



**ST. JOSEPH'S**  
COLLEGE OF ENGINEERING  
AND TECHNOLOGY,  
- PALAI -  

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**AUTONOMOUS**



**SJCET Int. MCA**  
**Academic Regulations 2024**

**Choondacherry PO, Palai**  
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## **DEPARTMENT OF COMPUTER APPLICATIONS**

### **VISION**

To emerge as a center of excellence in the field of computer education with distinct identity and quality in all areas of its activities and develop a new generation of computer professionals with proper leadership, commitment, and moral values.

### **MISSION**

- Provide quality education in Computer Applications and bridge the gap between the academia and industry.
- Promote innovation, research, and leadership in areas relevant to the socio-economic progress of the country.
- Develop an intellectual curiosity and a commitment to lifelong learning in students, with societal and environmental concerns.

**The St. Joseph’s College of Engineering and Technology, Palai (Autonomous) Academic Regulations for Integrated MCA, 2024**

This may be called the St. Joseph’s College of Engineering and Technology, Palai (Autonomous) Academic Regulations for Integrated MCA, 2024. These are subject to the provisions of the APJ Abdul Kalam Technological University Act, 2015, the statutes and ordinances if any issued in the subject from time to time & UGC (Conferment of Autonomous status upon college & measures for maintenance of standards in Autonomous colleges) Regulation, 2023. It is the express understanding that these regulations are subject to the approval of the concerned statutory bodies of the Institution. These regulations shall be applicable for students admitted from 2024 onwards.

**Definitions:** “*Institution*” means St. Joseph’s College of Engineering and Technology, Palai (Autonomous).

“*Academic Council*” means Academic council of St. Joseph’s College of Engineering and Technology, Palai (Autonomous)

“*BoS*” means Board of Studies of the Department of Computer Applications

“*Department*” means Department of Computer Applications, St. Joseph’s College of Engineering and Technology, Palai (Autonomous).

*University* Means APJ Abdul Kalam Technological University, Trivandrum (APJAKTU).

*Governing Body* Means Governing Body of St. Joseph’s College of Engineering and Technology, Palai (Autonomous)

<b>1. PREAMBLE</b>	
R1.1	The Institution has the right to modify the regulations from time to time.
R1.2	The Provisions contained in this set of regulations govern the policies and procedures on the admission and registration of students, imparting instructions of course, conducting of the examination and evaluation and certification of students’ performance and all amendments there to leading to the said Integrated MCA Programme.
R1.3	This set of Regulations, on approval by the Academic Council of the college shall supersede all the corresponding earlier sets of regulations of the College for the Integrated MCA Degree Programme along with all the amendments thereto, and shall be binding on all students undergoing the said Integrated MCA Degree Programme conducted by the Institution.
R1.4	This set of Regulations, may evolve and get updated or refined or modified or amended through appropriate approvals from the BoS and Academic Council, from time to time, and shall be binding on all parties concerned, including the Students, Faculty, Staff & Department.
R1.5	The MCA Degree of A. P. J. Abdul Kalam Technological University shall be conferred on students who are admitted to the program and who fulfill all the requirements for the award of the Degree.

<b>2. ELIGIBILITY OF ADMISSION</b>	
R2.1	<b>Integrated MCA (5 Year)</b> Passed 10+2(SSLC and Plus 2) Examination with Mathematics or Statistics or Accountancy as compulsory subjects. Obtained at least 45% marks (40% in the case of candidates belonging to reserved categories) in the qualifying Examinations.
R2.2	The reservation policy of the Government of Kerala and the Government of India from time to time shall be followed in admission to the Integrated MCA programme.
R2.3	Notwithstanding all that is stated above; the admission policy may be modified from time to time by the University, particularly to conform to the directions from the Government of Kerala and the Government of India. The maximum number of seats under various categories (regular and SC/ST) shall be as per the sanctions of the AICTE, State Government and APJAKTU.
R2.4	If at any time after admission, it is found that a candidate has not fulfilled any of the requirements stipulated by the Institution, University or the statutory body concerned, the Institution may revoke the admission of the candidate and report the matter to the Governing body & the same to be intimated to the university.
<b>3. STRUCTURE OF INTEGRATED MCA PROGRAM</b>	
R3.1	The Integrated MCA programme shall be structured on a credit based system following the semester pattern with continuous evaluation.
R3.2	The duration of the Integrated MCA programme will normally be five academic years spanning 10 semesters. The maximum duration shall be for Integrated MCA – seven academic years spanning 14 semesters. Each semester shall have a minimum of 72 instruction days followed by the end semester examination. The total contact hours are normally 30 hours per week.
R3.3	The duration for the programme will normally be 10 semesters for Integrated MCA(5year). In case of prolonged illness or other personal exigencies, the Institution may allow a student who has earned credits for at least one semester, to extend the programme up to the maximum duration seven years in the case of Integrated MCA (5year).
R3.4	Every academic year shall have two semesters “1 <sup>st</sup> July to 31 <sup>st</sup> December (Odd semester)” and “1 <sup>st</sup> January to 30 <sup>th</sup> June (Even semester)”. The vacation of the faculty and staff shall be as per the Government orders from time to time. The Institution shall publish academic calendar for each academic year which is to be strictly followed by the department.
R3.5	The Integrated MCA Program shall have a curriculum and syllabi for the courses recommended by the BoS and approved by Academic Council. Syllabus for any course shall be normally modified/updated once in three years. However, innovative elective courses can be included as and when required, on the recommendations of the Board of Studies and subject to the approval of

	the Academic Council. All revisions shall be based only on the recommendations of the Board of Studies.																																					
R3.6	The maximum number of lecture based courses and laboratory courses in any semester shall not exceed 6 and 3 respectively. The maximum number of credits a student can register (course registration) in a semester is limited to 8 credits in excess of the total credits allotted in the curriculum for that semester.																																					
R3.7	<p>A common course structure for the Integrated MCA programme is to be followed and consist of the following courses</p> <ul style="list-style-type: none"> <li>• Core courses</li> <li>• Elective courses</li> <li>• Laboratory courses</li> <li>• Mini Projects</li> <li>• Seminar</li> <li>• Comprehensive Viva</li> <li>• Main Project</li> <li>• Non-credit courses</li> </ul>																																					
R3.8	<p>Every course comprises of specific Lecture-Tutorial-Practical (L-T-P) schedule. The course credits are fixed based on the following norms.</p> <p>1 credit for each lecture hour per week                      1 credit for each tutorial hour per week                      2 credits(maximum) for 3 to 4 hours Practical(P) per week                      2 credits for the seminar                      2 credits for the mini projects                      6 credits for comprehensive viva                      12 credits for the main project                      Zero credit for non-credit courses</p> <p>The distribution of credits for the course work is given in Table 1.</p> <p><b>Table 1: Distribution of credits among the Semesters for Integrated MCA (5years)</b></p> <table border="1"> <thead> <tr> <th>Semester</th> <th>Course details</th> <th>Hours per week</th> <th>Total credits allotted</th> <th>Credits allotted semester-wise</th> </tr> </thead> <tbody> <tr> <td rowspan="2">I</td> <td>Core courses: 5nos</td> <td>4 each</td> <td>5x4 = 20</td> <td rowspan="2">22</td> </tr> <tr> <td>Lab courses: 2nos</td> <td>4 each</td> <td>2x1 = 2</td> </tr> <tr> <td rowspan="2">II</td> <td>Core courses: 5nos</td> <td>4 each</td> <td>5x4 = 20</td> <td rowspan="2">22</td> </tr> <tr> <td>Lab courses: 2nos</td> <td>4 each</td> <td>2x1 = 2</td> </tr> <tr> <td rowspan="2">III</td> <td>Core courses: 5nos</td> <td>4 each</td> <td>5x4 = 20</td> <td rowspan="2">22</td> </tr> <tr> <td>Lab courses: 2nos</td> <td>4 each</td> <td>2x1 = 2</td> </tr> <tr> <td rowspan="2">IV</td> <td>Core courses: 5nos</td> <td>4 each</td> <td>5x4 = 20</td> <td rowspan="2">22</td> </tr> <tr> <td>Lab courses: 2nos</td> <td>4 each</td> <td>2x1 = 2</td> </tr> </tbody> </table>	Semester	Course details	Hours per week	Total credits allotted	Credits allotted semester-wise	I	Core courses: 5nos	4 each	5x4 = 20	22	Lab courses: 2nos	4 each	2x1 = 2	II	Core courses: 5nos	4 each	5x4 = 20	22	Lab courses: 2nos	4 each	2x1 = 2	III	Core courses: 5nos	4 each	5x4 = 20	22	Lab courses: 2nos	4 each	2x1 = 2	IV	Core courses: 5nos	4 each	5x4 = 20	22	Lab courses: 2nos	4 each	2x1 = 2
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	VI	Core courses: 4nos	4 each	4x4 = 16	20
		Lab courses: 2nos	4 each	2x1 = 2	
		Mini Project 1	4 hours	1x2=2	
	VII	Core courses: 5nos	4 each	5x4 = 20	22
		Lab courses: 2nos	4 each	2x1 = 2	
		Entrepreneurship and innovations in Technology	1 hour	No credit	
	VIII	Core courses: 3nos	4 each	3x4 = 12	22
		Elective: 2nos	4 each	2x4 = 8	
		Lab courses: 2nos	4 each	2x1 = 2	
		Industrial Readiness Training	1 hour	No credit	
	IX	Core Courses: 2 nos	4 each	2x4 = 8	20
		Electives : 2 nos	4 each	2x4 = 8	
		Lab courses:2 nos	4 each	2x1 = 2	
		Mini Project 2	4 hours	1x2=2	
		Domain Expertise Workshops	1 hour	No credit	
	X	Main Project	27 hours	12	20
		Seminar	2 hours	2	
Comprehensive Viva Voce			6		
<b>Total Credits in all ten semesters</b>					<b>214</b>

**Curriculum details are given separately**

R3.9 The medium of instruction shall be English. All examinations, projects, seminar, reports and presentations shall be in English.

R3.10 Revision of Regulations notwithstanding all that has been stated above, the concerned statutory bodies of the Institution has the right to modify any of the regulations, scheme of studies, examinations and syllabi from time to time.

#### **4. ACADEMIC MONITORING AND STUDENT SUPPORT**

R4.1 There shall be one Faculty Advisor (FA) for a class. The Principal shall assign a regular faculty member with minimum two years of experience as the FA in discussion with the Head of the Department.

R4.2 The documents regarding all academic and non-academic matters of students shall be kept under the custody of Faculty Advisor.

R4.3 All requests/applications from a student or parent to higher offices are to be forwarded/recommended by his/her Faculty Advisor. Students and parents shall



	<p>first approach their Faculty Advisor for all kinds of advices, clarifications and permissions on all academic matters. It is the official responsibility of the institution to provide the required guidance, clarifications and advices to the students and parents strictly based on the prevailing academic regulations.</p>
R4.4	<p>The FA shall arrange separate or combined meetings with course faculty, parents and students as and when required and discuss the academic progress of students. The Faculty Advisor shall also offer guidance and help to solve the issues on academic and non-academic matters including personal issues of the students. Advisory meetings shall preferably be convened:</p> <ol style="list-style-type: none"> <li>i. Immediately after the commencement of the semester.</li> <li>ii. Immediately after announcing the marks of first internal evaluation test.</li> </ol> <p>The internal marks and eligibility of attendance shall be uploaded in the Institution portal only after displaying the same in the department notice board at least for two working days. This is for the information and feedback of the students. Any concerns raised by the students regarding attendance and internal marks shall be looked into in the combined meetings of advisor, course faculty and the students concerned. The Principal/Head of the Department shall ensure to take steps to redress the concerns raised by the students regarding internal assessment and attendance. The FA shall be the custodian of the minutes and action taken reports of the advisory meetings.</p>
R4.5	<p>The FA shall get the minutes and action taken reports of advisory meetings approved by the Head of the Department. It shall be the duty of the Head of the Department to produce it before the concerned authorities as and when required.</p>
R4.6	<p>The FA shall keep a hard copy of the consolidated statement of attendance and internal marks of their students. It shall be kept with the Head of the Department without fail for all sorts of inspections.</p>
R4.7	<p>Regular communication with the parents of students in respect of progress in academic matters and other general issues shall be the responsibility of the Faculty Advisor.</p>
R4.8	<p>The Head of the Department shall inform/forward all regulations, guidelines, communications, announcements issued by the University/Institution regarding student academics and other matters to faculty for information and timely action.</p>
<p><b>5. COURSE REGISTRATION AND ENROLMENT</b></p>	
R5.1	<p>It is mandatory for students to register for the courses they want to attend in a Semester. Students have to register for all courses offered in the first semester at the time of admission and for all courses offered in the second semester before the commencement of second semester. Similarly the students need to register for higher semesters.</p>
R5.2	<p>The dates for registration and enrolment will be given in the academic calendar. Any late enrolment, allowed up to 7 working days from the commencement of</p>

	the semester, will attract a late enrolment fee.
R5.3	A student will become eligible for enrolment only if he/she has registered for the previous semester. In addition he/she has to clear all dues to the Institute up to the end of the previous semester and also he/she should not have any pending disciplinary proceedings.
R5.4	In extraordinary circumstances like medical grounds, a student may be permitted to withdraw from a semester completely. Normally a student will be permitted to withdraw from the programme only for a maximum continuous period of two semesters.

## 6. EVALUATION PROCESS

R6.1	There shall be End Semester Examinations (ESE) in every semester for all courses as prescribed under the respective curriculum, except for Non-credit courses, Mini Project and Seminar. The End Semester Examinations shall be conducted by the Institution. Semester classes shall be completed at least ten days before the commencement of the End Semester Examinations.
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R6.2	<p>I. MOOC/Self Study Courses For Integrated MCA, BoS will publish a list of MOOC Courses on IT introductory subjects every year. The students should successfully complete at least one during the course period. Submission of ‘Successful Course Completion Certificate’ to the Institution is mandatory to publish their final results.</p> <p>II. Mandatory Student Activities A student shall earn 3 credits for Integrated MCA by actively involving in co-curricular and extra-curricular activities (mandatory student activities) as per the guidelines issued by the Institute from time to time. To earn 2 credits, a minimum of 80 activity points must be obtained, while 120 activity points are required for 3 credits. These credits will not be included in the CGPA calculation but are mandatory for the award of the degree. The students are required to keep a file containing documentary proofs of activities done by him/her attested by the Senior Faculty Advisor/ Faculty Advisor.</p>
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Sl. No	Group	Courses	Credits	Minimum Credit Requirements
1	I	NSS, NCC, NSO (National Sports Organization)	1 (40 Points)	3 Credits (One credits from each Group)
2		Arts/Sports/Games		
3		Union/Club Activities		
4	II	English Proficiency Certification (TOFEL, IELTS, BEC etc)	1 (40 Points)	



	5		Aptitude Proficiency Certification (GRE, CAT, GMAT etc)/valid GATE score																		
	6		Short Term Internship (Minimum 4 weeks), Clinical Exposure/Training (Minimum 4 weeks), Conferences/ Paper Presentation / Workshop Activities/ Professional Body Activity.																		
	7	III	Journal Publication, Patents, Start-up	1 (40 Points)																	
	8		Skilling Certificates (Approved by Institution)																		
R6.3	The End Semester Examinations (ESE) shall be held twice in a year – May/June (for even semesters) and November/December (for odd semesters). However, the Supplementary Examinations of all the Semesters shall be conducted in both the sessions.																				
R6.4	<p>Candidates in each semester shall be evaluated both by Continuous Internal Evaluation (CIE) and End Semester Examinations (ESE). The ratio of Continuous Internal Evaluation (CIE) to End Semester Examinations (ESE) shall be as below:</p> <ol style="list-style-type: none"> <li>1. Theory Courses : 1 : 1.5</li> <li>2. Laboratory Courses : 1 : 1</li> <li>3. Mini Projects : CIE only</li> <li>4. Seminar : CIE only</li> <li>5. Comprehensive Viva : ESE only</li> </ol> <p>Main Project : CIE by Supervisors (30 marks) and a Committee (40 marks) separately and ESE by External Expert (30 marks).</p>																				
R6.5	<p>Continuous Internal Evaluation (CIE)): The Continuous Internal Evaluation shall be on the basis of the day-to-day work, periodic tests (minimum two in a semester) and assignments (minimum two). The faculty member(s) concerned shall carry out the Continuous Internal Evaluation (CIE) for the course allotted to him/her. The CIE marks for individual courses shall be computed by giving weightage to the following parameters unless otherwise specified in the curriculum.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Course</th> <th>Class Participation and Attendance</th> <th>Tests/Evaluation</th> <th>Assignment /Classwork</th> </tr> </thead> <tbody> <tr> <td>Theory</td> <td>20%</td> <td>50%</td> <td>30%</td> </tr> <tr> <td>Practical</td> <td>15%</td> <td>30%</td> <td>55%</td> </tr> <tr> <td>Mini Project</td> <td>10%</td> <td>50%</td> <td>40%</td> </tr> </tbody> </table>					Course	Class Participation and Attendance	Tests/Evaluation	Assignment /Classwork	Theory	20%	50%	30%	Practical	15%	30%	55%	Mini Project	10%	50%	40%
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	<p>There shall be minimum two internal evaluation tests, each of 1.5 hrs duration and the test shall be for 30 marks. The first test shall cover 40% of the syllabus. The second test shall cover another 40% of the syllabus over and above the first test. The performance in the remaining portion will be assessed by assignments/class tests. Retest shall be permitted to the students who could not appear for the internal tests due to genuine grounds. The CIE marks for the attendance for each theory, practical and seminar shall be awarded in full, only if the candidate has secured 90% attendance or above in the subject. If a student has attendance for a subject below 90%, reduction in the marks for the attendance shall be made proportionally. The CIE marks obtained by the student for all subjects in a semester are to be published at least 5 days before the commencement of the End Semester Examinations. Duty leave shall be accounted for awarding the internal marks for attendance.</p>				
R6.6	Students, who have completed a course but could not write the end semester examination, shall be awarded “ab” Grade, provided they meet other eligibility criteria (R.6.7). They shall register (exam registration) and appear for the end semester examination at the next opportunity and earn the credits without having to register (course registration) for the course again.				
R6.7	The main eligibility criteria for registering to the End Semester Examinations are attendance in the course and no pending disciplinary action. The minimum attendance for appearing for the End Semester Examinations is 75% in each course. Students who do not meet these eligibility criteria are awarded an FE grade.				
R6.8	The students with FE grade shall register for the courses during the normal semesters in which the courses are offered.				
R6.9	A student who does not register for all the courses listed in the curriculum for a semester shall not be eligible to enroll for the next higher semester.				
R6.10	A student will be recommended by the institution for the award of MCA Degree of the University on satisfying the following requirements: <ol style="list-style-type: none"> <li>1. Fulfilled all the curriculum requirements within the stipulated duration of the course.</li> <li>2. Earned the required minimum credits as specified in the curriculum</li> <li>3. No pending disciplinary action.</li> </ol>				
R6.11	Students registered for a course have to attend the course regularly and undergo the Continuous Internal Evaluation (CIE) and appear for the End Semester Examinations (ESE). Credits for the course are deemed to be earned only on getting at least a pass grade ‘P’ or better in the composite evaluation.				
R6.12	Pass minimum for a course shall be 40% for the End Semester Examinations and 50% of CIE and ESA put together. Letter grade ‘F’ will be awarded to the student for a course if either his/her mark for the End Semester Examinations (ESE) is below 40% or the overall mark [Continuous Internal				

	Evaluation(CIE) + End Semester Examinations (ESE)] is below 50 %.																																																			
R6.13	Students who received “F” grade in an End Semester Examination shall have to appear for the End Semester Examination at the next opportunity and earn the credits. They shall not be permitted to register for the course again.																																																			
R6.14	Grading is based on the overall percentage marks obtained by the student in a course, as given in 6.16. The grade card shall only give the grades against the courses the student has registered. Semester grade card shall give the grade for each registered course, Semester Grade Point Average (SGPA) for the semester as well as Cumulative Grade Point Average(CGPA).																																																			
R6.15	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3" style="text-align: center;"><b>Grade and Grade Points</b></th> </tr> <tr> <th style="text-align: center;"><b>Grades</b></th> <th style="text-align: center;"><b>Grade Point (GP)</b></th> <th style="text-align: center;"><b>% of Total Marks obtained in the course</b></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">S</td> <td style="text-align: center;">10</td> <td style="text-align: center;">90% and above</td> </tr> <tr> <td style="text-align: center;">A+</td> <td style="text-align: center;">9.0</td> <td style="text-align: center;">85% and above but less than 90%</td> </tr> <tr> <td style="text-align: center;">A</td> <td style="text-align: center;">8.5</td> <td style="text-align: center;">80% and above but less than 85%</td> </tr> <tr> <td style="text-align: center;">B+</td> <td style="text-align: center;">8.0</td> <td style="text-align: center;">75% and above but less than 80%</td> </tr> <tr> <td style="text-align: center;">B</td> <td style="text-align: center;">7.5</td> <td style="text-align: center;">70% and above but less than 75%</td> </tr> <tr> <td style="text-align: center;">C +</td> <td style="text-align: center;">7.0</td> <td style="text-align: center;">65% and above but less than 70%</td> </tr> <tr> <td style="text-align: center;">C</td> <td style="text-align: center;">6.5</td> <td style="text-align: center;">60% and above but less than 65%</td> </tr> <tr> <td style="text-align: center;">D</td> <td style="text-align: center;">6.0</td> <td style="text-align: center;">55% and above but less than 60%</td> </tr> <tr> <td style="text-align: center;">P (Pass)</td> <td style="text-align: center;">5.5</td> <td style="text-align: center;">50% and above but less than 55%</td> </tr> <tr> <td style="text-align: center;">F (Fail)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Below 50% (CIE + ESE) or Below 40% for ESE</td> </tr> <tr> <td style="text-align: center;">FE</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Failed due to lack of eligibility criteria (R6.7)</td> </tr> <tr> <td style="text-align: center;">ab</td> <td style="text-align: center;">0</td> <td style="text-align: center;">Could not appear for the end semester examination but fulfills the eligibility criteria.</td> </tr> <tr> <td style="text-align: center;">Classification of MCA Degree.</td> <td style="text-align: center;">First Class with Distinction</td> <td style="text-align: center;">CGPA 8.0 and above</td> </tr> <tr> <td></td> <td style="text-align: center;">First Class</td> <td style="text-align: center;">CGPA 6.5 and above</td> </tr> <tr> <td colspan="3" style="text-align: center;">Equivalent Percentage mark shall be = 10 x CGPA</td> </tr> </tbody> </table>	<b>Grade and Grade Points</b>			<b>Grades</b>	<b>Grade Point (GP)</b>	<b>% of Total Marks obtained in the course</b>	S	10	90% and above	A+	9.0	85% and above but less than 90%	A	8.5	80% and above but less than 85%	B+	8.0	75% and above but less than 80%	B	7.5	70% and above but less than 75%	C +	7.0	65% and above but less than 70%	C	6.5	60% and above but less than 65%	D	6.0	55% and above but less than 60%	P (Pass)	5.5	50% and above but less than 55%	F (Fail)	0	Below 50% (CIE + ESE) or Below 40% for ESE	FE	0	Failed due to lack of eligibility criteria (R6.7)	ab	0	Could not appear for the end semester examination but fulfills the eligibility criteria.	Classification of MCA Degree.	First Class with Distinction	CGPA 8.0 and above		First Class	CGPA 6.5 and above	Equivalent Percentage mark shall be = 10 x CGPA		
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C	6.5	60% and above but less than 65%																																																		
D	6.0	55% and above but less than 60%																																																		
P (Pass)	5.5	50% and above but less than 55%																																																		
F (Fail)	0	Below 50% (CIE + ESE) or Below 40% for ESE																																																		
FE	0	Failed due to lack of eligibility criteria (R6.7)																																																		
ab	0	Could not appear for the end semester examination but fulfills the eligibility criteria.																																																		
Classification of MCA Degree.	First Class with Distinction	CGPA 8.0 and above																																																		
	First Class	CGPA 6.5 and above																																																		
Equivalent Percentage mark shall be = 10 x CGPA																																																				
R6.16	There shall be double valuation of theory papers for which End Semester Examinations are conducted by the Institution. The theory answer scripts shall be valued independently by the two examiners appointed by the Institution. If the difference between the marks awarded by the two examiners is not more than 15% of the maximum marks, the marks awarded to the candidate shall be the average of two evaluations. If the difference between the marks awarded by the two examiners is more than 15% of the maximum marks, the script shall be evaluated by a third examiner. The candidate's marks will be determined by taking the average of the two closest valuations. However, if one of the three marks falls exactly midway between the other two, then the highest two marks shall be taken for averaging. There is no provision for revaluation of the semester answer scripts or for improving the grade.																																																			

R6.17	<p>Students who are in the failed status on declaration of results can apply for review. This facility will be available after obtaining the answer script's copy after the declaration of results. Students have to submit their review request, within fifteen days of the declaration of results, in the prescribed format recommended by a competent/mapped faculty, endorsed by the Head of the Department routed through the Principal. The fee for review will be Rs 5,000 per answer script of which Rs 3,000 will be refunded in case of a grade change after the review. The paid amount of Rs 5,000 will be forfeited in case of no grade change after the review. The review will be carried out by a competent/mapped faculty with a minimum of three years experience. The result of the review will be final and no appeal will be entertained thereafter.</p>
R6.18	<p>Grade cards shall be made available in the student login for the registered courses, in every semester. On earning the required credits for the degree, the Institution will issue the final consolidated grade sheet for the MCA program including CGPA.</p>
R6.19	<p style="text-align: center;"><b>Calculation of SGPA/CGPA</b></p> <p>Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) are calculated as follows.  <math>SGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}</math>, where 'C<sub>i</sub>' is the credit assigned for a course and 'GP<sub>i</sub>' is the grade point for that course. Summation is done for all courses specified in the curriculum of that semester. The failed and incomplete courses shall also be considered in the calculation.  <math>CGPA = \frac{\sum(C_i \times GP_i)}{\sum C_i}</math>, where 'C<sub>i</sub>' is the credit assigned for a course and 'GP<sub>i</sub>' is the grade point for that course. Summation is done for all courses specified in the curriculum upto that semester for which the 'CGPA' is needed. Here the failed courses shall also be accounted. CGPA for the MCA programme is arrived at by considering all course credits that are needed for the degree and their respective grade points.</p>
R6.20	<p>Any act of violation of Institution directions, indiscipline, misbehavior, or unfair practice in examinations from the part of students, faculty members, staff, institution, management or any other source shall be viewed very seriously. It is the legal responsibility of the Principal and the Institution management to see that the examinations are conducted strictly as per the directions in the Institution Examination Manual. Malpractices in examinations observed or reported by an official employed by the Institution, faculty member, invigilator or anybody shall be immediately reported to the Principal. The Principal shall in turn conduct a preliminary enquiry giving the student concerned a chance to explain his/her case. The Principal shall then forward the case with his/her preliminary enquiry report and remarks to the Controller of Examinations along with all related documents and evidences within two working days. The Controller of Examination shall decide the course of action on the issue as per the prescribed norms in the Institution Examination Manual.</p>

<b>7. BREAK OF STUDY</b>	
R7.1	<p>A student is permitted to avail break of study:</p> <ol style="list-style-type: none"> <li>In case of accident or serious illness needing prolonged hospitalization and rest.</li> <li>In case the student has a bright idea and would like to initiate a start-up venture or develop a product.</li> <li>In case of any personal reasons that need a break in study.</li> <li>For internship leading to employment.</li> </ol> <p>For break of study due to illness, student shall submit all necessary medical reports together with the recommendation of the doctor treating him giving definite reasons for break of study and its duration. Before joining back, the student should submit the fitness certificate from the doctor who treated him. Students who want to initiate a start-up venture or a product development, have to submit a project report, clearly indicating the purpose, action plan, technical details, funding details and future plans to the Principal. The Principal shall evaluate the proposal by constituting an expert team consisting of a technocrat and a bank executive and take an appropriate decision based on the team's recommendation. The break of study for the start up shall be permitted only after the 2<sup>nd</sup> semester for a maximum duration of two semesters. This is however permitted only on successfully completing the courses listed out in the first semester.</p> <p>Students who require a break in study due to personal reasons shall convince the Principal on the genuine need for it by giving authentic evidence for the same.</p> <p>Students who require break in study for 'internship leading to employment' shall produce the offer letter obtained from the employer concerned. The Head of the Department shall verify the authenticity of the offer and submit his recommendation to the Principal sufficiently in advance for approval. Only campus placed students with an annual compensation more than 6 lakhs are eligible to avail this facility.</p> <p>In the semester system followed by the Institution, break of study for an academic year is the preferred option than break of study for a semester. The student can avail the break of study only with the prior approval of the competent authorities.</p> <p>Students shall have to rejoin on the first working day of the same semester on which he/she had started availing the break of study</p>
<b>8. ATTENDANCE</b>	
R8.1	<p>Students are expected to attain 100% attendance for all courses. However, under unavoidable circumstances they are permitted to avail leave. Total leave of absence shall not exceed 25% of the academic contact hours for a course and 75% attendance is mandatory for registering to the end semester examination.</p> <p>However following conditions shall consider</p> <ol style="list-style-type: none"> <li>A 2% relaxation in attendance shall be granted to students eligible for menstrual leave, reducing the required attendance percentage to 73% for each course.</li> </ol>



	<p>ii. Students with disabilities (PWD) shall be granted a 5% relaxation in attendance, lowering the minimum required attendance to 70% for each course.</p> <p>iii. Disciplinary Status: Students must not have any pending disciplinary actions.</p> <p>On medical ground the Principal can relax the minimum attendance requirement to 60%, to write the end semester examination. This is permitted for one or more courses registered in the semester. Principal shall keep all records which led to his decision on attendance, for verification by the academic auditors/ concerned officials. This provision is applicable only to any two semesters during the entire program period.</p> <p>In case of prolonged illness, break of study is permitted as per R7.1.</p>
R8.2	<p>The Principal is authorized to grant attendance relaxation (duty leave) to the students participating in officially sponsored national level competitions/championships/ tournaments when called upon to do so, up to a maximum of 10%. Such students should produce the participation certificate countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Faculty Advisor in the case of other extracurricular activities, within ten days of the event. The participation certificate thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the principal shall not consider the certificate if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account. The student shall get official prior permission from the University for representing the University.</p>
R8.3	<p>The Principal is authorized to grant attendance relaxation (duty leave) to the students for organizing extra/ co-curricular activities, up to a maximum of 05%. Such students should produce the required documents countersigned by the University Sports Coordinator/ the Director of Physical Education in the case of sports activities and the Senior Faculty Advisor in the case of other extra/ co-curricular activities: within ten days of the events. The documents thus produced shall be forwarded to the Principal with the due recommendation of the respective Head of the Department. Under any circumstances, the Principal shall not consider the documents, if the overall attendance of the candidate is less than 60%. Late applications received shall not be considered on any account.</p>
<p><b>9. ACADEMIC AUDITING OF THE DEPARTMENT</b></p>	
R9.1	<p>The academic auditing shall be conducted jointly by an Internal Quality Assurance Cell (IQAC) within the Institution and external academic auditor(s) appointed by the University/ competent authorities. IQAC in the Institution shall oversee and monitor all the academic activities including all examinations and internal evaluations. This cell shall prepare academic audit statements in the formats prescribed by the competent authority for each semester at regular intervals. These reports shall be presented to the external academic auditor(s), who shall use it as reference for independent auditing. The external auditor(s) shall submit the final audit report to the University in the prescribed format.</p> <p>Academic auditing shall cover:-</p>



	<ol style="list-style-type: none"> <li>1. Course delivery and adherence to the course plan, syllabus coverage, quality of question papers used for internal examinations, internal evaluation, maintenance of laboratory experimental set ups and equipments, practical assignments, mini projects and conduct of practical classes and their evaluation.</li> <li>2. Co-curricular and Extra-curricular activities available for students.</li> <li>3. Academic functioning of the Institution encompassing students, faculty and Institution administration covering punctuality, attendance, discipline, academic environment, learning ecosystem, academic accountability, academic achievements and benchmarking.</li> </ol> <p>The audit shall also cover the quality criteria prescribed by NBA/NAAC.</p>
<b>10. GRACE MARKS FOR SPORTS /ARTS COMPETITIONS</b>	
R10.1	Only bona-fide, regular candidates are eligible for the award of Grace Marks.
R10.2	The criterion for the award of Grace Marks is representing the University in officially sponsored national level competitions/championships/ tournaments when called upon to do so. The student shall get official prior permission from the University for representing the University.
R10.3	The maximum Grace Marks that can be awarded to a candidate in a particular semester for all activities put together shall be 5% of the aggregate maximum End Semester Examination marks of all theory courses for which the Institution conducts End Semester Examinations.
R10.4	The maximum Grace Marks that can be awarded to a student for a theory course in a particular semester for all activities put together shall not exceed 10% of the maximum aggregate marks of End Semester Examination of the course.
R10.5	The Grace Marks shall not be awarded to a student for Practical/ Lab/ Viva Voce/ internal assessment/ Seminar etc even though she/he fails for the same.
R10.6	Eligible Grace Marks shall be distributed equally on all theory papers/courses of an examination. However, re-distribution of Grace Marks shall be allowed only in the case of those courses of an examination for which the candidate has passed. Re-distribution is possible from passed courses to failed courses only. Re-distribution of Grace Marks is not permissible from failed courses to other courses for a pass.
R10.7	The Grace Marks shall be awarded for all theory papers/courses/subjects in a semester.
R10.8	Re-distribution shall be done only for enabling a candidate to obtain the minimum marks required for a pass.
R10.9	Grace Marks shall not be re-distributed from one semester to another semester.
R10.10	If the candidate does not secure the minimum marks required for a pass even after effecting re-distribution, eligible moderation fixed by the respective board if any, shall be awarded to that candidate in addition to the Grace Marks for a pass.
R10.11	Eligible Grace Marks shall be awarded for the regular examination of the performing semester only. Grace Marks shall not be awarded for supplementary examinations.
R10.12	The performing semester shall be considered from 1st July to 31st December (Odd semester) and 1st January to 30th June (Even Semester).
R10.13	Grace Marks shall be awarded on the basis of performance in the respective

	semester.
R10.14	The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal along with all relevant documents, within the time limit prescribed by the Institution. The request for Grace Marks received after the time limit shall not be entertained on any account.
R10.15	Only a single highest achievement during the period of a semester shall be considered for awarding the grace marks.
<b>11. GRACE MARKS FOR PERSONS WITH DISABILITY (PWD)</b>	
R11.1	To be eligible for the grace marks, the certificate of disability specifying the percentage of disability certified by the District Medical Board shall be produced before the Principal at the time of admission. Profoundly deaf candidates with disability 40% or above or hearing-impaired candidates with disability 70% or above are eligible for the award of Grace Mark. In case of any other disability of more than 60% duly certified by the District Medical Board, students will be eligible for grace marks.
R11.2	The Grace Marks that can be awarded for differently abled candidates is 25% of the marks scored by the candidate in each course at the time of finalization of the results.
R11.3	Transfer of marks from one course to another shall not be permitted. Fractions of marks if any, while computing the Grace Marks shall be discarded.
R11.4	Differently abled candidates who are eligible for Grace Marks shall be awarded Grace Marks for regular and supplementary chances until they pass the whole examination.
R11.5	Grace Marks shall be awarded only for the marks of the End Semester Examinations conducted by the Institution. Grace Marks shall be awarded for enabling differently abled candidates to obtain the minimum marks required for a pass for Viva Voce/Seminar for which the Institution does not normally conduct End Semester Examinations. However the maximum grace marks awarded in this case shall not be more than 25% of the marks scored by the candidate in each course.
R11.6	The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal along with all relevant documents, within the time limit prescribed by the Institution.
R11.7	The request for Grace Marks received after the time limit shall not be entertained on any account.
<b>12. TRANSITORY PROVISION</b>	
12.1	Notwithstanding anything contained in these regulations, the Principal shall, for a period of two years from the date of coming into force of these regulations, has the power to provide by order that these Regulations shall be applied with any modifications as may be necessary.

## VISION

Developing into a world-class, pace-setting Institute of Engineering and Technology with a distinct identity and character, meeting the goals and aspirations of the society

## MISSION

- To maintain a conducive infrastructure and learning environment for world class education.
- To nurture a team of dedicated, competent and research-oriented faculty.
- To develop students with moral & ethical values, for their successful career by offering variety of programmes and services.

