



APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY

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APJ Abdul Kalam Technological University Thiruvananthapuram

Abstract

APJAKTU - Academic - M. Tech 2022 Regulations - Conduct of End semester examination and Evaluation Pattern of the Course - Research Methodology and IPR (221RGE100) - Orders Issued - reg

ACADEMIC SECTION

U.O.No. 3429/2023/KTU

Thiruvananthapuram, Dated: 29.12.2023

*Read:-*1. Minutes of the 21st meeting of Academic Council dated 13/02/2023, vide item 021.3.31
2.E-mail dated 19/12/2023 from Dean Academics..

ORDER

Vide paper read as 1 above, the 21st meeting of the Academic Council resolved to approve the End Semester examination pattern and procedure for conducting S1 M. Tech Examinations (M. Tech 2022 Regulations) with the suggested modification that for the Academic Year 2022 - 2023, the End Semester Examination for the subject **Research Methodology and IPR (221RGE100)**, will be conducted with the question paper set by the respective colleges.

As per the examination Pattern for the conduct of the course **Research Methodology and IPR**, the question paper shall contain two parts; Part A and Part B. Part A questions will be the same for all streams of the M. Tech program 2022 scheme and the question in Part B will be different for each stream based on the research paper.

Vide paper read as 2 above, as directed by the Dean Academics as there are constraints with regard to the implementation of QP setting of Part B of MTech S1 Research Methodology the decision of the Academic Council vide paper read as 1 above shall be implemented for the Academic year 2023-2024 also.

As part B of the question is based on a research article from the respective M. Tech discipline, it is feasible to follow the decision of the 21st meeting of the Academic Council on the conduct of the end semester examination for the course **Research Methodology and IPR (221RGE100)** for the Academic Year 2023 - 2024.



In these circumstances, Sanction is accorded to implement the decision of the Academic Council for the current academic year that the end semester examination for the subject **Research Methodology and IPR (221RGE100)**, will be conducted with the question paper set by the respective colleges and evaluation done by the colleges for the Academic Year 2023 - 2024 by invoking 14(5) of the University act subject to ratification by the Academic Council.

The pattern for the conduct of end semester examination for the M. Tech electives and Research Methodology and IPR is attached as annexure.

Orders are issued accordingly.

Sd/-

Dr Saji Gopinath *
Vice Chancellor

Copy

to:-
1.Principals of KTU Affiliated colleges
2.PS to VC
3.PA to Registrar/Controller of Examinations/Dean Academic
4.JD(IT)/JD Academics

Forwarded / By Order

Section Officer

* This is a computer system (Digital File) generated letter. Hence there is no need for a physical signature.



CONDUCT OF END SEMESTER EXAMINATION FOR
M.TECHELECTIVE COURSES AND RESEARCH METHODOLOGY &
IPR

1. QUESTION PAPER PATTERN FOR ELECTIVES

The end semester examination will be conducted by the respective Colleges. The question paper shall have two parts; Part A and Part B.

Part A will contain 5 numerical/short answer questions with 1 question from each module, having 5 marks for each question (such questions shall be useful in the testing of knowledge, skills, comprehension, application, analysis, synthesis, evaluation and understanding of the students). Students should answer all questions.

Part B will contain 7 questions (such questions shall be useful in the testing of overall achievement and maturity of the students in a course, through long answer questions relating to theoretical/practical knowledge, derivations, problem solving and quantitative evaluation), with minimum one question from each module, out of which the student should answer any five. Each question should carry 7 marks.

2. QUESTION PAPER PATTERN FOR RESEARCH METHODOLOGY & IPR

The examination will be conducted by the respective college with the question prepared by the respective College. The examination will be for 150 minutes and shall contain two parts; Part A and Part B. Part A will have 6 short answer questions with 1 question each from modules 1 to 4, and 2 questions from module 5. Each question shall have 5 marks. Part B shall have only 1 question based on a research article from the respective discipline and will be for 30 marks. The students are to answer the questions based on the research article. There will be six different sets of question papers: Part A questions will be the same for all streams; The question in Part B will be different for each stream and shall be prepared as per the table below:

Stream	Research Article
BT1, CH1-CH3	Chemical Engg Based
CE1-CE6, ID1, ID7	Civil Engg Based
CS1-CS4, IT1, ID2	Computer Science Based
EC1-EC8, BM1, ID3, ID4	Electronics & Communication Based
EE1-EE7	Electrical Engg Based
ME1-ME7, IP1-IP3, ID5, ID6, ID8, ID9	Mechanical Engg Based

Note: The QP for RESEARCH METHODOLOGY & IPR will be provided by the University from next AY onwards.



3. PROCEDURE FOR THE CONDUCT OF THE M.TECH ELECTIVES AND RM&IPR EXAMS

- The End Semester Examinations of all elective courses of the M.Tech programmes shall be conducted internally by the colleges. The Chief Superintendent is the authority to conduct the exam as per the normal procedures.
- The examination shall be conducted for all the M.Tech students by allotting false numbers. The allocation of the false numbering is to be done by the PG Dean. After the examination, the answer scripts shall be kept with the Principal/Chief Superintendent.
- No re-examination will be allowed for these examinations. Students who are absent for these examinations shall appear for the semester examinations as and when offered by the University.
- Minimum two sets of question paper shall be set for each course. One question paper shall be prepared by the faculty concerned who taught the course and the second by another faculty in the department entrusted by the Head of the Department. The question paper shall be as per the pattern specified in the regulation/curriculum of the University.
- The maximum duration of the examination will be 2 hours and 30 minutes.
- A committee is to be constituted department-wise at each college (Department Level Academic Committee). This committee should scrutinize the question paper for its conformity to the format specified in the curriculum/regulation and for quality assurance. The question paper shall be kept under the safe custody of Chief Superintendent.
- The valuation of answer scripts shall be done by the faculty members. There will be two valuations of the answer script. The first valuation will be by the faculty who taught the course and the second valuation by another faculty entrusted by the Head of the Department to set the question paper. The valuation shall be carried out as per the existing guidelines of the University for the End Semester Examinations. After the valuation, the faculty should handover the mark sheet to PG Dean, who in turn will consolidate it as per the guidelines for PG evaluation.
- After valuation of the answer scripts, the marks of all students shall be published by the Principal.
- Grievances if any, raised by the students, shall be addressed by the grievance/redressal cell of the college. **The decision(s) of the Head of the Institution will be final in all matters pertaining to this examination.**
- All documents including question paper, valued answer scripts, scheme of valuation etc. related to the conduct of this examination is subject to scrutiny by the University at any time. It will also be audited during the academic audit by the external



auditors. The documents (in hard copy) shall be kept in the safe custody of the Principal/ Superintendent of Examinations for a minimum duration of 365 days after the completion of examinations.

- The final marks scored by the students in each course shall be entered in the University portal jointly by the respective faculty and the PG professor.
- Students who fail in this examination shall appear for the semester examinations as and when offered by the University.

4. PROCEDURE FOR THE CONDUCT OF THE LABORATORY COURSES

The laboratory courses will have only Continuous Internal Evaluation and will be for a total of 100 marks. 60 marks will be for the continuous assessment and 40 marks for the final assessment. The final assessment shall be done by two examiners; one examiner will be a senior faculty from the same department.

All documents including question paper, valued answer scripts, scheme of valuation etc. related to the conduct of this examination is subject to scrutiny by the University at any time. It will also be audited during academic audit by the external auditors.

The documents (in hard copy) shall be kept in the safe custody of the Principal/ Superintendent of Examinations for a minimum duration of 365 days after the completion of examinations.

