

JYOTHI ENGINEERING COLLEGE

(AUTONOMOUS)

Jyothi Hills, Panjal Rd, Vettikattiri, Cheruthuruthy, Thrissur, Kerala – 679531

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Affiliated to
APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY
(A State Government University, Kerala)

MASTER OF TECHNOLOGY

(M. Tech. – Regular)

ACADEMIC REGULATIONS 2026

Effective from Academic Year 2026 – 2027

*Approved by the Academic Council at its meeting held on 29 June 2026.
Jyothi Engineering College (Autonomous)*

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PREAMBLE

Jyothi Engineering College (Autonomous), Cheruthuruthy, Thrissur, Kerala – 679531 (hereinafter referred to as ‘the College’), is an institution affiliated to APJ Abdul Kalam Technological University (APJAKTU) and granted autonomous status by the University Grants Commission (UGC) and the Government of Kerala. By virtue of this autonomy, the College is empowered to design its own curriculum, conduct its own examinations, and evaluate students independently, while degrees continue to be awarded by APJAKTU.

In exercise of the powers conferred by its autonomous status and in accordance with the guidelines of UGC, AICTE, and APJAKTU, the Academic Council of the College hereby frames the Master of Technology (M.Tech) Academic Regulations, 2026, applicable to all M.Tech (Regular) programmes offered by the College from the Academic Year 2026–27 onwards. These regulations are read in conjunction with the APJAKTU M. Tech framework; in the event of conflict, the provisions of APJAKTU shall prevail to the extent of the inconsistency.

DEFINITIONS

For the purpose of these Regulations, the following terms shall have the meanings assigned to them:

‘**Act**’ means the APJ Abdul Kalam Technological University Act, 2015 (17 of 2015).

‘**Academic Calendar**’ means the schedule of commencement and culmination of classes and events for the M.Tech Programme declared by the College/University from time to time.

‘**Academic Year**’ means the academic year consisting of two consecutive (one odd + one even) semesters.

‘**AICTE**’ means the All India Council for Technical Education constituted under the AICTE Act, 1987.

‘**Autonomous College**’ means Jyothi Engineering College (Autonomous), granted autonomous status by UGC/APJAKTU, empowered to design its own curriculum, conduct examinations, and award grades under the umbrella of APJAKTU.

‘**BoG**’ means the Board of Governors of the University.

‘**BoS**’ means the Board of Studies constituted by the College under autonomy provisions, with the mandate to design, review and recommend the curriculum and syllabi.

‘**CGPA**’ means Cumulative Grade Point Average.

‘**CIA**’ means Continuous Internal Assessment, assessed for every student for every course during the semester.

‘**Course**’ means a theory / dissertation / mini-project / practical subject normally studied and included in the curriculum.

‘**Discipline**’ means the broad branch of engineering (e.g., Civil Engineering, Mechanical Engineering, etc.) under which one or more M.Tech Programmes are offered.

‘ESE’ means the End Semester Examination conducted by the College (for autonomous courses) or the University at the end of each semester.

‘First Statutes’ means the APJ Abdul Kalam Technological University First Statutes, 2020.

‘Grade Card’ means the certificate issued to each candidate containing course type, course code, course title, grade, credit values, grade points, SGPA, and CGPA.

‘MOOC’ means Massive Open Online Course offered through NPTEL, Coursera, or other platforms approved by the College.

‘Private Candidate’ means a student who has not completed the M.Tech Programme within the stipulated duration but is permitted to appear in the End Semester Examination.

‘Programme’ means the combination of courses and requirements to be completed leading to the M.Tech Degree.

‘SGPA’ means the Semester Grade Point Average.

‘Supervisor’ means the faculty member who supervises and mentors the student in his/her Dissertation/Research Project work.

‘UGC’ means the University Grants Commission constituted under the University Grants Commission Act, 1956.

‘University’ means the APJ Abdul Kalam Technological University (APJAKTU) established under the Act.

1. APPLICABILITY AND SCOPE

R 1.1 These Regulations are applicable to all M.Tech (Regular) Degree Programmes conducted by Jyothi Engineering College (Autonomous), an autonomous college affiliated to APJAKTU, from the Academic Year 2026–27 onwards.

R 1.2 These Regulations govern policies and procedures on admission and registration of students, instruction, examinations, evaluation, and certification, leading to the award of M.Tech Degree(s) by APJAKTU.

R 1.3 As an autonomous institution, the College is empowered to design its own curriculum and conduct internal examinations; however, the final degree shall be awarded by APJAKTU in accordance with University statutes. The College shall ensure that all programmes meet AICTE norms and UGC guidelines.

R 1.4 These Regulations, along with all amendments thereto, shall be binding on all students, faculty, staff, and the college administration from the Academic Year 2026–27 onwards.

R 1.5 In all matters related to the interpretation of these Regulations, the decision of the Academic Council of the College (in consultation with the BoG of APJAKTU where required) shall be final.

R 1.6 The College reserves the right to amend these Regulations from time to time with due approval of the Academic Council, keeping the University informed of all such changes.

2. ELIGIBILITY FOR ADMISSION

- R 2.1** The candidate shall be an Indian National.
- R 2.2** The candidate must hold a B.Tech Degree in the appropriate branch from APJAKTU or a bachelor's degree in Engineering from a University approved by AICTE/UGC and recognised by APJAKTU.
- R 2.3** Candidates with an Under Graduate Degree in Engineering from foreign universities must produce an eligibility certificate from APJAKTU.
- R 2.4** The candidate must have a minimum CGPA of 6.0 on a 10-point scale. For SEBC (OBC) candidates, the minimum CGPA is 5.5. For universities not following a credit system, a minimum of 60% aggregate marks is required (55% for SEBC/OBC). For SC/ST candidates, a pass in the Engineering Degree Programme is sufficient.
- R 2.5** Where CGPA is expressed on a scale other than 10-point, it shall be proportionally scaled to a 10-point scale.
- R 2.6** Candidates who have passed AMIE/AMIETE Examinations are eligible, provided they have a valid GATE score and a minimum of 55% marks in Section B.
- R 2.7** Sponsored candidates from Industries, R&D organisations, National Laboratories, or Educational Institutions holding a bachelor's degree in Engineering are eligible for admission.
- R 2.8** Sponsored candidates must have a minimum of three years of relevant work experience and must be sponsored by approved organisations or AICTE-approved private engineering colleges. A special fee shall be levied on sponsored candidates.
- R 2.9** Admission shall normally require a valid GATE score. This requirement is relaxed for sponsored candidates. In case of unfilled seats, non-GATE candidates shall be considered on the basis of CGPA/percentage marks.
- R 2.10** Reservation policy shall be as per the Government of Kerala norms.
- R 2.11** The admission policy may be modified from time to time in conformity with directives from the Government of Kerala, Government of India, or AICTE.
- R 2.12** The maximum intake under various categories shall be as approved by AICTE, State Government, and APJAKTU.
- R 2.13** If, after admission, a candidate is found not to have fulfilled any eligibility requirement, the College may revoke the admission and report the matter to the Academic Council for ratification.

3. STRUCTURE OF THE M.TECH PROGRAMME

R 3.1 All M.Tech Programmes shall be structured on a credit-based system following the semester pattern with continuous evaluation.

R 3.2 Every M.Tech Programme shall have a curriculum and syllabi approved by the College's Board of Studies (BoS) and ratified by the Academic Council. Syllabi may be modified based on BoS recommendations and shall be communicated to APJAKTU as per the autonomy MoU.

R 3.3 The programme shall span four semesters. Semesters I and II shall have a minimum of 75 instruction days. Semester III shall have a minimum of 60 instruction days. Semester IV shall have a minimum of 90 instruction days. Each semester shall be followed by an End Semester Examination. Total contact hours shall normally be 29 hours per week, including teaching assistance.

R 3.4 Minimum duration: 2 years (4 semesters). Maximum duration = $N + 2$ years, where N is the minimum duration. Under exceptional circumstances, a further extension of one year may be granted subject to approval of the Academic Council/Syndicate. Students in the extended period shall be treated as private candidates and shall not be eligible for First Class.

R 3.5 The academic work in each semester shall consist of course work, mini-project, lab, and/or dissertation as specified. The minimum number of credits for successful completion of the M.Tech Programme of any specialization is 68. Each programme shall consist of:

- Core Courses (Discipline Core Courses and Programme Core Courses)
- Elective Courses (Programme Electives and Industry/Interdisciplinary Electives)
- Audit Course
- Research Methodology & Intellectual Property Rights (IPR)
- Mini-Project
- Laboratory Work
- Dissertation / Research Work (Phase 1 & Phase 2)
- Internship
- MOOC (Massive Open Online Course)

R 3.6 Credit assignment norms: (i) Lectures/Tutorials – 1 hour/week = 1 credit; (ii) Practical/Project – 2 hours/week = 1 credit; (iii) Dissertation/Research Project – 1.5 hours/week = 1 credit.

Table 1 — Distribution of Credits Among Semesters

Sem	Course Work Content	Credits Allotted	Semester Total
I	Core Courses (3 nos): $3 \times 3 = 9$ Programme Electives (2 nos): $2 \times 3 = 6$	$9 + 6 + 1 + 2$	18

Sem	Course Work Content	Credits Allotted	Semester Total
	Laboratory (1 no): $1 \times 1 = 1$ Research Methodology & IPR (1 no): $1 \times 2 = 2$		
II	Core Courses (2 nos): $2 \times 3 = 6$ Industry/Interdisciplinary Elective (1 no): $1 \times 3 = 3$ Programme Electives (2 nos): $2 \times 3 = 6$ Laboratory (1 no): $1 \times 1 = 1$ Mini-Project (1 no): $1 \times 2 = 2$	$6 + 3 + 6 + 1 + 2$	18
III	MOOC (1 no): $1 \times 2 = 2$ Internship (1 no): $1 \times 3 = 3$ Audit Course (1 no): No Credit Phase 1 Dissertation/Research Project: $1 \times 11 = 11$	$2 + 3 + 0 + 11$	16
IV	Phase 2 Dissertation/Research Project: $1 \times 16 = 16$	16	16
Total			68

R 3.7 Nomenclature: Master of Technology shall be abbreviated as M.Tech. Examples – M.Tech. in Structural Engineering (Discipline: Civil Engineering); M.Tech. in Artificial Intelligence (Discipline: ECE); M.Tech. in Translational Engineering (Interdisciplinary / Civil Engineering).

R 3.8 The medium of instruction shall be English.

R 3.9 Industry Interaction: The College shall endeavour to involve industry experts in curriculum review, guest lectures, and dissertation co-supervision, consistent with its autonomous status.

4. LEAVE RULES FOR M.TECH STUDENTS

R 4.1 M.Tech students are eligible for leave of 30 days per year (15 days per semester). Intervening holidays shall be treated as part of leave, with provision of prefixing and suffixing. Leave rules shall not relax the attendance requirements specified in R 6.9.

R 4.2 Students shall apply to the Head of Department (HoD) for leave, stating specific reasons.

R 4.3 Students may leave the station for academic purposes (library consultation, expert meetings, conference/symposium participation, sample testing, lab facilities elsewhere, external supervisor interaction, etc.) with supervisor recommendation and HoD approval, for up to 30 days per year, in addition to the leave under R 4.1.

R 4.4 Maternity/Paternity Leave: Female students shall be entitled to maternity leave as per prevailing University/Government norms. Such leave shall not be counted against the regular leave entitlement.

5. COURSE REGISTRATION AND ENROLMENT

R 5.1 Registration for courses in each semester is mandatory. Every student must enrol and register for courses on the date notified by the College through the Academic Calendar.

R 5.2 Dates for registration and enrolment shall be published in the Academic Calendar at the beginning of each academic year.

R 5.3 Eligibility for enrolment to a higher semester requires: (i) registration for all courses in the previous semester; (ii) clearance of all dues to the College; (iii) no pending disciplinary proceedings; and (iv) fulfilment of minimum credit requirements as specified in Table 2.

Table 2 — Minimum Cumulative Credit Requirements for Higher Semesters

Semester	Credits Allotted	Cumulative Credits	Minimum Credits Required
1	18	18	Not Applicable
2	18	36	Not Insisted
3	16	52	12 credits from Semester 1
4	16	68	Not Insisted

R 5.4 A student may register for a maximum of 6 credits in excess of the total credits allotted in the curriculum for any semester.

R 5.5 In extraordinary circumstances (e.g., medical grounds), a student may be permitted to withdraw from a semester. The maximum permitted continuous withdrawal is two semesters.

6. ASSESSMENT PROCEDURE

R 6.1 In Semesters I, II, and III, all courses are evaluated through Continuous Internal Assessment (CIA) and End Semester Examinations (ESE). As an autonomous college, the ESE for most courses shall be conducted by the College. University-conducted ESE shall apply only to courses specifically notified by APJAKTU. The dissertation/research project Phase 2 shall be evaluated through CIA and external assessment.

R 6.2 For all lecture-based courses, the maximum CIA marks are 40 and ESE marks are 60, unless otherwise specified in the curriculum. Assessment marks for all courses are listed in the Programme Curriculum.

R 6.3 Students registered for a course must attend regularly, meet attendance requirements, and undergo the entire evaluation process. Credits are earned only on securing a P grade (Pass) in the composite evaluation.

Continuous Internal Assessment (CIA)

R 6.4 CIA marks shall be awarded on the basis of day-to-day work, micro-projects, course-based assignments/tasks, seminars, data collection/interpretation, review articles, quizzes, and periodic tests. The faculty member concerned shall conduct the CIA. CIA marks shall be computed as per the weightage specified in the curriculum.

R 6.5 CIA marks shall be published on the department notice board and uploaded to the University portal as per the Academic Calendar. Anomalies shall be rectified by the College. A copy shall be retained in the department for scrutiny.

R 6.6 ESE marks for a Programme Elective course shall not exceed 20% over the average ESE mark percentage for core courses; ESE marks shall be normalised accordingly. This normalisation shall not apply to Research Methodology & IPR, Industry/Interdisciplinary Elective, and Audit Course.

R 6.7 CIA mark percentage for any course shall not exceed 30% over the ESE mark percentage of that course; CIA marks shall be normalised accordingly. This normalisation shall not apply to Internship and Dissertation/Research Project Phase 2.

End Semester Examination (ESE)

R 6.8 As an autonomous college, End Semester Examinations shall generally be conducted by the College. The University shall conduct ESE for notified core courses as per prevailing directives. ESE shall be held twice a year: April/May (even semesters) and November/December (odd semesters). Semester III/IV ESE shall be conducted in both sessions.

R 6.9 Minimum attendance for appearing in ESE is 75% per course. Scholarship holders are expected to maintain 100% attendance; however, leave under Clause 4 is permitted up to 25% of contact hours. Students not meeting this criterion shall be awarded FE grade and declared ineligible for the ESE of that course.

R 6.10 On medical grounds, the Principal may relax the minimum attendance to 65% for one or more courses in a semester. This concession is available for only one semester during the entire programme. All supporting records shall be maintained for Academic Audit.

R 6.11 The Principal may grant duty leave (attendance relaxation) up to a maximum of 5% for extra/co-curricular activities, subject to production of documents within ten days of the event. The overall attendance shall not be below 65% under any circumstances.

R 6.12 Students with FE grade shall re-register for the course in the next semester it is offered. Third-semester students with FE grade may register at the next immediate opportunity.

R 6.13 Students who have completed a course but could not appear for ESE shall be awarded AB Grade, provided they meet attendance and other eligibility criteria. They shall appear at the next available opportunity without re-registering for the course.

Pass Criteria

R 6.14 A student must obtain a minimum of 45% in the ESE and a minimum of 50% in the composite total (CIA + ESE) to pass a course. Students not meeting both conditions shall be awarded F grade.

Table 3 — CIA and ESE Weightage for Various Course Categories

Sl.	Category	CIA Weight	ESE Weight	Pass Minimum
1	Discipline Core Courses	40%	60%	45% ESE & 50% (CIA+ESE)
2	Programme Core Courses	40%	60%	45% ESE & 50% (CIA+ESE)
3	Programme Elective Courses	40%	60%	45% ESE & 50% (CIA+ESE)
4	Lab Courses / Mini-Project	100%	—	50% CIA
5	MOOC	—	—	As stipulated by the MOOC agency
6	Audit Course	40%	60%	45% ESE & 50% (CIA+ESE)
7	Internship	50%	50%	45% ESE & 50% (CIA+ESE)
8	Dissertation Phase 1	100%	—	50% CIA
9	Dissertation Phase 2	50%	50%	45% ESE & 50% (CIA+ESE)

R 6.15 For courses with no ESE, Letter Grade F shall be awarded if CIA marks fall below 50%.

R 6.16 Students who receive F grade shall appear in the ESE at the next available opportunity. Grades from supplementary examinations shall be treated as final.

R 6.17 A student shall be eligible for the award of M.Tech Degree on: (i) fulfilment of all curriculum requirements within the maximum permitted duration; and (ii) no pending disciplinary action.

Grading System

R 6.18 Grading shall be based on the percentage of total marks (CIA + ESE) obtained by the student in each course. Grade cards shall contain grade, credit, SGPA, and CGPA.

Grade	Grade Point	% of Total Marks
S	10	90% and above

Grade	Grade Point	% of Total Marks
A+	9	85% and above but below 90%
A	8.5	80% and above but below 85%
B+	8	75% and above but below 80%
B	7.5	70% and above but below 75%
C+	7	65% and above but below 70%
C	6.5	60% and above but below 65%
D	6	55% and above but below 60%
P (Pass)	5.5	50% and above but below 55%
F (Fail)	0	Below 50% (CIA+ESE) or below 45% in ESE
FE	0	Failed due to lack of eligibility criteria (attendance)
AB	0	Absent for ESE but fulfils eligibility criteria

R 6.18a $SGPA = \Sigma(C_i \times GP_i) / \Sigma C_i$, where C_i is the credit and GP_i is the grade point for course i. Summation covers all courses registered in that semester, including failed and incomplete ones.

R 6.18b $CGPA = \Sigma(C_i \times GP_i) / \Sigma C_i$, where summation covers all courses in the curriculum up to and including the relevant semester. MOOC courses successfully completed shall be assigned $GP_i = 10$ for both SGPA and CGPA calculations.

Classification of Degree

R 6.19 First Class with Distinction: CGPA 8.0 and above. First Class: CGPA 6.0 and above. Equivalent Percentage = $CGPA \times 10$.

R 6.20 Grade cards shall be made available in the student login portal every semester. On earning all required credits, the University shall issue the Degree Certificate and Consolidated Grade Card.

Valuation and Review

R 6.21 For University-conducted theory examinations, answer papers shall be valued by two examiners from different colleges. If the difference in marks exceeds 15% of the maximum ESE marks, a third examiner shall evaluate the script. The average of the two closest marks shall be the final score. If one mark falls exactly midway between the other two, the highest two shall be averaged.

R 6.22 For College-conducted examinations, answer papers shall be evaluated by at least two internal examiners and, where applicable, one external examiner as per the College's Examination Manual.

R 6.23 Revaluation: Revaluation is not available. However, students may apply for review of answer scripts. The review outcome may result in improvement of marks. Marks from all three evaluations (1st, 2nd, review) shall be considered; the average of the two closest shall be the final mark. Detailed procedure shall be in the Examination Manual.

R 6.24 Malpractice: Any violation of examination norms shall be dealt with as per the Examination Manual and applicable University orders.

7. ACADEMIC MONITORING AND STUDENT SUPPORT

R 7.1 The implementation and monitoring of academic activities shall be entrusted to the College Level Academic Committee (CLAC) and the Department Level Academic Committee (DLAC).

■ CLAC — Composition

- Principal — **Chairperson**
- PG Dean — Secretary
- Heads of Departments / PG Coordinators of departments with M.Tech Programmes — Members
- UG Dean — Member
- Dean Research — Member

■ CLAC — Functions

CLAC shall meet at least twice per semester. Minutes and action-taken reports shall be countersigned by the Principal and maintained in the PG Dean's Office. The agenda shall include:

- Review of course coverage progress against the Academic Calendar
- Academic standards and excellence across programmes
- Faculty performance appraisal as reported by DLAC
- Matters related to postgraduate programmes
- Any responsibility assigned by the University

■ DLAC — Composition

- Head of Department — **Chairperson**
- PG Coordinator — Secretary
- Programme Coordinators of all M.Tech Programmes — Members
- Department UG Coordinator — Member
- Two Faculty members handling PG Classes — Members

DLAC — Functions

DLAC shall meet at least three times per semester. The agenda shall include:

- Academic standards and excellence of courses
- Verification of course progress against the Academic Calendar
- Oversight of continuous internal evaluation
- Faculty performance appraisal
- Any matters related to the M.Tech programme

R 7.2 PG Coordinator: Each department shall have a Professor as PG Coordinator, responsible for supervising course activities, advising students, maintaining academic records, and attendance monitoring.

R 7.3 Programme Coordinator: Departments offering more than one M.Tech programme shall designate a senior faculty member as Programme Coordinator (who shall also serve as Faculty Adviser). Responsibilities include coordinating academic activities, advising students, maintaining records, communicating with parents, and keeping custody of meeting minutes.

R 7.4 CIA marks and attendance shall be uploaded to the University/College portal by the respective faculty after display on the department notice board. Anomalies raised by students shall be rectified by the College. A copy of CIA marks shall be kept in the department for reference.

R 7.5 Mentor-Mentee System: Every M.Tech student shall be assigned a faculty mentor who shall meet the mentee at least once per month to discuss academic progress, attendance, and personal well-being.

8. BREAK OF STUDY

R 8.1 Students may avail break of study for a maximum of two semesters, which may extend the programme to a maximum of eight semesters. Prior University approval is required; the Principal shall upload the request with all supporting documents. On rejoining, the student must re-commence from the semester where the break was availed. Permissible grounds for break of study are:

- Accident or serious illness requiring prolonged hospitalisation and rest.
- Personal reasons necessitating a break.
- Taking up employment.

R 8.2 For illness-related break: the student shall submit medical reports and a doctor's recommendation. A fitness certificate from the treating doctor is required before rejoining.

R 8.3 For personal reasons: the Principal shall verify the genuineness of the reason on the basis of authentic evidence.

R 8.4 For employment-related break: the student shall produce an offer letter from the employer. The Principal shall verify authenticity and submit a recommendation to the University sufficiently in advance.

R 8.5 Students applying for Break of Study may be granted an extension beyond the permitted duration, based on Department recommendation and Academic Council approval.

9. ACADEMIC AUDITING

R 9.1 Academic auditing shall be conducted at stipulated intervals. The Internal Quality Assurance Cell (IQAC) shall conduct internal auditing. External auditors appointed by the University shall conduct external audits. The IQAC shall prepare audit statements in formats prescribed by the University each semester. External auditors shall submit the final audit report to the University through the University portal. Academic auditing shall cover:

- Course delivery and adherence to the Academic Calendar, including meetings of various committees.
- Syllabus coverage and quality of internal question papers.
- Maintenance of laboratory equipment and experimental setups.
- Mini-project, seminar, and project evaluation quality.
- Innovative teaching methods and conduct of practical classes.
- Co-curricular and extra-curricular facilities.
- Academic functioning including punctuality, attendance, discipline, and accountability.
- Learning ecosystem, academic achievements, and benchmarking.

10. MIGRATION FROM OTHER UNIVERSITIES

R 10.1 Migration from other Universities shall be permitted only if the parent University is approved by UGC/AICTE/AIU and subject to recommendation by the College BoS.

R 10.2 Migration shall be permitted only if the student meets the College/University admission eligibility criteria and has passed all previous semesters at the parent University.

R 10.3 Migration shall be permitted only up to the third semester of the M.Tech programme.

R 10.4 Admission shall be offered on a lateral credit-transfer basis.

R 10.5 The student must satisfy the rules and regulations of the University regarding backlogs, grade points, and minimum credit requirements.

R 10.6 Admission shall be subject to seat availability at affiliated colleges/institutions. A no-objection certificate from the concerned college/institute shall be required.

R 10.7 Migrated students shall register for any transitory/additional courses of previous semesters as recommended by the BoS.

- R 10.8** Documents required: Migration certificate from parent University, character and conduct certificate, attested copies of all mark lists from 10th onwards, Regulations and Syllabus of the parent University attested by its Registrar.
- R 10.9** Migration fee: Application processing fee of Rs. 5,000/- and migration fee of Rs. 20,000/-. Fees once paid shall not be refunded. Colleges that were affiliated to State Universities (excluding Deemed Universities) before the APJAKTU Act are exempted from both fees.
- R 10.10** Migrated students shall follow all rules and regulations of the University and the College.

11. GRACE MARKS — SPORTS / ARTS COMPETITIONS

- R 11.1** Only bona fide, regular students are eligible for Grace Marks.
- R 11.2** Grace Marks shall be awarded for representing the University in official competitions/championships/tournaments with prior University permission.
- R 11.3** The maximum Grace Marks per semester for all events shall be 5% of the aggregate maximum ESE marks of all theory courses for which the University conducts ESE.
- R 11.4** Grace Marks for any single theory course shall not exceed 10% of the maximum ESE marks of that course.
- R 11.5** Grace Marks shall not be awarded for Programme Electives, Research Methodology & IPR, Laboratory Courses, Industry/Interdisciplinary Elective, Mini-Project, Audit Course, or Dissertation/Research Project.
- R 11.6** Grace Marks shall be distributed equally across all eligible theory courses. Redistribution is permissible from passed courses to failed courses only.
- R 11.7** Grace Marks shall be awarded only for the regular examination of the performing semester, not for supplementary examinations.
- R 11.8** The performing semester shall be 1st July – 31st December (Odd semester) and 1st January – 30th June (Even semester).
- R 11.9** Redistribution shall only enable a candidate to reach the minimum pass mark. Cross-semester redistribution is not permissible.
- R 11.10** Only a single highest achievement during the period of a semester shall be considered.
- R 11.11** The request for Grace Marks shall be submitted to the Controller of Examinations through the Principal, with all relevant documents, within the prescribed time limit.
- R 11.12** The guidelines in the Examination Manual and orders issued by the University from time to time shall prevail.

12. GRACE MARKS — DIFFERENTLY ABLED CANDIDATES

- R 12.1** A Person with Disability (PWD) is defined as a student with not less than 40% disability, as certified by the District Medical Board. The disability certificate specifying the percentage shall be submitted to the principal at the time of admission.
- R 12.2** PWD candidates shall be awarded Grace Marks of 25% of the marks scored in each course, at the time of finalization of results.
- R 12.3** Transfer of marks from one paper to another is not permitted. Fractions of Grace Marks shall be rounded off to the next higher integer.
- R 12.4** PWD candidates shall receive Grace Marks for both regular and supplementary examinations until they pass the whole examination.
- R 12.5** Grace Marks shall apply only to End Semester Examinations conducted by the University.
- R 12.6** The request shall be submitted to the Controller of Examinations through the Principal, with all relevant documents, within the prescribed time limit. Late requests shall not be entertained.

Note – The method of awarding Grace Marks and whether they apply to the entire subject or to specific assessment components is as clearly specified above. Grace Marks shall be awarded only after the student satisfies the minimum passing requirements of the semester.

13. SPECIAL PROVISIONS FOR AUTONOMOUS STATUS

- R 13.1** Curriculum Review: The BoS shall review and update the curriculum at least once every **three years** to incorporate emerging technologies, industry requirements, and NEP 2020 guidelines.
- Note –** Feedback from graduates, collected approximately one year after graduation (after completion of one batch), shall be an important input for future curriculum revisions.
- R 13.2** Choice of MOOCs: Students shall select MOOC courses from the list approved by the BoS or Programme Coordinator. Courses from NPTEL, Coursera, edX, or equivalent platforms recognised by the College are acceptable. Students must complete the MOOC with a valid certification by the end of Semester III.
- R 13.3** Internship: The Semester III internship (3 credits) shall be of at least 8 weeks duration in an industry, R&D organisation, or research institution approved by the Programme Coordinator. A report and presentation shall be evaluated at the end of the internship.
- R 13.4** Dissertation: The dissertation shall be an original contribution to knowledge. The supervisor and co-supervisor (if any) shall be assigned by the HoD by the end of Semester II. A mid-term review of Phase 1 shall be conducted by a Dissertation Evaluation Committee in Semester III.
- R 13.5** Anti-Plagiarism: All dissertations and reports shall be screened for plagiarism using University/College-approved software. The similarity index shall not exceed the threshold prescribed by UGC/APJAKTU. Detected plagiarism shall be dealt with as per the College's Academic Integrity Policy.

R 13.6 Grievance Redressal: Students may appeal CIA marks, attendance decisions, or other academic matters to the Programme Coordinator within 5 working days of display of results. Unresolved grievances may be escalated to the HoD and subsequently to the Principal. The decision of the Principal shall be final at the college level.

R 13.7 These Regulations shall be read in conjunction with APJAKTU M.Tech Regulations 2022 (or the latest version in force). In the event of any conflict, the University's Regulations shall prevail.

POINTS TO REMEMBER

Students are advised to keep the following key points in mind throughout the programme:

- ❖ Minimum 75% attendance is mandatory in every course for ESE eligibility.
- ❖ Credits are earned only on securing a P grade (50% composite, 45% ESE minimum).
- ❖ CGPA $\geq$ 8.0 for First Class with Distinction; CGPA $\geq$ 6.0 for First Class.
- ❖ Maximum programme duration is 4 years (N+2).
- ❖ Register for all courses every semester — unregistered courses cannot be examined.
- ❖ MOOC certification must be completed and submitted before the end of Semester III.
- ❖ Internship report and presentation must be submitted within Semester III.
- ❖ Dissertation Phase 1 must be completed with a minimum of 50% CIA marks.
- ❖ All dissertations must clear plagiarism screening before final submission.
- ❖ Grace Marks are applicable only for ESE; not for supplementary exams.
- ❖ Break of study requires prior University approval through the Principal.
- ❖ Migration requests are accepted only up to Semester III with all prescribed documents.
- ❖ Keep copies of all submitted documents — originals may be demanded by the University.

Approved by the Academic Council, Jyothi Engineering College (Autonomous)

*Jyothi Hills, Panjal Rd, Vettikattiri, Cheruthuruthy, Thrissur, Kerala –
679531 Affiliated to APJ Abdul Kalam Technological University, Kerala*

For clarification, contact the Programme Coordinator or PG Coordinator of your department.