graduation, considering the specified criteria. The class obtained by the student shall be inferred as per the Table 20.1:

Table 20.1: Class Declaration

Range of Grade Point Average (SGPA or CGPA)	Percentage of Marks	Class
≥ 5 and < 6.75	< 60	Second Class
≥ 6.75 and < 7.75	≥ 60 and < 70	First Class
≥ 7.75	≥ 70	First Class with Distinction

21. GRADUATION CEREMONY

- i) The College conducts annual Graduation Day ceremony for the award of provisional degrees to students completing the prescribed academic requirements in each program of study.
- ii) The College awards Ranks and Medals to the meritorious students during the Graduation Day Ceremony to encourage the students to strive for excellence.

22. AWARD OF RANKS

- i. Rank shall be awarded to a maximum of 10% of the approved student intake. However, the maximum number of ranks awarded shall not exceed 10 and not less than 3 in each program provided the minimum number of eligible candidates appearing for the examination is ≥ 10 .
- ii. Student appearing for Supplementary and any subsequent examinations in any credit or audit course/courses during the program shall not be eligible for the award of ranks.
- iii. Only students who complete the program in two consecutive years are eligible for consideration for the award of ranks.
- iv. For the award of rank the CGPA shall be calculated from 1st to 4th semesters.
- v. The basis for declaring the rank shall be the CGPA (without gracing) in the descending order of merit from the highest CGPA.
- vi. CGPA shall be calculated to the second decimal position.
- vii. Students with CGPA of ≥ 6.75 (Equivalent to First Class) or above are eligible for consideration for rank.
- viii. If two students get the same CGPA, the tie shall be resolved by considering the number of times a student has obtained higher SGPA, if it is not resolved even at this stage, the number of times student has obtained higher grades sequentially from S to E till the tie is resolved. If the tie is still unresolved, the students with similar CGPA will be awarded the same rank.

23. WITHDRAWAL/TERMINATION FROM THE PROGRAM

23.1 Temporary Withdrawal

A student may withdraw temporarily from the program on grounds like, prolonged illness, grave calamity in the family or any other genuine reason, provided that:

- i) The student applies to the college within 6 weeks of the commencement of the semester or from the date he/she last attended the classes, whichever is later, stating fully the reasons for such a withdrawal, together with supporting documents and endorsement of his/her parent/guardian.

- ii) The college is satisfied of the genuineness of the case and that, even by taking into account the expected period of withdrawal, the student has the possibility to complete the program requirements within the time limits specified by the university.
- iii) The student does not have any dues or demands at the college/university including tuition and other fees as well as library material.

23.1.1 A student availing of temporary withdrawal from the college under the above provision shall be required to pay such fees and/or charges as fixed by the College until such time as his/her name appears on the students' roll list. **However, the fees/charges once paid shall not be refunded.** Normally, a student is entitled to avail **the temporary withdrawal facility only once during his/her studentship of the program.** However, any other concession for the concerned student shall have to be approved by the Academic Council of the college. Hence, the students shall be advised by the Principal to use this provision only in exceptional cases.

23.2 Termination from the Program

A student shall be terminated from the program on the following grounds:

- i) **Successive Failures:** If a student fails (Grade F) to pass a Course and earn the credits prescribed for the Course **even after five attempts**, the admission of the student to the program shall be terminated. However, such a student can seek admission to the program afresh.
- ii) Failure to secure $CGPA \geq 5.00$ on three consecutive occasions will lead the student being asked to discontinue the program and leave the College. However, Failure to secure a $CGPA \geq 5.00$ at the end of any semester for the first time, to attract warning before approval of the student to continue in the following semester (on probation).
- iii) Failure to complete the 1st year of the program within 3 consecutive years.
- iv) Failure to meet the standards of discipline as prescribed by the Autonomous College from time to time.

24. PROFESSIONAL ETHICS

24.1 Academic Honesty and Integrity

SJEC is committed to upholding honesty, integrity and fairness in both academic and co-curricular activities. A student of SJEC shall accept and abide by the academic stipulations of the institution. It is the student's responsibility to be aware of policies pertaining to academic conduct. Academic values and standards are the shared responsibility of students, faculty and supporting staff. Academic dishonesty is any action or practice that provides the

potential for unfair advantage to an individual or a group of students. Helping to someone for an act of academic dishonesty is as serious as involving in it. A student who cheats gains unfair advantage over honest students knowingly, not reporting the dishonest act to the authorities is a crime and punishable.

24.2 Discipline and Conduct

24.2.1 Every student is required to observe discipline and decorous behavior both inside and outside the campus and not to indulge in any activity, which will tend to bring down the image of the College in the Society.

24.2.2 The following additional acts of omission and/or commission by the students within or outside the precincts of the College shall constitute gross violation of “code of conduct” punishable as indiscipline:

- i) Lack of courtesy and decorum, as well as rude and indecent behavior.
- ii) Willful damage of property in the College/Hostel or of fellow Students (vandalism).
- iii) Possession/consumption/distribution of alcoholic drinks and any kind of banned drugs.
- iv) Mutilation or unauthorized possession of library material, like books, etc.
- v) Noisy and unseemly behavior, disturbing peace in the College.
- vi) Hacking in computer systems, either hardware or software or both.
- vii) Indulging in theft and telling lies either to protect self or others.
- viii) Any other act considered by the College as gross indiscipline.
- ix) Any act of indiscipline of a student reported will be addressed by the competent authority who will decide the nature and quantum of punishment after the deliberations.

The student may appeal to the Principal for re-consideration on the action taken.

24.2.3 If a student while studying in the college is found indulging in anti-national activities contrary to the provisions of acts and laws enforced by the Government, he/she will be liable for expulsion from the college without any prior intimation.

24.2.4 Discrimination, sexual harassment and all form of violence against girls’ students and women employees are strictly banned. Such acts shall be considered as gross indiscipline and the student involved is liable for strict action as per the Government rules in force for Women Empowerment and Gender Sensitization, Sexual Harassment Act.

24.2.5 Ragging in any form is banned. Acts of ragging will be considered as gross indiscipline and will be dealt with seriously. If a student is indulged in any kind of ragging, the student is liable for strict action as per anti-ragging act of Government of India, AICTE, GoK, VTU and College regulations.

- 24.2.6** If any statement/information given by the student in connection with his/her admission is found to be false/ incorrect at any time or knowingly withholding information in any document or materials submitted to the college, his/ her admission is liable for cancellation with immediate effect and he/she is expelled from the institution forfeiting the paid fees.
- 24.2.7** Student once admitted in the college has to follow dress code as well as other instructions issued from time to time. Dress should be neat and clean. Discretion and good judgment should prevail in choosing clothes. Shorts, mini-dress, tight clothes, T-Shirt without collar and provoking dresses should be avoided.
- 24.2.8** If a student is found guilty of malpractice in examinations and overall misconduct during his/her stay in the college, he/she will be punished as per the recommendations of the committee specially constituted for the specified purpose. The maximum punishment is expulsion from the college.
- 24.2.9** Every Student admitted is issued a photo Identification Card (ID) which must be retained by the student while he or she is registered at college. The ID card remains the property of college. The student must have the valid ID card in his /her possession when the student is inside and outside the college.
- 24.2.10** No meetings or gatherings should be organized without the prior permission of the college authorities.
- 24.2.11** Circulation of unauthorized magazine, bills, and literature both in soft and hard form is prohibited.
- 24.2.12** ID cards are non-transferable. Any student who alters or intentionally mutilates an ID card or who uses the ID cards of another student or allows his/her ID card to be used by another shall be subjected to disciplinary action.
- 24.2.13** Valid ID card must be produced for identification purposes when demanded by the authorities. Refusal to provide ID card shall be subjected to disciplinary action.
- 24.2.14** Students are required to switch off mobile phones during the instructional hours in the college building, library, reading room/ academic area etc. Strict action will be taken if students do not adhere to this. All the students are instructed to inform their parents to give acute emergency messages only to the Principal's office (0824 2263753/54/55 / fax: 0824 2263751) which will be passed on to the concerned student.
- 24.2.15** Students must not bring mobile phones during the conduct of any tests and exams, possession of the mobile phones in the examination hall whether in switched on or off mode will be treated as malpractice.

25. QUALITY/STANDARD

The quality/standard of professionals is closely linked with the level of the education system. As it is now recognized that these features are essential to develop the intellectual skills and knowledge of the professionals for being able to contribute to the society through productive and satisfying careers as innovators, decision makers and/or leaders in the global economy of the 21st century, it becomes necessary that certain improvements are introduced at different stages of their education system. These requirements include:

- Selective admission of students to a program, so that merit and aptitude for the chosen technical branch or specialization are given due consideration.
- Faculty recruitment and orientation, so that qualified teachers trained in good teaching methods, technical leadership and students' motivation are available.
- Instructional/Laboratory facilities and related physical infrastructure, so that they are adequate and at the contemporary level.
- Access to good library resources and Information and Communication Technology (ICT) facilities, to develop the student's self-learning abilities.
- Adequate opportunities and facilities for the development of the student's aptitudes and attitudes so that the professionals are conscious of social /other responsibilities.

26. STUDENT'S FEEDBACK

The college obtains feedback from students on their course work and various academic activities conducted. The feedback is obtained on-line from the students at regular intervals maintaining confidentiality.

The feedback received from the students is reviewed/discussed by a committee constituted for the purpose and necessary corrective measures are taken.

27. INTERPRETATION

Any question as to the interpretation of these rules and regulations shall be decided by the Academic Council of the College, whose decision shall be final and binding on the student in the matter. The College shall also have the power to issue clarifications to remove any doubt, difficulty or anomaly, which may arise in regard to the implementation of these regulations.

:: NOTE ::

These rules and regulations may be altered/changed from time to time by the Academic Council. Failure to read and understand the rules is not an excuse.

Core Values of the Institution

SERVICE

A Josephite will keep service as the prime goal in everything that is undertaken. Meeting the needs of the stakeholders will be the prime focus of all our endeavors.

EXCELLENCE

A Josephite will not only endeavor to serve, but serve with excellence. Preparing rigorously to excel in whatever we do will be our hallmark.

ACCOUNTABILITY

Every member of the SJEC Family will be guided to deliver on assurances given within the constraints set. A Josephite will always keep budgets and deadlines in mind when delivering a service.

CONTINUOUS ADAPTATION

Every member of the SJEC Family will strive to provide reliable and continuous service by adapting to the changing environment.

COLLABORATION

A Josephite will always seek to collaborate with others and be a team-player in the service of the stakeholders.

Objectives

- Provide Quality Technical Education facilities to every student admitted to the College and facilitate the development of all round personality of the students.
- Provide most competent staff and excellent support facilities like laboratory, library and internet required for good education on a continuous basis.
- Encourage organizing and participation of staff and students in in-house and outside Training programmes, seminars, conferences and workshops on continuous basis.
- Provide incentives and encouragement to motivate staff and students to actively involve in research-innovative projects in collaboration with industry and R&D centres on continuous basis
- Invite more and more number of persons from industry from India and abroad for collaboration and promote Industry-Institute Partnership.
- Encourage consultancy and testing and respond to the needs of the immediate neighbourhood.



St Joseph Engineering College

AN AUTONOMOUS INSTITUTION

Affiliated to VTU, Belagavi | Recognised by AICTE, New Delhi

Accredited by NAAC with A+ Grade

B.E. (CSE, ECE, EEE, ME, CIV) & MBA Accredited by NBA, New Delhi

Vamanjoor, Mangaluru - 575 028, Karnataka, India

Ph: 91-824-2868100 / 2263753 / 54 / 55 / 56

FAX: 91-824-2263751 | E-mail: sjec@sjec.ac.in | Website: www.sjec.ac.in

