



ST JOSEPH ENGINEERING COLLEGE

Vamanjoor, Mangaluru - 575028, Karnataka, India



COLLEGE HANDBOOK

2019 - 2020



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ST JOSEPH ENGINEERING COLLEGE
Vamanjoor, Mangaluru 575028



The College Crest depicts St. Joseph, foster father of Jesus. By his willingness to look after Jesus, he set an example of self-negating service and obedience. As a professional carpenter, he set an example of hard work. He trained Jesus to build a sound physique in order to prepare him for the rigours of his public ministry leading to his death on the cross.

The College desires that students of St Joseph Engineering College imbibe the quality of his refined service and excel in academic life.

The college is affiliated to Visvesvaraya Technology University (VTU), Belgaum and has the approval of All India Council for Technical Education (AICTE), New Delhi. Four of our B.E programmes namely Electronics & Communication Engineering, Computer Science & Engineering, Mechanical Engineering & Electrical & Electronics Engineering are re-accredited by National Board of Accreditation, New Delhi.

IDENTITY CARD

Bonafide students of the College are issued identity cards. Every student must carry the identity card on his/her person and produce it whenever an Officer of the College demands.

IMPORTANT INFORMATION

Website	: www.sjec.ac.in
E-mail	: sjec@sjec.ac.in
Fax	: 91-824-2263751
EP BAX	: 2263753, 54, 55, 56 / 2263951, 52, 2868100
Director	: 2263065(Off/Res)
Assistant Director (Fr Alwyn)	: 2263960 (Off & Res)
Assistant Director (Fr Rohith)	: 2868189
Principal	: 2263732(Off), 96633 80761
Boys Hostel	: 2868130 (Day) / 2263753 (Night line)
Girls Hostel	: 2868160 (Day line) / 2263754 (Night line)
OBC Bank	: 0824 - 2263500
Central Computer Centre	: Extension 132
Library	: Extension 105
Maintenance	: 8971035380, Extension 111
Dispensary	: Extension 226
Counselor	: Extension 143
Placement	: Extension 124
PRO	: Extension 163
Transport	: 9241231211 / 92438 04479

PLEASE NOTE

The material presented in this calendar is for preliminary information and its correctness should be verified in the appropriate sections. The material presented here cannot be evidence in a court of law. The Government, the University and the College Authorities may lawfully change certain provisions whenever necessary. Please make appropriate enquiries.

PERSONAL DETAILS

Student's Name

Class Batch USN No.

Father's Name

Telephone No.

Mobile phone No.

Mother's Name

Telephone No.

Mobile phone No.

Hostel Block Room No.

Permanent Address

.....

..... Pincode

Local Guardian, if any.....

Address

.....

Name of Class Advisor/mentor

Blood Group Mobile No.

Health Card details: No. Valid upto

Issued by

Contact Tel Number (for emergency)



MOTTO

Service and 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

Mangaluru- 575028

Accreditation Status of BE Programmes

The National Board of Accreditation, New Delhi, has re-accredited the following BE programmes of the College:

SI No.	Name of the Programmes (UG)	Basis of Evaluation	Accreditation Status	Period of Validity
(1)	(2)	(3)	(4)	(5)
1.	Computer Science & Engineering	Tier-II Document	Provisionally Accredited	Academic years 2019-2020 to 2021-2022 i.e. upto 30-06-2022
2.	Electrical & Electronics Engineering	Tier-II Document	Provisionally Accredited	
3.	Electronics & Communication Engineering	Tier-II Document	Provisionally Accredited	
4.	Mechanical Engineering	Tier-II Document	Provisionally Accredited	

NOTE TO PARENTS CONCERNING FIRST SEMESTER

We are happy that you have admitted your child to our care. To ensure best results, we request you to cooperate with the College. Kindly emphasize the importance of regular study habits at home or in the hostel. We would like your child to be:

1. Regular to classes and lab work.
2. Be on time. Teachers may not admit late comers.
3. Be well organized in his/ her study habits and submit records on time.
4. Prepare well for each internal test.
5. Meet teachers regularly outside class and clarify doubts.
6. When absent, report to the concerned teacher when they come for the next class.
7. Dress decently and use uniform for the first two years.
8. Meet the class advisors regularly.

Parents are always welcome to visit the College on any days and be in touch with the activities. They must come personally to receive the marks card of the first internal assessment test. This is the first indication of the effort put in by the student. Your encouragement will go a long way in improving results.

Your son/daughter is assigned to a class-advisor/ mentor, a senior teacher, who will offer help and assistance. You may approach the class advisor/mentor for any related matter.

Please note that VTU insists an 85% attendance. Discourage your child from being absent. When illness is more than 3 days, kindly send a medical certificate. However, loss of attendance cannot be made up by producing a medical certificate. Students who fall ill inside the campus will be referred to Fr Muller Medical College Hospital for treatment and/ or hospitalization if necessary.

Please visit the College website regularly, you may find the photograph of your child in some activity. You are warmly invited to attend the College Day for which a formal invitation will be sent to you by post. Please do come. Kindly note that the Visvesvaraya Technological University has banned the use of mobiles in the college campus. Many parents tell us that they live far away from Mangalore and desire to speak to their ward in order to be assured of their well-being. Please note that students habitually using mobiles tend to carry them into the examination hall which may result in their exam being cancelled. We assure you that emergency calls made to the College Office, the Director, Principal and the Wardens will always be noted and urgent information will be communicated to the students.

Dear Students,

Welcome to St. Joseph Engineering College known for quality education in Engineering and Technology since its inception in the year 2002. Though this College is a Christian Minority Institution, students of all faiths are admitted here to get trained professionally and develop your personality and talents. The motto of the College is Service & Excellence. Our dedicated teachers will help you to excel in your studies, we expect that you;

- Place emphasis on regular and diligent studies.
- Train to be creative in your response to diverse situations.
- Become committed to the profession of engineering
- Reach out to the less privileged in the society with service-mindedness
- Direct your life with genuine values.

Creative thinking, analytical skills and effective communication are the tools to serve and excel. Real education is possible only when you develop self-discipline and emotional balance. Look upon the different rules and regulations of the college as tools that help you become self-disciplined. The College chapel is a place of meditation and prayer. Spend a few moments in quiet solitude here, invoking God's blessings on your life. Catholic students are urged to participate in the early morning services every day.

For the all round personality development of students, the college provides forums which plan extra-curricular and co-curricular activities. Through these Associations you will acquire leadership, skills of dealing with others, ways to organize events, to speak from a platform, to communicate effectively, to sell your ideas, to evolve consensus and develop a strong value system.

For every 13 students there is a qualified teacher in the College. You will learn a lot from their experience. Please meet them regularly outside the class hours. They are trained to deal with student's personal and emotional problem. The College also has a counsellor to help students in psychological problems. The campus minister is a person you can rely on for solving many a problem.

You are urged to stay after class hours and spend time on the playfield or in the gymnasium. It is important that you exercise your physique adequately. This is necessary to support the enormous intellectual work you are called upon to sustain. Your education here will be complete only when you take full advantage of all the facilities we offer.

The College has gone to enormous lengths to provide for you a whole lot of facilities. The college Library has more than 44,015 volumes, 25,103 E-books, above 100 technical printed journals and above 2304 online journals. For your convenience, it functions until late in the night. Internet facilities are available through Wi-fi system which enables you to get connected wherever you are in the campus. There is also a class advisor and a mentor to help a student become more effective in the way he/she functions and how well he/she organizes his/ her time-table.

Best of luck for your studies!

ANTI-RAGGING

The Government of India has made ragging a cognizable offence punishable with imprisonment. Principal is responsible for making the College ragging-free. VTU is keeping a strict vigil to prevent any sort of ragging. Under the direction of the Supreme Court of India, authorities have asked colleges to take necessary measures to prevent ragging. Students are severely warned that

- Ragging of any kind is strictly prohibited by law inside the campus and outside.
- Offenders will be dismissed from the college and the hostel and reported to the police.
- Photographs of offenders will not only be displayed on the notice board, but also published in newspapers.
- Offenders cannot appear for university Examinations.
- Names of offenders will be sent to VTU, which will record this fact in the marks card.

Please do not be misguided. There is no such thing as friendly ragging or mild ragging. All forms of ragging are de-humanizing and go against the core of the value system which our students must develop. The College will not take a lenient view of any offence of ragging.

The College has formed an Anti-Ragging Review Committee and Flying Squad to monitor Anti-Ragging activities. Apart from senior teachers and senior students as members, police authorities are also represented in the committee. Freshers are advised to make a note of their names (it is good to memorize at least a few telephone numbers) given in the following pages. Please do not hesitate to approach them. They will keep your names confidential.

Any student who becomes a victim of ragging of any kind must report to the Anti Ragging Committee without any fear and the College will take strict action.

DON'T BE AFRAID TO REPORT RAGGING

24 hrs Anti-ragging toll free help lines -1800-180-5522 & 155222

The identity of the student will be protected. The process of giving him assistance will start within 15 minutes. Complaint can be registered through email, at helpline@antiragging.net

Anti-Ragging Commitments: The government has made it mandatory for all students and their parents to submit commitments affirming that they will not involve in ragging in anyway whatsoever. Similar commitments are to be submitted in a separate set by the hostelites. The management is resolved to take all steps, as detailed in the Anti-Ragging Regulations, to curb the menace of ragging.

INTIMATION TO PARENTS OF SENIORS

This is to bring to your notice that there is an absolute ban on ragging in the College. The Supreme Court and the Govt of Karnataka prohibit any act of ragging. Exemplary punishment including filing of an FIR with the police, entry of the participation of the crime in all certification and expulsion, will be handed out to any defaulters. Any student found ragging faces expulsion from the college for a term (6 months), with payment of tuition fees for term, and a fine of Rs. 25,000/- vacating the hostel, cancelling scholarships, debarring from representing Institution in tournaments, youth festivals etc. The onus to prove innocence will be on the one accused. UGC has clarified that regulations cover the entire premises of Educational Institutions, including canteen, playground and all means of transport for students.

We request your support in this and ask you to speak to your child/ward to obey this ban completely.

Introduction of Choice Based Credit System (CBCS)

The CBCS has been mandated by the University Grants Commission and has been implemented in VTU for BE Programmes from the academic year 2015-16 onwards. The CBCS provides choice for students to select from the prescribed courses (Core, Elective and Foundation Courses). It provides for a credit system which is a systematic way of describing an educational programme by attaching credits to its components. The definition of credits in higher education systems may be based on different parameters, such as student workload, learning outcomes, entrepreneurship skills, contact hours, innovation, creativity, talents, etc.

Essentially, this is an approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses, acquire more than the required credits, and adopt an interdisciplinary approach to learning. Transformation from the traditional teacher-centered education to a student-centered education is the overall goal. CBCS provides greater flexibility with multiple exits, multiple pathways, and vertical mobility in the journey of the student.

The main objectives of CBCS are as follows:

- To provide broad based education;
- To provide students with greater flexibility in choice of courses;
- To provide students multi-disciplinary curriculum;
- To enable students to choose courses at basic/advanced level/inter-disciplinary;
- To enable students to acquire job oriented skills;
- To enable students to progress at their own pace;
- To enable highly motivated students gain extra credits;
- To bridge the gap between professional and social exposure;
- To provide a holistic education.

Accreditation of Engineering Programmes

What is Accreditation?

Accreditation is a process of quality assurance and improvement, whereby a programme in an approved Institution is critically assessed to verify that the Institution or the programme continues to meet and exceed the norms and standards prescribed by AICTE from time to time. Currently the assessment done by NBA is Outcome-based in tune with international standards set by the Washington Accord.

What are the benefits of Accreditation?

The institution, and the programmes accredited by NBA, will:

- Be identified with excellence in technical education.
- Be assured of conformity to good practices and benchmarks of global requirements.
- Be able to rate the programmes on a national platform to attract better student intake.
- Be able to appraise its strengths and weaknesses through an informed review process.
- Be eligible for receiving funds from government funding agencies.
- Be able to initiate innovative and modern methods of pedagogy.
- Be an effective facilitator of human capital to world class employers and other stakeholders.

What is the Washington Accord?

The Washington Accord, signed among six countries in 1989, is an International Agreement among bodies responsible for accrediting undergraduate engineering degree programmes. It recognizes the substantial equivalency of programmes accredited by those bodies and facilitates the mobility of engineering graduated and professionals at international level. There are at present 17 Permanent Members of the Accord, including India, represented by the NBA.

In short, the degrees obtained by students who pass out from institutions accredited under the Washington Accord will be recognized as equivalent to other degrees of member countries such as Australia, Canada, Japan, United Kingdom and United States. Such students will also be able to transfer additional credits earned in the qualifying degree to the higher degree which they might want to pursue in member countries.

What is the Outcome-Based Education?

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals (outcomes). By the end of the educational experience, each student should have achieved the goal. There is no single specified style of teaching or assessment in OBE; instead, classes, opportunities, and assessments should all help students achieve the specified outcomes. The role of the faculty adapts into instructor, trainer, facilitator, and/or mentor based on the outcomes targeted.

Outcome-based methods have been adopted in education systems around the world, at multiple levels. In an international effort to accept OBE, the Washington Accord was created in 1989. The Washington Accord countries accept undergraduate engineering degrees that were obtained using OBE methods.

Outcomes, in the educational context, are statements that describe significant and essential learning that learners have achieved, and can reliably demonstrate at the end of a course or program. In other words, learning outcomes identify what the learner will know and be able to do by the end of a course or program.

Outcome-Based Education at SJEC

At SJEC, the OBE system has been implemented since 2011. It has been fine-tuned and institutionalized through focused policy formation and training. The Expert Team of NBA which visited the college in May 2013 has lauded our efforts and encouraged us to go further in this direction. Based on that visit, NBA granted us provisional accreditation for four programs for a period of two years.

Various committees such as Industry Alumni Advisory Board (IAAB), Internal Quality Assurance Cell (IQAC), Department Advisory Board (DAB) and Program Assessment Committee (PAC), have been formed by drawing members from Industry, Alumni, Parents, Management, Faculty, Staff and Students. These committees guide and monitor the implementation of OBE in the college.

For more information regarding accreditation, outcome-based assessment and Washington Accord, please visit the NBA website: www.nbaind.org.

For more information on the process within SJEC, please visit our website: www.sjec.ac.in.

Key Elements of OBE

The key elements of the OBE process include Vision, Mission, Program Educational Objectives (PEOs), Program Outcomes (POs), and Program Specific Outcomes (PSOs). These have been defined for all the programs, by all the departments, and are presented here.

ANTI-RAGGING REVIEW COMMITTEE 2019 – 2020

Sl. No	Name of the Member	Designation	Contact No.
1.	Dr Rio D'Souza	Principal and Chairman	9663380761
2.	Mr Rudolf D'Souza	Assistant Professor – ME	9886130210
3.	Mr Franco Menezes	Assistant Professor -EE	9945538369
4.	Mr Harsha A J	Assistant Professor – Mathematics	9481582101
5.	Mr Prasad M	Assistant Professor – ECE	9900650083
6.	Ms Anusha M M	Assistant Professor – CSE	9742985039
7.	Dr Prakash Pinto	Professor & Dean – MBA	9481505974
8.	Ms Sumangala N	Assistant Professor & I/C HOD - MCA	8971036810
9.	Dr B. Radheshyam	Professor & HOD - Civil	9663043080
10.	Dr SrideviSaralaya	Associate Professor & HOD - CSE	9448823942
11.	Dr Dayakshini	Associate Professor& HOD – ECE	9845327246
12.	Mr Satisha K	Assistant Professor &I/C HOD - EEE	9945990591
13.	Dr Sudheer M	Professor & HOD– ME	9886396953
14.	Dr Vincent Crasta	Professor & HOD - Physics	9448253901
15.	Dr K Jyothi	Professor & HOD - Chemistry	9449554498
16.	Dr Ramananda H S	Professor & HOD - Mathematics	9449593558
17.	Dr Anjali Ganesh	Professor – MBA	9449180010
18.	Mr Shreenath Acharya	Assistant Professor – CSE	9964025120
19.	Dr Rachana P	Associate Professor – CSE	8075817202
20.	Dr Yajneswaran	Associate Professor – Civil	9497481974
21.	Dr Savitha H M	Professor – ECE	9449468677
22.	Dr Sheryl Colaco	Professor – EEE	9741701366
23.	Ms Bharathi Rao	Assistant Professor – EEE	9448727001
24.	Dr Raju K	Professor – ME	8123798293
25.	Dr Shreeranga Bhat	Associate Professor – ME	9480047532
26.	Dr Binu K G	Associate Professor – ME	9739866947
27.	Dr Rajesh P C	Associate Professor –Physics	9448545435
28.	Mr Rajendran K V	Security Officer & Transport Supervisor	9241231211
29.	Mr Francis D'Costa	Warden – Boys Hostel	9481847140
30.	Sr Ezilda Joseph	Warden – Girls Hostel	8411930825
31.	Mr Sidda Gouda Bajantri	Police Inspector – Vamanjoor Police Station	9480805330

ANTI RAGGING FLYING SQUAD 2019-20

SI No	Name of the Member	Designation	Contact No.
1.	Mr Rudolf D'Souza	Assistant Professor – ME	9886130210
2.	Mr Harsha A J	Assistant Professor – Mathematics	9481582101
3.	Mr Franco Menezes	Assistant Professor – EE	9945538369
4.	Mr Prasad S M	Assistant Professor – ECE	9900650083
5.	Ms Anusha M M	Assistant Professor – CSE	9742985039
6.	Mr Vinish P	Assistant Professor – MBA	8867431143
7.	Ms K Manjula	Assistant Professor – MBA	9945136180
8.	Ms Sadhana Kumble	Assistant Professor – MCA	8105983070
9.	Mr Hareesha B	Assistant Professor – MCA	9448152161
10.	Ms Renuka Tantry	Assistant Professor – CSE	9731529806
11.	Ms Vijetha U	Assistant Professor – CSE	9964668216
12.	Ms Chaithra	Assistant Professor – CSE	9743576802
13.	Ms Nisha Jenifer Roche	Assistant Professor – CSE	9731352542
14.	Mr Chitharanjan M	Assistant Professor – Civil	9686423748
15.	Mr Ajeeth B	Assistant Professor – Civil	9481539567
16.	Ms Apoorva K V	Assistant Professor – Civil	9686244006
17.	Mr Vijay Ganesh P C	Assistant Professor – ECE	9880122649
18.	Mr Anoop C V	Assistant Professor – ECE	8197667011
19.	Ms Rupal D'Souza	Assistant Professor – ECE	9482149050
20.	Mr Mahesha Y	Assistant Professor – ECE	8907075562
21.	Mr Subramanya K	Assistant Professor – EEE	9986870096
22.	Mr Rolen Rodrigues	Assistant Professor – EEE	9480661029
23.	Ms Chaithra Shetty	Assistant Professor – EEE	9742022063
24.	Mr Ashwin Shetty	Assistant Professor – MECH	9844585022
25.	Mr John Paul Vas	Assistant Professor – MECH	9481758675
26.	Mr Swaraj Lewis	Assistant Professor – MECH	8970789908
27.	Mr Chiranth B P	Assistant Professor – MECH	9742477716
28.	Mr Rahul Kumar	Assistant Professor – MECH	9663948809
29.	Mr Nitheesh D Nayak	Assistant Professor – MECH	9449650367
30.	Mr Rajesh K	Assistant Professor – Physics	9481765670
31.	Ms Smitha D'Souza	Assistant Professor – Chemistry	9743936548
32.	Mr Umashankara K	Lecturer – Mathematics	9449503319
33.	Ms Vaneesha Rodriguez	Assistant Physical Education Director	9880349541
34.	Mr Rajendran K V	Security Officer & Transport Supervisor	9241231211
35.	Mr Herald Sunil Britto	Assistant Warden – Boys Hostel	9901221868
36.	Mr Felix Santhumayor	Assistant Warden – Boys Hostel	7406971575
37.	Ms Jenifer D'Souza	Assistant Warden – Girls Hostel	9591424952
38.	Ms Rajita Almeida	Assistant Warden – Girls Hostel	9108597563

**DEDICATED CADRE OF PROFESSIONAL COUNSELORS
AND WARDEN 2019-20**

Sl. No	Name	Designation	Contact No.
1	Rev Fr Joseph A. Cardoza	Campus Counsellor	9844043729
2	Dr Prashanth Raj	Medical Officer	9845822030
3	Mr Francis D'Costa	Warden – Boys Hostel	9481847140
4	Mr Herald Sunil Britto	Assistant Warden – Boys Hostel	9901221868
5	Mr Felix Santhumayor	Assistant Warden – Boys Hostel	7406971575
6	Sr Ezilda Joseph	Warden – Girls Hostel	8411930825
7	Ms Jenifer D'Souza	Assistant Warden – Girls Hostel	9591424952
8	Ms Rajita Almeida	Assistant Warden – Girls Hostel	9108597563

ST JOSEPH ENGINEERING COLLEGE, MANGALURU

RULES AND REGULATIONS

The following Rules and Regulations are applicable to all the students of the College.

1. COLLEGE AUTHORITY:

- a. The Principal is the ultimate ‘Authority’ regarding discipline or any other matter in the College and any decision/action taken by the said Authority shall be final and binding.

2. WORKING HOURS:

- a. The College working hours are:

Monday to Saturday:

Morning Session - 9:00 am to 1:00 pm

Afternoon Session - 2:00 pm to 5:00 pm

Lunch Break –1:00 pm – 2:00 pm

- b. The College siren will be sounded 10 minutes prior to the commencement of the morning and afternoon sessions. Students shall have to occupy their seats in their respective classrooms immediately after the siren is sounded. Entry to the classrooms after the commencing time of the session is only at the discretion of the Faculty in charge of the session. Observation of strict silence during class hours is mandatory.
- c. Except for special circumstances and justifiable reasons, late-comers will not be allowed to enter the classroom, unless they obtain an ‘admit note’ from the HOD. Students are not permitted to enter or leave the classroom without the permission of the Faculty. In any case, late-comers are not entitled for attendance to the relevant session.
- d. No student shall leave the campus during class hours without the written permission from the HOD/Principal.
- e. No student shall leave the campus without written permission from the HOD/ Principal during the mid-morning session break of 20 minutes between 10.50 am and 11.10 am.

3. PAYMENT OF COLLEGE FEES:

- a. The College Fees are to be paid as per the due-date stipulated by the Management through appropriate notification. Non-payment of the fees beyond the due-date will attract penalty as specified in the notification.
- b. Tuition and other fees once paid will not be refunded. However, refund of caution deposit may be claimed after the completion of the course. Students must produce the original receipt for claiming refund of the caution deposit.

4. IDENTITY CARD AND COLLEGE DRESS CODE:

- a. It is mandatory for students to wear their Identity Card on campus. Any student found without wearing one's Identity Card will be charged a fine of Rs. 500/-.
- b. Duplicate Identity Card will be issued only in extraordinary circumstances. The student shall make a formal application establishing the loss of the original and pay a sum of Rs. 150/-for issuance of a Duplicate Identity Card.
- c. First and Second Year BE students are required to wear uniform stipulated by the College. MBA and MCA students are required to wear uniform on designated days.
- d. All students are expected to be dressed neatly and decently. Hair should be well trimmed and combed. Students shall not wear T-shirts and informal dress/casual wear on campus.
- e. Gentlemen are generally expected to be neatly shaven. In case of exceptions, prior permission must be sought from the Management.
- f. Students should wear proper footwear such as sandals/shoes on campus.
- g. Students attending Workshop or Specific Laboratories such as Chemistry/ Electrical Engineering may have to wear Workshop dress or other types of Overalls as specified by the Head of the concerned department. Students should restrict use of such dress only to the concerned workplace and should not use such dress in other circumstances.

5. ATTENDANCE AND INTERNAL ASSESSMENT

- a. Internal assessments are a part of the continuous evaluation. Three internal examinations will be conducted for BE and MBA branches and the marks of the best of two will be considered for internal assessment. Two internal examinations will be conducted for MCA. However, on written request, improvement tests may be given only to students who score below average marks.
- b. For BE students, in every semester, after the first internal test, a Progress Report will be sent to the parent/guardian within 3 weeks of the test being conducted. The said exercise is carried out so as to keep the parents/guardians informed and involved in the academic progress of their wards. Therefore, parents/guardians are requested to carefully go through the progress report and take such steps as are required to ensure that their ward improves his/her academic performance wherever necessary.
- c. It shall be the duty of the student to check the internal assessment marks displayed on the notice board. Any discrepancy in the marks shall be immediately brought to the notice of the concerned HOD. No change/modification of the marks will be made once the same are communicated to the University.
- d. Every student shall have minimum 85% attendance in every subject, which is a compulsory requirement as per VTU Regulations. Shortage of attendance in any subject will debar the student from appearing for the University Examinations. No hall-ticket will be issued to the student who has less than the above stipulated attendance in any subject.
- e. Under normal circumstances, participating in co-curricular or extra-curricular activities inside or outside the campus during working hours/days is considered as absence from classes. However, the said absence may be condoned only on production/submission of a copy of certificate of participation or a written note from the teacher/authority concerned. The maximum condonation allowed is 10% under any circumstances and is subject to the discretion of the authorities at the College and University level.
- f. Any student who absents himself/herself from attending classes shall have to justify his/her absence to the concerned HOD. Any absence for

more than 3 days on ground of ill-health shall have to be substantiated by production of a medical certificate, which shall be produced within two days of the student resuming attending regular classes. However, it is to be noted that mere production of a medical certificate will not entitle a student to get condonation for his/her absence, unless the same is acceptable to the College authorities.

- g. Students should note that University Rules and Regulations applicable to the course of study are binding with respect to attendance and internal assessment.

6. USE OF MOBILE PHONES AND OTHER ELECTRONIC DEVICES:

- a. Students shall bear in mind the purpose for which they have enrolled in the College, i.e. studying / learning. Under the circumstances, being distracted or distracting/ disturbing others during the College working hours and within the campus by using mobile phones or any other device is disapproved. Use of mobile phones is strictly forbidden inside the classrooms/within the academic blocks. No student shall use the mobile phone either for talking, texting, taking/ making/ viewing photos/ videos or for any other purpose in the classroom during class/ working hours. Students are to specifically note that any violation of this rule shall lead to confiscation of the phone/device. In addition a fine of Rs. 500/- may also be imposed on the student for contravention of this rule.
- b. Internal Disciplinary Squad is liable to raid the classrooms any time and confiscate the mobile phones/ devices. Such confiscated phones/ devices will be returned only at the end of the academic year.
- c. Safe-lockers have been provided for by the College in each/ every department for the convenience/use of students.
- d. Students have to affix their own locks to their respective lockers and the College shall not be responsible for the safety of the contents in the locker.

7. ZERO TOLERANCE POLICY ON RAGGING:

- a. It is to be noted that the College has a zero tolerance policy with regard to ragging. Ragging of any student by any student of the College either in the College Campus or elsewhere is strictly forbidden. Anyone found guilty of

ragging and/or indulging/abetting in ragging is liable to be punished as per the Regulations of the Government.

- b. The above apart, any incident of ragging will be dealt with seriously. Those found guilty of ragging will be dealt with without any leniency and will be dismissed forthwith from the College. In addition, a complaint regarding the act will also be lodged with the local Police authorities. The College shall not be responsible for any consequences that may follow once such a complaint is lodged with the Police authorities.

8. ZERO TOLERANCE POLICY REGARDING SMOKING, USE OF DRUGS AND ALCOHOL:

- a. Smoking, consuming alcohol, being in possession, using, imbibing or distribution of illicit drugs or any other psychotropic substance or alcohol on College premises/precincts or in connection with any College activity is strictly prohibited.
- b. Any offensive behavior by any student as a consequence of the above shall make the student liable for serious disciplinary action and any violation will be dealt with severely by the College Authorities, including dismissal of the student from the College. In addition, use of drugs and any other psychotropic substance constitutes a grave offence under law and possession or use of the same by any student shall be duly notified to the appropriate authorities, in which event, the student shall be wholly and solely responsible for the legal/penal consequences that may follow.

9. RESPONSIBLE USE OF SOCIAL MEDIA

- a. Students in general are expected to use social media such as WhatsApp and Facebook etc. responsibly and avoid any abuse thereof.
- b. Any vilification on the basis of race, caste, creed, religion, sex or gender identity posted on social media and the web in general will result in serious disciplinary action against those posting or forwarding such posts.
- c. Students shall not use the emblem/photo of the College in their posts/communications over social media (Facebook, WhatsApp etc.) or elsewhere, without the express permission of the College authorities.

10. COMPLIANCE FOR STUDY TOURS

- a. Study tours are conducted by the College/Departments as a part of the academic programme with the prior approval from the Management.
- b. Written consent and approval of the parents/guardians, in the prescribed form, must be submitted by all students going on study tours.
- c. A detailed program of travel, stay, places of visit, names of participants, etc. should be submitted to the Head of the Department/Principal before proceeding on any tour or excursion.
- d. Students are not permitted to organize or conduct excursions, picnics or parties without the knowledge and written consent of the Head of Department and Principal/Director. Any excursions, picnics or parties conducted by the students, on their own, without the written consent of the authorities as stated above, that too by using/misusing the name of the College, if found/discovered/coming to the knowledge of the Management, shall be dealt with severely and all those involved shall be liable for strict disciplinary action/consequences as deemed fit by the Management.

11. STUDENTS' RESPONSIBILITIES

- a. It is mandatory for the students to follow all safety regulations during laboratory practice. Due care shall be taken by the student and procedure followed under the guidance and supervision of the Laboratory Instructors/ Faculty while attending to practical studies in the laboratory. The Management shall not be responsible for any physical damage or mishap that might occur due to the negligence of the student. Any loss or damage caused to the lab equipment owing to careless handling of the equipment by / negligence of the student shall be recovered from the student.
- b. The College prohibits all and any sort of political activity on the campus.
- c. Programmes by external agencies/professional groups/paid programmes such as DJ, musical events, etc. shall not be conducted inside the campus or its immediate surroundings without the express permission of the College authorities.

- d. Students shall not invite police or media persons to the campus on their own.
- e. Fundraising of any kind by the students, on their own, is not permitted. Fundraising, for official programmes of the College, has to be carried out under proper supervision and complying with the best standards of probity and transparency.
- f. Celebrations of any nature shall not be arranged/organized by the students in the campus without written permission of the College authorities. All celebrations in the campus shall be under the supervision of the Principal or the designated staff.
- g. Students possessing vehicles which they plan to use on the campus should register their vehicles with the transport office of the College.
- h. Students will be allowed to park their vehicles only in designated parking areas within the College premises. Entry of vehicles into restricted areas is strictly prohibited.
- i. Security personnel/ designated College staff are authorized to inspect the records of the vehicles entering the campus and register the details in the Register kept at the main entrance gate of the College.
- j. Students can make use of the Grievance Redressal Cell available in the College. Complaints/grievances of students will be looked into only if they are presented through the proper channel. Collective petitions, however, will not be entertained.
- k. Students should ensure that no damage is done/destruction caused to College property. Scribbling on/defacing walls and furniture is strictly prohibited. Damage and destruction of College property will be severely dealt with and material loss, if any, will be fully recovered with fine from the student/s concerned.
- l. Students may participate in inter-collegiate competitions only with the prior written permission from the Principal.
- m. Friends of students from other institutions, and outsiders/persons not connected with the College, are required to take prior permission from the Principal by producing valid proof of identity to meet any Staff member/ any student within the college campus.

- n. Students are responsible for all their belongings. The College is not responsible for the loss of textbooks, notebooks, tiffin boxes, clothes, mobiles, laptops, money, ornaments etc of the students.
- o. Any act of disrespect/discourtesy towards any Staff Member which affects the discipline of the College will be seriously viewed and in extreme cases may be reason sufficient for warranting dismissal of student's concerned from the College. Likewise, any act considered as immoral in the opinion of the Management, grave insubordination, contempt for/to authority, willful damage to College property, malpractice in examinations etc., are also sufficient reasons for immediate dismissal of student concerned from the College.
- p. All students are considered equals and therefore students are strictly warned against discriminating any student on the basis of community, caste, creed, race, colour, religion, class, category, etc. Any sort of discrimination will result in stringent disciplinary action being taken against the erring student/s.
- q. Students who do not reside on campus shall provide the College with the details of their place of residence. Change of permanent address/contact numbers, etc. must be notified to the department concerned and the College office. Any communication/correspondence sent to the address of the student as given by him/her to the College shall be deemed to have been received by him/ her for all purposes.
- r. Students who wish to leave the College midstream for any reason will be given a TC (Transfer Certificate) and any other Certificates only on payment of all fees payable for the remaining semesters and on clearing of any other dues to the College. Any Scholarships, stipend, financial assistance or concessions given by the College to aid and assist the studies of such students shall be returned in full to the College. Failure to do so will entitle the College to recover the same by taking recourse to any Form or Forum at the risk of the student concerned as to all costs and consequences.
- s. In addition to the above, in the interest of the Institution and for the purpose of maintenance of discipline, the Principal is empowered to take any punitive action against any student for his/her act which shall be construed as a misconduct by the Management.

For the purpose of the foregoing, 'misconduct' shall mean and include, but not be limited to:

- i. Staying away from classes without sufficient reason.
- ii. Disrespectful behavior towards any Staff or student.
- iii. Provoking and inciting fellow students to mass-bunk, strike or participating in strike, dharna, mass-bunking etc.
- iv. Loitering in the verandas during free hours and / or creating disturbance to other classes in progress (Students are expected to make use of the library during free hours).
- v. Disorderly, unruly and riotous behavior in the class.
- vi. Organizing tours/excursions/picnics without the written permission of the Principal.
- vii. Organizing meetings in the College or displaying notices on the College notice board without the written permission of the HOD/Principal.
- viii. Blocking gates/doors or passages, restricting mobility of Staff and students in the College.
- ix. Involvement in manhandling, abusing or harassing fellow students.
- x. Disturbing and disrupting functions in the auditorium by shouting, howling or dancing.
- xi. Resorting to any kind of malpractice in examinations.
- xii. Collecting money from Staff or students without the written permission of the HOD/Principal.
- xiii. Distributing leaflets, hand-bills or other materials and displaying banners and posters inside the campus without prior permission of the Principal.
- xiv. Scribbling offensive, abusive or obscene words or figures on blackboards or any kind of writing/graffiti on the walls or other places in and around the College campus.
- xv. Such other acts that may be considered as misconduct by the Management.

Any violations of the above nature shall be considered with all graveness by the Management and appropriate disciplinary action will be taken against the erring student, resulting with imposing of punishments such as fines, denial of attendance, withholding of certificates, forfeiture of educational concession/scholarship and suspension or dismissal from the College.

12. PROCEDURE FOR HANDLING ALLEGATIONS OF MISCONDUCT

Objectives: The objectives of the following procedure are:

- (i) to ensure the highest level of professional conduct by the students.
- (ii) to provide a fair, deliberate, and efficient process for resolving allegations of misconduct by the students.
- (iii) to reform students found guilty of misconduct.
 - a. The Principal of the College shall be the final disciplinary authority in respect of the students in the College.
 - b. In case any student or group of students displays any misconduct, they shall incur immediate suspension from attending the classes and labs.
 - c. If the Principal is prima facie satisfied that the allegation of misconduct require further investigation/enquiry, he may refer the matter to a Disciplinary Committee constituted by him, which may comprise of the respective Head of Department, Dean - Student Welfare and such other Staff deemed competent under the given circumstances. The Principal, at his/her discretion, reserves the right to appoint a competent person as enquiry officer depending upon the case and attendant circumstances.
 - d. The Disciplinary Committee so appointed may conduct the enquiry by calling for an explanation from the student/students against whom allegations of misconduct are imputed and take oral or written statements/evidence from the student/students or any individual as is found necessary.
 - e. The Disciplinary Committee may inform the parents of the student/students about the allegations of misconduct and may involve them during the enquiry depending upon the severity of the case.
 - f. The Disciplinary Committee will give a fair and reasonable opportunity of defense to the student/students against whom the misconduct has been alleged, and on completion of the enquiry submit a report to the Principal.
 - g. On receipt of the report of the Disciplinary Committee, the Principal on considering the same may take appropriate action as he/she deems fit, which may include the imposition of the following punishments:
 - i. Submission of Assignments.

- ii. Fine or Penalty.
 - iii. Rustication/suspension for a period as deemed fit.
 - iv. Dismissal from the College.
- h. In the case of the first three types of punishments, a sustained counseling of student/students involved in misconduct by the campus counselor, with a view of reforming them, is mandated.
 - i. In the case of the first three types of punishments, the student/ students will be required to give a letter/ undertaking admitting their involvement in misconduct, their acceptance of the punishment imposed and a willingness to undergo the counseling, as required. The parents of the student/students will be required to countersign the undertaking and take active responsibility for reforming the student/students concerned.
 - j. In the event of imposing of punishment of dismissal from the College, the Principal will subsequently inform the University about the decision.

13. AMENDMENTS, APPLICABILITY AND INTERPRETATION:

- a. The Management reserves the right to amend, retract, alter or modify any of the above rules and regulations.
- b. The Rules and Regulations defined by the individual Departments and other facilities/ Committees such as College Library, College Hostels, College Bus Facility, Central Computer Center, Examination Malpractice Prevention Committee, Cultural Committee, Physical Education Committee, etc. are binding and are applicable in the specific context.
- c. In addition to the Rules and Regulations defined by College authorities, the students are further bound by the applicable rules and regulations published by University and various regulatory bodies of the Central State Government such as UGC, AICTE, etc.
- d. The Principal shall be the final authority to interpret the Rules and Regulations in the best interest of the institution and any interpretation given by them shall be binding.

14. UNDERTAKING BY STUDENTS AND PARENTS/GUARDIANS

- a. It is to be understood that the above rules and regulations are in place for the smooth functioning of the College and to ensure that the students

inculcate in themselves values that would make them productive members of the Society. Therefore, parents/guardians are requested to cooperate with the Management by ensuring that their wards are regular to their classes, attentive to their studies, maintain discipline both within and outside the College. Parent/Guardians are expected to take a personal interest in their wards' progress.

- b. Parents/guardians are expected to respond to calls/correspondence from the College authorities from time to time. In case the parents/guardians desire to meet the teachers, they may do so preferably with prior appointment and discuss the problems if any that they feel need to be solved with regard to their wards.
- c. In addition to the orientation that will be given by the Staff to the students in the class regarding these Rules and Regulations at the commencement of the semester, the parents/guardians and students are expected to go through these Rules and Regulations, understand them and follow them dutifully. Ignorance of these shall not be an excuse under any circumstances, whatsoever.
- d. All students and their parents/guardians are expected to duly fill-in the attached "Undertaking" stating that they have read and understood these Rules and Regulations. They must submit the signed undertaking to the concerned Head of Department confirming their acceptance and willingness to abide by them, within the deadline stipulated through a notification.

UNDERTAKING

NAME OF STUDENT:

USN/Roll No:

CLASS (Year/Semester and Section):

BRANCH:

I _____ bearing USN _____ hereby state that I have read and understood the Rules and Regulations given in the College Calendar and amendments to the same, notified from time-to-time. I hereby unconditionally agree to abide by all the provisions therein as long as I am a student of St Joseph Engineering College. If, for any reason whatsoever, I fail to keep up this undertaking, then action may be taken against me, as per the provisions of the said Rules and Regulations. I further state that the addresses and contact details given below are valid and active during the time of submission.

Signature of the Student

Signature of the Parent/Guardian

Date:

Name:

Relationship to Student:

Address and Contact Details for the Current Year

Complete Address of Current Residence:

(Students coming from home may give their home address. Students staying in Rental/Paying Guest Facilities should give that address here. Hostelites may mention SJEC Gents/Ladies Hostel, as applicable)

Nearby Landmark: _____

Landline Nos.:

Complete Address of Local Guardian:

(Applicable for Hostelites and Students staying in Rental/Paying Guest Facilities)

Name of the Local Guardian: _____

Address:

Nearby Landmark: _____

Landline Nos.:

Mobile No. of Student:

Email Address:

Parents'/Guardian's Contact Details:

Mobile Nos:

Email Address:

LIBRARY RULES

Students are allowed to borrow/ refer books subject to the following rules of the Library.

WORKING HOURS

	Days	Timengs
Working Days	Monday to Friday	8.00 a.m. to 8.00 p.m.
	Saturday	8.00 a.m. to 5.00 p.m.
	Sundays & Public Holidays	9.00 a.m. to 1.00 p.m.
University Examination	All Days	8.00 a.m. to 10.00 p.m.
During Vacation	Monday to Saturday	8.30 a.m. to 5.15 p.m.

LIBRARY MEMBERSHIP AND BOOK BORROWING PROCEDURE

An application for membership along with 2/4 passport and 1 stamp size photographs must be submitted. Two borrower's cards for UG and four borrower's cards for PG are given to a member. The cards are not transferable. One Borrower's Card enables the member to borrow one book at a time for which he/she is held responsible. In case of damage or loss, the member shall be required to replace it or pay double the cost.

Loss of Borrower Card and Library Membership Card shall be intimated to the Librarian in writing. Duplicate card will be issued at the cost of Rs. 10/- per Borrower Card and Rs. 100/-Library Membership Card after verification. To obtain "No Dues Certificate" from the college, members should return all the books borrowed, pay overdue charges if any and surrender the Borrower's Cards/Library Membership Card to the Library.

There is a provision to issue one overnight reference book to be returned the next day morning before 8.15 a.m. A fine of Rs.10/- for every half an hour will be imposed on those who fail to return on time.

BOOK BANK SCHEME:

Membership granted on payment of refundable deposit of Rs. 1,000/- for General Student (of which 50% is refundable) and Rs. 250/- for SC/ST student (fully refundable). Two text books will be issued for the duration of a semester and must be returned latest on the last examination day of that semester.

Strict silence must be observed in the library, reading room and the verandah leading to the library. Personal belongings like bags, books, coats, mobile, umbrella and caps etc. are not allowed into the library. Writing, drawing on the reading tables is strictly prohibited.

MANAGING COMMITTEE MEMBERS	
Director	Rev. Fr Wilfred P. D'Souza
Asst Directors	Rev. Fr Rohith D'Costa
	Rev. Fr Alwyn Richard D'Souza
Principal	Dr Rio D'Souza, B.E., M.Tech, ADAB, Ph.D.
HR Manager	Mr Rakesh Thomas Lobo, EMBA, MSW

COLLEGE ASSOCIATIONS & COMMITTEES

Sl. No.	Committee	Faculty Coordinators
1.	Culture and Media Group Cultural Activities College Magazine Press & Media Social Media	Ms Supriya Salian, Asst Prof, CSE Ms Eden Sequeira, Asst Prof, CSE Mr Poornesh M, Asst Prof, Mech Mr Ragesh Raju, Asst Prof, MCA Ms Smitha D'Souza, Asst Prof, Chem
2	Library and Learning Group Library Advisory E-Learning Teaching Learning Center	Ms Sumangala N, I/C HOD & Asst Prof, MCA Ms Prathima S., Asst Prof, Chem Mr Anoop C V, Asst Prof, ECE
3	Sports and Community Group Sports Advisory Community Engagement Eco-Club NSS and Red Cross	Mr Ajithanjaya Kumar, Asst Prof, EEE Ms Rachana Crasta, Asst Prof, Maths Mr Ashwin Shetty, Asst Prof, Mech Mr Rajesh K, Asst Prof, Physics
4	Discipline and Equity Group Disciplinary Anti –Ragging Jagruti (Prevention of Sexual Harassment) SC/ST Cell	Mr Rudolf D'Souza, Asst Prof, Mech Mr Franco Menezes, Asst Prof, EEE Mr Prasad S M, Asst Prof, ECE Mr Harsha A J, Asst Prof, Maths Ms Anusha M M, Asst Prof, CSE
5	Academics and Examination Group Academic Advisory Examination EMS Coordination	Dr Vincent Crasta, HOD & Prof, Physics Dr Jagadeesha B, Assoc Prof, Maths Mr Gururaj S, Asst Prof, MCA Dr Rajkiran Ballal, Prof, EEE

6	Professional Societies Group ISTE College Chapter IEEE SJEC Chapter AICUF College Unit IE(I) College Chapter	Mr Prashant Kurdekar, Asst Prof, Civil Engg Ms Rashmi Halemane, Asst Prof, ECE
7	Placement and Training Group Placement Training, V-ACT I-Point Tinkering and Engg Exploration Labs Collaborations	Dr Shakila B, Asst. Prof., MBA Mr Vijay Ganesh, Asst Prof, ECE Mr Joel D'Mello, Asst Prof, Mech
8	Development and Planning Group Development Projects Administrative Office & Campus Planning Central Computer Center Advisory	Dr Binu K G, Assoc Prof, Mech Dr Yajneswaran, Assoc Prof, Civil Engg Mr Vinish P, Asst Prof, MBA Mr Govinda Krishna, Asst Prof, Civil Engg
9	Research and Facilities Group Research Centre Research Publications Assessment Research Proposals Virtual Labs MathWorks LabView	Dr Sandhya Das, Assoc Prof, ECE Dr Rachana P, Assoc Prof, CSE Dr Usha Divakarla, Assoc Prof, CSE Dr Jagadeesha R Bhat, Assoc Prof, ECE
10	Industry and Innovation Group Industry Interaction Cell Entrepreneurship Development Cell Innovation Club Challenge@SJEC KSCST	Mr Sathyendra Bhat, Asst Prof, MCA Mr Yathish Kumar, Asst Prof, Mech Mr Rohan Pinto, Asst Prof, ECE
11	Quality and Governance Group Quality Assurance Governance and Regulations Autonomy Preparation	Dr Shreeranga Bhat, Assoc Prof, Mech Ms Reshma K J, Asst Prof, ECE
12	Student Welfare and Alumni Group Student Welfare Student Amenities Mentoring and Counselling Grievance Redressal Alumni Affairs	Dr Sudheer M, HOD & Prof, Mech Ms Evita Coelho, Asst Prof, CSE Mr Keith Fernandes, Asst Prof, ECE

RESEARCH CENTRES

Research Centres	Guides
Physics	Dr Vincent Crasta, B.Sc, M.Sc, PGDCA, Ph.D, MISTE. Dr Rajesh Kumar P.C, B.Sc, M.Sc, Ph.D
Chemistry	Dr K Jyothi, B.Sc., M.Sc., Ph.D., MISTE
Mathematics	Dr Ramananda H S, B.Sc., M.Sc, MISTE Ph.D Dr Jagadeesha B., B.Sc., M.Sc, Ph.D
Computer Science & Engineering	Dr Rio D'Souza, B.E., M.Tech., ADAB, Ph.D. Dr Sridevi Saralaya, AMIE., M.Tech, MISTE, Ph.D Dr Kavitha K. Mahesh, B.Sc., MCA, Ph.D Dr Usha Divakarla, B.E., M.Tech, Ph.D Dr Rachana P., B.Tech., M.E, Ph.D
Mechanical Engineering	Dr Raju K, B.E., M.Tech, Ph.D, MISTE Dr Sudheer M. B.E, M.Tech, Ph.D, MISTE Dr James Valder, B.E., M.Tech, Ph.D Dr Purushothama Chippar, B.E., M.E., Ph.D. Dr Shreeranga Bhat, B.E., M.Tech, Ph.D Dr Binu K G, B.E., M.Tech, Ph.D Dr Suma Bhat, B.E., M. Tech, Ph.D Dr Jayavardana M L, B.E., M.Tech, Ph.D
Electrical & Electronics Engineering	Dr Sheryl Grace Colaco, B.E., M.Tech, Ph.D, MISTE Dr Rajkiran Ballal I, M.E., Ph.D.
Civil Engineering	Dr B. Radheshyam, B.E., M.S., Ph.D. Dr Yajnheswaran B., B.E., M.Tech, Ph.D.
Electronics & Communication Engineering	Dr Savitha H.M., B.E., M.Tech., Ph.D , M.I.S.T.E Dr Dayakshini, B.E., M.Tech., MISTE, Ph.D. Dr Sandhya Dass, B.E., M. Tech, Ph.D Dr Jagadeesha R.B., B.E., M.Tech, Ph.D
Business Administration	Dr. Prakash Pinto, B.Com,M.Com,MBA, PGDIM, PGDFM, Ph.D. Dr. Anjali Ganesh, B.Com, M.Com, MBA, PGDHA, DMLT, Ph.D. Dr Babitha Rohit, BBM, MBA, Ph.D Dr Shakila B, B.Com.,M.Com.,M.Phil. Ph.D

DEPARTMENT OF MECHANICAL ENGINEERING

B.E., M.Sc (Engg) by Research and Ph.D Programmes

Vision

To be a value based department committed to excellence in teaching and research, nurturing technically competent and socially responsible engineering professionals.

Mission

1. Providing state-of-the art technical knowledge in Mechanical Engineering.
2. Promoting research, education and training in frontier areas of Mechanical Engineering.
3. Facilitating faculty development through quality improvement programmes.
4. Initiating collaboration with industries, research organizations and institutes for internship, joint research and consultancy.
5. Instilling social and ethical values in students, staff and faculty through personality development programmes.
6. Developing innovation in engineering and technology in order to provide beneficial service to the local community.

Program Educational Objectives (PEOs)

- PEO 1:** Have sound foundation in mathematical, scientific and engineering concepts necessary to formulate, solve and analyze engineering problems.
- PEO 2:** Possess the ability to work as part of teams on multidisciplinary projects.
- PEO 3:** Excel in professional ventures with successful careers in industry that meet the needs of national and multinational organizations.
- PEO 4:** Exhibit qualities of lifelong learning, professional ethics, and social concerns.

Program Outcomes (POs)

Graduates of the Mechanical Engineering program are able to

1. Apply the basic knowledge of mathematics, science, thermal, design, manufacturing engineering.
2. Identify, formulate and solve mechanical engineering problems.
3. Design a mechanical system that meets desired specifications and requirements.
4. Design and conduct experiments, analyze and interpret data, and report results.
5. Apply modern engineering software tools and equipments to analyze mechanical engineering problems.
6. Apply engineering solutions in global and societal context.

7. Understand the impact of engineering on society and demonstrate awareness of contemporary issues.
8. Understand the professional and ethical responsibilities.
9. Work in a team of core competence or multidisciplinary teams.
10. Communicate effectively in both verbal and written forms.
11. Apply financial and project management skills in their professional ventures.
12. Demonstrate inquisitiveness, novelty in thoughts and zeal towards lifelong learning.

Program Specific Outcomes (PSOs)

Graduates of the Mechanical Engineering program are able to

1. Gain competence to face various competitive examinations and succeed in seeking best opportunities in the corporate world and higher studies.
2. Take up research programmes on contemporary areas of Mechanical engineering

TEACHING STAFF		
Name	Designation	Qualification
Dr Raju K.	Professor	B.E., M.Tech, Ph.D. MISTE
Dr Sudheer M.	Professor & HOD & Dean, SW & Head Research	B.E., M.Tech, Ph.D MISTE
Dr Purushothama Chippar	Professor	B.E, M.E., Ph.D.
Dr Shreeranga Bhat	Professor	B.E. M.Tech, Ph.D
Dr James Valder	Associate Professor	B.E., M.Tech, Ph.D
Dr Binu K. G.	Associate Professor & Chief Coordinator - Development Projects	B.E., M.Tech, Ph.D MISTE
Dr Suma Bhat	Associate Professor	B.E., M. Tech, Ph.D
Dr Jayavardana M L	Associate Professor	B.E., M. Tech, Ph.D
Mr Sampath Kumar B.	Assistant Professor	B.E., M. Tech, MIE, MISTE
Mr Prashanth Kumar	Assistant Professor	B.E., M. Tech, (Ph.D)
Mr Rolvin Sunil D'Silva	Assistant Professor	B.E., M. Tech, MISTE (Ph.D.)
Mr Prathviraj H.	Assistant Professor	B.E, M. Tech, MISTE

Mr Noel Deepak Shiri	Assistant Professor	B.E M.Tech
Mr Ravikantha Prabhu	Assistant Professor	B.E. M.Tech (Ph.D.)
Mr Sushanth Gowda	Assistant Professor	B.E, M.Tech (Ph.D.)
Mr Chiranth B.P.	Assistant Professor	B.E., M.Tech (Ph.D.)
Mr Sharun Mendonca	Assistant Professor	AMIE M.Tech (Ph.D.)
Mr John Paul Vas	Assistant Professor	B.E, M.Tech
Mr Pavana Kumara B.	Assistant Professor	BE, M.Tech (Ph.D.)
Mr Swaraj Dominic Lewis	Assistant Professor	BE, M.Tech (Ph.D.)
Mr Rudolf D'Souza	Assistant Professor & Workshop Suptd	B.E. M.Sc.Engg.
Mr Ashwin Shetty	Assistant Professor	B.E.M.Tech
Mr Vinoothan Kaliveer	Assistant Professor	B.E.M.Tech
Mr Yathish Kumar K	Assistant Professor	B.E. M.Tech
Ms Ramya M.	Assistant Professor	B.E., M.Tech
Mr Vijay V.S.	Assistant Professor	B.E., M.Tech, (Ph.D.)
Mr Rahul Kumar	Assistant Professor	B.E., M.Tech
Mr Poornesh M.	Assistant Professor	B.E., M.Tech
Mr Joel Antony D'Mello	Assistant Professor	B.E, M.Tech
Mr Alister Gleason D'Souza	Assistant Professor	B.E. M.Tech
Mr Santhosh H.	Assistant Professor	B.E., M.Tech
Mr Nitheesh D. Nayak	Assistant Professor	B.E., M.Tech
Mr Akshay N.H.	Assistant Professor	B.E., M.Tech
Mr Canute Sherwin	Assistant Professor	B.E, M.Tech
Mr Jinu Mathew	Assistant Professor	B.E M.Tech
Mr Raghavendra Prasad S.A.	Assistant Professor	B.E M.Tech
Mr Santhosh H.	Assistant Professor	B.E., M.Tech
Mr Nitheesh D. Nayak	Assistant Professor	B.E., M.Tech
Mr Subba Rao	Adjunct Professor	AIME, BOE
Mr Naresh Ramdas Kini H	Adjunct Professor	B.E., MBA

TECHNICAL STAFF

Name	Designation	Qualification
Mr James Manoj Mascarenhas	Foreman	BE
Mr. Christophper Cutinho	Lab Instructor	Diploma

Mr. Janardhan Acharya	Lab Instructor	Diploma
Mr Harshith	Lab Instructor	Diploma
Ms Jayashri	Lab Instructor	Diploma
Mr Rajesh	Lab Instructor	Diploma
Mr Rajesha	Lab Instructor	Diploma
Mr Gunakara	Lab Instructor	Diploma
Mr Immanuel Jayakar Amanna	Lab Assistant	Diploma
Mr Vathan Kumar	Lab Assistant	Diploma
Mr Praveen George D'Souza	Lab Technician	ITI
Mr Preethesh	Lab Technician	ITI
Mr Pranoy Xavier D'Cunha	Lab Technician	ITI
Mr Bhaskar	Jr. Technician	Diesel Mechanic & Automobile servicing

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING B.E., M.Tech, M.Sc (Engg) by Research and Ph.D Programmes

Vision

To be recognized as a centre of excellence in computer and allied areas with quality learning and research environment.

Mission

1. Prepare competent professionals in the field of computer and allied fields enriched with ethical values.
2. Contribute to the Socio-economic development of the country by imparting quality education in computer and Information Technology.
3. Enhance employability through skill development.

Program Educational Objectives (PEOs)

- PEO 1:** To impart to students a sound foundation and ability to apply engineering fundamentals, mathematics, science and humanities necessary to formulate, analyze, design and implement engineering problems in the field of computer science.
- PEO 2:** To develop in students the knowledge of fundamentals of computer science and engineering to work in various related fields such as network, data, web and system engineering.
- PEO 3:** To develop in students the ability to work as a part of team through effective communication on multidisciplinary projects.
- PEO 4:** To train students to have successful careers in computer and information

technology industry that meets the needs of society enriched with professional ethics.

PEO 5: To develop in students the ability to pursue higher education and engage in research through continuous learning.

Program Outcomes (POs)

By the end of the undergraduate programme in CSE, graduates will be able to:

1. Apply knowledge of mathematics, science, engineering fundamentals, computer science and engineering to solve complex engineering problems.
2. Identify, formulate, research literature, and analyze complex engineering problems in reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.
4. Conduct investigations of complex problems using research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development.
8. Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, give and receive clear instructions.
11. Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

12. Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

By the end of the undergraduate programme in CSE, graduates will be able to:

1. Understand the principles underlying entrepreneurship and the requirements to initiate a startup in the IT or related domains.
2. Participate effectively in competitive examinations related to certification, career growth and admission to higher studies.

TEACHING STAFF		
Name	Designation	Qualification
Dr Rio D'Souza	Professor & Principal	B.E., M.Tech, ADAM, Ph.D.
Dr Sridevi Saralaya	Associate Professor & HOD	AMIE., M.Tech, MISTE, Ph.D
Dr Kavitha K. Mahesh	Associate Professor	B.Sc., MCA, Ph.D
Dr Usha Divakarla	Associate Professor	B.E., M.Tech, Ph.D
Dr Rachana P.	Associate Professor	B.Tech., M.E, Ph.D
Mr. Shreenath Acharya	Assistant Professor	B.E., M.Tech, MISTE (Ph.D.)
Ms. Sunitha Guruprasad	Assistant Professor	B.E, M.Tech (Ph.D.)
Ms. Smitha V. George	Assistant Professor	B.E., M.Tech
Ms. Supriya Salian	Assistant Professor	B.E., M.Tech
Ms. Gayana M.N.	Assistant Professor	B.E., M.Tech
Ms. Supreetha R.	Assistant Professor	B.E., M.Tech
Ms. Renuka Tantry	Assistant Professor	B.E., M.Tech
Ms. Vijetha U	Assistant Professor	B.E., M.Tech
Ms. Evita Coelho	Assistant Professor & Chairperson AR	B.E., M.Tech
Mr. Gerald Harry Fernandes	Assistant Professor	B.E., M.Tech
Ms Lavina Jean D'Silva	Assistant Professor	B.E., M.Tech
Ms Anusha M.M.	Assistant Professor	B.E., M.Tech
Ms Pramila Madhava	Assistant Professor	B.E., M.Tech
Ms Sona Mundody	Assistant Professor	B.E., M.Tech
Ms Chaithra	Assistant Professor	B.E., M.Tech
Ms Nisha Jenifer Roche	Assistant Professor	B.E., M.Tech

Ms Eden Jesleen Sequeira	Assistant Professor	B.E., M.Tech
Ms Babitha	Assistant Professor	B.E., M.Tech
Ms Soumya	Assistant Professor	B.E., M.Tech
Ms Divya S.	Assistant Professor	B.E., M.Tech
Mr Tyson Baptist D'Cunha	Assistant Professor	B.E., M.Tech
Ms Spruthy Maria Pais	Assistant Professor	B.E., (M.Tech)
Ms Archana V.	Assistant Professor	B.Tech, M.Tech
Ms Mamatha	Assistant Professor	B.E, M.Tech
Ms Archana Rao P N	Assistant Professor	B.E, M.Tech

TECHNICAL STAFF

Name	Designation	Qualification
Ms Sandhya Rani	Asst. System Administrator	Diploma
Ms Theresa Reshma Pinto	Lab Instructor	Diploma
Ms Divya B.	Lab Instructor	Diploma
Ms Mamitha U	Lab Instructor	Diploma
Ms Nikhitha Shetty	Lab Instructor	Diploma
Ms Pavithra	Lab Instructor	Diploma
Ms Swapna	Lab Instructor	Diploma
Ms Divya P.	Lab Instructor	Diploma
Mr Jithesh	Lab Instructor	Diploma
Ms Nishmitha	Lab Instructor	Diploma

CENTRAL COMPUTER CENTRE

Name	Designation	Qualification
Mr Hareesh B.	Assistant Professor & Incharge	BIT,MCA
Mr. Lokesh Suvarna	System Administrator	BA, Adv DCA
Mr. Keerthi D'Souza	Lab Instructor	BCA
Mr. Ashley Mario Dias	Asst. Lab Technician	Diploma in Basic Ele. And AT
Ms Chaithra	Lab Instructor	Diploma
Mr Manish M.K.	Lab Instructor	Diploma

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

B.E., M.Tech., M.Sc (Engg) by Research and Ph.D Programmes

Vision

To Excel in Electronics and Communication Engineering Education and Research, focusing on the needs of Industry and Society, with professional ethics

Mission

1. Provide opportunities to deserving students for quality professional education in the field of Electronics and Communication.
2. Design and deliver curricula to meet the changing needs of industry through student centric learning methodologies to excel in their profession.
3. Recruit, Nurture and Retain best faculty and technical manpower.
4. Consolidate the state-of-art infrastructure and equipment for teaching and research activities.
5. Promote all round personality development of the students through interaction with alumni, academia and industry.
6. Strengthen the Educational Social Responsibilities of the institution.

Program Educational Objectives (PEOs)

PEO 1: To provide students with the solid foundation in mathematical, scientific, Electronics and Communication engineering to analyze data and technical concepts for application to product design and also to pursue higher education.

PEO 2: To train students with good scientific and engineering breadth, including proficiency in software language and use of latest software tools so as to comprehend, analyze, design and create novel products and solutions for the real life problems.

PEO 3: To develop skills in students for successful careers in industry that meet the needs of Indian and multinational companies, through rigorous education

PEO 4: To inculcate in students professional and ethical attitude, effective communication skills and teamwork, multidisciplinary approach, and an ability to relate engineering issues to broader social context.

PEO 5: To provide students with an academic environment to become aware of excellence, leadership, written ethical codes and guidelines, and the life-long learning needed for a successful professional career.

Program Outcomes (POs)

Engineering Graduate shall be able to

1. Apply knowledge of mathematics, science and engineering fundamentals, and

Electronics and Communication Engineering for the solution of engineering problems.

2. Identify, formulate and solve engineering problems.
3. Design electronic systems, components or processes to meet desired specifications within realistic constraints of economic and environmental standards.
4. Design and conduct experiments, as well as to analyze and interpret data pertaining to electronic systems.
5. Use computer aided software tools and techniques for solving electronics and communication engineering problems.
6. Demonstrate awareness of contemporary engineering problems.
7. Apply engineering solutions in societal and environmental context.
8. Understand professional and ethical responsibility.
9. Function within multidisciplinary teams.
10. Communicate effectively in terms of system specifications within the team.
11. Demonstrate the understanding of management principles as applied to the specified work and apply this knowledge to manage the projects as a member and leader in a team.
12. Continue the education in self-learning mode.

Program Specific Outcomes (PSOs)

Engineering Graduate shall be able to

1. Participate and succeed in competitive examinations.
2. Understand technological advances in industry through Industry Interaction.

TEACHING STAFF		
Name	Designation	Qualification
Dr Savitha H.M.	Professor	B.E., M.Tech., Ph.D , M.I.S.T.E
Dr Dayakshini	Associate Professor & HOD	B.E., M.Tech., MISTE, Ph.D.
Dr Sandhya Dass	Associate Professor	B.E., M.Tech, Ph.D
Dr Jagadeesha R.B.	Associate Professor	B.E., M.Tech, Ph.D
Mr Rohan Pinto	Assistant Professor	B.E., M.Tech, (Ph.D.)
Ms Nandini Maninarayana	Assistant Professor	B.E., M.Tech, MISTE (Ph.D.)

Ms Vijayalaxmi H .M.	Assistant Professor	B.E., M.Tech, MISTE (Ph.D.)
Ms Reshma K . J.	Assistant Professor	B.E. M.Tech
Ms Shama B.N.	Assistant Professor	B.E. , M.Tech. (Ph.D.)
Ms Jennifer Charlotte Saldanha	Assistant Professor	B.E., M.Tech. (Ph.D.)
Ms Preetha D'Souza	Assistant Professor	B.E. M.Tech
Mr Prasad S M	Assistant Professor	B.E. M.Tech
Ms Rashmi Halemane	Assistant Professor	B.Tech., M.Tech
Mr Vijay Ganesh PC	Assistant Professor	B.E, M.Tech
Ms Avila Priya Pinto	Assistant Professor	B.E., M.Tech
Ms Deepthi S.R.	Assistant Professor	B.Tech, M.Tech
Ms Chaitra U.R.	Assistant Professor	B.E., M.Tech
Ms Rupal Mayo Diline D'Souza	Assistant Professor	BE , M.Tech
Ms K. Aarya Shri	Assistant Professor	AMIE, M.Tech
Mr Anoop C.V.	Assistant Professor	B.Tech , M.Tech
Mr Keith Raymond Fernandes	Assistant Professor	B.E., M.E.
Ms Padmini Bhat	Assistant Professor	B.E.. M.Tech (Ph.D.)
Ms Jayalakshmi K.P.	Assistant Professor	B.Tech, M.Tech
Mr Mahesha Y.	Assistant Professor	B.Tech, M.Tech
Ms. Priya Seema Miranda	Assistant Professor	B.E., M.Tech
Ms Sadhika Shetty	Assistant Professor	B.E, M.Tech
Ms Vinitha Pasanha	Assistant Professor	B.E., M.Tech

TECHNICAL STAFF

Name	Designation	Qualification
Ms Bhagya	Lab Instructor	Diploma
Ms Divya K V	Lab Instructor	Diploma
Ms Saritha	Lab Instructor	Diploma
Ms Radhika P.D.	Lab Instructor	Diploma
Ms Divya D.	Lab Instructor	Diploma, AIME
Ms Rajitha K.R.	Lab Instructor	Diploma
Ms Harshitha Devadiga	Lab Instructor	Diploma
Mr Lohith Kumar	Lab Instructor	Diploma
Mr Deekshith C. H.	Lab Technician	ITI

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

B.E., M.Sc (Engg) by Research and Ph.D Programmes

Vision

Excel in Electrical Engineering Education and Research

Mission

1. Provide and maintain an environment designed to ensure quality Electrical Engineering education.
2. Design and deliver add-on curricula to existing VTU syllabus to ensure compatibility with national and global needs.
3. Provide holistic personality development of the students through interaction with Industry, academia and alumni.
4. Consolidate state-of-art laboratories for teaching and research activities

Program Educational Objectives (PEOs)

PEO 1: To develop necessary skills in students for successful careers through rigorous education and appreciation for the life-long learning needed to maintain competency.

PEO 2: To provide students with the solid foundation in mathematical, scientific and electrical engineering to analyze data and extract relevant information for application to product design and pursue higher education.

PEO 3: To train students with good scientific and engineering breadth, including proficiency in software language and use of latest software tools so as to comprehend, analyze, design and create novel products and solutions to current problems.

PEO 4: To inculcate in students professional and ethical attitude, effective communication skills, teamwork skills, multidisciplinary approach, and an ability to relate engineering issues to broader social context.

Program Outcomes (POs)

E&E Engineering Graduates will be able to:

1. Engineering knowledge: apply the knowledge of mathematics, science, engineering fundamentals and Electrical engineering to solve complex engineering problems.
2. Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified

needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

4. Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
12. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

Program Specific Outcomes (PSOs)

E&E Engineering Graduates will be able to:

1. Make use of modern simulation software & hardware tools and techniques to analyze, present and solve Electrical Engineering problems.
2. Develop entrepreneurial skills through Industry-Institute interactions by activities related to personality development and financial management.

TEACHING STAFF		
Name	Designation	Qualification
Dr Sheryl Grace Colaco	Professor	B.E., M.Tech, Ph.D, MISTE
Dr Rajkiran Ballal I	Professor	B.Tech., M.E., Ph.D.
Mr Sathisha K.	Assistant Professor & I/C HOD	B.E., M.Tech., MISTE (Ph.D.)
Mr Ajithanjaya Kumar M.K.	Assistant Professor	B.E., M.Tech, MISTE (Ph.D.)
Ms Bharathi A. Rao	Assistant Professor	B.E., M.Tech, MISTE (Ph.D.)
Mr Deepesh Kanchan	Assistant Professor	B.E., M.Tech
Ms Divya K. Pai	Assistant Professor	B.E., M.Tech
Mr Subramanya	Assistant Professor	B.E. M.Tech
Mr Franco Aldrin J Menezes	Assistant Professor	B.E. M.Tech.
Mr Rolen Lionel Rodrigues	Assistant Professor	B.E. M.Tech.
Ms Mayuri R.	Assistant Professor	B.E., M. Tech
Ms Chaithra Shetty	Assistant Professor	B.E., M. Tech
Mr Sanath Saralaya	Assistant Professor	B. E., M. Tech, (Ph.D.)

TECHNICAL STAFF		
Name	Designation	Qualification
Mr Maxim D'Souza	Foreman	BE
Ms Priya A.	Lab Instructor	Diploma
Mr Raghu R.	Lab Instructor	Diploma
Ms Shailaja B.	Lab Instructor	Diploma
Mr Melwyn Prakash Miranda	Technician	ITI

DEPARTMENT OF CIVIL ENGINEERING

B.E. and Ph.D Programmes

Vision

To impart technical education and nurture research in Civil Engineering to meet the needs of the society.

Mission

1. Deliver curricula for students to meet the local, national and global demands of industry, society and research.

2. Strengthen the skills of students through interaction with industry.
3. Promote research and consultancy in all aspects of Civil engineering.
4. Provide skilled training in emerging aspects of design and construction.
5. Develop in students and staff the spirit of innovation and professional ethics.

Program Educational Objectives (PEOs)

- PEO 1:** To impart to students in depth knowledge of Civil Engineering subjects to solve practical problems using modern techniques.
- PEO 2:** To develop in students the ability to plan, analyze, design and construct structures from the foundation to the superstructure level with cost-effective design methods.
- PEO 3:** To develop in students the ability for successful careers as entrepreneurs and to pursue research.
- PEO 4:** To enable in students the ability to identify issues related to the environment and find suitable solutions.
- PEO 5:** To train students to understand the ethical responsibility of Civil Engineering profession and apply relevant code for engineering practice while delivering service to the nation.

Program Outcomes (POs)

Graduates of the Civil Engineering program are able to

1. Engineering Knowledge: Apply the basic knowledge of mathematics, science, engineering fundamentals, and Civil engineering to solve complex engineering problems.
2. Problem Analysis: Identify, formulate, research literature, and analyze complex engineering problems in reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. Design/ Development of Solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural, societal and environmental consideration.
4. Conduct investigations: conduct investigations of complex problems using research based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
5. Modern Tool Usage: create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and

modeling to complex engineering activities with an understanding of the limitation.

6. The Engineer and Society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.
7. Environment and Sustainability: Understand the impact of engineering on society and demonstrate awareness of contemporary issues.
8. Ethics: Understand the professional and ethical responsibilities.
9. Individual and Team Work: Work in a team of core competence or multidisciplinary teams.
10. Communication: Communicate effectively in both verbal and written forms.
11. Project Management and Finance: Understand the values of life-long learning.
12. Life-long Learning: Apply financial and project management skills in their professional ventures.

Program Specific Outcomes (PSOs)

1. Explore domain knowledge in order to solve real-time field challenges, and to pursue research in novel areas of Civil engineering.
2. Qualify in the competitive examinations and succeed in obtaining opportunities in the public and private sectors.

TEACHING STAFF		
Name	Designation	Qualification
Dr B. Radheshyam	Professor & HOD	B.E., M.S., Ph.D.
Dr Yajneswaran B.	Associate Professor	B.E., M.Tech, Ph.D.
Mr Govinda Krishna	Assistant Professor	BE, M.Tech (Ph.D.)
Ms Bhavya	Assistant Professor	B.E., M.Tech (Ph.D.)
Mr Manjunath B.	Assistant Professor	B.E., M.Tech (Ph.D.)
Ms Apoorva K. V.	Assistant Professor	B.E., M.Tech
Mr Prashanth Kurdekar	Assistant Professor	B.E., M.Tech (Ph.D.)
Mr Sachin U.	Assistant Professor	B.E., M.Tech
Mr Chitharanjan M.	Assistant Professor	B.E., M.Tech
Mr Vijay H.	Assistant Professor	B.E., M.Tech
Ms Vani D.	Assistant Professor	B.E., M.Tech
Mr Ajeeth B.	Assistant Professor	B.E., M.Tech
Mr Bhaskar S.	Assistant Professor	B.E., M.E. (Ph.D.)

TECHNICAL STAFF		
Name	Designation	Qualification
Mr Fabian Santosh Stanislaus Vaz	Lab Instructor	Diploma
Ms Ashwitha	Lab Instructor	Diploma
Ms Pooja	Lab Instructor	Diploma

DEPARTMENT OF PHYSICS
B.E. and Ph.D Programmes

TEACHING STAFF		
Name	Designation	Qualification
Dr. Vincent Crasta	Professor & HOD	B.Sc., M.Sc, PGDCA, Ph.D.,MISTE
Dr. Rajesh Kumar P.C.	Associate Professor	B.Sc., M.Sc, Ph.D.
Mr. Rajesh K.	Assistant Professor	B.Sc M.Sc.(Ph.D.)
Ms. Olivia Sequeira	Assistant Professor	B.Sc, M.Sc.
Ms. Venita Navya Monteiro	Assistant Professor	B.Sc, M.Sc.

TECHNICAL STAFF		
Name	Designation	Qualification
Ms Asha Pushparaj	Lab Staff	PUC

DEPARTMENT OF CHEMISTRY
B.E. and Ph.D Programmes

TEACHING STAFF		
Name	Designation	Qualification
Dr. K. Jyothi	Professor & HOD	B.Sc., M.Sc., Ph.D., MISTE
Ms. Pramila Rita D'Souza	Assistant Professor	B.Sc, M.Sc, MISTE (Ph.D.)
Ms. Prathima S.	Assistant Professor	B.Sc., M.Sc (Ph.D.)
Ms. Sheethal Tresa Fernandes	Assistant Professor	B.Sc., M.Sc
Ms Smitha Maria D'Souza	Assistant Professor	B.Sc , M.Sc , B.Ed

TECHNICAL STAFF		
Name	Designation	Qualification
Mr. Nataraj Devadiga	Lab Assistant	B.Sc

DEPARTMENT OF MATHEMATICS
B.E. and Ph.D Programmes

TEACHING STAFF		
Name	Designation	Qualification
Dr. Ramananda H.S.	Professor & HOD	B.Sc., M.Sc, MISTE Ph.D
Dr. Jagadeesha B.	Associate Professor	B.Sc., M.Sc, Ph.D
Ms. Aleyamma George	Assistant Professor	B.Sc., B.Ed, M.Sc.
Ms. Prathibha K.N.	Assistant Professor	B.Sc., M.Sc.
Ms. Sabina Rachana Crasta	Assistant Professor	B.Sc., M.Sc. (Ph.D)
Ms Salma Shabnam	Assistant Professor	B.Sc, M.Sc (Ph.D.)
Mr. Harsha A.J	Assistant Professor	B.Sc., M.Sc. (Ph.D.)
Ms Lauiline Margaret D'Souza	Assistant Professor	B.Sc, M.Sc
Ms Jyotsna Anjali D'Souza	Assistant Professor	B.Sc, M.Sc.
Mr Umashankara Kelathaya	Lecturer	B.Sc, M.Sc

DEPARTMENT OF PHYSICAL EDUCATION		
Name	Designation	Qualification
Ms Vaneesha V. Rodrigues	Assistant Physical Education Director	B.Com. BPED, MPES

DEPARTMENT OF TRAINING & PLACEMENT		
Name	Designation	Qualification
Ms Sangeeta Ferrao	Placement Officer	B.Sc , PGDBM
Ms Prashma Veigas	Junior Asst. Clerk	BCA
Mr Wilson Jerald Mascarenhas	Attender cum Driver	PUC & DL

COUNSELLING & HEALTHCARE	
Rev. Fr Joseph A. Cardoza	Campus Counsellor
Dr. Prasanth Raj	Medical Officer
Ms. Irine Jacintha Pinto	Staff Nurse

DEPARTMENT OF BUSINESS ADMINISTRATION

M.B.A & Ph.D Programmes

Vision

To impart quality management education to bring out competent, socially responsible and conscientious professionals.

Mission

1. Imparting contemporary curriculum and its application to business situations
2. Developing proficiency through continuous industry-academia interface and research
3. Sensitizing students towards the needs of the society
4. Inculcating diligence through extra-curricular activities
5. Encouraging entrepreneurial attitude through constant guidance

Program Educational Objectives (PEOs)

- PEO 1:** Graduates will be able to apply the theoretical concepts in real life situations
- PEO 2:** Graduates will be able to exhibit effective decision-making skills.
- PEO 3:** Graduates will be capable of starting entrepreneurial ventures.
- PEO 4:** Graduates will be able to think critically, communicate effectively and be able to manage interpersonal relationships.
- PEO 5:** Graduates will be able to adapt to constantly changing environment.

Program Outcomes (POs)

1. Apply knowledge of management theories and practices to solve business problems
2. Foster Analytical and critical thinking abilities for data-based decision making
3. Ability to develop Value based Leadership ability
4. Ability to understand, analyze and communicate global, economic, legal, and ethical aspects of business
5. Ability to lead themselves and others in the achievement of organisational goals, contributing effectively to a team environment
6. Foster Soft Skills to support industry requirements

TEACHING STAFF		
Name	Designation	Qualification
Dr. Prakash Pinto	Professor & Dean	B.Com, M.Com, MBA, PGDIM, PGDFM, Ph.D.
Dr. Anjali Ganesh	Professor	B.Com, M.Com, MBA, PGDHA, DMLT, Ph.D.
Dr Babitha Rohit	Assistant Professor	BBM, MBA, Ph.D
Dr Shakila B	Assistant Professor	B.Com.,M.Com.,M.Phil. Ph.D
Ms. K Manjula	Assistant Professor	B.Com., M.B.A.
Ms. Acharya Chitralkha	Assistant Professor	B.Sc., MBA
Mr Vinish P.	Assistant Professor	B.Sc., MBA (Ph.D)

TECHNICAL STAFF		
Name	Designation	Qualification
Ms Divya P	Lab Instructor	Diploma

DEPARTMENT OF COMPUTER APPLICATIONS

Vision

To be recognized as a department with research environment empowering computer professionals with a strong sense of service and human values at the core”.

Mission

1. Inculcate professional behavior with strong ethical values and innovative research capabilities among faculty and students.
2. To meet the global needs and challenges through training of professionals who can work with interest to support the society.
3. Encourage faculty to have continuous progress in their teaching skills and self-development.

Program Educational Objectives (PEOs)

Graduates will be able to:

- PEO 1:** Have appreciation for, Professional and Ethical responsibilities through strong commitment to values.
- PEO 2:** Adopt techniques and skills to critically identify, formulate and solve computational problems.
- PEO 3:** Effectively design, develop and manage computer applications, using modern tools and techniques.
- PEO 4:** Develop confidence for self-education and innovative entrepreneurship.

Program Outcomes (POs)

Graduates will have the ability to:

1. Apply knowledge of mathematical, algorithmic, and computing principles.
2. Analyze and interpret data, make inferences from the resulting data and apply technical skills to solve real time problems
3. Design a system or module, to meet desired needs, which undergoes various phases of software development lifecycle.
4. Investigate, design and conduct experiments, by applying critical thinking to solve complex problems.
5. Make effective use of modern tools and techniques to develop a software system.
6. Inculcate Professional and Ethical attitude.
7. Understand the need for, and have an ability to inculcate quality, timeliness and continuous improvement.
8. Develop managerial skills in multidisciplinary approach.
9. Prepare technical documents and make effective presentation.
10. Design and construct a system, component or process to meet desired needs, within realistic constraints such as economic, environmental and social sustainability.
11. Develop teamwork, and leadership skills necessary to function productively and professionally to undertake a common goal.
12. Develop as an Entrepreneur in the software domain through innovative approach.
13. Work on research activities.

TEACHING STAFF		
Name	Designation	Qualification
Ms. Sumangala N.	Assistant Professor & I/C HOD	B.Sc, M.Sc, PGDCA
Ms. Sadhana Kumble	Assistant Professor	B.Sc., MCA
Mr. Sathyendra Bhat J	Assistant Professor & Press Coordinator	BCA., MCA
Mr. Hareesh B	Assistant Professor	BIT, MCA (Ph.D.)
Mr. Gururaj S	Assistant Professor	B.Sc., MCA (Ph.D.)
Mr. Ragesh Raju	Assistant Professor & Media Coordinator	B.Sc., MCA

TECHNICAL STAFF

Name	Designation	Qualification
Ms Divya Sujith Kumar	Lab Instructor	Diploma

LIBRARY

Name	Designation	Qualification
Dr Felcy D' Souza	Librarian	B.L.I.S, M.L.I.S, Ph.D
Mr. Francis Edward Pereira	Assistant Librarian	B.L.I.S, M.L.I.S
Ms. Gloria Jacintha D' Souza	Library Assistant	D.Lib
Ms. Prima Lobo	Library Assistant	D.Lib, B.A.
Ms. Thara	Library Assistant	B.L.I.S
Ms Geetha	Library Assistant	PUC, D.Lib
Ms Preethi	Library Assitant	D.L.I.Sc., B.L.I.Sc.
Mr. Rithesh D'Souza	Jr. Library Assistant	B.L.I.S
Ms. Seema Fernandes	Junior Assistant Clerk	B.A, PGDCA
Mr Anila Kumar Yerabovi	Attender	
Mr Sharan Steevan Lobo	Attender	
Mr. Dinakar	Security	

HOSTEL STAFF

Name	Designation
Mr Francis D'Costa	Warden - Boys Hostel
Mr. Herald Sunil Britto	Asst. Warden - Boys Hostel
Mr Felix Santhumayor	Assistant Warden - Boys Hostel
Sr Elsy Ezilda Joseph	Warden - Girls Hostel
Ms Jenifer D'Souza	Assistant Warden - Girls Hostel
Ms Rajita Patres Almeida	Assistant Warden - Girls Hostel

ADMINISTRATIVE & SUPPORT STAFF

Name	Designation	Qualification	Department
Mr Rakesh Thomas Lobo	H R Manager	MSW,EMBA,	HR
Mr. Menin Paul Monteiro	Accounts Officer	B.Com, ICWA (Inter)	Accounts
Ms Shalet Saldanha	Office Superintendent	B.A.	Admission Office
Ms Diana Maria Monteiro	Collaborations Officer	BA, MBA	Administration
Mr. Conald Saldanha	In-charge	B.A., DHRD	HR
Ms. Hema Fernandes	Secretary	B.A, PGDPM	Administration
Ms. Priya Jyothi Pinto	Secretary	B.Com	Asst Director's Office
Ms. Sushma Clara Monis	Secretary	B.A	Director's Office
Ms Felcy D'Souza	Secretary	B.Com., M.A	HR
Ms Noilin Ren Lobo	Junior Asst. Clerk	B.Com., M.Com	Principal's Office
Ms Vineetha Monteiro	Junior Accountant	B.Com	Accounts
Ms. Sharani Monteiro	Junior Asst. Clerk	B.Com, M.Com	Accounts
Ms. Priya Sweedal Crasta	Junior Asst. Clerk	B.Com	Accounts
Mr. Roshan Francis Lobo	Incharge	B.A.	Admission Office
Ms. Juliet D'Souza	Senior Asst. Clerk	B.Com	Admission Office
Ms. Charlette D'Souza	Jr. Asst. Clerk	B.A	Admission Office
Ms Jacintha Menezes	Jr Asst Clerk	PUC	Admission Office
Ms Ida Jacintha Cordeiro	Graphic Designer	Diploma in Designing	Media
Ms. Precilda Janet Lobo	Sr Asst. Clerk / Secretary	B.Com	E & C
Ms Joselyne D'Souza	Jr Asst Clerk	B.Com	Reception
Ms Precilla Pinto	Junior Asst. Clerk	B.Com	Civil

Ms Divya Juliet Fernandes	Junior Asst. Clerk	B.A.	E & E
Ms Laveena Roshal Miranda	Junior Asst. Clerk	B.A.	CSE
Ms Lencita Seema Veigas	Junior Asst. Clerk	B.Com	Basic Science
Ms Nishma Mascarenhas	Junior Asst. Clerk	B.Com	Mechanical
Ms Minisha Flavy Crasta	Junior Asst. Clerk	B.Com, M.Com	MBA
Ms Preema D'Souza	Junior Asst. Clerk	B.Com	MCA
Mr Denis Joseph D'Souza	Campus Supervisor	SSLC	House Keeping
Mr. Sudhir Pinto	Incharge Store	B.A	Maintenance
Mr. Cyril Periera	In-charge		Maintenance
Mr. Satish Bhat	Electrical/Plumbing Technician		Maintenance
Mr. Sunil D'Souza	Electrical/Plumbing Technician		Maintenance
Mr Alwyn Saldanha	Electrical/Plumbing Technician		Maintenance
Mr Deepak Kumar Shettigar	Electrical/Plumbing Technician		Maintenance
Mr Vishal Flywan Fernandes	Electrical/Plumbing Technician		Maintenance
Mr Wilson Kiran Menezes	Electrical/Plumbing Technician		Maintenance
Mr Minin Anton D'souza	Welder		Maintenance
Mr. Rajendran K.V.	Transport / Security Officer		Transport
Mr. Arokiasamy	Attender		Administration
Mr. Wilson D'Souza	Attender		Admission Office
Mr. Anil Wildon Pinto	Attender		CSE
Mr. Julian Pinto	Attender		MBA
Mr. Ashoka K.M.	Attender		E & C
Mr. Alex Ashok D'Souza	Attender		Maths

Mr. Lakshman Moolya	Attender		Chemistry
Mr Franklin D'Souza	Attender		Mech
Mr. Jerome Pais	Attender / Driver		Administration
Mr Liston Anthony D'Souza	Attender / Driver		Administration
Mr Lakshmeesha	Attender		Physics
Mr Rohan Sebastian D'souza	Attender		Civil
Mr Gerald Jeevan D'Cunha	Attender		E & E
Mr. Charles Fernandes	Attender		Mechanical
Ms Asha Laveena Flores	Attender		MCA
Mr. Praveen D'Souza	College Bus Driver		Transport
Mr. Surendra Shetty	College Bus Driver		Transport
Mr Prabhakara	College Bus Driver/Mechanic		Transport
Mr Ramachandra Shetty	Driver cum Attender		Transport
Mr Chidananda	Driver cum Attender		Transport
Mr Karunakara Bangera	Driver		Transport
Mr John D'Souza	Cleaner		Transport

HUMANITIES

Name	Designation	Qualification	Department
Mr. Eugene D'Cunha	Lecturer	B.A, LLB	CIP
Ms Olivia C. Pereira	Lecturer	BA, MA	English
Ms Reshma V.	Lecturer	MA	English
Ms Mallika B.	Lecturer	B.A., M.A.	Kannada
Ms Deepa H.Y.	Lecturer	BA, B.Ed., MA	Kannada

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COLLEGE ANTHEM

Joesphites, we march together holding hand in hand
In service with excellence as one united band
Brighten shall we our world, that's our endeavour
Lighten one another's burdens, we will strive for ever.

Excellence and Service, high up our motto hold
In St. Joseph's foot-steps to walk, we all make bold
Josephites together, we'll build a world of peace
Brothers, sisters, all united, one in thoughts and deeds.

Technical manpower will meet ever changing need
Competence, love and skill, will be great boons, indeed
Creation, innovation in God's wide, holy world
Will make us instruments of Peace and sweetest Joy untold



St Joseph Engineering College

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