



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

**Manual of Procedure for conduct of
University Examinations
(Technical Campus, Sikkim Manipal University)**

Version 2.0

Sikkim Manipal Institute of Technology

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About Sikkim Manipal University

Sikkim Manipal University (SMU) was established in 1995 vide Sikkim Manipal University of Health, Medical and Technological Sciences Act (Act No. 9 of 1995). Sikkim Manipal University was born to with the basic objective of strengthening the close link of education to skill development and the making the youth of Sikkim educated, skilled and employable, giving them the capacity to harness diverse opportunities both within and outside Sikkim. Sikkim Manipal University offers quality education to the students from North and Northeastern parts of India and latest health care facilities at affordable costs to the people of Sikkim.

VISION

Global Leadership in Human Development, Excellence in Education and Healthcare.

MISSION

Develop professionals of excellent technical calibre in the field of Health Science, Engineering, Management and Social Sciences with a human approach capable of shouldering the responsibility of building the nation and be globally competent.

CORE VALUES

Integrity and Honesty

We conduct ourselves ethically and legally in all situations upholding stakeholder trust.

Committed to Teams, Accountable for Results and Passion to Win

We are passionate about winning and hold ourselves accountable to organizational goals. We believe in teamwork and foster a performance driven culture across the organization.

Achieving Social Impact

We fulfill our responsibility to society, continuously contributing to build a better world.

Respect and Fairness

We trust every individual and treat them with dignity, respect and fairness. We practice open and honest communication at all times.

Excellence through Quality, Innovation and Leadership

We are committed to delivering superior programs and academic services through continuous innovation and leadership at all levels.

Contents

<i>Chapter No.</i>	<i>Details</i>	<i>Page No.</i>
Chapter – I		8
	<ol style="list-style-type: none">1. Examination System at Technical Campus2. University examination calendar3. Examination Timetable	
Chapter – II		10
	<ol style="list-style-type: none">1. Eligibility of candidates for appearing in examinations2. Regular student list3. Application for backlog subjects4. List of Rejoining Students5. Lists of Candidates for each paper6. Detention List7. Preparation of Hall Ticket8. Issue of Hall Tickets	
Chapter – III		13
	<ol style="list-style-type: none">1. Appointment of Examiners- Theory subjects2. Lab Subjects3. Major Projects4. Mini Project/Industrial Training/Seminar/Viva-Voce	
Chapter – IV		15
	<ol style="list-style-type: none">1. Setting of question papers2. Guidelines of preparing Question Paper3. Moderation of Question papers (Revised QP Moderation committee structure in 64th ASM (Agenda:08))4. Submission of moderated question paper	
Chapter – V		17
	<ol style="list-style-type: none">1. Storage of Question paper2. Selection3. Sorting4. Printing and Packaging5. Responsibility for Security and Confidentiality of Question Paper	

Manual of Procedure for Conduct of University Examinations

Chapter No.	Details	Page No.
Chapter – VI	<ol style="list-style-type: none">1. Conduct of Examination2. Seating Arrangement	18
Chapter – VII	<ol style="list-style-type: none">1. Invigilation2. Duties of invigilators3. Duties of DTTOs4. Duties of Attendants5. Illness of Candidate in Examination Hall	19
Chapter – VIII	<ol style="list-style-type: none">1. Examination Rules	24
Chapter – IX	<ol style="list-style-type: none">1. Acts of Malpractice2. Procedure to follow (Revised Act of Malpractice in 64th ASM (Agenda:07))3. Guidelines for award of punishment4. Malpractice inquiry committee5. Malpractice Report Form	28
Chapter – X	<ol style="list-style-type: none">1. Collection of Answer Scripts from examination Halls2. Submission of Answer scripts at Office of DCE(Tech)	32
Chapter – XI	<ol style="list-style-type: none">1. Central Evaluation2. Issue of Answer scripts to Examiners3. Evaluation4. Scrutiny5. Submission of mark in A-Form	34

Manual of Procedure for Conduct of University Examinations

<i>Chapter No.</i>	<i>Details</i>	<i>Page No.</i>
Chapter – XII		36
	<ol style="list-style-type: none">1. Practical Examination2. Submission of mark of Practical Examination3. Assessment and grading of mandatory/compulsory audit course4. Industrial Training	
Chapter - XIII		38
	<ol style="list-style-type: none">1. Submission of mark of internal assessment	
Chapter – XIV		39
	<ol style="list-style-type: none">1. Grade Calculation2. Award of Grades3. Publication of Grade Results4. CGPA Compilation5. Publication of CGPA result	
Chapter - XV		42
	<ol style="list-style-type: none">1. Re-evaluation	
Chapter - XVI		43
	<ol style="list-style-type: none">1. Promotion to next academic year/session2. Minimum & Maximum period for completion of the course	
Chapter – XVII		46
	<ol style="list-style-type: none">1. Issue of Certificates	
Chapter – XVIII		47
	<ol style="list-style-type: none">1. Clearing of backlog papers2. Parallel semester3. Extension of mini and major projects4. Backlogs/Extension in Mini/Major Project/Dissertation/Industrial Training/Viva-voce/Seminar, in case of failure/absence in final presentation.	

Manual of Procedure for Conduct of University Examinations

Chapter No.	Details	Page No.
Chapter – XIX	1. Faculty remuneration for conduct of examination	49
Chapter – XX	1. Education verification	50
Chapter – XXI	1. Fee for various services related to Examination	51
Chapter – XXII	1. Issuance of documents from Exam Section, SMIT	53
Chapter – XXIII	1. Award of Rank Certificate/Medals	54
Chapter – XXIV	1. Course Coding Scheme 2. Allotment of Unique Admission/Registration Number at time of admission	55
Chapter – XXV	1. SMU Credit Transfer Policy: Guideline to be followed at SMIT	58
Chapter – XXVI	1. Loss of Certificates	59
Chapter–XXVII	1. National Academic Depository(NAD)	60
Chapter-XXVIII	1. Maintenance of records 2. Storing of Answer Scripts 3. Question Papers 4. Strong Room	61

<i>Chapter No.</i>	<i>Details</i>	<i>Page No.</i>
	5. Reprographic Room	
	6. Disposal of used Answer scripts	
	7. Cyber Security	
	8. CCTV Surveillance	
	9. Backup of Server	
Chapter – XXIX		64
	1. Duties and Responsibilities	
Annexure		67
	Annexure – 1: Courses offered at Technical Campus, SMU	
	Annexure – 2: Subject coding scheme	
	Annexure – 3: Schema of B. Tech. First Year (Common) Course	
	Annexure – 4: Schema of higher semesters (III to VIII) of all B. Tech. and other Courses	
	Annexure – 5: Examination Timetable	
	Annexure – 6: Question Paper Opening Certificate	
	Annexure – 7: Room Superintendent’s (Invigilator’s) Diary (front & back)	
	Annexure – 8: Room Superintendent’s (Invigilator’s) Diary (inner pages)	
	Annexure – 9: Relieving Certificate	
	Annexure – 10: Practical Examiner’s Diary	
	Annexure – 11: Flow of answer scripts	
	Annexure – 12: Front page of answer script	
	Annexure – 13: Inner page of answer script	
	Annexure – 14: Answer script of Practical answer script	
	Annexure – 15: Hall Ticket	
	Annexure – 16: Instruction to students at back of Hall ticket	
	Annexure – 17: Assignment of locker to Examiner	
	Annexure – 18: Application for Degree Certificate	
	Annexure – 19: Migration Certificate	
	Annexure – 20: Application for Migration Certificate	
	Annexure – 21: Provisional Degree Certificate	
	Annexure – 22: Application for Provisional Degree Certificate	
	Annexure – 23: Transcript (Front)	
	Annexure – 24: Transcript (Back)	

Manual of Procedure for Conduct of University Examinations

<i>Chapter No.</i>	<i>Details</i>	<i>Page No.</i>
	Annexure – 25: Application form for Transcript/Grade sheet/ Duplicate Certificates/Name Correction etc.	
	Annexure – 26: Screen shot of Grade result publication on the web	
	Annexure – 27: Screen shot of CGPA result on the web	
	Annexure – 28: Screen shot of Grade sheet preparation	
	Annexure – 29: Screen shot of Degree Certificate preparation	
	Annexure – 30: Screenshot of online application for backlog subjects main page	
	Annexure – 31: Screenshot of online application for backlog subjects in detail	
	Annexure – 32: Use of e-Campus, a web-based portal for in- semester mark generation.	
	Annexure – 33: Blank Degree Certificate	
	Annexure – 34: Cancelled Degree Certificate of all courses from SMIT	
	Annexure – 35: Program Master registered in NAD for all Programs in SMU in regular mode	
	Annexure - 36: Malpractice Enquiry Committee Form	
	Annexure – 37: Malpractice Report Form	
	Annexure – 38: Re-Evaluation application form	
	Annexure – 39: Backlog Subject Examination Application Form	
	Annexure – 40: Malpractice Punishment Award Notice	
	Annexure – 41: Remuneration Chart	
	Annexure – 42: PhD course work certificate	
	Annexure – 43: Credit Transfer Policy	
	Annexure – 44: Sample grade sheet issued to a transferred student.	

Chapter I

1. Examination System at Technical Campus, SMIT.

CGPA system is followed for all the courses offered at Sikkim Manipal Institute of Technology (SMIT), a constituent Institute of Sikkim Manipal University (SMU). Grades are awarded to students for each subject. GPA/CGPA are awarded at the end of each semester or Course.

2. University Examination Calendar

Academic Calendar, published prior to the commencement of each semester, contains the date of all Examinations; University Examination at the end of Semester as well as internal assessment (Sessional Examinations). Examinations are conducted during the period as mentioned in Academic Calendar

3. University Examination Timetable

- 3.1 Timetable for University Examination is prepared by the Dy. Controller of Examination-Technology [DCE (Tech)] and is published 6-8 weeks prior to the commencement of Examination.
- 3.2 Exam Timetable is published on all notice boards as well as on the web for wide circulation.
- 3.3 Corrections, if any, done at later stage are also published in form of Appendices as Corrigendum.
- 3.4 Before preparation of the Exam Timetable, the list of elective subjects for different courses offered during the semester are obtained from Head of all the Departments. Schema for each course and history of change of syllabus for each subject are thoroughly checked. The subjects which were offered earlier and have been discontinued are also checked if there are any students in those papers having back-logs. If there are students, these papers are also scheduled for the examination.
- 3.5 The draft version of the Timetable is circulated to all the Departments to check if there is any clash or omission of any subjects or any error related to subject code,

Manual of Procedure for Conduct of University Examinations

subject title etc. After thorough checking, Timetable is published after taking approval from the Head of the Institute.

- 3.6 A copy of Semester Examination Timetable is shown in Annexure 5. A corrigendum to timetable is also shown in Annexure 5.
- 3.7 Timetable of internal assessment (Sessional Examinations) are prepared by the Chief Time Table Officer & Exam Coordinator (CTTO).

Chapter – II

1. Eligibility of candidates for appearing in examinations

For all courses offered at Technical Campus, the criteria for a student appearing for university Examination is having a minimum of 75% of attendance.

2. Regular student list

List of all the regular students appearing for the examination is prepared for each course at least 4 weeks before the commencement of examination.

3. Application for backlog subjects

Students are given opportunity to clear their backlogs of previous semesters in the regular exams as well as supplementary exam. Students are notified sufficiently in advance before commencement of examination to apply for backlog papers in prescribed form either online or offline. A sample copy of offline application form is shown in Annexure 39 and online application as shown in Annexure 30 and 31. Offline application are received by the office of Head of the Departments for regular examination and online applications are applied directly to the office of DCE (Tech). Department sends the consolidated list of backlog subjects applied to the office of DCE (Tech).

However, applications for backlog subjects in Supplementary examination are collected directly at the office of DCE (Tech), both online and offline.

4. List of Rejoining students

Students who are detained due to lack of required attendance are permitted to rejoin in respective subjects. Students with very low internal marks are also given opportunity to improve their internal mark by rejoining. The list of such students are obtained from the Departments for each subjects.

5. Lists of Candidates for each paper

The subject wise consolidated list is provided to CTTO & Exam Coordinator for preparing seating plan.

6. Detention List

One week before the of the commencement of examination the list of students having attendance less than 75% is submitted to the office of the Associate Director (Academics) as per the notification issued from his office. Final detention list is prepared after a meeting of all Heads of the Departments.

If a student having less than 75% attendance due to genuine medical ground, he is given an addition 10% concession in attendance spread over a number of subjects.

7. Preparation of Hall Ticket

The consolidated list of students; regular, rejoined as well as students applying for backlogs is prepared at the office of DCE (Tech). From this list Hall ticket is generated for each student showing the list of all the subjects he has to appear during the examination. The subjects may be regular, rejoined, or backlog.

At back of the hall ticket relevant rules and regulation of University Examination is printed. (Front and the back side of the hall ticket is shown in Annexure 15 and 16)

8. Issue of Hall Ticket

Students appearing for examinations are issued hall ticket, which contains the list of subjects to be appeared during a particular Examination, both regular and backlog subjects.

Office of the DCE (Tech) prints the hall tickets and send to the respective Departments for distribution to students. Students appearing exclusively for backlog subjects collect their hall ticket from the counters of Exam Cell. Students are required to show their Identity Card issued from the Institute while collecting hall ticket. Students having outstanding dues are not issued hall tickets. In exceptional cases students have to get approval from the Head of the Institute for getting hall ticket.

Manual of Procedure for Conduct of University Examinations

In case, a student is detained in a subject due to shortage of attendance, corresponding subjects are marked with “DETENTION” before hall ticket is issued. Students are not allowed to appear in the examination if he/she is detained in a subject.

Chapter – III

Appointment of Examiners

1. Theory subjects:

Before conduct of each end semester, examination office of DCE (Tech) sends the request to Head of the Departments to send the list of examiners for each subject offered by them. In CGPA system, the subject teacher is the sole examiner of the subject he teaches. When a subject is taught by number of teachers, particularly for 1st year B. Tech subjects or subjects in higher semester with large number of students in different sections, that subject is evaluated by all the teachers involved in the teaching. In such cases questions are divided among the teachers and each examiner evaluates the same question of all the students.

2. Lab subjects:

At the end of semester, the schedule of last lab class is treated as end-semester lab examination. Two examiners are assigned for each lab examination. Head of the Department concerned assign examiners of each lab subjects in each lab examination session. The list of examiners for each lab exam sessions is sent to the office of DCE (Tech) before the conduction of laboratory exams.

3. Major Project:

- i) **For undergraduate courses**, the Projects/Dissertations are evaluated by three examiners. Two internals and one external examiners. Head of the Department concerned and guide of the project act as internal examiners. Head of Department or senior faculty from other relevant Department of the Institute acts as the external examiner.
- ii) **For Post graduate courses**, the Projects/Dissertations are evaluated by three examiners. Two internal and one external examiners. Head of the Department concerned and guide of the project act as internal examiners. External examiner is

Manual of Procedure for Conduct of University Examinations

invited from other Institute/College/University as the case may be with the approval of the Associate Director (Academics)/Director.

4. Mini Project/Industrial Training/Seminar/Viva Voce:

Minimum two examiners are assigned to evaluate Mini Project/Industrial Training/Viva Voce. Head of the Department, Coordinator of the program/Guide/Sr. Faculty of the Department concerned are considered as the examiners for both undergraduate/post graduate subjects.

Chapter – IV

1. Setting of question papers

- 1.1. Request for Question papers is sent to the Head of the Department immediately after publication of the Examination Timetable.
- 1.2. Two sets of question papers are requested for each subject taught in regular session. In case of backlog subjects and depending on the stock of available question papers, requisite number of question papers are requested.
- 1.3. Setting of question paper based on Blooms Taxonomy (BL) levels, Course outcome (CO), Program Outcome (PO) and Performance Indicator (PI).
- 1.4. Question paper setter must ensure that all course outcomes are covered while preparing the question papers
- 1.5. Proper balance of questions with various Blooms Taxonomy Levels (BL). It is suggested to keep questions of higher BL (3,4), application and analysis based questions up to 20 marks.
- 1.6. In CGPA system, Question paper for a subject is set by the teacher who teaches that subject. In case, a subject is taught by number of teachers, the Head of the Department assigns the teacher/teachers to prepare question papers.
- 1.7. Head of the Department coordinates the setting and submission of moderated question papers to the office of DCE (Tech) in time. He also ensures the confidentiality of question papers during setting, moderation and submission.

2. Guidelines of preparing Question Paper

A detailed guideline for preparing Question paper, its format etc. is issued to the Department. An SOP in this regard is given to all department

- 2.1 Question paper for all theory subjects is consisting of 100 marks with 5 questions. Each question carries 20 marks. Question 1 & 2 will cover Unit I, question 3 & 4 will cover Unit II and student can attend Question 5 (10 marks each from Unit I or II).

Manual of Procedure for Conduct of University Examinations

- 2.2 Question papers are set by the subject teacher teaching that subject as per format provided and sent to the Chairman of the Departmental Moderation Committee.
- 2.3 Question paper for all theory subjects is divided into two units with 4 questions in each unit. Students are required to answer 5 questions 20 marks each selecting at least two questions from each unit.
- 2.4 Question paper setter will take care to set questions to keep students busy for 3 hrs.
- 2.5 The question papers submitted to Exam Section are printed one sided on A4 paper with about 1 inch margin all sides. All pages are numbered as “1 of 2”, “2 of 2” if it contains two pages and as “1 of 3”, “2 of 3”, “3 of 3” and so on.
- 2.6 Question Papers must contain the batches for which it is applicable as well as credit it carries(if instructed to do so).

3. Moderation of Question Papers (Revised QP Moderation committee structure in 64th ASM (Agenda:08))

Each Department has a committee for Moderation of the question paper. All Question papers are to be divided equally among available faculty members in the department for effective moderation as shown in the table below

Subject	Moderator 1	Moderator2	Moderator3
Subject1	HOD/Course coordinator	Faculty I	Paper Setter I
Subject2	HOD/Course coordinator	Faculty 2	Paper Setter 2

Each question paper is thoroughly moderated by the committee to ensure the quality of questions, correctness of information/data, Subject code and Subject title, batches applicable for as per the exam timetable, without mistakes/ambiguity/grammatical errors, numbering of questions, marking, margin and alignment. Question papers must be as per guidelines/ format with proper breakup into units. Committee will also ensure the good print quality of question paper to be submitted in sealed envelope supplied for the purpose.

4. Submission of moderated question paper

Moderated question papers are submitted by a faculty member of the Department at the office of DCE (Tech) by the due date. Confidentiality is ensured at all levels.

Chapter – V

1. Storage of Question Paper

Question papers are stored in double locked lockers in the strong room of exam section. Copying and packaging of question papers are done exclusively the staffs of the Exam Cell in strong room in presence of DCE (Tech)/Asst. Controller of Exam (Tech). The key of the lockers remains with the DCE (Tech).

2. Selection of Question paper

DCE (Tech) selects one set of question paper at random out of two sets submitted by the Department.

3. Sorting

The question paper selected for the exam is sorted date and session wise for the printing and packaging. The remaining set is reserved for future use in Supplementary exam.

4. Printing and packaging

4.1 The printing/photocopying of question paper is done in strong room in presence of DCE (Tech)/ACE (Tech). The staff members at the Examination Section are only involved in printing and packaging of question paper.

4.2 Question papers of all the subjects scheduled at a particular time slot in Exam timetable are sealed and stacked together.

4.3 Sealed question paper is handed over to the Chief Superintendent/CTTO half an hour before the commencement of each exam session.

5. Security and Confidentiality of Question Paper

DCE (Tech) is the custodian of question papers and responsible for maintaining the confidentiality of the question paper submitted by the Departments.

Chapter – VI

1. Conduct of Examination

1.1 The team (Chief Superintendent/Members) shall be responsible for smooth conduction of the examination in coordination with Departmental Time Table Officers (DTTO)/Chief Time Table officer (CTTO). Associate Director (Academics) is the de facto Chief Superintendent of the Examinations at SMIT. An SOP for the conduct of examination is given in Chapter VIII.

1.2 The team should ensure that the proper time schedule is being followed as notified. While the Examination is in progress, the team should ensure that all the room Invigilators are discharging their duties properly and that there is no scope for malpractice.

1.3 The team shall be present in the campus throughout the Examination. Under no circumstances, should any member of the team leave the premises of the center where Examination is in progress. In case he/she wants to avail leave from the duty then he/she has to inform at least 2 days in advance and seek prior permission of the Chief Superintendent/DCE-Tech.

1.4 The team must take surprise rounds in examination rooms, to ensure that if any student has been found using unfair means, a malpractice case against him/her has been registered.

1.5 Candidates are allowed to enter the examination hall 5 minutes before the commencement of examination. Under exceptional circumstances, maximum time allowed for a candidate to enter examination hall is half an hour after the commencement of examination. Students are not allowed to leave the examination hall within one hour of the commencement of examination.

2. Seating arrangements

Seating arrangements for semester and Sessional examinations are prepared by CTTO with the consultation of DCE-Tech and Chief Superintendent of the Examination.

Seating arrangement is done in such a way that no two students appearing for same question paper are allowed to seat back to back or next to each other in a row.

Chapter – VII

1. Invigilation

1.1 Invigilation duty is assigned to each faculty of the Institute.

1.2 Two invigilators are assigned per examination hall with a capacity of 30 to 40.

1.3 Appointment of invigilators and assignment of rooms to invigilators are intimated to all invigilators through the Departments Timetable Officer (TTO) of respective Department.

1.4 Room assignment to invigilators is also displayed in the Exam Control Room (CTTO/Exam Co-ordinator Office)

1.5 Invigilation duties are assigned to faculties for each exam session by the CTTO /Exam Co-Ordinator approved by the Chief Superintendent of the Examination. The invigilation rule is made aware to each invigilator by CTTO or DTTO as required. **If due to unavoidable circumstances, the exchange of duties between the invigilators must be communicated to CTTO sufficiently in advance.**

2. Duties of Invigilators for University (Semester) Examination

2.1 Invigilators must collect the answer sheets **latest by 20 minutes before** the commencement of examination.

2.2 Invigilators must directly go to the examination hall after receiving answer scripts from the CTTO (Exam Co-ordinator) office.

2.3 Invigilators have to arrange the answer books in the examination hall according to the given seat plan. Also make sure that the writing board is clean.

2.4 The first bell will ring 10 minutes before the commencement of the exam, by this time all students should be seated in their respective seat as per the seat plan.

2.5 Invigilator must make sure that no students' carries books, notebooks, written material, bags, mobile phone etc. inside the examination hall. These items must be kept outside the hall and at their own risks. However in exceptional cases students can

Manual of Procedure for Conduct of University Examinations

handover the mobile phone in switched off mode to the invigilators before commencement of the examination.

- 2.6 Invigilators should read out the “**Instructions to the students**” as in instructions in the RS Diary (Attendance Sheet) before the distribution of the Question Paper. Any additional instructions to students as issued from the chief superintendent/CTTO must be communicated to the students.
- 2.7 A second bell will ring to indicate the commencement of the examination and the question papers to be distributed accordingly.
- 2.8 The invigilators should get attendance sheet filled by the students within first half an hour of the commencement of the examination. **They are to ensure that the correct information is entered in first cover page of answer book and in RS Diary.** Invigilators should invariably check the identity card and hall ticket for correctness of entries in first cover page viz. registration no, branch, subject code, subject name, year and also confirm that the correct Question paper is given to the students by signing in answer book. The declaration for the entries in first cover of answer book is also to be taken from the students in form of signature in next page of answer book.
- 2.9 Subject code and subject name should be verified in answer book, question paper and Hall ticket respectively.
- 2.10 No students are allowed inside the examination hall 30 **minutes after** the commencement of end semester examinations. No students are allowed to go outside the exam hall before 01 (one) hour after the commencement of the examination.
- 2.11 If any student is found in possession of any items mentioned in point 2.5 above then the item must be confiscated and malpractice case will be registered against them.
- 2.12 Invigilators are required to be vigilant inside the examination hall. Any case of malpractice should be reported to the chief Superintendent/Exam Coordinator on duty at the examination control room. **DO NOT ORDER THE STUDENTS REGISTERED FOR MALPRACTICE TO GO OUT OF THE EXAMINATION HALL AND PROVIDE ANOTHER ANSWER SCRIPT TO CONTINUE THE EXAM.**

Manual of Procedure for Conduct of University Examinations

- 2.13 **Invigilators are requested not to carry reading materials, viz. Magazines, Novels, and Newspaper etc. to the exam hall. Using mobile phones must be avoided at all times during the invigilation period of examination. However, it can be used in exceptional cases to communicate with examination cell.**
- 2.14 Once the final bell rings, invigilator should instruct students to stop writing and submit the answer booklet to him/her. The invigilator should not allow any student to leave the hall until he collects, counts and makes sure the correct number of answer book is with him. However, if the student wishes to leave the examination hall after completing his/her examination, they should handover answer booklet to invigilator. The invigilator should further ensure that students do not leave the answer booklets on the writing table un-attended.
- 2.15 Invigilators are requested to arrange number of the answer book as per the order in RS Diary subject wise number of the answer books should match the number of students appeared for the examination. Answer book of students under Malpractice should be handed over to CTTO/DTTO during examination.
- 2.16 Invigilators should then handover the answer books to the DTTOs (receiving officer) in examination cell. DTTOs will invariably check the registration number and the answer book serial number. He/ She then count the number of the answer booklet and the receipt is recorded in the RS Diary.
- 2.17 Invigilators assigned duty for the first time should get their doubts clarified from the DTTO/CTTO before performing the duty. Copy of the instructions should be available in all examination halls.
- 2.18 If two invigilators are allotted in the same examination hall; one should be in the front area and the other to be in the rear end of the exam hall.
- 2.19 Under any circumstances, none of the invigilators should leave the exam hall either in the first 30 minutes or in the last 30 minutes of the exam.
- 2.20 **Maximum of 15 minutes of relieving time can be availed by the invigilators** after the first 30 minutes or before the last 30 minutes of the examination. The examination hall shall never be without invigilators at any point of time during the examination. In case of extreme emergency, CTTO shall be contacted.

Manual of Procedure for Conduct of University Examinations

- 2.21 Any student who request for use of washroom must be accompanied by the floor attendant of each floor.
- 2.22 Any clarification about Question Paper shall only be cleared by the subject expert and not by the invigilator. They are requested to inform the CTTO in this regard.

3. Duties of TTOs

- 3.1 After question paper arrives in CTTO/Exam – Co-Ordinator office half an hour before the commencement of Examination, TTOs open the question paper packet in presence of CTTO and Chief Superintendent, count and arrange Question papers in different packets for each exam hall.
- 3.2 TTOs deliver Question papers to assigned exam halls before 10 minutes before exam.
- 3.3 TTOs also remain present near the assigned Exam halls at least for first 10 to 15 minutes and make sure exam in each hall is conducted smoothly.
- 3.4 In case of malpractice, TTOs are required to go to the exam hall and escort the student to the office of CTTO.
- 3.5 They take the statement of student, invigilators in malpractice reporting form.
- 3.6 At the end of the examination, TTOs collect the answer scripts from invigilators, verify the registration number and answer script number, count the answer scripts.

4. Duties of Attendants

- 4.1 Attendants on duty during examination process are present in each floor near the Exam hall.
- 4.2 They are required to cater for the need as and when required in Exam hall, i.e., supplying additional answer scripts, graph papers, statistical tables, threads etc.
- 4.3 They also pass on message from the invigilator to the CTTO/DTTOs when there is malpractice or any other exigencies.

5. Illness of candidate in Examination Hall

- 5.1 In case, any student falls ill in examination hall, invigilator immediately pass on the message to CTTO through attendant on duty near the exam hall.
- 5.2 Medical assistance is provided as appropriate by the medical staff in the Dispensary.
- 5.3 If candidate is not in a position to continue writing in the exam hall, invigilator takes his/her answer scripts and allow him/her to leave exam hall.
- 5.4 Students suffering from any disease are allowed to write examination in a separate examination hall.

Chapter – VIII

1. Examination Rules

Relevant Examination rules are already printed at the back of Hall ticket. Students must go through it and abide by it. Annexure 16 shows the instruction printed at the back of hall ticket.

2. Candidates must carry hall ticket and College Identity cards with him. Hall ticket must be signed by the candidate.
3. Candidates shall be in attendance outside the examination hall at least 15 minutes before the commencement of each paper but shall not enter the halls until they are requested to do so by the Room Superintendent.
4. On admission to the hall, a candidate shall occupy the seat allotted to him and shall not change it except on the specific instructions of the Room Superintendent.
5. No candidate shall be admitted to the examination hall for any reason whatsoever after the expiry of half an hour from the commencement of the examination. Nor shall a candidate be allowed to leave the seat until an hour has lapsed from the commencement of the examination or during the last half an hour of the paper. However, the candidate is allowed to leave after the submission of his paper after the expiry of first one hour.
5. A candidate should bring the Hall Ticket in the examination hall on every day of examination. His candidature is liable to be cancelled if he does not produce the 'Hall Ticket'. If he fails to bring his 'Hall Ticket' on any occasion, he shall sign an undertaking in respect of the paper for which he had not produced the 'Hall Ticket' and produce the 'Hall Ticket' on the next occasion when he appears for the examination. If it is the last paper or the only paper he is sitting, he shall produce the 'Hall Ticket' to the CTTO on the following day. If a candidate loses his 'Hall Ticket' in the course of the examination, he shall obtain a duplicate 'Hall Ticket' from the office of DCE(Tech) after paying a fee, for production at the examination hall.

Manual of Procedure for Conduct of University Examinations

6. No candidate shall carry information related to the concerned subject in any form. Electronic gadgets, books, notes, parcels, hand bags etc. which a candidate has brought with him should be kept at a place indicated by the Room Superintendent/ invigilator.
7. A candidate may be required to declare any item in his possession or person as asked by the Room Superintendent.
8. No candidate shall copy or attempt to copy from any book or paper or notes or similar material or from the scripts of another candidate. Nor shall any candidate either help another candidate or obtain help from another candidate or any other person. Nor shall any candidate conduct himself so negligently that an opportunity is given to any other candidate to read anything written by him. Nor shall any candidate use any other unfair means or obtain or render improper assistance at the examination.
9. No candidate shall submit an answer script which has been done wholly or partly by anyone other than the candidate himself.
10. Candidate shall bring their own pens, ink, mathematical instruments, erasers, pencils, or any other approved equipment or stationary which they have been instructed to bring.
11. Examination stationery will be supplied as and when necessary. **No sheet of paper or answer book supplied to a candidate may be torn, crumpled, folded or otherwise mutilated. If a candidate does any of these activities stated above, he / she will be registered under malpractice case.** No paper other than those supplied to him by the Room Superintendent / invigilator shall be used by candidates. All the material supplied, whether used or unused, shall be left behind on the desk and not removed from the examination halls.
12. Every candidate shall enter his registration number on the main answer book and on every additional answer book issued to him/her. He shall also enter all necessary particulars as indicated in the cover of the answer-book. All additional answer scripts given to the candidate must be tied with main answer script with thread. **A candidate who inserts on his script the registration number other than his own is liable to be considered as having attempted to cheat. A script that bears no registration number or a registration number which cannot be identified is liable to be rejected.** No candidate shall write his name or any other identifying mark on the answer script. **All additional**

Manual of Procedure for Conduct of University Examinations

answer sheet must be signed by the invigilator and the serial number of the additional sheet must be recorded to the RS diary.

13. All calculations and rough work shall be done only on paper designated and attached to the answer script. Such work should not be done on Hall Ticket, question papers or on any other paper. Any candidate who disregards these instructions runs the risk of being considered as having written notes or outline of answers with the intention of copying.
14. Any answer or part of an answer which is not to be considered for the purpose of assessment shall be neatly crossed out. If the same question has been attempted in more than one place the answer or answers that are not to be counted shall be neatly crossed out.
15. Candidates are under the authority of the Room Superintendent and shall assist him by carrying out his instructions and those of the invigilators, during the examination and immediately before and after it.
16. Every candidate shall conduct himself in the examination hall and its precincts so as not to cause disturbance or inconvenience to the Room Superintendent or his staff or to other candidates. In entering and leaving the hall, he shall conduct himself as quietly as possible. A candidate is liable to be excluded from the examination hall for disorderly conduct.
17. Candidates shall stop work promptly when ordered by the Room Superintendent / invigilator to do so.
18. Absolute silence shall be maintained in the examination hall and its precincts. A candidate is not permitted for any reason whatsoever to communicate or to have any dealings with any person other than the Room Superintendent / invigilator.
19. During the course of answering a paper no candidate shall be permitted to leave the examination hall temporarily. In case of an emergency, the Room Superintendent / invigilator shall grant him permission to do so but the candidate will be under his surveillance.
20. No person shall impersonate a candidate at the examination, nor shall any candidate allow himself to be so impersonated by another person.
21. Serious note will be taken of any dishonest assistance given to a candidate, by any person.

Manual of Procedure for Conduct of University Examinations

22. If circumstances arise which in the opinion of the Room Superintendent render the cancellation or postponement of the examination necessary, he shall stop the examination, collect the scripts already written and then report the matter as soon as possible to the CTTO/Chief Superintendent of Examination/Deputy Controller of examination.
23. The Room Superintendent / invigilator is empowered to ask any candidate to make a statement in writing on any matter which may have arisen during the course of the examination and such statement shall be signed by the candidate. No candidate shall refuse to make such statement or to sign it.
25. Every candidate shall hand over the answer script personally to the Room Superintendent/ invigilator or remain in his seat until it is collected. On no account shall a candidate hand over his answer script to the attendant, a minor employee or another candidate.
26. **Candidates are not allowed to carry answer booklet/additional answer sheets (written or blank) outside the examination hall.**
27. **Mobile phones/Electronic Gadgets are banned in the Examination Hall.**

Chapter – IX

Decision taken in the 64th Academic Senate Meeting held on 10 January 2024 regarding the award of Punishment for Examination offences.

Examination Offences and Punishments

1. **Acts of Malpractice:** The following acts on the part of students during examination will be considered as acts of malpractice:

1.2 Minor acts of Malpractice (Category I offences)

- (i) Having in his possession or having access to any paper, books or notes or Chits with content related to the subject of examination.
- (ii) Found receiving assistance from others or giving assistance to others.
- (iii) Copying from any paper, book, or notes.
- (iv) Allowing any other candidate to copy from his answer books or found trying to copy from the neighbors.
- (v) Disclosing identity by making peculiar marks in the answer books where the same act is prohibited.
- (vi) Found having any written matter on the person (palm, hand, leg, clothes etc.) or on any item in his/ her possession (e.g. calculator, scale, handkerchief etc.).
- (vii) Scribble the points on the question paper and/or pass on the same to some other examinee.
- (viii) Write any appeal on the answer book for more marks etc.
- (ix) Carrying or using mobile phones in examination hall. Found with mobile phone, smart watch, ear pods or any gadget that is prohibited in the examination hall.

1.3 Serious Acts of Malpractice (Category II offences)

Manual of Procedure for Conduct of University Examinations

- (i) Having in his possession or having access to any paper, books or notes or Chits with content related to the subject of examination.
- (ii) Use of obscene or abusive language during the examination,
- (iii) Trying to cause disturbance to the fellow examinees and/or proceedings of examination.
- (iv) Tearing off or spoiling the sheets in the answer book.
- (v) Destroying any evidence of malpractice.
- (vi) Second instance of minor act of malpractice by a student.

1.4 Very serious Acts of Malpractice (Category III offences)

- (i) Attempting any act that disturbs the sanctity or confidentiality involved in the examination process.
- (ii) Impersonation
- (iii) Third instance of category I Act of malpractice by a student.
- (iv) Second instance of category II Act of malpractice by a student.

2. Procedure to be followed:

When a student is found indulging in an act of malpractice, the following procedure will be followed:

- 2.1 The Room Superintendent of the examination hall where the student is found indulging in malpractice will confiscate all the evidence of malpractice (chits, Phone/smart watch/ear pods etc) from the student. The malpractice report form shall be filled in by the Room superintendent and submit to the chief Superintendent/Exam Coordinator and further to be submitted to the Dy. Controller of Examinations.
- 2.2 The answer script will be taken back, and a fresh answer book will be issued to the student. The candidate shall continue to write the exam and finish it.
- 2.3 Both the answer scripts (original and the one issued after the act of Malpractice) of the student along with all documents and evidence will be handed over by the Room Superintendent/Chief Superintendent to the Dy. Controller of Exams, who shall

Manual of Procedure for Conduct of University Examinations

forward the duly filled Malpractice report form to Director, SMIT with a request to forward it to the Malpractice Enquiry Committee.

- 2.4 Director, SMIT will order the malpractice committee to go into the details of the case and recommend a suitable punishment as per the guidelines laid down in section 3 below.
- 2.5 The recommendation of the Committee will be discussed by Controller of Examinations with HOI and forwarded to VC for confirmation of the recommended punishment.
- 2.6 On confirmation of punishment by VC, the punishment will be communicated to the students and all others concerned. The result of the student for the concerned examination will then be finalized based on the punishment awarded.
- 2.7 In case of class tests/ sessional examinations, the cases of malpractice will be reported to the Dean, Academics who will conduct enquiry and recommend punishment to be awarded to the student. The Director will confirm the punishment and the same will be communicated to the students and others concerned.
- 2.8 Students involved in Malpractice shall be counselled and the parents/ guardian of the students shall be informed.

3. Guidelines for the award of punishment:

3.1 Class Tests/Sessional Exams:

- (i) Punishment for any student indulging in any offence of Category 'I' shall be scrapping only the paper in which the student is found indulging in malpractice and allowed to appear in Re-sessional.
- (ii) Category 'II' offence shall invite the punishment of scrapping only paper in which the student is found indulging in malpractice and not allowed to appear in Re-sessional Examination.
- (iii) Category 'III' offence shall invite the punishment of scrapping of the paper in which student indulged in malpractice and will not be permitted to appear for remaining papers/subjects of the examination. Moreover, the student will not be allowed to

Manual of Procedure for Conduct of University Examinations

appear in Re-Sessional Examination and may even lead to suspension for one year or rustication of the student depending upon gravity of offence.

Punishment for Sessional Examination and University examination shall be treated separately.

3.2 University (End Semester) Examinations:

- (i) **Category I offence:** The candidate shall be punished by scrapping of that subject. The student is allowed to appear for that subject in the next immediate exam.
- (ii) **Category II offence:** The candidate shall be punished with scrapping of that subject. He/ she shall not be allowed to appear for that subject in the immediate next exam.
- (iii) **Category III offence:** The candidate shall be punished with
 - (a) scrapping of that paper and will not be permitted to appear in the remaining subjects of that examination. He or she shall not be eligible to appear in the immediate next exam in any subject of that examination.
 - (b) **In case of students attempting any act that disturbs the sanctity or confidentiality involved in the examination process or Impersonation, punishment shall be suspension for one year/rustication from the University.**
- (iv) Malpractice reporting form can be found in Annexure 37.
- (v) Malpractice Enquiry committee (Approved committee structure in 64th ASM)

Associate Director Academics – Chairperson,

Associate Director (Student affairs) – Member,

DCE TECH – Member,

CTTO-Member, Assistant COE - Member

Chapter – X

1. Collection of answer scripts at the end of the examination:

- 1.1 Once the final bell rings, the invigilator instructs students to stop writing and submit the answer scripts to him/her. The invigilator then collects, counts and makes sure the correct number of answer book is with him before allowing students leaving Examination Hall. However, if the student wishes to leave the examination hall after completing his/her examination before time, they handover answer booklet to invigilator and leave.
- 1.2 Invigilators are then arrange answer books as per the order in RS Diary subject wise. Invigilator must make sure that no. of the Answer books matches the number of students appeared for the examination as per signatures in RS diary. Answer book of students under Malpractice are handed over to CTTO/Dy. CTTO during examination.
- 1.3 Invigilators bring answer booklets to the Exam Control Room / office of CTTO and handover them to the DTTOs (receiving officer). DTTOs will invariably check the registration no. and the answer book serial no. He/ She then count the no. of the answer booklet and the receipt is recorded in the RS Diary.
- 1.4 Course-wise, semester-wise, subject-wise, answer-books are bundled and dispatched to the office of DCE(Tech)
- 1.5 Along with answer script bundles, the RS diary, summary of answer script bundles, absentee statement, question paper opening certificate are submitted to the office of DCE (Tech).
- 1.6 Sample of Room Superintendent (Invigilator) Diary (Annexure 7 and 8)
- 1.7 Sample of answer book returned from office of CTTO/Exam Co-Ordinator acknowledgement form (Annexure 7)

Manual of Procedure for Conduct of University Examinations

6. Submission of Answer scripts at Office of DCE(Tech)

- 2.1 Answer booklet bundled subject wise is submitted immediately after completion of exam in each session and submitted to the office of DCE (Tech).
- 2.2 The staff from the exam section assigned for the purpose collects answer scripts. A DTTO accompanies the staff during delivery of answer scripts from the office of CTTO to office of DCE (Tech).
- 2.3 Answer scripts collected are kept in an Almirah under lock in the issue room for evaluation.

Chapter – XI

1. Central Evaluation

- 1.1 Evaluation answer scripts of the Theory subjects of University Examination at the end of semester is carried out Centrally. In no circumstance examiner is allowed to take answer scripts out of the Central Evaluation Hall.
- 1.2 Location: Evaluation Hall, Room – C 301 (A)
- 1.3 Evaluation process for subject starts immediately after completion of the examination of that subject.
- 1.4 Prior notification is given to the Departments for circulation among the Examiners.
- 1.5 Timings of the Evaluation is from 9:00 AM – 8:00 PM on working days only. Any change to this is intimated to the Examiner with approval of the Head of the Institute.
- 1.6 Timings of Issue of Answer scripts: 9:30 AM – 12:30 PM
2:30 PM – 4:30 PM on working days.

2. Issue of Answer scripts

- 2.1 Answer scripts are issued to the examiner of the subject as per list received from the Head of the Department.
- 2.2 The examiner must submit a copy of the scheme of evaluation before getting the answer scripts issued.
- 2.3 In case there are number of examiners, particularly in B. Tech first year subjects, the answer scripts are issued to the coordinator of the subject.
- 2.4 Examiner must count the no. of answer scripts at the time of issue and make entry on the file provided. He must count the answer scripts at the time of submission and make sure he submits the no. of scripts issued to him. The counting has to be done in presence of the designated staff of the Exam Section issuing/collecting answer scripts.
- 2.5 Answer scripts to be examined by a group of teachers shall be issued to the Subject Coordinator, who in turn shall distribute to the individual examiners to examine his/her portion. On completion, it should be handed over back to the Coordinator who will issue

Manual of Procedure for Conduct of University Examinations

the same to the second examiner and so on. All transactions between the Coordinator and examiner shall be recorded and signed by both parties. Coordinator shall maintain the record of flow of answer scripts which will be submitted along with A-form to the office of DCE (Tech)

- 2.6 Answer scripts at any point of time must not lie on the table un attended. There are lockers available for each of the examiner. If leaving evaluation hall even temporarily, answer scripts must be locked in the locker assigned to the individual examiner.
- 2.7 Examiner will use their own lock and key
- 2.8 Evaluation must be completed and marks in A-Form be submitted in 3 days of examination date of the respective papers (for about 60 answer scripts or less). More time may be given on case to case basis if no. of copies is more, particularly for common papers of 1st year B. Tech.
- 2.9 Central Evaluation is carried out under supervision of Asst. Controller of Exam (Tech).

3. Scrutiny

- 3.1 After evaluation each answer script must be scrutinized by the scrutinizer appointed by the Head of the Department concerned and the list submitted prior to the examination.
- 3.2 Scrutinizer makes sure that all the answers attempted by the candidate has been evaluated, marks are entered on the front page of answer scripts and totaling has been done correctly. He also checks the marks entered in the A-form is correct.
- 3.3 Central Evaluation is carried out under supervision of Asst. Controller of Exam (Tech).

4. Submission of mark in A-Form

- 4.1 Marks of the Theory Subjects is submitted in prescribed A-Form given to examiner.

Chapter – XII

1. Practical Examination

- 1.1. Examinations of all types of non-theory subjects, viz., Practical, Projects, Seminars, Industrial Training, Viva-voce etc. are carried out at Departmental level. Head of the Department make necessary arrangements for conduct of these exams.
- 1.2. Necessary examination stationaries, like Laboratory exam answer scripts, Room superintendent diary, packing material etc. are issued from the office of DCE (Tech)
- 1.3. The submission of marks of end-semester exams of non-theory-based subjects are submitted in a prescribed format, B-form.
- 1.4. Examiners for these subjects are appointed by the Head of the Department concerned.
- 1.5. Schedule of these examinations, list of Examiners of each laboratory or other examinations as well as list of other support staffs engaged in the examination are submitted to the office of DCE (Tech).

2. Assessment and grading of mandatory/compulsory audit course

- 2.1 The assessment pattern and the evaluation criteria of all compulsory /mandatory audit course will remain the same as per that of other theory subjects.
- 2.2 The passing criteria of all mandatory/ compulsory audit courses will remain the same as per that of other theory subjects. Students will be assigned **P** (Pass Grade) of **F**(Fail) only. The lower limit of the ‘P’ grade will be decided as per the process of deciding the lower limit for ‘E’ grade in other theory subjects. However, passing of mandatory / compulsory audit course is compulsory else the students will not be awarded the degree.

Manual of Procedure for Conduct of University Examinations

3. Industrial Training:

- 3.1 Industrial Training- I of 0.5 credit will be of minimum of two weeks' duration and will be done after 4th semester in the summer break/Vacation and will be evaluated in the end semester examination of 5th semester.
- 3.2 Industrial Training – II of 1 credit will be of minimum of four weeks' duration and will be done after 6th semester in the summer break/Vacation and will be evaluated in the end semester examination of 7th semester.

Chapter – XIII

1. Submission of mark of internal Assessment

- 1.1 Mark of internal assessments are submitted electronically through e-Campus Manager. The subject teacher/Coordinator updated the mark in e-Campus.
- 1.2 Internal marks are generated in a specific format (C-Form) for theory as well as lab or any non-theory subjects.
- 1.3 The sequence of students is updated in e-Campus by the office of DCE (Tech).
- 1.4 C-form is generated in pdf format as well as text format to be used for result compilation.
- 1.5 The soft copy of the C-form is downloaded from e-Campus by the Examination Section. However, a signed copy of the C-form signed by the subject teacher and Head of the Department concerned is also submitted at the office of DCE(Tech) which is used for cross checking.

Type of papers	Internal Mark	End-semester mark
Theory	50	50
Practical	60	40
Mini Project	50	50
Major Project	50	50
Seminar	50	50
Viva Voce	0	100
Industrial Training	0	100

Chapter – XIV

1. Grade Calculation

Grade determination for a student is based on the total marks scored by the student in the in-semester and end-semester examinations. The grades given to a student are interpreted as follows:

Letter Grade	S	A	B	C	D	E	F/I/DT/MP	P
Grade Point	10	9	8	7	6	5	0	0

Where F: Fail, I: Incomplete, DT: Detained (due to the shortfall in attendance), MP: Malpractice and P: grades for Audit courses.

Grade is calculated using in house developed Visual C++ compiled code.

2. Award of Grade

The relative grading scheme using the mean (μ) and standard deviation (σ) parameters calculated from the group of students who have appeared for a particular subject is used to determine the categories of the grading system. The procedure followed is illustrated below:

- a) The data is taken only from students who have appeared in both in-semester and end-semester examinations.
- b) The cut-off for E and S grades are calculated as $\mu - 2\sigma$ and $\mu + 1.5\sigma$ respectively.
- c) If $\mu - 2\sigma$ is less than 35, the lower cut-off for E grade is taken as 35. In case the value exceeds 45, the lower cut-off for E grade is then taken as 45. For practical/laboratory subjects, the lower cut-off will be taken as 50 if the value of $\mu - 2\sigma$ computed is greater than 50.
- d) If $\mu + 1.5\sigma$ is more than 90, the upper cut-off for S grade is considered as 90. If the value is less than 80, the upper cut-off will be fixed at 80. The value $\mu + 1.5\sigma$ calculated will be rounded off to the nearest integer which will be the lower limit of S grade.

Manual of Procedure for Conduct of University Examinations

- e) The range between the lower and the upper cut-off as decided by sub-para iii & sub-para iv above will be divided by 5 to get the step size for deciding other grades.
- f) $\mu - 2\sigma$ (rounded off) will be the lower limit for E grade as per sub-para iii described above. Marks below the lower limit of E grade will be assigned F grade.
- g) The lower limit of D, C, B, and A will be obtained by adding multiples of 1, 2, 3 and 4 step sizes to the lower limit as obtained in sub-para iii & v. These limits will be rounded off after adding the step sizes and will be utilized as a cut-off for assigning the respective grades.
- h) In case the number of students is below 20 in courses like M. Tech, M. Sc., and Ph.D. programs, the absolute grading scheme will be applied as given below. In case of B. Tech, the relative grading is still applicable even if the student strength is less than 20.

Grade	S	A	B	C	D	E	F
Marks	≥ 90	80 – 89	70 - 79	60 - 69	50 - 59	40 - 49	< 40

- i) For the students appearing for backlog subjects, the cut-off of the current semester subjects or of the previous semester subjects whichever is lower, will be taken as the cut-off for E grades. However, the step size for the backlog subjects for awarding other grades will be same as calculated for the regular subjects.
- j) For examination of the backlog subject(s), which are not offered in the current semester, the same criteria used in the last regular examination held for that particular subject will be followed.

3. Publication of Grade result

Grade result is published on the web by the due date as published in Academic Calendar. A notification in this regard is also published on the web. It can be accessed from <https://results.smu.edu.in/smit/>

4. CGPA Compilation

Grade Point Average (GPA) and Cumulative Grade Point Average (CGPA) are compiled in Microsoft Access platform.

Manual of Procedure for Conduct of University Examinations

The GPA (Grade Point Average) is used to evaluate the academic performance of a student in a given semester. It is the weighted average of the grade points obtained by a student in all the subjects during the semester. The overall performance of a student is obtained by calculating the CGPA (Cumulative Grade Point Average). It is the weighted average of the grade points obtained in all the subjects studied by the student which is taken into account from his/her date of joining. At the end of every semester, the CGPA will be calculated up to two decimal places and will be indicated on the grade report.

GPA and CGPA are calculated by the following equations:

$$GPA_i = \frac{\sum_{j=1}^n C_{ij} G_{ij}}{\sum_{j=1}^n C_{ij}} \quad CGPA = \frac{\sum_{i=1}^N \left(GPA_i * \sum_{j=1}^n C_{ij} \right)}{\sum_{i=1}^N \left(\sum_{j=1}^n C_{ij} \right)}$$

where n = Number of subjects in the semester; N = Number of semesters;

GPA_i = GPA for the i^{th} semester; C_{ij} = Credit for the j^{th} subject in i^{th} semester;

G_{ij} = Grade point corresponding to the grade obtained in the j^{th} subject of the i^{th} semester as given in the table below.

At the end of each semester the grade report or Grade Card, which reflects the performance of a student in that semester, is issued by the University.

Grades	S	A	B	C	D	E	P	F/I/DT/MP
Grade Point	10	9	8	7	6	5	0	0

5. Publication of CGPA result

CGPA result is published on the web.

After compilation of CGPA the promotion/Detention list of the students is prepared and circulated to the Departments. The promotion detention list is prepared once a year at the end of even semester exam in July / August.

Chapter – XV

1. Re-evaluation

- 1.1 After publication of grade result of each examination, if a student is not satisfied with the grade, he/she has obtained is given an opportunity to apply for re-evaluation of the subjects where he/she feels he/she could have obtained better grade.
- 1.2 The notification for re-evaluation is published from the office of DCE (Tech). Students apply for re-evaluation in a prescribed form before the due date at the office of DCE (Tech).
- 1.3 Scheduled for students to view their scripts and Interested student can see their answer scripts as a standard practice so that any totaling error or unevaluated answers are marked and discrepancy if any is corrected.
- 1.4 Re-evaluation of answer scripts is carried out by the nominated Committee and Department HOD is the chairperson with two members of faculties.
- 1.5 The result of re-evaluation is published for those students where there is change of grade.

Chapter – XVI

Manual of Procedure for Conduct of University Examinations

1. Promotion to next Academic year

- 1.1 Students are promoted to the next Academic year once a year at the end of an even semester, i.e. June/July Examination.
- 1.2 The promotion is based on the number of credits earned till the current semester.
- 1.3 The minimum credit required for promotion to next academic year of different courses is given in the table below. Total credit is also mentioned in the table.
- 1.4 This table is applicable for 2018 admitted batches. The criteria for earlier batches are mentioned in CGPA regulation booklet for respective batches.
- 1.5 Students who fail to earn the minimum credit required for promotion are DETAINED and called as year back students.
- 1.6 They are required to rejoin in the failed subjects (mandatory for subjects with attendance back with DT grade, optional for subjects with other grades, F or I), or appear for backlogs (F, I or MP grades) and acquire the required credit.
- 1.7 Students who are promoted or promoted with back log (PWG) as long as they acquire minimum credit required for promotion.
- 1.8 At the end of final year, if a student has earned all the credit, he is eligible for award of the Degree,

Program	Promotion from / to	Minimum Credits	Total Credit
B. Tech.	I Year to II Year	23	38
	II Year to III Year	55	83
	III Year to IV Year	95	128
	Final Year	160	160
B. Tech. (Lateral Entry)	II Year to III Year	27	45
	III Year to IV Year	67	90
	Final Year	122	122
M. Tech.	I Year to II Year	30	50
	Final Year	85	85
M. Tech. (Part-time)	I Year to II Year	14	23
	II Year to III Year	30	50

Manual of Procedure for Conduct of University Examinations

	Final Year	85	85
MCA	I Year to II Year	30	49
	II Year to III Year	60	98
	Final Year	140	140
MCA (Lateral Entry)	II Year to III Year	30	49
	Final Year	91	91
BCA	I Year to II Year	25	46
	II Year to III Year	60	92
	Final Year	140	140
MBA	I Year to II Year	30	50
	Final Year	102	102
BBA	I Year to II Year	28	46
	II Year to III Year	56	92
	Final Year	144	144
M.Sc. (Chem.)	I Year to II Year	27	43
	Final Year	92	92
M.Sc. (Phys.)	I Year to II Year	27	44
	Final Year	92	92
M.Sc. (Math.)	I Year to II Year	27	43
	Final Year	92	92
M.Phil. (Math.)	I Year to II Year	24	40
	Final Year	85	85
B.Sc. (IT)	I Year to II Year	25	39
	II Year to III Year	60	79.5
	Final Year	140	140
M.Sc. (IT)	I Year to II Year	27	42.5
	Final Year	92	92

2. Minimum and maximum Period for completion of the course.

Manual of Procedure for Conduct of University Examinations

2.1 Maximum time allowed a student to complete the course is double the duration of the course. For lateral entry students the allowed time is as per the allowed time to regular student of the respective batch.

Program	Minimum duration (Year)	Maximum Duration (Year)
B. Tech	4	8
B. Tech (Lateral entry)	3	7
M. Tech	2	4
M. Tech (Part time)	3	6
BCA	3	6
MCA	3	6
MCA (Lateral Entry)	2	5
BBA	3	6
MBA	2	4
MSC	2	4
BSC IT	3	6

2.2 If a student fails to pass the course in double the duration, he is declared as NFTE.

2.3 However, if a student fails to get promoted to 2nd year within two years of his admission in the course, he is not allowed to continue, and also declared as NFTE.

Chapter – XVII

3. Issue of Certificates

Manual of Procedure for Conduct of University Examinations

After publication of CGPA result after each examination, students are issued Grade sheet for that examination. Grade sheets are issued only to those students who are promoted to next semester without any backlog. Students who are promoted with backlog (PWB) have to wait for Grade Sheet until they clear all backlogs of the current semester as well as all previous semesters.

Students in the final semesters are issued Provisional Degree Certificates (PDC) immediately after publication of Grade result if they are found to have cleared all the subjects of all the semesters, i.e, PASSED the course. The PDC is issued to only those students who apply for it in prescribed form.

Degree Certificates to all the students who graduates in a year are issued at the time of Convocation in that year.

Chapter – XVIII

1. Clearing of backlog subjects

Manual of Procedure for Conduct of University Examinations

- 1.1 Students having backlogs (with grade, F, I, MP) are allowed to clear them in supplementary examination, or in next main examinations.
- 1.2 The main semester examination is followed by a Supplementary examination in a gap of about a month after the last date of examination.
- 1.3 Students are allowed to appear for subjects of odd semesters in Supplementary examination in January after end of odd semester examination in Nov/Dec. However, final year students are given option to apply for even semester subjects as well.
- 1.4 In Supplementary examination in June/July, students can appear for odd semester as well as even semester subjects.

2. Year Back Students

The students not having sufficient credit for the promotion to next year remain in the current semester and is treated as year back student. If the syllabus changes or some papers are discontinued or some new subject is introduced for the lower batch (in which the year back students continue with, the same will be applicable to year back students. If some subject the student has already cleared and is discontinued, the student will not get benefit of that subject in terms of credit point. In such cases a separate certificate for those cleared subjects may be issued, if required.

3. Parallel Semester

- 3.1 Students having attendance back (Grade DT) or low internal marks have to register in parallel semester for clearing the backlog. Students having internal less than 18, are eligible to rejoin in parallel semester.
- 3.2 A student is allowed to take a maximum of ten subjects (theory and lab) per semester. This includes all the theory papers of the current semester and the backlog papers of the lower semesters. The above is subjected to non-clashes of classes.
- 3.3 While opting for lower semester papers, in case of any clash in the routine, one can skip the lab classes of the current semester and may appear for the same during the additional lab classes offered at the end of each session after completion of the theory examination.
- 3.4 **A minimum attendance of 80% is required in the additional lab for able to appear in the examination.**

Manual of Procedure for Conduct of University Examinations

- 3.5 A student rejoining will be treated as a fresh student in the parallel semester course. The previous attendance and internal marks for the subject(s) will not be taken into consideration. Once a student rejoins, he/she will not be allowed to withdraw the subject(s).
- 3.6 Attendance for students in the rejoined subjects will be counted with effect from the day after the declaration of examination results or commencement of parallel semester or whichever is later.
- 3.7 If the credit of a subject is different for different batches, students will be awarded with the appropriate credit applicable for their batch, even though student rejoins or appear in the backlog examination in a subject of different credit as long as the syllabus is same. If syllabus changes, then the student has to appear in different question paper.

4. Backlogs/Extension in Mini/Major Project/Dissertation/Industrial Training/Viva-voce/Seminar, in case of failure/absence in final presentation.

- 4.1 If a student is unable to complete his/her Mini/Major Project/Dissertation/Industrial Training/Viva-voce/Seminar in due time or is rejected by the departmental review committee or extended with prior approval or absent on the day of final evaluation will get a chance to clear the subject by the last date of supplementary exam following the main examination where the students fail to pass. Students need not have to pay an extra fee in such cases.
- 4.2 Students who are unable to clear the subjects by the date above will have to rejoin the subject by paying a fee as mentioned below. These subjects can be evaluated as backlogs in odd / even semester.
- i) Fee for backlog in Mini Project: Rs 3000/-,
 - ii) Fee for backlog in Major Project: Rs 10,000/-.
 - iii) Industrial Training/ Viva-Voce/ Seminar: Rs 1000/-

This is applicable to all UG and PG courses offered at SMIT.

Chapter – XIX

1. Payment for conduct of examination

Manual of Procedure for Conduct of University Examinations

- 1.1 Rates of payment for the various services in connection with the conduct of examinations shall be as per the laid down policy of the University.
- 1.2 Rates of Payment are revised from time to time. The rate as on date is given in Annexure 41.
- 1.3 All claims will be submitted in the prescribed format duly certified by the concerned authority.
- 1.4 All claims in connection with the examination shall be sent to the Examination Section which shall be forwarded to the Finance, SMIT by the DCE (Tech) or any person authorized by the DCE (Tech).

Chapter – XX

1. Education Verification

Manual of Procedure for Conduct of University Examinations

The Examination Section carries out education verification of students as and when requested by the Employer/Educational Institution/Embassy/Govt. agencies requiring background verification of passed out students.

Request for education verification can be received through email or through hard copy. Requests received through email, are responded through email. Education verification requests received through hardcopy are responded in similar manner.

Chapter XXI

1. Fee for various services related to Examination at SMIT

Fee for various services for the students related to Examination is summarized in the table given below.

Manual of Procedure for Conduct of University Examinations

Please refer the Academic Regulation, Circular 118/SMU/REG/00/21/2018 dated 11 July 2018.

Sl. No	Service	Category	Fee	Remark
1	Exam Fee	UG, MCA	3000/-	Per Annum, collected along with Tuition fee
		PG	6000/-	
2	Supplementary Exam Fee (Theory Subjects)		1000/-	Per subject
3	Back paper application fee (During April/May and Nov/Dec Exam) (Theory Subjects)	UG	500/-	Per subject
		PG	600/-	
4	Additional Lab Fee [#]	Type I	Nil	Per lab subject
		Type III	1000/-	
		Type II, IV, V	4000/-	
5	Back paper in Major project (*Beyond permissible free period)		10000/-	Per subject
6	Back paper in mini project /Industrial Training/Seminal/Viva voce (*Beyond permissible free period)		3000/-	Per subject
7	Back paper in Industrial Training/ Seminal/Viva voce (*Beyond permissible free period)		1000/-	Per subject
8	Re-evaluation		200/-	Per subject
9	Provisional Degree Certificate(PDC)		100/-**	
10	Transcript	1 st copy	100/-**	
		Subsequent copy each	20/-**	
11	Migration		100/-**	
12	Name Correction (Grade sheet/Degree Cert.)		100/- **	Per Cert.
13	Duplicate Grade sheet		500/-**	
14	Duplicate Degree Certificate		1000/-**	
15	Attending Convocation		1200/-	
16	Application for Degree Certificate		600/-	Inclusive of postage fee
17	Postage Fee	Domestic	100/-	
		International	1200/-	

Manual of Procedure for Conduct of University Examinations

* Permissible limit for clearing back paper in Major Project/ Mini Project/ Dissertation/Industrial Training/Viva Voce/Seminar for free (without paying additional fee) is by last date of the Supplementary Examination following the main examination (April/May for even semester and Nov/Dec for odd semester) where student is supposed to pass in these subjects.

** Postage Fee (extra) to be payed, if student wants the document to be sent to the address given in his/her application by post. All documents are sent by India post (Speed Post mode only).

Note: Exam Section does not collect fee for any of the services. Fee must be deposited at the Finance Section, SMIT and fee receipt enclosed with the application form must be submitted at the Exam Section, SMIT.

Chapter XXII

1. Receipt of documents from Exam Section, SMIT

Documents from examination Section, SMIT can be collected physically by the student or his/her parents on production of photo ID. It can also be sent through Speed Post by paying

Manual of Procedure for Conduct of University Examinations

an additional postage fee as applicable. In exceptional cases/emergencies documents except Degree Certificate will be handed over to an authorized person.

In no circumstances Degree Certificate will be given to an authorized person. In cases of collection of documents by authorized person, the person authorized to collect it must produce followings:

- a) Signed authorized letter from the student with a copy of photo ID of the student.
- b) Copy of photo ID of the authorized person enclosed with the authorization letter
- c) Production of photo ID at the time of receiving the document at the counter.

Chapter XXIII

1. Award of Rank Certificate/Medals

Manual of Procedure for Conduct of University Examinations

Meritorious students are awarded Rank Certificate/Medals at the Convocation. The criteria for such award is given below:

Sl. no	Award	Criteria*
1	Gold medal and Rank Certificate	Overall topper in B. Tech (all branches inclusive)
		Topper of MBA
		Topper of BBA
		Topper of MCA
		Topper of BCA
		Topper of M. Sc. (all M. Sc Courses inclusive)
		Topper of M. Tech. (all M. Tech Courses inclusive)
2	Silver medal and Rank Certificate	All Departments Toppers of B. Tech

Toppers are the students with highest CGPA at end of the course and clearing all the subjects at one go. They must not have any backlog in any semester throughout the course duration.

If a student with highest CGPA has any backlog in the past then he misses the chance of being topper, and the student with lower CGPA without any backlog in the past is considered as the topper and eligible for award of medal and rank certificate.

* For award of gold/silver medal and rank certificate listed above holds good if number of students appearing in the final examination is more or equal to 20. If number of students appearing in final examination is less than 20 in a year, no award and rank certificate is issued in that course.

Department wise M. Sc toppers can be issued a rank certificate at the Institute level if the number of students in a batch in a Department is more or equal to 10.

Chapter XXIV

1. Course Coding Scheme

1.1 All the subjects carry an alphanumeric code with two characters and four digits. The two characters represents the teaching departments and the first digit represents UG (1), PG (2) and PhD (5) courses, the second digit represents the semester (1-first semester, 2-

Manual of Procedure for Conduct of University Examinations

second semester....8- eighth semester). The last two digits represent the subject.

1.2 The two characters representing the teaching departments are as follows:

Sl. No.	Departments	Code
1.	Chemistry	CH
2.	Mathematics	MA
3.	Physics	PH
4.	Civil Engineering	CE
5.	Computer Science Engineering	CS
6.	Computer Application	CA
7.	Electronics and Communication Engineering	EC
8.	Electrical and Electronics Engineering	EE
9.	Information Technology Engineering	IT
10.	Mechanical Engineering	ME
11.	Management Science	BA
12.	Material Science and Nanotechnology	MN

Code range of different types of subjects:

Sl. No.	Type of Subjects	Code Range
1.	Core Theory Subjects	01 - 20
2.	Practical Subjects	61 - 70
3.	Elective Subjects of respective departments	31 - 60
4.	Open Electives	21 – 30
5.	Mini Projects	71 – 74
6.	Industrial Training, Seminar, Viva-voce	81 – 85
7.	Major Project	75 – 80
8.	Audit Course	91 – 99

2. Allotment of Unique Admission/Registration Number at time of admission

The format for assigning unique admission/registration number for various courses at time of admission is as given below:

B. Tech(all branches)	Starting Number	YYYY00001
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Manual of Procedure for Conduct of University Examinations

Lateral Entry(B. Tech/MCA/M. Tech)	Starting Number	YYYY##501
M. Sc(Phy/Chem/Math)	Starting Number	YYYY##201/301/401
M. Phil(Math)	Starting Number	YYYY##401
All other regular courses	Starting Number	YYYY##001

represents two digits course code.

YYYY represents year in four digits

Unique admission registration number assignment (with effect from 2015 admission)

Sl. No.	Courses	Department	Course Code	Adm No./ Reg No. (Starting No.)
1	B. Tech(Regular)		00	YYYY00001
2	B. Tech Lateral Entry	CSE	11	YYYY11501
3		EC	12	YYYY12501
4		EE	13	YYYY13501
5		IT	14	YYYY14501
6		ME	15	YYYY15501
7		CE	18	YYYY18501
8		CCE	35	YYYY35501
9		BCA	CA	16
10	MCA	CA	22	YYYY22001
11	MCA(Lateral Entry)	CA	22	YYYY22501
12	MCA(Dual/Integrated)	CA	32	YYYY32001
13	BBA	MGT	19	YYYY19001
14	MBA	MGT	23	YYYY23001
15	M. Tech(CSE)	CSE	27	YYYY27001
16	M. Tech (CSE) Part Time	CSE	27	YYYY27501
17	M. Tech (IT)	IT	24	YYYY24001
18	M. Tech (IT) Part Time	IT	24	YYYY24501
19	M. Tech (ME/Production Engg.)	ME	30	YYYY30001
20	M. Tech (ME/Production Engg.)	ME	30	YYYY30501

Manual of Procedure for Conduct of University Examinations

	Part Time			
21	M. Tech (DC)	ECE	26	YYYY26001
22	M. Tech (DC) Part Time	ECE	26	YYYY26501
23	M. Tech (VLSI)	ECE	31	YYYY31001
24	M. Tech (VLSI) Part Time	ECE	31	YYYY31501
25	M. Tech (PE)	EEE	25	YYYY25001
26	M. Tech (PE) Part Time	EEE	25	YYYY25501
27	M. Tech (Structural Engg.)	CE	33	YYYY33001
28	M. Tech (Structural Engg.) Part Time	CE	33	YYYY33501
29	M. Tech (MSNT)	CMSNT	29	YYYY29001
30	M. Tech (MSNT) Part Time	CMSNT	29	YYYY29501
31	M. Sc (Physics)	PHY	21	YYYY21201
32	M. Sc (Chemistry)	CHEM	21	YYYY21301
33	M. Sc (Mathematics)	MATH	21	YYYY21401
34	M. Phil(Math)	MATH	34	YYYY34401
35	M. Tech(Process control and Instrumentation)	EEE	36	YYYY36001
36	M. Tech(Process control and Instrumentation) Part Time	EEE	36	YYYY36501
37	BBA (Finance)	MGT	39	YYYY39001
38	BCA (Cloud Technology)	CA	40	YYYY40001
39	B. Sc (IT)	IT	37	YYYY37001
40	M. Sc(IT)	IT	38	YYYY38001
41	Diploma in E-Governance	IT	41	YYYY41001

Chapter XXV

SMU Transfer Policy: Guidelines to be followed at SMIT

(Approved in 48th Academic Senate Meeting held on 23.07.2016(Item No:VIII)

Manual of Procedure for Conduct of University Examinations

2. Credit transfer: If a candidate admitted to a particular semester from any other University or autonomous Institute approved by UGC/AICTE/State Govt./Central Govt. for program at SMU then the credit earned in that University by the candidate can be transferred to this University according to this policy.
3. The transfer student should spend at least 50% of course duration at SMIT.
4. While calculating CGPA, the credit earned on account of 80% curriculum matching to be taken into consideration in addition to all the credit earned at SMIT.

The policy regarding the credit transfer at SMIT as approved in 48th ASM is shown in Annexure 43.

The sample grade sheet issued to a transferred student is shown in Annexure 44.

Chapter – XXVI

1. Loss of Certificate and issue of duplicate certificates

1.1 Duplicate Certificate is issued if student lose their certificate.

Manual of Procedure for Conduct of University Examinations

- 1.2 They have to apply for it in prescribed form and payment of requisite fee.
- 1.3 A copy of FIR and an affidavit in original have to be enclosed in the application. The application form is shown in Annexure 25.
- 1.4 Duplicate certificate is issued after a waiting period of one month as per University norm.

Chapter – XXVII

1. National Academic Depository (NAD)

Manual of Procedure for Conduct of University Examinations

1.1 NAD is the Digital India initiative of Govt. of India. This is a platform where the certificates issued to a student is stored in digital form which students/employer can access online 24×7.

1.2 SMU has signed a Service Level Agreement with NSDL, one of the service provider for NAD.

1.3 In the first phase, only Degree certificates issued to the students are uploaded on NAD.

1.4 DCT (T) is appointed as Nodal Officer for NAD from the University.

1.5 NAD web site: <http://nad.gov.in>

1.6 NAD Registration site of NDML: <https://nad.ndml.in>

Chapter – XXVIII

3. Maintenance of record

Following records are maintained in the Exam Cell.

- i) Backlog registration slip for Supplementary Examination.

Manual of Procedure for Conduct of University Examinations

2. Examination Timetable.
3. List of Electives offered for each batch
4. Change of syllabus and syllabus applicable for each batch.
5. Internal Marks (C-Form) obtained from the Department.
6. End semester Marks (A-Form for Theory subjects, B-Form for Practical subjects)
7. Compiled results (Grades as well as CGPA)
8. Re- evaluation applications from students
9. Re- evaluation records
10. Students' representation regarding result
11. Provisional Degree Certificate Application forms
12. Record of issue of grade sheets
13. Promotion/Detention records
14. List of graduated students
15. Rule/regulation related to examination, approval of Academic Senate records
16. Student list
17. Malpractice records
18. Record of evaluation of answer scripts
19. Question paper requisition, collection record
20. Remuneration of examiners, Question paper setters
21. Record of issue of Degree certificates
22. Record of issue of Transcripts
23. Schema of all courses and record of change of syllabus
24. Evaluation scheme.

4. Storing of Answer Scripts

Used answer scripts are stored for minimum 3 years from the date of Examination as per University Policy.

5. Question Papers

Used question papers are preserved in a form of booklet Department wise and exam wise.

Manual of Procedure for Conduct of University Examinations

6. Strong Room

Activities carried out in Strong room

- 4.1 Storage of unused Question Papers.
- 4.2 Shorting and random selection of Question Papers.
- 4.3 Printing and Packaging of Question Paper.
- 4.4 Storage of Blank Degree Certificates and Grade sheets.

Access to Strong room

- 4.5 Strong room has restricted access.
- 4.6 Entry to strong room is under CCTV Surveillance.
- 4.7 Sweeping/cleaning of strong room is carried out in presence of authorised staff of the Exam Section.
- 4.8 Strong room is kept under lock when not in use.
- 4.9 Key of the Strong room is kept with DCE (Tech).

7. Reprographic Room

Activities carried out in Reprographic room

- 5.1 Printing/photocopying of question papers for Sessional exam and Quizzes.
- 5.2 Day to day photocopy for official purpose
- 5.3 Shredding of waste papers during printing/Photocopying.

Access to Reprographic Room

- 5.4 Reprographic room has restricted access.
- 5.5 Photocopy of in-semester questions are done in presence of faculty requesting for the same.
- 5.6 Only one person other than the operator is allowed at one time.
- 5.7 Sweeping/cleaning of reprographic room is carried out in presence of authorized staff of the Exam Section.

6. Disposal of used Answer Scripts

- 6.1 Used answer scripts are preserved for at least a period of 3 years before it is disposed of.

Manual of Procedure for Conduct of University Examinations

6.2 Answer scripts have to be shredded or torn into 2 to 3 pieces before disposal.

6.3 An undertaking is also obtained from the bidder taking the used answer scripts that these will be only recycled.

7. Cyber Security

7.1 The result processing is done in the Server in Examination Section. All data are also stored in the Server.

7.2 The Sever of the Examination Section is isolated from outside network.

7.3 All computers in examination section have Antivirus installed.

7.4 All IT support including cyber security is provided by SMU – IT.

8. CCTV Surveillance

Following areas of Examination section is under CCTV surveillance

- i) Entrance to Examination Section
- ii) Result processing area
- iii) Entrance to Strong Room
- iv) Reprographic room
- v) Store Room
- vi) Central Evaluation Hall

9. Backup of Server

Server backup is taken in regular basis in a portable hard disk to protect against any loss of data.

Chapter – XXIX

1. Duties and responsibilities

A. CONTROLLER OF EXAMINATIONS:

1. The Deputy Controller of Examinations to report administratively to Heads of Institutions and functionally to Controller of Examination.
2. All policy decisions to be conveyed to the Controller of Examinations who will obtain necessary approval from the Academics senate.
3. To approve the results for publication.
4. To give financial approval for purchase of all exam related material.
5. To approve the punishment recommended by malpractice committee duly forwarded by the HoI.
6. To approve withdrawal of students on academic grounds.
7. Controller Examination is responsible to the Senate and Executive Committee for all examination related issues.
8. Selection of examiners for the evaluation of PhD thesis.
9. To take decision on any other matter pertaining to examination/ evaluation within the university guide lines.

B. DEPUTY CONTROLLER OF EXAMINATION (TECHNICAL): DCE (TECH)

1. Notifying probable dates of examination and notifying students to apply for backlog paper.
2. Scrutiny of the applicants' eligibility for appearing for the backlog papers in the examination.
3. Prepare and issue hall tickets to the applicants, preparation of subject wise list of candidates and appropriate forms for submission of Internal as well as end semester marks.

Manual of Procedure for Conduct of University Examinations

4. Forward question paper requisition to Head of the Departments.
5. Ensure that list of question paper setters, evaluators, scrutinizers are received from the Heads of all Department,
6. Receive moderated sealed question papers from the Head of departments.
7. Maintain safe custody of question papers.
8. Printing/ photocopying the question papers as per the requirement for each subject and issue the same to CTTO half an hour before the commencement of exam for each session.
9. Maintain stock of all stationery for the conduct of theory and practical examinations and issue the same to the departments/ CTTO as per requirement.
10. Procurement of all materials required for the smooth conduct of examinations.
11. Receive answer books after the theory examination from Chief Timetable Officer (CTTO).
12. Ensure that answer books are issued to the evaluators for evaluation at a central location.
13. Receive internal assignment/ sessional marks from the departments as per schedule.
14. Receive practical examination marks sheet from the examiners.
15. Exercise supervision on the tabulation and preparation of results.
16. Declare grade results after scrutiny and approval of COE.
17. Supervise the compilation of CGPA and publish the same on the internet.
18. Print the grade sheets and issue the same to the students.
19. Notify the students for revaluation and process the revaluation request.
20. Send the Promotion/ Detained student list to the departments,
21. Prepare the list of Graduate student and print the degree certificate.
22. Issue Provisional Degree Certificates, Migration Certificate, Transcript, CGPA conversion certificate, provisional Grade sheet, Details of PhD course work certificate etc. as and when required by the students.
23. To carry out education verification as and when required.
24. Coordinate the conduct of the Entrance Exam for admission (SMUGET).
25. Ensure that all reported malpractice cases are examined by a duly constituted committee and recommendation for punishments are forwarded to the Controller of Examination for approval through HoI.
26. To bring to the notice of the Controller of Examination any other matter related with examination/ Evaluation.

Manual of Procedure for Conduct of University Examinations

27. Any other duties connected with examination assigned from time to time.

C. Assistant Controller of Examination (Technical)

1. Collection of electives from Departments.
2. Stock assessment, timely procurement and verification.
3. Assist during Question paper printing.
4. Oversee the central evaluation process and ensure timely completion.
5. Timely issue of certificates to students.
6. Timely address of student queries, education verification.
7. Assist the DCE (Tech) for various duties.
8. Take up the duties of DCE (Tech) in his absence.
9. Any other duties assigned from time to time.

ANNEXURES

ANNEXURE - 1: Courses offered at Technical Campus, SMU

Undergraduate and Postgraduate Programs offered at SMIT

Department	Under Graduate	Post Graduate
Civil Engineering (CE)	B.Tech. in CE	M.Tech. in CE
Computer Science and Engineering (CSE)	B.Tech. in CSE	M.Tech. in CSE
Computer Applications (CA)	Bachelor of Computer Applications (BCA)	Master of Computer Applications (MCA)
Centre for Materials Science & Nano Technology (CMSNT)	-	M.Tech. in Material Science & Nano Technology
Electrical & Communication Engineering (ECE)	B.Tech. in ECE	M.Tech. in Digital Electronics and Communication
		M.Tech. in VLSI
Electrical & Electronics Engineering (EEE)	B.Tech. in EEE	M.Tech. in Power Electronics
Information Technology (IT)	B.Tech. in IT	M.Tech. in IT
	B. Sc. in Information Technology [B.Sc. (IT)]	M. Sc. in Information Technology [M.Sc. (IT)]
Mechanical Engineering (ME)	B.Tech. in ME	M.Tech in Production Engineering
Management Studies (MS)	Bachelor of Business Administration (BBA)	Master of Business Administration (MBA)
Chemistry (CH)	-	M. Sc. in Chemistry
Mathematics (MA)	-	M. Sc. in Mathematics
Physics (PH)	-	M. Sc. in Physics

ANNEXURE -2: Subject coding scheme

Course-coding scheme are organized by the Short title of the program (2 characters) followed by programme code N1, Semester code N2 and the subject code N3, where

- ❖ Short title of the programs are provided in the above table
- ❖ N1, N2 and N3 are defined as follows:
 - N1 : One digit code for the program
 - = 0 for pooled Electives
 - = 1 for Under Graduate Program (B.Tech/BCA/BBA etc.)
 - = 2 for Post Graduate Program (M.Tech/MCA/MBA/M.Sc etc.)
 - = 3 for integrated/dual post graduate courses (IMCA)
 - = 4 for M. Phil
 - = 5 Ph.D. course work
 - N2 : One digit code for the Semester
 - = 1 for Semester – I
 - = 2 for Semester – II
 - = 3 for Semester – III
 - = 4 for Semester – IV
 - = 5 for Semester – V
 - = 6 for Semester – VI
 - = 7 for Semester – VII
 - = 8 for Semester – VIII
 - N3 : Two digits code for the subjects offered by a Department for a Program/course
 - = 01 – 20 : subject codes for theory papers offered by a Department in a Semester
 - = 21 – 30 : subject codes for Open electives offered by a Department in a Semester

Manual of Procedure for Conduct of University Examinations

= 31 – 60 : subject codes for Program electives offered by a Department in a Semester

=61 – 70 : subject codes for Lab-subjects offered by a Department in a Semester

=71 – 74: subject codes for Mini projects offered by a Department in a Semester

=75 – 80 : subject codes for Major projects offered by a Department in a Semester

=81 – 85 : subject codes for Industrial Training/Seminars/Grand viva offered by a Department in a Semester

Example: Undergraduate – CS1302, where “CS” stands for Computer Science & Engineering branch, “1” stands for Undergraduate course, “3” stands for Third Semester and “02” is the subject code

Postgraduate – CS2101, where “CS” stands for Computer Science & Engineering branch, “2” stands for Postgraduate course, “1” stands for First Semester and “01” is the subject code

Manual of Procedure for Conduct of University Examinations

ANNEXURE: 3 Schema of B. Tech First Year (Common) Course

PHYSICS GROUP					
B. TECH FIRST SEMESTER			B. TECH SECOND SEMESTER		
Sub Code	Sub Name	C	Sub Code	Sub Name	C
MA1101	Engineering Mathematics –I	4	MA1201	Engineering Mathematics -II	4
CE1102	Mechanics of Solids	3	CH1108	Engineering Chemistry	4
PH 1103	Engineering Physics	4	EE1109	Elements of Electrical Engineering	3
ME1105	Engineering Graphics	3	CS1110	Computer Programming using C	4
BA1106	Communication Skills	3	*CH1191	Environmental Science	0
ME1161	Workshop Practice	1.5	CH1163	Engineering Chemistry Lab	1.5
PH1162	Engineering Physics Lab	1.5	CS1164	Computer Programming Lab	1.5
Total credits for the Semester:		20	Total credits for the Semester:		18
* Mandatory audit course					

CHEMISTRY GROUP					
B. TECH FIRST SEMESTER			B. TECH SECOND SEMESTER		
Sub Code	Sub Name	C	Sub Code	Sub Name	C
MA1201	Engineering Mathematics -II	4	MA1101	Engineering Mathematics -I	4
CH1108	Engineering Chemistry	4	CE1102	Mechanics of Solids	3
EE1109	Elements of Electrical Engineering	3	PH 1103	Engineering Physics	4
CS1110	Computer Programming using C	4	ME1105	Engineering Graphics	3
*CH1191	Environmental Science	0	BA1106	Communication Skills	3
CH1163	Engineering Chemistry Lab	1.5	ME1161	Workshop Practice	1.5
CS1164	Computer Programming Lab	1.5	PH1162	Engineering Physics Lab	1.5
Total credits for the Semester:		18	Total credits for the Semester:		20
* Mandatory audit course					

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 4: Schema of higher semesters (III to VIII) of all B. Tech. and other Courses

The detailed syllabuses are displayed on SMIT website.

3.2.1 B. Tech. (Civil Engineering)

THIRD SEMESTER				FOURTH SEMESTER			
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C	
II	MA 1301	Engineering Mathematics – III	3	CE 1401	Numerical Methods in Civil Engg.	3	
	CE 1302	Fluid Mechanics – I	3	CE 1402	Fluid Mechanics – II	3	
	CE 1303	Structural Analysis – I	3	CE 1403	Structural Analysis – II	3	
	CE 1305	Surveying – I	3	CE 1404	Design of RC Structures	3	
	CE 1306	Engineering Geology	3	CE 1405	Surveying - II	3	
	CE 1307	Building Science & Concrete Technology	3	CE 1407	Environmental Engineering – I	3	
	CE 1361	Planning & CA Drawing of Buildings	1.5	CE 1461	Fluid Mechanics Lab – I	1.5	
	CE 1362	Material Testing Lab – I	1.5	CE 1462	Material Testing Lab – II	1.5	
	CE 1363	Geology Lab	1.5	CE 1463	Surveying Practice – I	1.5	
	BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*	0				
	Total:			22.5	Total:		22.5
	* Mandatory audit course						
FIFTH SEMESTER			C	Subject Code	SIXTH SEMESTER		
III	CE 1501	Geotechnical Engineering. – I	3	CE 1601	Geotechnical Engineering – II	4	
	CE 1502	Design of Adv. RC Structures	3	CE 1602	Design of Steel Structures	4	
	CE 1503	Irrigation Engineering	3	CE 1606	Remote Sensing & GIS	3	
	CE 1504	Engineering Hydrology	3	CE 16**	Elective – I #	3	
	CE 1506	Transportation Engg. – I	3	CE 16**	Elective – II #	3	
	CE 1507	Environmental Engineering – II	3	CE 1663	Computer Aided Structural Analysis & Design	1.5	
	CE 1561	Geo Technical Lab	1.5	CE 1664	Remote Sensing & GIS Lab	1.5	
	CE 1562	Surveying Practice – II	1.5	CE 1671	Mini Project	2	
	CE 1564	Environmental Engineering Lab	1.5				
	CE 1581	Industrial Training – I	0.5				
Total:			23	Total:		22	
Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Elective II.				Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Elective III or IV (only one).			
SEVENTH SEMESTER			C	Subject Code	EIGHTH SEMESTER		
IV	CE-1701	Estimating, Costing and Valuation	4	CE-1875	Major Project	12	
	CE-1702	Construction Planning, Organization & Equipments	3				
	CE-1704	Design of Pre-stressed Concretes	3				
	CE-1705	Transportation Engg. – II	3				
	CE-17**	Elective – III #	3				
	CE-1762	Survey Project	1.5				
	CE-1763	Structural Design and Drawing	1.5				

Manual of Procedure for Conduct of University Examinations

	CE-1781	Industrial Training – II	1		
Total:			20	Total:	
Total Credit: 122				Total Credit: 122	

Note:

- Students may opt for AUDIT COURSES offered by the Civil Engineering Department or any other department of Sikkim Manipal Institute of Technology. Students may opt for RELEVANT Online Courses SELECTED BY THE DEPARTMENT as Audit Course.
- All the online courses are voluntary.

ELECTIVE I & II			ELECTIVE III		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
CE 1631	Ground Water Engineering	3	CE 1731	Finite Element Method of Analysis	3
CE 1632	Environment Impact Assessment	3	CE 1732	Ground Improvement Techniques	3
CE 1633	Solid Waste Management	3	CE 1733	Structural Dynamics & Earthquake Engineering	3
CE 1634	Transport Planning	3	CE 1734	Advanced Foundation Engineering	3
CE 1635	Applications of Probability & Statistics in Civil Engineering	3	CE 1735	Advanced Structural Design	3
CE 1641	Latest Trends in Civil Engineering	3	CE 1737	Advanced Structural Analysis	3
CE 1642	Design of Hydraulic Structures	3	CE 1739	Bridge Engineering	3
			CE 1740	Repair and Rehabilitation of Structures	3
			CE 1741	Optimization Techniques	3
Note: Students have to choose electives from subjects offered by the department or from the list of online courses offered by SWAYAM or any other.			Note: Students have to choose elective from subjects offered by the department or from the list of online courses offered by SWAYAM or any other.		

Manual of Procedure for Conduct of University Examinations

3.2.2 B. Tech. (Computer Science & Engineering)

THIRD SEMESTER				FOURTH SEMESTER		
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C
II	MA 1308	Discrete Mathematics	3	MA 1408	Numerical Methods, Complex and Fourier Analysis	3
	CS 1302	Data Structures	3	CS 1403	Database Management Systems	3
	CS 1304	Digital Circuits and Logic Design	3	CS 1405	Design and Analysis of Algorithms	3
	CS 1306	Computer Organization and Architecture	3	CS 1406	Advanced Computer Organization & Architecture	3
	CS 1307	Intellectual Property Rights and Software Ethics	3	CS 14**	Program Elective-I #	3
	CS 1308	Object Oriented Concepts & Programming using C++	3	CS 14**	Open Elective-I	3
			1.5	CS 1462	Database Management Systems Lab	1.5
	CS 1361	Data Structures Lab	1.5	CS 1464	Advanced Programming Lab	1.5
	CS 1363	Digital Circuits and Logic Design Lab	1.5	CS 1465	Algorithm Lab	1.5
	CS 1365	Object Oriented Concepts & Programming using C++ Lab	0			
BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*					
Total:			22.5	Total:		22.5
Note: Upto one audit course can be taken from online courses. * Mandatory audit course				Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Program Elective I		
FIFTH SEMESTER			C	Subject Code	SIXTH SEMESTER	
III	MA1502	Probability, Statistics and Stochastic Processes	3	CS 1604	Formal Languages and Automata Theory	4
	CS 1502	Operating Systems	3	CS 1606	Computer Networks-II	3
	CS 1508	Computer Networks – I	3	CS 1607/ CS 1702	Soft Computing	4
	CS 1509	Software Engineering	3	CS 16**	Program Elective – IV #	3
	CS 15**	Program Elective-II #	3	CS 16**	Program Elective – V #	3
	CS 15**	Program Elective-III #	3	CS 1663	Computer Networks Lab	1.5
	CS 1561	Operating Systems Lab	1.5	CS 1665	Soft Computing Lab (Sci Lab/MATLAB)	1.5
	CS 1566	Software Engineering and Object-Oriented Analysis Lab	1.5	CS 1671	Mini Project	2
	CS1567	Scripting Language Lab	1.5			
	CS1581	Industrial Training- I	0.5			
Total:			23	Total:		22
Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Program Elective II & III (only one)				Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Program Elective IV or V (only one).		
SEVENTH SEMESTER			C	Subject Code	EIGHTH SEMESTER	
IV	CS 1701	Distributed Systems	4	CS 1875	Major Project	12
	CS 1703	Compiler Design	3			
	BA 1710	Industrial Engineering Management	3			
	CS 17**	Program Elective-VI #	3			
	CS 17**	Open Elective –II	3			
	CS 1761	Distributed Systems Lab	1.5			
	CS 1762	Compiler Design Lab	1.5			
CS 1781	Industrial Training- II	1				

Manual of Procedure for Conduct of University Examinations

Total:	20	Total:	12
Note: Upto one audit course can be taken from online courses. #Online courses as decided by the department can be taken as Program Elective VI		Total Credit: 122	

Note: All the online courses are voluntary

Open Elective I and Program Elective I			Program Elective II & III		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
CS 1422	Enterprise Resource Planning (Open)	3	CS 1531	Information Transmission and Coding Theory	3
CS 1423	Microprocessors and Peripheral Devices (Open)	3	CS 1532	Advanced Java Programming	3
CS 1424/ EC 1407	Communication Techniques (Open)	3	CS 1533	System Programming	3
CS 1425	Internet, Technology and Society (Open)	3	CS 1534/ CS 1507	Discrete Structure	3
CS 1426/ CS 1432	PC Hardware and Peripherals (Open)	3	CS 1535/ CS 1636	Graph Theory	3
CS 1434/ CS 1421	Java Programming	3	CS 1536/ CS 1638	System Simulation and Modeling	3
CS 1435	Python Programming	3	CS 1537/ CS 1743	Advanced Web Technologies	3
CS 1436/ CS 1642	Fundamentals of Web Technologies	3	CS 1538/ CS 1601	Object Orient Analysis and Design using UML	3
			CS 1539	Biology	3
			CS 1540/ CS 1632	Bioinformatics	3
			CS 1541/ CS 1633	Digital Image Processing	3
			CS 1542/ CS 1635	Embedded Systems	3
			CS 1543/ CS 1647	Low Power Circuits and Systems	3
			CS 1544/ CS 1649	Information Retrieval	3
Program Elective IV & V			Open Elective II and Program Elective VI		
CS 1634	Data Warehousing and Data Mining	3	CS 1721/CS 1407	Principle of Programming Languages (Open)	3
CS 1637	Software Quality Management	3	CS 1723	Big Data (Open)	3
CS 1639	Real Time Systems	3	CS 1724/ CS 1736	Optimization Technique (Open)	3
CS 1641	Social Network Analysis	3	CS 1725	Indian Music System (Open)	3
CS 1643	VLSI Design	3	CS 1726	History of Science (Open)	3
CS 1645/ CS 1605	Unix Internals and Shell Programming	3	CS 1727	Introduction to Art and Aesthetics (Open)	3
CS 1646	Speech and Natural Language Processing	3	CS 1728	Economic Policies in India (Open)	3
CS 1648	Signals and Networks	3	CS 1729	Engineering Research Methodology (Open)	3
CS 1650	Agile Methodology	3	CS 1730/ CS 1626	Intellectual Property Rights	3
CS 1651	Latest Trends in Computer Science	3	CS 1731	Ad-Hoc Wireless Networks	3
CS 1653	Neural Networks and Deep Learning	3	CS 1732	Cloud Computing	3
CS 1654	Remote Sensing	3	CS 1733	Cryptography and Network Security	3
CS 1655/ CS 1624	Autonomous Mobile Robotics and Computational Intelligence	3	CS 1734	Distributed Database System	3
CS 1656/ CS 1625	Geographical Information System	3	CS 1739	Wireless Sensor Networks	3
CS 1657	Soft Skills and Interpersonal Communication	3	CS 1741	Machine Learning	3
CS 1658	Human Resource Development and Organizational Behavior	3	CS 1742	Data Analytics	3
			CS 1744	Mobile Computing	3
			CS 1745	High Performance Computing	3
			CS 1746	Human Computer Interaction	3
			CS 1747	Computational Number Theory	3
			CS 1748	Advanced Operating Systems	3
			CS 1749	Fault Tolerant Computing	3
			CS 1750	Multi-agent Intelligent Systems	3
			CS 1751	Parallel and Distributed Algorithms	3
			CS 1752	Advanced Algorithms	3
			CS 1753	Computational Geometry	3
			CS 1754	Queueing Theory and Modeling	3
			CS 1755	Quantum Computing	3
			CS 1756	R Programming	3
			CS 1757	Internet of Things	3
			CS 1758/ CS 1640	Computer Vision	3
			CS 1759/ CS 1644	Artificial Intelligence	3
			CS 1760	Block Chain	3

Manual of Procedure for Conduct of University Examinations

			CS 1761	Augmented Reality	3
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Note:

- There shall be two types of electives floated by the department and external agency. The subjects given in the lists above are the first set of subjects and will be offered in the institute (SMIT).
- Online courses offered by external agencies shall also be treated as audit courses or credit elective courses. Students have the option of choosing either elective subject offered in the institute or online courses. If a student selects elective from the list proposed by external agencies then the student is required to register for that course and fill up a form providing details of the course chosen by the student and submit it to the department for record. All the examinations for online courses shall be conducted by the agency conducting online courses. The student is required to produce mark details and course completion certificate in order to consider him/her eligible for award of grade in that particular course.

3.2.3 B. Tech. (Electronics & Communication Engineering)

THIRD SEMESTER				FOURTH SEMESTER		
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C
II	MA 1307	Engineering Mathematics-III	3	MA 1402	Engineering Mathematics- IV	3
	EC 1303	Electronic Devices and Components	3	EC 1403	Electromagnetic Waves	3
	EC 1304	Electronic Instrumentation and Measurements	3	EC 1410	Microprocessors	3
	EC 1305	Signals and Systems	3	EC 1406	Design and Analysis of Digital Systems	3
	EC 1306	Digital Electronics	3	EC 1408	Analog Electronics and Integrated Circuits	3
	EC 1308	Network Analysis and Synthesis	3	EC 1409	Analog Communication	3
	EC 1361	Electronic Devices and Components Lab.	1.5	EC 1461	Analog Electronic Circuits Lab.	1.5
	EC 1362	Signal and Circuit Simulation Lab.	1.5	EC 1462	Microprocessor Lab.	1.5
	EC 1363	Digital Electronics Lab.	1.5	EC 1463	Digital System Lab.	1.5
	BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*	0			
	Total:			22.5	Total:	
Note: Up to one audit course can be taken. * Mandatory audit course				Note: Up to one audit course can be taken.		
FIFTH SEMESTER				SIXTH SEMESTER		
III	EC 1501	Antenna Theory	3	EC 1601	Microwave Engineering	4
	EC 1502	Linear and Digital Control System	3	EC 1604	Digital Communication	4
	EC 1505	Digital Signal Processing	3	EC 1606	Java Programming	3
	EC 1507	Computer Networks	3	EC 1607	Micro Electronics and VLSI Design	3
	EC 1508	Object Oriented Programming with C++	3	EC 16**	Elective –I #	3
	EC 1509	Embedded Systems	3	EC 1661	Digital Signal Processing Lab.	1.5
	EC 1562	Communication Lab.	1.5	EC 1662	Microwave Lab.	1.5
	EC 1563	Object Oriented Programming Lab. with C++	1.5	EC 1671	Mini Project	2
	EC 1564	Embedded System Lab.	1.5			
	EC 1581	Industrial Training- I	0.5			
Total:			23	Total:		22
Note: Up to one audit course can be taken.				Note: Up to one audit course can be taken. #Online courses as decided by the department can be taken as Elective-I.		
SEVENTH SEMESTER				EIGHTH SEMESTER		
IV	EC 1701	Satellite and Optical Communication Systems	3	EC 1875	Major Project	12
	BA 1510	Industrial Management	3			
	EC 1705	Mobile Communication	4			
	EC 173*	Elective –II #	3			
	EC 174*	Elective –III #	3			
	EC 1761	VLSI Lab.	1.5			
	EC 1762	Advanced Communication Lab.	1.5			
	EC 1781	Industrial Training- II	1			
Total:			22	Total:		12
Note: Up to one audit course can be taken. #Online courses as decided by the department can be taken as				Total Credit: 122		

Manual of Procedure for Conduct of University Examinations

Elective-II.

Note: All the online courses are voluntary

ELECTIVE I			ELECTIVE II		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
EC 1634	Communication Technology in Telemedicine	3	EC 1731	Digital Image Processing	3
EC 1635	Soft Computing Techniques	3	EC 1732	Broadband Communication and Networking	3
EC 1636	Detection and Estimation Techniques	3	EC 1733	Advanced Digital Signal Processing	3
EC 1637	Cloud RAN in Software Defined Network	3	EC 1734	Embedded Operating System	3
EC 1638	Recent Trends in Electronics and Communication Engineering	3	EC 1735	Advanced Electronics Devices	3
			EC 1736	Power Electronics	3
			EC 1737	Digital Computer Architecture	3
			EC 1738	Speech Processing	3
ELECTIVE III					
EC 1741	Multimedia Communication System	3			
EC 1742	Internet of Things	3			
EC 1743	Micro Electronics Mechanical System Devices	3			
EC 1744	Automation and Robotics	3			
EC 1745	Nano Electronics	3			
EC 1746	Photonic Devices and Circuits	3			
EC 1747	Adaptive Signal Processing	3			
EC 1748	Wireless Sensor Network				

Note:

- There shall be two types of electives floated by the department and external agency. The subjects given in the lists above are the first set of subjects and will be offered in the institute (SMIT).
- Online courses offered by external agencies shall also be treated as audit courses or credit elective courses. Students have the option of choosing either elective subject offered in the institute or online courses. If a student selects elective from the list proposed by external agencies then the student is required to register for that course and fill up a form providing details of the course chosen by the student and submit it to the department for record. All the examinations for online courses shall be conducted by the agency conducting online courses. The student is required to produce mark details and course completion certificate in order to consider him/her eligible for award of grade in that particular course.

Manual of Procedure for Conduct of University Examinations

3.2.4 B. Tech. (Electrical & Electronics Engineering)

THIRD SEMESTER				FOURTH SEMESTER			
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C	
II	MA1303	Engineering Mathematics - III	3	MA1403	Engineering Mathematics – IV	3	
	EE1302	Circuits & Networks	3	EE 1402	Signals & Systems	3	
	EE1303	Electrical Machines-I	3	EE 1403	Electrical Machines-II	3	
	EE1305	Digital Electronics	3	EE 1405	Generation, Transmission & Distribution of Electrical Power	3	
	EE1306	Analog Electronic Circuits	3	EE 1406	Analog Systems Design	3	
	EE1308	Measurement and Instrumentation	3	EE 1407	Electromagnetic Theory	3	
	EE1361	Electric Circuits & PSPICE Lab	1.5	EE 1461	Electrical Machines Lab -I	1.5	
	EE1362	Basic Electronics Lab	1.5	EE 1462	Analog and Digital Electronics Lab	1.5	
	EE1365	C++ Lab	1.5	EE 1464	Measurement and Instrumentation Lab	1.5	
	BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*	0				
	Total:			22.5	Total:		22.5
	Note: Upto one audit course (preferably online) can be taken * Mandatory audit course				Note: Upto one audit course (preferably online) can be taken		
FIFTH SEMESTER				SIXTH SEMESTER			
III	EE 1501	Power Electronics	3	EE 1601	Power System Stability, Operation and Control	4	
	EE 1502	Linear Control Systems	3	EE 1602	Advanced Control Theory	4	
	EE 1503	Microprocessor & Microcontroller	3	BA 1510	Industrial Management	3	
	EE 1504	Digital System Design	3	EE 1605	Renewable Energy Systems	3	
	EE 1506	Power System Analysis	3	EE 16**	Elective- I#	3	
	EE 1507	Principles of Communication	3	EE 1662	Power Electronics Lab	1.5	
	EE 1561	Microprocessors and Micro Controller Lab	1.5	EE 1663	Power System Lab	1.5	
	EE 1562	Electrical Machines Lab -II	1.5	EE 1671	Mini Project	2	
	EE 1563	Control Lab	1.5				
	EE 1581	Industrial Training- I	0.5				
Total:			23	Total:		22	
Note: Upto one audit course (preferably online) can be taken				Note: Upto one audit course (preferably online) can be taken #Online courses as decided by the department can also be taken as Elective I.			
SEVENTH SEMESTER				EIGHTH SEMESTER			
IV	EE 1702	Switchgear & Protection	4	EE 1875	Major Project	12	
	EE 1705	Electrical Drives	3				
	EE 1706	Digital Signal Processing	3				
	EE 17**	Elective- II#	3				
	EE 17**	Elective- III#	3				
	EE 1761	Electrical Drives Lab.	1.5				
	EE 1763	Advance Programming Lab	1.5				
EE 1781	Industrial Training- II	1					
Total:			20	Total:		12	
Note: Upto one audit course (preferably online) can be taken # Online courses as decided by the department can also be taken as Elective II and Elective III.				Total Credits = 122			

Note: All the online courses are voluntary

Manual of Procedure for Conduct of University Examinations

ELECTIVE I			ELECTIVE II		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
EE 1631	Programming with JAVA	3	EE 1731	Fuzzy Logic and Evolutionary Algorithms	3
EE 1632	Software Engineering	3	EE 1741	Machine Learning	3
EE 1633	Data Base Management Systems (DBMS)	3	EE 1734	Modern Power Converters	3
EE 1635	Data Structures and Algorithms	3	EE 1735	Advanced Methods in Control Theory	3
EE 1637	Fundamentals of Nano Electronics	3	EE 1736	Flexible AC Transmission Systems	3
EE 1638	EHV AC & DC Transmission	3	EE 1737	Digital Image Processing	3
EE 1639	Process Control and Instrumentation	3	EE 1742	VLSI Design	3
EE 1640	Latest Trends in Electrical and Electronics Engineering		EE 1743	Electrical Machine Design	
EE 1641	Advanced Microprocessor & Embedded Systems				
ELECTIVE III - PROGRAM ELECTIVE			ELECTIVE III - OPEN ELECTIVE		
EE 1738	High Voltage Engineering	3	EE 1721	Wave Guides & Antenna	3
EE 1739	Data Communication & Computer Networks	3	EE 1722	Real Time Embedded System	3
EE 1740	Bio Medical Instrumentation	3			

Note: Elective I, Elective II and Elective III shall comprise two sets of subjects each. The subjects given in the list above are the first set of subjects and will be offered in the Department by Department faculty members. The second sets of subjects will be the online courses. Students have the option of choosing either elective subjects offered in the Department or online course. Students if opting for online courses shall enroll for the online course themselves paying necessary fees, if any. All the examinations for online course shall be conducted by the agency conducting the online course. The student is required to produce mark details and course completion certificate in order to consider him/her eligible for award of grade in that particular course. Audit course is voluntary and online course whose assessment could be entirely done by the external agencies (may be on payment basis)

Manual of Procedure for Conduct of University Examinations

3.2.5 B.Tech. (Information Technology)

THIRD SEMESTER				FOURTH SEMESTER		
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C
II	MA 1302	Engineering Mathematics -III	3	MA 1404	Engineering Mathematics - IV	3
	IT 1302	Data Structures	3	IT 1402	Computer Organization & Architecture	3
	IT 1304	Digital Circuits and Logic Design	3	IT 1403	Object Oriented Programming with C++	3
	IT 1306	Numerical Techniques	3	IT 1404	Database Management Systems	3
	EC 1307	Applied Electronics	3	IT 1406	Formal Language & Automata	3
	IT 1307	Data Communication	3	IT 1407	Simulation and Modeling	3
	IT 1361	Data Structures Laboratory	1.5	IT 1461	OOP with C++ Laboratory	1.5
	IT 1362	Digital Circuits and Logic Design Laboratory	1.5	IT 1462	Database Management Systems Laboratory	1.5
	EC 1364	Applied Electronics Laboratory	1.5	IT 1463	Computer Organization Laboratory	1.5
	BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*	0			
	Total:			22.5	Total:	
Note: Upto one audit course can be taken. * Mandatory audit course				Note: Upto one audit course can be taken.		
FIFTH SEMESTER				SIXTH SEMESTER		
III	IT 1501	Artificial Intelligence	3	IT 1601	Java Programming	3
	IT 1502	Computer Graphics	3	IT 1602	Computer Networks	4
	IT 1503	Microprocessor	3	IT 1607	Software Engineering	4
	IT 1504	Operating System	3	IT 1608	Cloud Computing	3
	IT 1505	Design & Analysis of Algorithm	3	IT 16**	Elective-I #	3
	BA 1510	Industrial Management	3	IT 1661	Java Programming Laboratory	1.5
	IT 1561	Computer Graphics Laboratory	1.5	IT 1662	Computer Networks Laboratory	1.5
	IT 1562	Microprocessor Laboratory	1.5	IT 1671	Mini Project	2
	IT 1563	Operating Systems Laboratory	1.5			
	IT 1581	Industrial Training- I	0.5			
Total:			23	Total:		22
Note: Upto one audit course can be taken.				Note: Upto one audit course can be taken. #Online courses as decided by the department can also be taken as Elective I		
SEVENTH SEMESTER				EIGHTH SEMESTER		
IV	IT1701	Cryptography & Network Security	4	IT1875	Major Project	12
	IT1702	Web Technology & Web Services	3			
	IT1704	Multimedia Computing & Communications	3			
	IT17**	Elective – II #	3			
	IT17**	Elective – III #	3			
	IT1761	Web Technology & Web Services Laboratory	1.5			
	IT1762	Multimedia Computing & Communication Laboratory	1.5			
IT1781	Industrial Training- II	1				
Total:			20	Total:		12
Note: Upto one audit course can be taken. #Online courses as decided by the department can also be taken as Elective II and III				Total Credit = 122		

Note: All the online courses are voluntary

Manual of Procedure for Conduct of University Examinations

ELECTIVE I			ELECTIVE II		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
IT 1633	Information Theory & Coding	3	IT 1731	Mobile Computing & Communication	3
IT 1634	Communication Techniques	3	IT 1732	Real Time Systems	3
IT 1635	Distributed Systems	3	IT 1733	Mobile Ad-hoc Networks	3
IT 1636	Graph Theory	3	IT 1734	Geographical Information Systems	3
IT 1637	Latest Trends in Information Technology	3	IT 1757	Introduction to E-Governance	3
IT 1638	System Programming	3	IT 1758	Digital Image Processing	3
IT 1639	E-Commerce	3	IT 1759	Object Oriented Modeling and Design	3
IT 1640	Social Network Analysis		IT 1760	Information Retrieval	3
ELECTIVE III					
IT 1736	Neural Networks	3			
IT 1737	Operation Research	3			
IT 1738	Distributed & Grid Computing	3			
IT 1739	Pattern Recognition	3			
IT 1740	Data Warehouse & Data Mining	3			
IT 1741	Web Content Management & Web 2.0	3			
IT 1742	Big Data Analytics	3			
IT 1743	Information System Management	3			
IT 1744	Embedded Systems	3			

Note:

- There shall be two types of electives floated by the department and external agency. The subjects given in the lists above are the first set of subjects and will be offered in the institute (SMIT).
- Online courses offered by external agencies shall also be treated as audit courses or credit elective courses. Students have the option of choosing either elective subject offered in the institute or online courses. If a student selects elective from the list proposed by external agencies then the student is required to register for that course and fill up a form providing details of the course chosen by the student and submit it to the department for record. All the examinations for online courses shall be conducted by the agency conducting online courses. The student is required to produce mark details and course completion certificate in order to consider him/her eligible for award of grade in that particular course.

Manual of Procedure for Conduct of University Examinations

3.2.6 B. Tech. (Mechanical Engineering)

THIRD SEMESTER				FOURTH SEMESTER		
Year	Subject Code	Subject Name	C	Subject Code	Subject Name	C
II	MA 1305	Engineering Mathematics- III	3	ME 1403	Fluid Mechanics	3
	ME 1307	Engineering Thermodynamics	3	MA 1405	Numerical Methods	3
	ME 1303	Manufacturing Process- I	3	ME 1405	Material Science	3
	ME 1309	Strength of Materials	3	ME 1406	Manufacturing Process- II	3
	ME 1305	Mechanical Drawing	3	ME 1407	Thermal Engineering – I	3
	EE 1307	Electro Technology	3	ME 1409	Theory of Machines- I	3
	ME 1361	Strength of Materials Lab	1.5	ME 1461	Workshop Practice- II	1.5
	ME 1362	Computational Lab- I	1.5	ME 1462	Computer Graphics Lab	1.5
	EE 1364	Electro Technology Lab	1.5	ME 1463	Thermal Engineering Lab I	1.5
	BP 1391/ BP 1392	Constitution of India/ Essence of Indian Traditional Knowledge*				
Total:			22.5	Total:		22.5
Note: Upto one optional audit course can be taken. * Mandatory audit course				Note: Upto one optional audit course can be taken.		
FIFTH SEMESTER				SIXTH SEMESTER		
III	ME 1501	Industrial Engineering and Management	3	ME 1603	Machine Design- II	4
	ME 1502	Heat Transfer	3	ME 1604	Automobile Engineering	3
	ME 1505	Metrology	3	ME 1607	Thermal Engineering – II	3
	ME 1508	Fluid & Hydraulic Machines	3	ME 1609	Theory of Machines- II	4
	ME 1509	Machine Design- I	3	ME 16**	Elective- I#	3
	ME 1511	Mechanics of Solids- I	3	ME 1662	Computational Lab II	1.5
	ME 1562	Fluid Mechanics Lab	1.5	ME 1663	Automobile Lab	1.5
	ME 1565	Manufacturing and Metrology Lab	1.5	ME 1671	Mini Project	2
	ME 1566	Thermal Engineering Lab- II	1.5			
	ME 1581	Industrial Training- I	0.5			
Total:			23	Total:		22
Note: Upto one optional audit course can be taken.				Note: Upto one optional audit course can be taken #Students will have to choose either elective subject floated by the department or online elective offered by the external agency		
SEVENTH SEMESTER				EIGHTH SEMESTER		
IV	ME 1701	Mechanical Vibrations	4	ME1875	Major Project	12
	ME 1703	Computer-aided Design and Manufacturing	3			
	ME 1710	Operations Research	3			
	ME 17**	Elective- II#	3			
	ME 17**	Elective- III#	3			
	ME 1761	Machine Dynamics Lab	1.5			
	ME 1762	CAD/CAM Lab	1.5			
ME 1781	Industrial Training	1				
Total:			20	Total:		12
Note: Upto one optional audit course can be taken. #Students will have to choose either elective subject floated by the department or online elective offered by the external agency				Total Credits: 122		

Manual of Procedure for Conduct of University Examinations

ELECTIVE I			ELECTIVE II		
Subject Code	Subject Name	C	Subject Code	Subject Name	C
ME 1631	Latest Trends in Mechanical Engineering	3	ME 1731	Power Plant Engineering	3
ME 1632	Mechatronics	3	ME 1732	Refrigeration and Air-Conditioning	3
			ME 1733	Energy Management	3
			ME 1737	Robotics and Automation	3
			ME 1740	Internal Combustion Engine	3
ELECTIVE III					
ME 1735	Tool Engineering and Design	3			
ME 1736	Total Quality Management	3			
ME 1738	Computer Integrated Manufacturing	3			
ME 1739	Production and Operation Management	3			
ME 1741	Advanced Manufacturing Techniques	3			

Note:

- There shall be two options for each elective, one floated by the department and the other by external agency. The subjects given in the lists above are the first set of subjects and will be offered by the department.
- Online courses offered by external agencies shall also be treated as credit elective courses. Students have the option of choosing elective subject either offered by the department or online courses. If a student selects elective from the list proposed by external agencies then the student is required to register for that course and fill up a form providing details of the course chosen by the student and submit it to the department for record. All the examinations for online courses shall be conducted by the agency conducting online courses. The student is required to produce mark details and course completion certificate in order to consider him/her eligible for award of grade in that particular course.

Manual of Procedure for Conduct of University Examinations

3.2.7 B. Sc. (Information Technology)

B.Sc. (IT) SEMESTER -I		
Sub. Code	Sub. Name	Credit
IS 1101	Fundamentals of Information Technology	4
IS 1102	Digital Electronics	4
IS 1103	English	4
IS 1104	Principles of C Programming	4
IS 1161	Programming Lab – I	1.5
Total credits for the Semester:		17.5

B.Sc. (IT) SEMESTER -III		
Sub. Code	Sub. Name	Credit
IS 1301	Operating System	4
IS 1302	Computer Networks	4
IS 1303	Object Oriented Programming – Java	4
IS 1304	Database Management Systems	4
IS 1363	Programming Lab – III	1.5
IS 1364	Database Management Systems Lab	1.5
Total credits for the Semester:		19

B.Sc. (IT) SEMESTER -V		
Sub. Code	Sub. Name	Credit
IS 1501	Mobile and Wireless Technologies	4
IS 1502	Software Testing	4
IS 1503	Cyber Security	4
IS 15**	Elective – I	4
IS 1566	Software Engineering Lab	1.5
IS 1567	Mobile Programming Lab	1.5
IS 1571	Mini Project	12
Total credits for the Semester:		31

ELECTIVE – I		
Sub. Code	Sub. Name	Credit
IS 1531	Advanced Computer Networks	4
IS 1532	Cloud Computing	4
IS 1533	E-Commerce	4

B.Sc. (IT) SEMESTER -II		
Sub. Code	Sub. Name	Credit
IS 1201	Object Oriented Programming – C++	4
IS 1202	Basic Mathematics	4
IS 1203	Data and File Structure	4
IS 1204	Computer Architecture	4
IS 1205	Basics of Data Communication	4
IS 1262	Programming Lab – II	1.5
Total credits for the Semester:		21.5

B.Sc. (IT) SEMESTER -IV		
Sub. Code	Sub. Name	Credit
IS 1401	Human Computer Interface	4
IS 1402	Web Systems and Technology	4
IS 1403	Probability and Statistics	4
IS 1404	Software Engineering	4
IS 1405	Web Programming – I	4
IS 1465	Web Programming Lab - I	1.5
Total credits for the Semester:		21.5

B.Sc. (IT) SEMESTER -VI		
Sub. Code	Sub. Name	Credit
IS 1601	Web Programming – II	4
IS 16**	Elective – II	4
IS 1668	Web Programming Lab – II	1.5
IS 1675	Major Project	20
Total credits for the Semester:		29.5
Total credits for the semesters I to VI:		140

ELECTIVE – II & III		
Sub. Code	Sub. Name	Credit
IS 1631	IT Infrastructure Management	4
IS 1632	Managing Big Data	4
IS 1633	Mobile Application Development	4

Manual of Procedure for Conduct of University Examinations

3.2.8 Bachelor of Computer Application (BCA)

BCA SEMESTER - I		
Sub. Code	Sub. Name	Credit
MA 1104	Mathematics – I	4
CA 1106	Fundamentals of Computer And Multimedia Technologies	4
BA 1110	Fundamentals of Business Management	4
CA 1104	C Programming - I	4
CA 1105	Fundamentals of Digital Electronics	4
CA 1163	PC Configuration Lab	1.5
CA 1162	C Programming Lab - I	1.5
Total credits for the Semester:		23

BCA SEMESTER -II		
Sub. Code	Sub. Name	Credit
MA 1204	Mathematics – II	4
CA 1202	C Programming - II	4
BA 1210	Accounting and Financial Management	4
CA 1204	HTML and Scripting for Web Page Design	4
CA 1205	Principles of Programming Language	4
CA 1261	C Programming - II Lab	1.5
CA 1262	HTML and Scripting for Web Page Design Lab	1.5
Total credits for the Semester:		23

BCA SEMESTER -III		
Sub. Code	Sub. Name	Credit
MA 1304	Mathematics III	4
CA 1302	E – Commerce	4
CA 1303	Fundamentals of Data Structures	4
CA 1304	Object Oriented Programming Using C++	4
BA 1337	Computer and Communication Skill	4
CA 1361	Data Structures Lab	1.5
CA 1362	C++ Lab	1.5
Total credits for the Semester:		23

BCA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
CA 1401	Database Management System	4
CA 1402	Java Programming	4
CA 1404	UNIX and Shell Programming	4
CA 1408	Recent Trends in Computer Application	4
CA 1407	Data Communication & Network	4
CA 1461	Database Management System Lab	1.5
CA 1462	Java Programming Lab	1.5
Total credits for the Semester:		23

BCA SEMESTER -V		
Sub. Code	Sub. Name	Credit
CA 1501	Operating Systems	4
CA 1503	IT Laws and Practices	4
CA 1506	.Net Programming	4
CA 15**	Elective – I	4
CA 15**	Elective – II	4
CA 1561	Operating Systems Lab	1.5
CA 1563	.Net Lab	1.5
Total credits for the Semester:		23

BCA SEMESTER -VI		
Sub. Code	Sub. Name	Credit
CA 1601	Software Engineering	4
CA 1603	Python Programming	4
CA 16**	Elective – III	4
CA 16**	Elective – IV	4
CA 1661	Software Engineering Lab	1.5
CA 1663	Python Lab	1.5
CA 1671	Project	6
Total credits for the Semester:		25
Total credits for the semesters I to VI:		140

ELECTIVE – I		
Sub. Code	Sub. Name	Credit
CA 1531	Cobol and MIS	4
CA 1533	Web Development using PHP	4
CA 1538/ CA 1505	Web Technologies	4
CA 1539	C# Programming	4

ELECTIVE – II		
Sub. Code	Sub. Name	Credit
CA 1535	Fundamentals of Data Science	4
CA 1536	Fundamentals of Cloud Computing	4
CA 1537	Cryptography Fundamentals	4

ELECTIVES -III & IV		
Sub. Code	Sub. Name	Credit
CA 1636	Data Analytics using Python	4
CA 1637	Security and Privacy for Data Science	4
CA 1638	Database Administration	4
CA 1640	Cloud Computing and Security	4
BA 1641	Big Data and its Applications in Cloud	4
CA 1642	Distributed System	4
CA 1650	Network and Information Security	4
CA 1651	Internet Security and Privacy	4
CA 1652	System and Network Administration	4

Manual of Procedure for Conduct of University Examinations

3.2.9 BCA in Cloud Computing in collaboration with knowledge partner i-Nurture

BCA SEMESTER -I		
Sub. Code	Sub. Name	Credit
CA 1111	Communication Skills	3
CA 1112	English	4
CA 1113	Fundamentals of Mathematics	4
CA 1114	Computer Fundamentals & Organization	4
CA 1115	Programming in C	3
CA 1116	Introduction to Linux	3
CA 1166	C-Programming Lab	1
CA 1167	Introduction To Linux -Lab	1
Total credits for the Semester:		23

BCA SEMESTER -II		
Sub. Code	Sub. Name	Credit
CA 1211	Reasoning and Thinking -I	3
CA 1212	English – II	4
CA 1213	Fundamental of Storage Management	4
CA 1214	Operating System	4
CA 1215	OOPs With C++	3
CA 1216	Data Structures using C	3
CA 1266	OOPs With C++ - Lab	1
CA 1267	Data Structure using C - Lab	1
Total credits for the Semester:		23

BCA SEMESTER -III		
Sub. Code	Sub. Name	Credit
CA 1311	Introduction to Public Speaking	3
CA 1312	Information Security Fundamentals	4
CA 1313	Software Engineering	4
CA 1314	RDBMS	3
CA 1315	Computer Networks	4
CA 1316	Programming in Java	3
CA 1366	RDBMS - Lab	1
CA 1367	Programming in Java - Lab	1
Total credits for the Semester:		23

BCA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
CA 1411	Employability Skills	3
CA 1412	Installation and Configuration of Server	3
CA 1413	Ethical Hacking Fundamentals	3
CA 1414	Cryptography Fundamentals	4
CA 1415	Introduction to Cloud Technology	4
CA 1416	Fundamentals of Data Center	4
CA 1466	Ethical Hacking Fundamentals-Lab	1
CA 1467	Installation and Configuration of Server-Lab	1
Total credits for the Semester:		23

BCA SEMESTER -V		
Sub. Code	Sub. Name	Credit
CA 1511	Computer Forensics and Investigation	3
CA 15**	Elective-I	4
CA 1512	IT Governance, Risk & Information Security Management	4
CA 1513	Linux Administration	4
CA 1514	Introduction to Cloud Computing Solution	4
CA 1515	Principles of Virtualization	3
CA 1566	Computer Forensics and Investigation -Lab	1
CA 1567	Principles of Virtualization - Lab	1
Total credits for the Semester:		24

ELECTIVE FOR SEMESTER -V		
Sub. Code	Sub. Name	Credit
CA 1551	Virtualization and Cloud Security	4
CA 1552	Professional Skills	4
CA 1553	Business Organization Basics	4

ELECTIVE FOR SEMESTER -VI		
Sub. Code	Sub. Name	Credit
CA 1651	Mobile , Wireless and VOI Security	4
CA 1652	Reasoning And Thinking - II	4
CA 1653	ITIL	4

BCA SEMESTER -VI		
Sub. Code	Sub. Name	Credit
CA 16**	Elective-II	4
CA 1672	Project & Viva-Voce	20
Total credits for the Semester:		24
Total credits for the semesters I to VI:		140

Manual of Procedure for Conduct of University Examinations

3.2.10 Bachelor of Business Administration (BBA)

BBA SEMESTER -I		
Sub. Code	Sub. Name	Credit
BA 1101	Principles and Practice of Management	4
BA 1161	Excel Applications for Business	2
BA 1103	Quantitative Analysis	4
BA 1104	Financial Accounting	4
BA 1105	Business Economics	4
BA 1107	Business Law	4
Total credits for the Semester:		22

BBA SEMESTER -III		
Sub. Code	Sub. Name	Credit
BA 1301	International Business	4
BA 1302	Production Management	4
BA 1303	Entrepreneurship and Small Business	4
BA 1304	Accounting for Management	4
BA 1305	Marketing Management	4
BA 1361	Financial Modelling Using Excel	2
Total credits for the Semester:		22

BBA SEMESTER -V		
Sub. Code	Sub. Name	Credit
BA 1571	Project presentation and Seminar	4
BA 1501	E-commerce	4
BA 1503	Marketing Communication and Advertising	3
BA 1512	Logistics and Supply Chain Management	3
BA 1531	Industrial Relations	3
BA 1532	Training and Development	3
BA 1534	Banking and Insurance	3
BA 1535	Financial Audit	3
Total credits for the Semester:		26

BBA SEMESTER -II		
Sub. Code	Sub. Name	Credit
MA 1205	Business Mathematics	4
BA 1201	Human Resources Management	4
BA 1202	Business Environment	4
BA 1203	Organization Behaviour	4
BA 1204	Business Finance	4
BA 1205	Business Communications	4
Total credits for the Semester:		24

BBA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
BA 1401	Business policy and Strategy	4
BA 1402	Marketing Research	4
BA 1403	Marketing of Services	4
BA 1404	Consumer Behaviour	4
BA 1409	Team Work and Cross Cultural Leadership	4
BA 1406	Project Management	4
Total credits for the Semester:		24

BBA SEMESTER -VI		
Sub. Code	Sub. Name	Credit
BA 1681	Viva- Voce	4
BA 1601	Corporate Governance	4
BA 1602	International Marketing Management	3
BA 1604	Rural Marketing	3
BA 1631	Human Resource Development	
BA 1632	Business Ethics	
BA 1635	Management of Financial Services	
BA 1636	Tax Planning and Tax Management	
Total credits for the Semester:		26
Total credits for the Semesters I to VI:		148

Manual of Procedure for Conduct of University Examinations

3.2.11 BBA in Financial Services in collaboration with knowledge partner i-Nurture

BBA SEMESTER -I		
Sub. Code	Sub. Name	Credit
BA 1108	Accounting –I	4
BA 1109	Management Concepts and Practices	4
BA 1111	Managerial Economics	4
BA 1112	Business Statistics	4
BA 1113	Business Law	4
BA 1114	Excel Applications for Business	4
Total credits for the Semester:		24

BBA SEMESTER -II		
Sub. Code	Sub. Name	Credit
BA 1206	Accounting-II	4
BA 1207	Organization Behaviour	4
BA 1208	Human Resources Management	4
BA 1209	Financial Management	4
BA 1211	Applied Macro Economics	4
BA 1212	Corporate Communication	4
Total credits for the Semester:		24

BBA SEMESTER -III		
Sub. Code	Sub. Name	Credit
BA 1307	Marketing Management	4
BA 1308	Business Research Methods	4
BA 1309	Services Management	4
BA 1310	Fundamentals of Foreign Trade	4
BA 1311	Cost Accounting	4
BA 1312	Fundamentals of Business Taxation	4
Total credits for the Semester:		24

BBA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
BA 1407	Business Ethics and Values	4
BA 1408	Fundamentals of Strategy	4
BA 1409	Team Work & Cross Cultural Leadership	4
BA 1410	Managerial Accounting	4
BA 1411	E-commerce	4
BA 1412	Indian Financial System	4
Total credits for the Semester:		24

BBA SEMESTER -V		
Sub. Code	Sub. Name	Credit
BA 1505	Introduction to Entrepreneurship	4
BA 1506	Enterprise Resource Planning	4
BA 1507	Cost Management	3
BA 1508	Financial Services	3
BA 1509	Introduction to Financial Planning	3
SPL	Specializations	9
Total credits for the Semester:		26
SPECIALIZATION		
BA 1537	Insurance and Risk Management	3
BA 1538	Fundamental Analysis and Technical Analysis	3
BA 1539	Derivatives and Commodity Market	3

BBA SEMESTER -VI		
Sub. Code	Sub. Name	Credit
BA 1682	Project and Viva-Voce	4
BA 1605	Business Planning & Project Management	4
BA 1606	Logistics & Supply Chain Management	3
BA 1607	Investment Banking and Operations	3
BA 1608	Tax Planning	3
SPL	Specializations	9
Total credits for the Semester:		26
Total credits for the Semesters I to VI:		148
SPECIALIZATION		
BA 1637	Strategic Financial Management	3
BA 1638	Financial Modelling using Excel	3
BA 1639	International Finance	3

Manual of Procedure for Conduct of University Examinations

3.3 Schema of all M. Tech Courses

3.3.1 M.Tech. (Structural Engineering)

M.TECH. (CE) SEMESTER -I		
Sub. Code	Sub. Name	Credit
MA 2106	Advanced Engineering Mathematics & Optimization	4
CE 2102	Advanced Mechanics of Solids	4
CE 2103	Finite Element Method -I	4
CE-2104	Structural Dynamics	4
CE 2105	Analysis and Design of Tall Structures	4
CE 2106	Research Methodologies & Technical Communication	2
CE 2161	Structural and Computational Lab.	1.5
CE 2162	Computer Lab	1.5
Total Credits For The Semester:		25

ELECTIVE - I		
Sub. Code	Sub. Name	Credit
CE 2231	Advanced Design of RC Structures	4
CE 2232	Advanced Structural Analysis	4
CE 2233	Masonry Structures	4
CE 2234	Advanced Concrete Technology	4
ELECTIVE - II		
CE 2235	Reliability Analysis and Design of Structures	4
CE 2236	Advanced Design of Steel Structures	4
CE 2237	Soil Structure Interactions	4
CE 2238	Structural Stability	4

M.TECH. (CE) SEMESTER -II		
Sub. Code	Sub. Name	Credit
CE 2201	Finite Element Method - II	4
CE 2202	Advanced Pre-Stressed Concrete	4
CE 22**	Elective I	4
CE 22**	Elective II	4
CE 22**	Elective III	4
CE 22**	Elective IV	4
CE 2281	Seminar	1
Total credits for the Semester:		25

ELECTIVES -III		
Sub. Code	Sub. Name	Credit
CE 2239	Mechanics of Composite Laminates	4
CE 2240	Earthquake Resistant Design of Structures	4
CE 2241	Analysis, Design and Construction of Shell Structures	4
CE 2242	Advanced Foundation Engineering	4
ELECTIVES -IV		
CE 2243	Advanced Strength of Materials	4
CE 2244	Structural health Monitoring	4
CE 2245	Composite Materials	4
CE 2246	Theory of plates and shells	4

M.TECH. (CE) SEMESTER -III & IV		
CE 2375	Project Work	35
Total credits for the Semesters (I to IV):		85

Manual of Procedure for Conduct of University Examinations

3.3.2 M.Tech. (Computer Science & Engineering)

M.TECH. (CSE) SEMESTER -I		
Sub. Code	Sub. Name	Credit
CS 2101	Advanced Computer Networks	4
CS 21**	Elective - I	4
CS 2102	Advanced Software Engineering	4
CS 21**	Elective - II	4
CS 2103	Advanced Soft Computing	4
CS 2161	Advanced Computer Networks Lab	1.5
CS 2162	Advanced Software Engineering Lab	1.5
CS 2181	Seminar	2
Total credits for the Semester:		25

M.TECH. (CSE) SEMESTER -II		
Sub. Code	Sub. Name	Credit
CS 2201	Distributed Systems	4
CS 22**	Elective - III	4
CS 2202	Object Oriented Systems	4
CS 22**	Elective - IV	4
CS 2203	Theory of Computation	4
CS 2261	Distributed Systems Lab	1.5
CS 2262	Object Oriented Systems Lab	1.5
CS 2281	Seminar	2
Total credits for the Semester:		25

M.TECH. (CSE) SEMESTER -III & IV		
CS 2375	Dissertation/Thesis / Project	35
Total credits for the Semesters (I to IV):		85

ELECTIVE I & II		
Sub. Code	Sub. Name	Credit
CS 2131	Advanced Computer Architecture	4
CS 2132	Advanced Database System	4
CS 2133	Advanced Design & Analysis of Algorithms	4
CS 2134	Bioinformatics	4
CS 2135	Digital Image Processing	4
CS 2136	Embedded Systems	4
CS 2137	Graph Theory for Computer Engineering Applications	4
CS 2138	Linux Internals	4
CS 2139	Real Time Systems	4
CS 2140	Remote Sensing	4
CS 2141	System Simulation and Modeling	4
CS 2142	Artificial Intelligence	4

ELECTIVE III & IV		
Sub. Code	Sub. Name	Credit
CS 2221	Advanced Cryptography & Network Security (OPEN)	4
CS 2222	Big Data (OPEN)	4
CS 2231	Ad hoc Wireless Networks	4
CS 2232	Cloud Computing	4
CS 2233	Data Warehousing and Data Mining	4
CS 2234	Geographical Information System	4
CS 2235	Engineering Research Methodology	4
CS 2236	Microprocessor Based System Design	4
CS 2237	Mobile Robotics and Intelligent Systems	4
CS 2238	Network Security	4
CS 2239	Optimization Techniques	4
CS 2240	VLSI Design	4
CS 2241	Wireless Sensor Networks	4
CS 2242	Machine Learning	4
CS 2243	Human Computer Interaction	4
CS 2245	Data Analytics	4

Manual of Procedure for Conduct of University Examinations

3.3.3 M.Tech. (Digital Electronics & Communication Engineering)

M.TECH. (DECE) SEMESTER -I		
Sub. Code	Sub. Name	Credit
MA 2109	Probability, Statistics and Random process	4
EC 2101	Information theory and Coding	4
EC 2102	4 G Technologies and beyond	4
EC 2103	Applied Electromagnetics	4
EC 21**	Elective - I	4
EC 2161	VLSI Laboratory	1.5
EC 2162	Communication Laboratory -I	1.5
EC 2181	Seminar-I	2
Total credits for the Semester:		25

ELECTIVE - I		
Sub. Code	Sub. Name	Credit
EC 2131	VLSI & Embedded System	4
EC 2132	Soft Computing Techniques	4
EC 2133	Digital and Spread Spectrum Communications	4
ELECTIVE - II		
EC 2231	High Speed Digital System Design	4
EC 2232	Internet of Things	4
EC 2233	Information Communication Technology	4

M.TECH. (DECE) SEMESTER -II		
Sub. Code	Sub. Name	Credit
EC 2201	Satellite & Optical Communication System	4
EC 2202	Advanced Signal & Image Processing	4
EC 2203	Communication Networks	4
EC 2204	Cognitive Radio in 5G	4
EC 22**	Elective - II	4
EC 2261	Advanced DSP Laboratory	1.5
EC 2262	Communication Laboratory -II	1.5
EC 2281	Seminar-II	2
Total credits for the Semester:		25

M. TECH (DECE) SEMESTER -III and IV		
Sub. Code	Sub. Name	Credit
EC 2375	Dissertation	35
Total credits for the Semesters (I to IV):		85

Manual of Procedure for Conduct of University Examinations

3.3.4 M.Tech. (Power Electronics)

M.TECH. (POWER ELECTRONICS) SEMESTER -I		
Sub. Code	Sub. Name	Credit
EE 2104	Advanced Power Electronics	4
EE 2105	Electrical Machine Analysis	4
EE 2106	Electric Drive Systems	4
EE 21**	Elective --I	4
EE 21**	Elective - II	4
EE 2161	Power Electronics lab-I	1.5
EE 2162	Programming & Simulation lab	1.5
EE 2181	Seminar	2
Total credits for the Semester:		25

ELECTIVE I		
Sub. Code	Sub. Name	Credit
EE 2131	Fuzzy Logic & Evolutionary Algorithms	4
EE 2132	Neural Networks	4
EE 2133	Industrial Automation & Control	
ELECTIVE-II		
EE 2134	Programming with JAVA	4
EE 2135	Software Engineering	4
EE 2136	Data Base Management Systems	4
EE 2137	Digital Image Processing	4
EE 2138	Real Time Embedded Systems	4
EE 2140	Optimization in Engineering Design	4

M.TECH. (POWER ELECTRONICS) SEMESTER -II		
Sub. Code	Sub. Name	Credit
EE 2201	Modeling & Simulation of Power Electronic Converters	4
EE 2204	Advanced Machines Drives	4
EE 2205	Advanced Methods In Control Theory	4
EE 22**	Elective - III	4
EE 22**	Elective - IV	4
EE 2261	Power Electronics Design & Fabrication Lab	1.5
EE 2262	Control Lab	1.5
EE 2281	Seminar	2
Total credits for the Semester:		25

ELECTIVE III		
Sub. Code	Sub. Name	Credit
EE 2231	Biomedical Instrumentation	4
EE 2232	Power Electronic Switching Devices	4
EE 2233	Flexible AC Transmission Systems (FACTS)	4
ELECTIVE IV		
EE 2235	Non Linear Dynamical Systems	4
EE 2236	Data Communication & Computer Networks	4
EE 2238	Fundamentals of Nano-Electronics	4
EE 2239	Computer Aided Power System Analysis	4

M.TECH. (POWER ELECTRONICS) SEMESTER -III & IV		
Sub. Code	Sub. Name	Credit
EE 2375	Dissertation / Thesis / Project	35
Total credits for the Semesters (I to IV):		85

Manual of Procedure for Conduct of University Examinations

3.3.5 M.Tech. (Information Technology)

M.TECH. (IT) SEMESTER -I		
Sub. Code	Sub. Name	Credit
IT 2101	Advanced Computer Architecture & Parallel Processing	4
IT 2102	Advanced Operating Systems	4
IT 2103	High Performance Computer Networks	4
IT 21**	Elective - I	4
IT 21**	Elective - II	4
IT 2161	Advanced Operating Systems Lab.	1.5
IT 2162	High Performance Computer Networks Lab.	1.5
IT 2181	Seminar - I	2
Total credits for the Semester:		25

M.TECH. (IT) SEMESTER -III & IV		
IT 2375	Major project	35
Total credits for the Semesters I to IV:		85

ELECTIVE I		
IT 2131	Advanced Microcontroller	4
IT 2132	Data Mining	4
IT 2133	Advanced DBMS	4
ELECTIVE II		
IT 2134	Digital Signal Processing	4
IT 2135	Software Project Management	4
IT 2136	Mobile Communication & Computing	4
ELECTIVE III		
IT 2231	Wireless Sensor Networks	4
IT 2232	Real Time Embedded System Design	4

M.TECH. (IT) SEMESTER -II		
Sub. Code	Sub. Name	Credit
IT 2201	Simulation & Modelling	4
IT 2204	Big Data Analytics	4
IT 2203	Distributed Systems	4
IT 22**	E Elective - III	4
IT 22**	Elective - IV	4
IT 2261	Simulation & Modelling Lab.	1.5
IT 2262	Web Technology Lab.	1.5
IT 2281	Seminar - II	2
Total credits for the Semester:		25

ELECTIVE III (contd.)		
Sub. Code	Sub. Name	Credit
IT 2233	Soft Computing	4
IT 2234	Wireless Ad-hoc networks	4
ELECTIVE IV		
IT 2235	Image Processing & Pattern Recognition	4
IT 2236	Object-Oriented Modeling & Design using UML	4
IT 2237	Remote Sensing & GIS	4
IT 2238	Cyber Law & Information Security	4

Manual of Procedure for Conduct of University Examinations

3.3.6 M.Tech. (Production Engineering)

M.TECH. (ME) SEMESTER -I		
Sub. Code	Sub. Name	Credit
ME 2101	Theory of Machining	4
ME 2102	Advanced Manufacturing Processes	4
ME 21**	Elective I	4
ME 21**	Elective II	4
ME 21**	Elective III	4
ME 2161	Engineering Software Lab	1.5
ME 2162	Lab I: Advanced Machining Lab	1.5
ME 2181	Seminar	2
Total credits for the Semester:		25

M.TECH. (ME) SEMESTER -II		
Sub. Code	Sub. Name	Credit
ME 2201	Computer Control of Machines and Processes	4
ME 2202	Production and Inventory Control	4
ME 22**	Elective – IV	4
ME 22**	Elective – V	4
ME 22**	Elective –VI	4
ME 2261	Lab II: CAD/CAM Lab	1.5
ME 2271	Minor Project /Term Paper leading to Thesis	1.5
ME 2281	Seminar	2
Total credits for the Semester:		25

M. TECH (ME) SEMESTER –III & IV		
ME2375	Major project	35
Total credits for the Semesters I to IV:		85

ELECTIVE I, II, III (Any three from the list may be opted)		
Sub. Code	Sub. Name	Credit
ME 2131	Advanced Operation Research	4
ME 2132	Design and Analysis of Experiments	4
ME 2133	Total Quality Management	4
ME 2134	Diagnostic Monitoring & Maintenance	4
ME 2135	Automation and Control Engineering	4
ME 2136	Inspection and Product Control	4
ME 2137	Ergonomics and Work Design	4
ME 2138	Machine Tool Design	4
ME 2139	Production Management	4
ME 2140	Plant Layout and Product handling	4

ELECTIVE IV, V, VI (Any three from the list may be opted)		
Sub. Code	Sub. Name	Credit
ME 2231	Mechatronics	4
ME 2232	Tribology	4
ME 2233	Finite Element Method (FEM)	4
ME 2234	Robotics	4
ME 2235	Management Information System (MIS)	4
ME 2236	Advanced Material Forming	4
ME 2237	Concurrent Engineering	4
ME 2238	Micromachining and Nano-technology	4
ME 2239	Quantitative Techniques in Production	4
ME 2240	Management and Control of Projects	4
ME 2241	Operations Management	4

Manual of Procedure for Conduct of University Examinations

3.4 M. Sc. (Information Technology)

M.Sc. (IT) SEMESTER -I		
Sub. Code	Sub. Name	Credit
IS 2101	Fundamentals of IT and Programming	4
IS 2102	Data & File Structures	4
IS 2103	OOP	4
IS 2104	Software Engineering	4
IS 2161	OOP Practical	1.5
Total Credits For The Semester:		17.5

M.Sc. (IT) SEMESTER -II		
Sub. Code	Sub. Name	Credit
IS 2201	Operating System	4
IS 2202	Data Base Management Systems	4
IS 2203	Analysis and Design of Algorithms	4
IS 2204	Data Communication and Networking	4
IS 2271	Mini Project	9
Total credits for the Semester:		25

M.Sc. (IT) SEMESTER -III		
Sub. Code	Sub. Name	Credit
IS 2301	Object Oriented Analysis and Design(OOAD)	4
IS 2302	Web Technologies	4
IS 23**	Elective-1	4
IS 23**	Elective-2	4
IS 2361	Web Technologies Lab	1.5
Total credits for the Semester:		17.5

M.Sc. (IT) SEMESTER -IV		
Sub. Code	Sub. Name	Credit
IS 2401	Data warehousing and Data mining	4
IS 2431	Elective-3	4
IS 2432	Elective-4	4
IS 2475	Project	20
Total credits for the Semester:		32
Total credits for M. Sc.(IT) :		92

ELECTIVE – I		
Sub. Code	Sub. Name	Credit
IS 2331	High Speed Networks	4
IS 2332	Distributed Operating System	4
IS 2333	Software Architecture	4

ELECTIVE – II		
Sub. Code	Sub. Name	Credit
IS 2334	Open Source System	4
IS 2335	Embedded Systems	4
IS 2336	Graphics and Multimedia Systems	4

ELECTIVE – III		
Sub. Code	Sub. Name	Credit
IS 2431	C# and .Net	4
IS 2432	Network Security	4
IS 2433	Real Time Operating System	4
IS 2434	Customer Relationship Management	4

ELECTIVE – IV		
Sub. Code	Sub. Name	Credit
IS 2435	Advanced Software Engineering	4
IS 2436	Cloud Computing	4
IS 2437	Wireless and Mobile Communication	4
IS 2438	Enterprise Resource Planning	4

Manual of Procedure for Conduct of University Examinations

3.5 Master of Computer Applications (MCA)

MCA SEMESTER -I		
Sub. Code	Sub. Name	Credit
MA 2108	Discrete Mathematics	4
CA 2102	Webpage Design	4
CA 2103	Digital Logic	4
CA 2104	Programming Concepts and 'C' language	4
BA 2110	Accounting and Managerial Economics	4
CA 2161	Wep Page Design Lab	1.5
CA 2162	C Programming Lab	1.5
CA 2163	Digital Logic Lab	1.5
Total Credits for The Semester:		24.5

Sub. Code	Sub. Name	Credit
MA 2308	Numerical Analysis – A Software Approach	4
CA 2307	Latest Trends in Computer Application	4
CA 2303	Database Management System	4
CA 2304	Operating Systems	4
CA 2305	Java Programming	4
CA 2361	Operating Systems Lab	1.5
CA 2362	Java Programming Lab	1.5
CA 2363	Database Management System Lab	1.5
CA 2306	Statistical Methods and Simulation	-
Total credits for the Semester:		24.5

MCA SEMESTER -V		
Sub. Code	Sub. Name	Credit
CA 2504	Formal Languages and Automata Theory	4
CA 2502	Analysis and Design of Algorithms	4
CA 2505	Unix/Linux Internal	4
CA 25**	Elective -III	4
CA 25**	Elective -IV	4
CA 2563	Unix/Linux Internal Lab	1.5
CA 2562	Analysis and Design of Algorithms Lab	1.5
CA 2571	Mini Project	2
CA 2581	Industrial Training/Course Work	1
Total credits for the Semester:		26

ELECTIVE – I & II		
Sub. Code	Sub. Name	Credit
CA 2431	Bioinformatics	4
CA 2432	Digital Image Processing	4
CA 2433	Data Warehousing And Data Mining	4
CA 2434	Management Information Systems	4
CA 2438	Optimization Technique	4
CA 2439	Mobile Application Development	4
CA 2531/ CA 2440	Artificial Intelligence and Expert Systems	4
CA 2405/ CA 2441	IT Law and Practices	4
CA 2538/ CA 2442	Cloud Computing	4
CA 2443	Cryptography	

MCA SEMESTER -II		
Sub. Code	Sub. Name	Credit
MA 2208	Quantitative Analysis for Computer Applications	4
CA 2202	Computer Graphics	4
CA 2203	Data Structures	4
CA 2204	Object Oriented Programming with C++	4
CA 2205	Computer Organization and Architecture	4
CA 2261	Computer Graphics Lab	1.5
CA 2262	Data Structures Lab	1.5
CA 2263	C++ Lab	1.5
Total credits for the Semester:		24.5

MCA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
CA 2401	Software Engineering	4
CA 24**	Elective -I	4
CA 2403	ASP .Net Application	4
CA 2404	Computer Network	4
CA 24**	Elective -II	4
CA 2461	Software Engineering Lab	1.5
CA 2462	Computer Network Lab	1.5
CA 2463	ASP .Net Application Lab	1.5
Total credits for the Semester:		24.5

MCA SEMESTER -VI		
Sub. Code	Sub. Name	Credit
CA 2675	Major Project	16
Total credits for MCA :		140

ELECTIVE – III & IV		
Sub. Code	Sub. Name	Credit
CA 2545	Machine Learning	4
CA 2546	Big Data Analytics	4
CA 2547	Social and Web Media Analytics	4
CA 2538	Distributed System and Grid Computing	4
CA 2548	Big Data and its applications in Cloud	4
CA 2549	Virtualization and Cloud Security	4
CA 2550	Applied Cryptography	4
CA 2551	Network Security	4
CA 2552	Privacy and Security in Web Application	4

Manual of Procedure for Conduct of University Examinations

3.6 Scheme of Master of Business Administration (MBA)

MBA SEMESTER -I		
Sub. Code	Sub. Name	Credit
BA 2101	Principles of Management and Organizational Behavior	3
BA 2102	Marketing Management	3
BA 2103	Accounting for Managers	3
BA 2104	Business Economics	3
BA 2105	Business Communication	3
BA 2106	Computer Applications in Management	3
BA 2107	Legal and Ethical Aspects in Business	3
BA 2161	Managerial Skills and Personality Development-LAB	2
BA 2162	MS-Office - LAB	2
Total credits for the Semester:		25

MBA SEMESTER -III		
Sub. Code	Sub. Name	Credit
BA 2301	Project Management	3
BA 2302	Business strategy	3
BA 2375	Summer Project *(8-10 weeks)	6
BA 2303	Consumer Behaviour and Advertisement and Brand Management	4
BA 2304	Retail and Distribution Management and Supply Chain Management	4
BA 2361	MS Project Management and Tally - Lab	2
BA 23**	Out of the following Specializations- I to VIII, any two has to be opted in III Semester.	4
BA 23**		4
Total credits for the Semester:		30
# Summer project to be undertaken during vacation after second semester.		

Specialization- I (Finance)		
Sub. Code	Sub. Name	Credit
BA 2331	Security Analysis and Portfolio Management and Derivative Market	4
BA 2332	Direct and Indirect Taxation	4
Specialization- II (Human Resource)		
BA 2333	Industrial relations	4
BA 2334	Competency Mapping and Performance Management	4
Specialization- III (Systems)		
BA 2335	Object Oriented Programming System and Open Source Systems	4
BA 2336	Database Management Systems	4
Specialization- IV (Operations)		
BA 2337	Operations Management & Enterprise Resource Planning	4
BA 2338	Supply Chain Management & Advanced Operation Management	4
Specialization- V (Project)		
BA 2339	Project Management & Contract Management	4
BA 2340	Project Finance & Project Selection	4

MBA SEMESTER -II		
Sub. Code	Sub. Name	Credit
MA 2209	Quantitative Methods in Management	4
BA 2201	Human Resource Management	3
BA 2202	Financial Management	3
BA 2203	Productions and Operations Management	3
MA 2210	Research Methodology	3
BA 2204	Global Economic Environment and Policy	3
BA 2205	Management Information Systems	3
BA 2261	SPSS - LAB	2
Total credits for the Semester:		25

MBA SEMESTER -IV		
Sub. Code	Sub. Name	Credit
BA 2401	Banking and Insurance Management	3
BA 2481	Recent trends in management	3
BA 2403	Market Research	4
BA 2404	Service Marketing and Global Marketing	4
BA 24**	Out of the following specializations-IX to XVI, any two has to be opted in IV Semester.	4
BA 24**		4
Total credits for the Semester:		22
Total credits for the Semesters I to IV:		102

Specialization- IX (Finance)		
Sub. Code	Sub. Name	Credit
BA 2431	Multinational Finance and Risk Exposure Management	4
BA 2432	Marketing of Financial Services and Mergers and Acquisitions	4
Specialization- X (Human Resource)		
BA 2433	Organization Development and Human Resource Development	4
BA 2434	Compensation Management and International Human Resource Management	4
Specialization- XI (Systems)		
BA 2435	E-Commerce	4
BA 2436	Technology Management And Strategy	4
Specialization- XII (Operations)		
BA 2437	Quality Management & Technology Management	4
BA 2438	Advanced Production planning, control and Maintenance Management	4
Specialization- XIII (Project)		
BA 2439	Project Life Cycle Management & Project Management Processes	4
BA 2440	Advanced Project Management and Project Management Information Systems	4

Manual of Procedure for Conduct of University Examinations

Specialization- VI (Quality)		
BA 2341	Quality Management I	4
BA 2342	Total Quality Management	4
Specialization- VII (Banking)		
BA 2343	Institutional, Corporate and Retail Banking	4
BA 2344	Banking Regulations and Compliances	4
Specialization- VIII (International Business)		
BA 2345	Financial Management & Risk Management of Multinational Corporations	4
BA 2346	International Marketing & Export-Import Management	4
** Subject to minimum 10 students opting for a Specialization		

Specialization- XVI (Quality)		
BA 2441	Quality Management II	4
BA 2442	Quality in Service Industries	4
Specialization- XV VII (Banking)		
BA 2443	Merchant banking and Treasury management	4
BA 2444	International Banking and Advanced Bank Management	4
Specialization- XVII (International Business)		
BA 2445	Foreign Trade of India & Global Logistics and Distribution Management	4
BA 2446	International Business Environment and International Law & Export-Import Finance	4
** Subject to minimum 10 students opting for a Specialization		

Manual of Procedure for Conduct of University Examinations

3.7 Schema of M.Sc. Courses

3.7.1 Schema of M.Sc. (Physics)

M.SC. (PHY) SEMESTER -I		
Sub. Code	Sub. Name	Credit
PH 2101	Mathematical Physics	4
PH 2102	Fundamental Of Electronics	4
PH 2103	Classical Mechanics	4
PH 2104	Quantum Mechanics-I	4
PH 2161	Physics Lab I	3
PH 2162	Physics Lab II (Photonics & Spectroscopy)	3
Total credit for this semester:		22

M.SC. (PHY) SEMESTER -III		
Sub. Code	Sub. Name	Credit
PH 2301	Statistical Mechanics	4
PH 2302	Nuclear And Particle Physics	4
PH 2303	Numerical Techniques	4
PH 23**	Either the papers of Elective-I or Elective-II to be taken.	4
PH 23**		4
Total credit for this semester:		20

ELECTIVE - I		
Sub. Code	Sub. Name	Credit
PH 2331	Particle Physics-I	4
PH 2332	Plasma Physics-I	4
ELECTIVE - II		
PH 2333	Electronics-I	4
PH 2334	Electronics-I Lab	4

M.SC. (PHY) SEMESTER -II		
Sub. Code	Sub. Name	Credit
PH 2201	Classical & Relativistic Electrodynamics	4
PH 2202	Condensed Matter Physics	4
PH 2203	Computer Fund. & Programming	4
PH 2204	Quantum Mechanics-II	4
PH 2261	Physics Lab III (Electronics)	3
PH 2262	Physics Lab IV (Computer Programming)	3
Total credit for this semester:		22

M.SC. (PHY) SEMESTER -IV		
Sub. Code	Sub. Name	Credit
PH 2401	Experimental Techniques and Data Analysis	4
PH 2402	Atomic & Molecular Physics	4
PH 2461	Computational Physics Lab	4
PH 24**	Either of the papers of Elective-I or Elective-II to be taken.	4
PH 24**		4
PH 2475	Dissertation/Project	8
Total credit for this semester:		28
Total credit for the semesters I to IV:		92

ELECTIVE - I		
Sub. Code	Sub. Name	Credit
PH 2431	Particle Physics-II	4
PH 2432	Plasma Physics-II	4
ELECTIVE - II		
PH 2433	Electronics-II	4
PH 2434	Electronics-II Lab	4

Manual of Procedure for Conduct of University Examinations

3.7.2 Schema of M.Sc. (Chemistry)

M.Sc. (CHEM) SEMESTER -I		
Sub. Code	Sub. Name	Credit
CH 2101	Principles of Inorganic Chemistry	4
CH 2102	Principles of Organic Chemistry	4
CH 2103	Classical and Statistical Thermodynamics	4
CH 2104	Analytical Chemistry	4
CH 2161	Analytical Chemistry lab	3
CH 2162	Physical Chemistry lab	3
Total credit for this semester:		22

M.Sc. (CHEM) SEMESTER - III		
Sub. Code	Sub. Name	Credit
CH 2301	Advanced Coordination Chemistry & Inorganic Reaction Mechanism	4
CH 2302	Concepts in Organic Synthesis	4
CH 2303	Chemical Dynamics and Electrochemistry	4
CH 2304	Biochemistry	3
CH 23**	ELECTIVE I (Special paper)	4
CH 2361	Inorganic Chemistry Lab	3
Total credits for the Semester:		22

ELECTIVE - I		
Sub. Code	Sub. Name	Credit
CH 2331	Photoinorganic Chemistry	4
CH 2332	Synthetic Organic Chemistry	4
CH 2333	Advanced Physical Chemistry	4

OPEN ELECTIVE FOR ALL B.TECH COURSES		
Sub. Code	Sub. Name	Credit
CH 1721	Environmental Management	4
CH 1722	Non Renewable and Renewable Energy Sources and their Environmental Impacts	4

M.Sc. (CHEM) SEMESTER -II		
Sub. Code	Sub. Name	Credit
CH 2201	Modern Spectroscopic Technique	4
CH 2202	Organic Reactions and Mechanisms	4
CH 2203	Computer Fundamentals & Programming	4
CH 2204	Quantum Chemistry- I	3
CH 2261	Computer Programming Lab	3
CH 2262	Organic Chemistry lab	3
Total credit for this semester:		21

M.Sc. (CHEM) SEMESTER -IV		
Sub. Code	Sub. Name	Credit
CH 2401	Bio-inorganic Chemistry	4
CH 2402	Solid State Chemistry and Interface Science	4
CH 24**	ELECTIVE II (Special Paper)	4
CH 2403	Group Theory – A Chemist Approach	4
CH 2404	Quantum Chemistry- II	3
CH 2475	Research Project work	8
Total credit for this semester:		27
Total credit for the semesters I to IV:		92

ELECTIVE - II		
Sub. Code	Sub. Name	Credit
CH 2431	Chemistry of Nanomaterials	4
CH 2432	Supramolecular Chemistry	4
CH 2433	Medicinal Chemistry	4
CH 2434	Organometallic Chemistry	4
CH 2435	Environmental Chemistry	4
CH 2436	Biophysical Chemistry	4
CH 2437	Polymer Chemistry	4
CH 2438	Advanced Organic Synthesis	4

Manual of Procedure for Conduct of University Examinations

3.7.3 Schema of M.Sc. (Mathematics)

M.Sc. (Mathematics) Semester -I		
Sub. Code	Sub. Name	Credit
MA 2101	Real Analysis I	4
MA 2102	Algebra	4
MA 2103	Ordinary Differential Equation	4
MA 2104	Linear Algebra	4
MA 2105	Differential Geometry & Tensor Calculus	4
MA 2145	Computational Lab - I	2
Total credit for this semester:		22

M.Sc. (Mathematics) Semester -II		
Sub. Code	Sub. Name	Credit
MA 2201	Real Analysis II	4
MA 2202	Complex Analysis	4
MA 2203	Fluid Mechanics	4
MA 2204	Topology	4
MA 2205	Numerical Analysis	4
MA 2245	Computational Lab - II	2
Total credit for this semester:		22

M.Sc. (Mathematics) Semester -III		
Sub. Code	Sub. Name	Credit
MA 2301	Functional Analysis	4
MA 2302	Probability and Inference Theory	4
MA 2303	Discrete Mathematics	4
MA 2304	Partial Differential Equations & Vibrational Principles	4
MA 2305	Graph Theory	4
MA 2306	Number Theory	4
Total credit for this semester:		24

M.Sc. (Mathematics) Semester -IV		
Sub. Code	Sub. Name	Credit
MA 2401	Linear & Non-Linear programming problems	4
MA 2402	Stochastic Processes	4
MA 2403	Elective- I	4
MA 2404	Elective- II	4
MA 2471	Major Project	8
Total credit for this semester:		24

ELECTIVES		
Sub. Code	Sub. Name	Credit
MA 2431	Wavelets Analysis and Signal Processing	4
MA 2432	Perturbation Techniques	4
MA 2433	Plasma Dynamics	4
MA 2434	Game Theory	4
MA 2435	Financial Mathematics	4
MA 2436	Artificial Neural Networks	4

ELECTIVES		
Sub. Code	Sub. Name	Credit
MA 2437	Computational Fluid Dynamics	4
MA 2438	Advanced Functional Analysis	4
MA 2439	Time Series Analysis & Forecasting	4
MA 2440	Simulation & Modeling	4

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 5: Examination Timetable

DATE	Morning Session (9.30 A.M. - 12.30 P.M.)	Afternoon session (1.30 P.M. - 4.30 P.M.)
05.05.2018 Saturday	<p>MA1201 (COA201/COB201) Engg. Maths II (12,13,14,15,16,17)</p> <p>MA2208 (MCA201) Quantitative Anal. for Comp. Appl. (12,13,14,15,16,17)</p> <p>MA1204 (BCA201) Maths II (12,13,14,15,16,17)</p> <p>MA2209 (MGT201) Quant. Meth. in Mgt. (14,15,16,17)</p> <p>MA1205 (BBA201) Business Maths. (12,13,14,15,16,17)</p> <p>CH2201 Modern Spectroscopic Tech. (14,15,16,17)</p> <p>PH2201 Classical & Relat. Electrodyn. (14,15,16,17)</p> <p>MA2201 Real Analysis II (16,17)</p> <p>CS2201 Distributed Systems (14,15,16,17)</p> <p>EC2201 Satellite & Optical Comm. sys. (16,17)</p> <p>EE2201 Modeling & Simulation of Power Elect. Converters (14,15,16,17)</p> <p>IT2201 Simulation & Modeling (14,15,16,17)</p> <p>CE2201 Finite Element Method II (15,16,17)</p> <p>CA1211 (CT & IS) Reasoning & Thinking - I (16,17)</p> <p>COA201/COB201 Engg. Maths II (10,11)</p>	<p>CS1601 (CSE601) Object Oriented Anal. & Desn. using UML/Object Oriented Anal. & Design (11,12,13,14,15)</p> <p>EC1601 (EC601) Microwave Engg. (10,11,12,13,14,15)</p> <p>EE1601 (EE601) Power System Stability, Opr. & Control (11,12,13,14,15)</p> <p>IT1601 (IT601) Java Programming (10,11,12,13,14,15)</p> <p>ME1609 Theory of Machines II (15) /ME1504 Theory of Machines (10,11,12,13,14) (up to 14)</p> <p>CE1601 Geotechnical Engg. II (15)</p> <p>CA1601 Software Engineering (14,15)</p> <p>BA1601 Corporate Governance (13,14,15)</p> <p>CE1601 (CE601) Geotech. Engg. II (10,11,12,13,14)</p>

Manual of Procedure for Conduct of University Examinations

<p>07.05.2018 Monday</p>	<p>MA1401 Engg Maths IV (15,16) (for CSE) MA1402 Engg Maths IV (15,16) (for EC) MA1403 (EE401) Engg Maths IV (12,13,14,15,16) MA1404 (IT401) Engg. Maths IV/Prob & Statistics (12,13,14,15,16) MA1405 (ME401) Engg Maths IV/Num. Analysis (15,16) CE1401 (CE401) Num. Methods in Civil Engg. (15,16) CA2401 (MCA401) Software Engg. (12,13,14,15,16) BA2405 Banking & Insurance Management (16) CA1401 (BCA402) Database Mgt. Sys. (12,13,14,15,16) BA1401 Business Policy & Strategy (13,14,15,16) CH2401 Bioinorganic Chemistry (14,15,16) PH2401 Exp. Tech. & Data Analysis (14,15,16) MA2401 Linear & Nonlinear progg. Problems (15,16) IS1401 Human Computer Interface (16) CA1411 (CT & IS) Employability Skills (16)</p> <p><i>MA1401 (CSE401) Engg Maths IV (12,13,14)</i> <i>MA1402 (EC401) Engg Maths IV (12,13,14)</i> <i>MA1405 (ME401) Engg Maths IV (12,13,14)</i> <i>CE1401 (CE401) Num. Methods in Civil Engg.</i> <i>(10,11,12,13,14)</i> <i>BA2401 (MGT401) ERP & Knowledge Mgt. (13,14,15)</i> <i>CSE401 Engg Maths IV (10,11)</i> <i>EC401 Engg Maths IV (10,11)</i> <i>IT401 Prob. & Statistics (10,11)</i> <i>EE401 Engg Maths IV (10,11)</i></p>	
<p>8.05.2018 Tuesday</p>	<p>BA1215 Univ. Human Values & Prof. Ethics II (16,17) CA2202 (MCA202) Comp. Graphics (12,13,14,15,16,17) BA2201 (MGT202) Human Resource Mgt. (14,15,16,17) CA1202 (BCA202) C Programming II (12,13,14,15,16,17) BA1201 (BBA202) Human Res. Mgt. (12,13,14,15,16,17) CH2202 Organic React. Mechanisms (14,15,16,17) PH2202 Condensed Matter Physics (14,15,16,17) MA2202/MA2103 Complex Analysis (14,15,16,17) (MA2103 for 14,15 batches) CS2202 Object Oriented Systems (14,15,16,17) EC2202 Adv. Signal & Image Processing (16,17) EE2204 Advanced Machines Drives (16,17) IT2204 Big Data Analytics (16,17) CE2202 Advanced Pre-Stressed Concrete (15,16,17) CA1212 (CT & IS) English - II (16,17)</p> <p><i>IS1202 (BSc IT) Basic Mathematics (16)</i></p>	<p>CS1605 Unix Internals & Shell Programming (15) /CS1602 (CSE602) Unix/Linux Internal (11,12,13,14) EC1602 (EC602) Embedded System (10,11,12,13,14,15) EE1602 (EE602) Adv. Control Theory (10,11,12,13,14,15) IT1602 (IT602) Computer Networks (10,11,12,13,14,15) ME1607 Thermal Engineering II (15) CE1602 Design of Steel Str. (15) CA1602 ASP .NET Applications (14,15) BA1602 (BBA-MM-601) International Marketing Management (12,13,14,15)</p> <p><i>ME1602 (ME602) Appl. Thermodynamics II</i> <i>(10,11,12,13,14)</i> <i>CE1602 (CE602) Design of Steel Str. (11,12,13,14)</i></p>

Manual of Procedure for Conduct of University Examinations

9.05.2018 Wednesday	<p>CS1403 (CSE403) Database Mgt. Sys (10,11,12,13,14,15,16)</p> <p>EC1408 Analog Electronics & Integrated Ckts. (15,16)</p> <p>EE1402 (EE402) Signals & Sys (10,11,12,13,14,15,16)</p> <p>IT1402 (IT402) Comp. Org. & Arch. (10,11,12,13,14,15,16)</p> <p>ME1407 Thermal Engineering I (15,16)</p> <p>CE1402 (CE402) Fluid Mech. II (10,11,12,13,14,15,16)</p> <p>CA2433 Data Warehousing & Data Mining (EL) (16)</p> <p>CA1402 (BCA401) Java Programming (12,13,14,15,16)</p> <p>BA2402 (MGT402) International Bus. Mgt. (14,15,16)</p> <p>BA1402 Marketing Research (13,14,15,16)</p> <p>CH2402 Solid State Chem & Int Sc (14,15,16)</p> <p>PH2402 Atomic & Molecular Physics (14,15,16)</p> <p>MA2402/MA2431 Stochastic Process (14,15,16) (MA2431 for 14 batches)</p> <p>IS1402 Web Systems & Technology (16)</p> <p>CA1412 (CT & IS) Installation & Conf. of Server (16)</p> <p><i>EC1402 (EC402) Linear Int. Ckt. System (11,12,13,14)</i></p> <p><i>ME1402 (ME402) Appl. Thermod. I (10,11,12,13,14)</i></p> <p><i>CA2437 (MCA402) Formal Lang. & Auto. Th. (EL) (14,15)</i></p> <p><i>BBA402 Entp. & Small Business (12)</i></p>	
10.05.2018 Thursday	<p>BA1106 (COB206/COA106) Communication Skill (10,11,12,13,14,15,16,17)</p> <p>CA2203 (MCA203) Data Structures (12,13,14,15,16,17)</p> <p>BA2202 (MGT203) Financial Management/Advanced Financial Management (14,15,16,17)</p> <p>BA1210 (BCA203) Accounting & Financial Management (12,13,14,15,16,17)</p> <p>BA1202 (BBA203) Business Env. (12,13,14,15,16,17)</p> <p>CH2203 Comp. Fundamentals & Prog. (14,15,16,17)</p> <p>PH2203 Comp. Fundamentals & Prog. (14,15,16,17)</p> <p>MA2203 Fluid Mechanics (14,15,16,17)</p> <p>CS2203 Theory of Computation (14,15,16,17)</p> <p>EC2203 Communication Networks (16,17)</p> <p>EE2205 Advanced Methods in Control Theory (16,17)</p> <p>IT2203 Distributed Systems (14,15,16,17)</p> <p>CE2231 Advanced Design of RCC Str. (EL) (15,16,17)</p> <p>CA1213 (CT & IS) Fundamental of storage Mgt. (16,17)</p>	<p>CS1606 Computer Networks II (15) /CS1603 (CSE603) Computer Network (10,11,12,13,14)</p> <p>BA1510 (EC603/EE603) Industrial Mgt. (11,12,13,14,15)</p> <p>IT1607 Software Engineering (15)</p> <p>ME1603 (ME603) Machine Design II (10,11,12,13,14,15)</p> <p>CE1603 (CE603/CE605(10)) Environmental Engineering II (10,11,12,13,14,15)</p> <p>CA1631 C# Programing (EL) (15)</p> <p>BA1635 (BBA-FM-602) Mgt. of Fin. Serv. (12,13,14,15)</p> <p><i>IT1603 (IT603) Microcontroller (10,11,12,13,14)</i></p> <p><i>CA1633 System simulation & Modelling (EL) (14)</i></p> <p><i>BA1603 (BBA-MM-602) Industrial Mkt. (12,13,14)</i></p>

Manual of Procedure for Conduct of University Examinations

<p>11.05.2018 Friday</p>	<p>CS1405 (CSE405) Design & Analysis of Algorithms (10,11,12,13,14,15,16) EC1403 (EC403) EM Waves (10,11,12,13,14,15,16) EE1403 (EE403) Electrical Machines II (10,11,12,13,14,15,16) IT1403 (IT403) OOP with C++ (10,11,12,13,14,15,16) ME1403 Fluid Mechanics (15,16) CE1403 (CE403) Str. Anal. II (11,12,13,14,15,16) CA2403 (MCA403) ASP .NET Appl. (12,13,14,15,16) BA2403 (MGT-MR-401) Market Research (14,15,16) CA1406/CA1502 Computer Org. & Arch. (14,15,16) (CA1502 for 14 & 15) BA1403 (BBA404) Mktg. of Services (12,13,14,15,16) CH2432 Supramolecular Chem. (14,15,16) CH2431 Chem. of Nano Materials (14,15,16) CH2433 Medicinal Chemistry (14,15,16) PH2431 Particle Physics II (14,15,16) PH2433 Electronics II (14,15,16) MA2431 Wavelet Anal. & Signal Proc. (15,16) IS1403 Probability & Statistics (16) CA1413 (CT & IS) Ethical Hacking Fundamentals (16) <i>ME1403 (ME403) Fluid Mechanics (10,11,12,13,14)</i> <i>CA1403 Web Engineering (14,15)</i></p>	<p>CH1111 Environmental Science (16,17) <i>CH1111 (COB106/COA206) Env. Science (13,14,15)</i> <i>COA206/COB106 Env. Science (10,11,12)</i></p>
<p>12.05.2018 Saturday</p>	<p>CE1102 (COB202/COA102) Mechanics of Solids (11,12,13,14,15,16,17) CA2204 (MCA204) Object Oriented Programming with C++ (12,13,14,15,16,17) BA2203 (MGT204) Productions & Op. Mgt. (14,15,16,17) CA1204 (BCA204) HTML & Scripting for Web Page Design (14,15,16,17) BA1203 (BBA204) Org. Behavior (13,14,15,16,17) CH2204 Quantum Chemistry - I (14,15,16,17) PH2204 Quantum Mechanics II (14,15,16,17) MA2204 Topology (14,15,16,17) CS2231 Ad Hoc Wireless Networks (17) EC2204 Cognitive Radio in 5G (16,17) EE2231 Biomedical & Instrumentation (14,15,16,17) IT2231 Wireless Sensor Network (17) CE2236 Adv. Design of Steel Str. (EL) (15,16,17) CA1214 (CT & IS) Operating System (16,17) <i>COA202/COB202 St. of Materials (10)</i> <i>BBA204 Quantitative Analysis (12)</i></p>	<p>CS1604 Formal Lang. & Automata Th. (15) EC1604 (EC604) Digital Comm. (10,11,12,13,14,15) EE1631 (EE604) Progg. with JAVA (EL) (11,12,13,14,15) EE1638 (EE604) EHV AC & DC Transmission (EL) (10,11,12,13,14,15) IT1604 (IT604) System Programming (10,11,12,13,14,15) ME1604 Automobile Engineering (15) CE1604 (CE604) Transportation Engg. II (11,12,13,14,15) CA1634 Cloud Computing (EL) (14,15) BA1604 (BBA-MM-603) Rural Marketing (12,13,14,15) <i>CS1604 (CSE604) Formal Lang. & Automata Th.</i> <i>(11,12,13,14)</i> <i>ME1604 (ME604) Automobile Engineering</i> <i>(11,12,13,14)</i></p>

Manual of Procedure for Conduct of University Examinations

<p>14.05.2018 Monday</p>	<p>CS1406 Advanced Comp. Org. & Architecture (15,16) EC1404 (EC404) Microprocessor (10,11,12,13,14,15,16) EE1407 Electromagnetic Theory (15,16) IT1404 (IT404) DB Mgt. System (10,11,12,13,14,15,16) ME1409/ME1304 Theory of Machines - I (10,11,12,13,14,15,16) (ME1304 up to 14 batches) CE1404 (CE404) Design of RC Str. (11,12,13,14,15,16) CA2404 Computer Network (16) BA2404 (MGT-MR-402) Service Mark. & Global Mkt. (14,15,16) CA1404 Unix and Shell Programming (14,15,16) BA1404 (BBA405) Consumer Behavior (12,13,14,15,16) CH2403 Group Theory - A Chemist Approach (14,15,16) PH2432 Plasma Physics II (14,15,16) MA2433 Plasma Dynamics (15,16) IS1404 Software Engineering (16) CA1414 (CT & IS) Cryptography Fundamentals (16) EC1407 (CSE406) Comm. Techniques (11,12,13,14) EE1404 (EE404) Electronics Meas. & Inst. (10,11,12,13,14)</p>	<p>EC1107 (COA202/COB102) Basic Electronics (11,12,13,14,15,16,17)</p>
<p>15.05.2018 Tuesday</p>	<p>PH1103 (COB203/COA103) Engg. Phys. (12,13,14,15,16,17) CA2205 (MCA205) Comp. Org. & Arch. (12,13,14,15,16,17) MA2210 (MGT205) Research Methodology/Research Methodology & Statistical Techniques (14,15,16,17) CA1205 (BCA205) Principles of Progg. Language (12,13,14,15,16,17) BA1204 (BBA205) Buss. Fin. (12,13,14,15,16,17) MA2205 Numerical Analysis (14,15,16,17) CS2243 Data Analytics (17) EC2231 High Speed Digital System Design (17) EE2236 Data Comm. & Comp N/w (EI-IV) (14,15,16,17) IT2235 Image Proc. & pattern Recognition (16,17) CE2240 Earthquake Resist. Degn. of Str. (EL) (16,17) CA1215 (CT & IS) OOPs with C++ (16,17)</p>	<p>CS1625 Geographical Information System (EL) (15) CS1632 Bioinformatics (EL) (15) CS1633 (CSE606) Digital Image Proc. (EL) (12,13,14,15) CS1636 Graph Theory (EL) (13,14,15) IT1606 Java Programming (15) (for EC) EE1603 (EE605) Adv. Micropr. & Emb. Sys. (11,12,13,14,15) IT1605 (IT605) Digital Image Proc. (10,11,12,13,14,15) ME1605 (ME605) Mechatronics (10,11,12,13,14,15) CE1637 (CE605) Remote Sensing & GIS (EL) (12,14,15) CE1631 (CE606/CE602) Ground Water Engg. (EL) (12,13,14,15) BA1631 (BBA-HR-601) Human Resource Dev. (12,13,14,15) BA1537 Computer & Communication Skill (15) (Audit Course for BCA VI Semester) EC1605 (EC605) Power Electronic (10,11,12,13,14)</p>

Manual of Procedure for Conduct of University Examinations

<p>17.05.2018 Thursday</p>	<p>CS1407 Principles of Progg. Language (15,16) EC1409/EC1503(up to 14) Analog Communication (15,16) (EC1503 up to 14) EE1405 (EE405) Gen. Trans. & Dist. of Elect. Power (10,11,12,13,14,15,16) IT1407 Simulation & Modelling (15,16) ME1405 (ME405) Material Sc. (10,11,12,13,14,15,16) CE1405 (CE405) Surveying II (11,12,13,14,15,16) CA2405 (MCA405) IT Law & Practices (12,13,14,15,16) BA2433 (MGT-HR-401) Org Dev. & HRD (14,15,16) BA2431 (MGT-FM-401) Mult. Fin. & Risk Exp. Mgt. (14,15,16) CA1407 Data Communication & Networking (16) BA1409 Team Work & Cross Cultural Leadership (16) CH2404 Quantum Chemistry II (14,15,16) IS1405 Web Engineering I (16) CA1415 (CT & IS) Intro. to Cloud Technology (16) CS1404 (CSE404) Comp. Graphics (10,11,12,13,14) CA1405 (BCA405) Data Communication (12,13,14,15) BA1405 Management Information System (13,14,15)</p>	<p>CH1108 Engg. Chemistry (16,17) CH1108 (COA203/COB103) Engg. Chemistry(13,14,15) COA203/COB103 Engg. Chemistry (10,11,12)</p>
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Manual of Procedure for Conduct of University Examinations

<p>18.05.2018 Friday</p>	<p>ME1104 Elements of Mechanical Engg. (16,17) BA2204 (MGT206) Global Eco. Env. & Pol (14,15,16,17) BA1205 (BBA206) Buss. Comm. (13,14,15,16,17) CE2243 Advanced Strength of Materials (EL) (16,17) CA1216 (CT & IS) Data structure using C (16,17)</p> <p><i>ME1104 (COB204/COA104/COA204/COB104) Elements of Mech. Engg. (10,11,12,13,14,15) (COB104/COA204 for 10)</i></p>	<p>CS1624/CS1721 Auto. Mobile Robot. & comp. Intel. (EL) (10,11,12,13,14,15) (CS1624 for 14 batch onwards) CS1634 Data Warehousing & Data Mining (EL) (14,15) CS1644 Artificial Intelligence (EL) (15) CS1645 High Performance Computing (EL) (15) EC1632 (EC606) Digital Comp. Arch. (EL) (11,12,13,15) EC1633 (EC606) Speech Processing (EL) (12,13,14,15) EE1605 Renewable Energy Systems (15) IT1632 (IT606) Information Retrieval (EL) (10,12,13,15) ME1610 Non Traditional Machining Processes (15) /ME1606 (ME606) Manufact. Proc. III (10,11,12,13,14) CE1640 (CE605) Open Channel Flow and Sed. Tr. (EL) (13,14,15) BA1636 (BBA-FM-603) Corporate Tax Plan. & Tax Mgt. /Tax Planning & Tax Mgt. (12,13,14,15)</p> <p><i>CS1641 Social Network Analysis (EL) (14) EE1604 (EE606) Digital Signal Processing (11,12,13,14) IT1631 (IT606) OO Modeling & Dgn. (EL) (10,11,12,14) BA1633 (BBA-HR-603) Social Sec. & Labor Welfare (12,13,14)</i></p>
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Manual of Procedure for Conduct of University Examinations

19.05.2018 Saturday	<p>CS1421/CS1621 (CSE605) JAVA Programming (EL) (11,12,13,14,15,16) (CS1421 for 15 onwards)</p> <p>CS1431/CS1402 (CSE402) Micropro. & Periph. Dev. (EL) (10,11,12,13,14,15,16) (CS1431 from 15 batch onward)</p> <p>EC1406 (EC406) Design & Analysis of Digital Systems (11,12,13,14,15,16)</p> <p>EE1406 (EE406) Analog Sys. Design (10,11,12,13,14,15,16)</p> <p>IT1406 (IT406) Formal Lang. & Automata (15,16) /Formal Lang. & Automata Theory (10,11,12,13,14)</p> <p>ME1406 (ME406) Manufacturing Process II (10,11,12,13,14,15,16)</p> <p>CE1406 (CE406) Const. Mat. & Conc. Tech (15,16)</p> <p>BA1406/BBA602 (12) Project Management (13,14,15,16)</p> <p>BA2434 (MGT-HR-402) Comp. Mgt. & Int. HRM (14,15,16)</p> <p>BA2432 (MGT-FM-402) Market of Fin. Ser.& Mergers & Acquisitions (14,15,16)</p> <p><i>CE1406 (CE406) Const. Mat. & Conc. Tech</i> <i>(11,12,13,14)</i></p>	<p>EE1109 (COA204/COB104) Elements of Electrical Engg. (11,12,13,14,15,16,17)</p>
21.05.2018 Monday	<p>ME1105 (COB205/COA105) Engg. Graphics (12,13,14,15,16,17)</p> <p>BA2205 (MGT207) Mgt. Info. Systems (14,15,16,17)</p> <p>CA1416 (CT & IS) Fundamentals of Data Center (16)</p> <p>BA1632 (BBA-HR-602) Business Ethics (12,13,14,15)</p> <p><i>EC1405 (EC405) N/w Anal & Synthesis</i> <i>(11,12,13,14)</i></p> <p><i>ME1404/ME1509 (15) (ME404) Machine Design I</i> <i>(10,11,12,13,14) (ME1509 from 15 onwards)</i></p> <p>CS1638 (CSE606) Sys. Sim. & Model. (EL) (12,13,14)</p>	<p>CS1110 (COA205/COB105) CP using C (12,13,14,15,16,17)</p> <p><i>COA205/COB105 Computer Programming</i> <i>(11)</i></p>

ANNEXURE – 6: Question Paper Opening Certificate



**SIKKIM MANIPAL UNIVERSITY
OF HEALTH, MEDICAL AND TECHNOLOGICAL SCIENCES**

QUESTION PAPER PACKET OPENING CERTIFICATE (FOR EACH SESSION)

Sl. No.	Code no.	No. of packets	Remarks (initials)	Sl. No.	Code No.	No. of packets	Remarks (initials)
1				6			
2				7			
3				8			
4				9			
5				10			

Certified that the sealed question paper packets as indicated above were intact. They were opened in the presence of the undersigned and the contents were found to be correct.

Witnesses

Deputy Chief Superintendent

Chief Superintendent

1.....

.....

Date.....

2.....

Time.....

Note : This form shall be retained in the College Office for a period of six months from the date of Examination.

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 7: Room Superintendent's (Invigilator's) Diary (front and back)

Register Number of Candidates who arrived late.

Register Number of Candidates who left the hall temporarily.

Remarks regarding Malpractice etc. [See Note (i) below]

Register Numbers of Absentees.

Total Number of candidate's Answer Books handed over to Chief Superintendent.

Serial Number of Blank Answer Books returned to the Chief Superintendent.

Number of Blank Additional Answer Books returned of Chief Superintendent.

Date20.....

Signature of Room Superintendent

- NOTE: (i) The signatures of candidates present shall be obtained during the first half hour.
- (ii) Every case of a detection of malpractice shall be mentioned in Column given by the Superintendent who detects the case. In addition, a separate detailed report in the prescribed form shall be made to the Chief Superintendent.
- (iii) The Chief Superintendent shall preserve the Superintendent's Diary for a period of six months from the date of examination. However, where a malpractice case is detected, the Superintendent's Diary shall be sent along with the detailed report and other relevant documents to the Register/Controller of Examinations by name.



SMU

SIKKIM MANIPAL UNIVERSITY

ROOM SUPERINTENDENT'S (INVIGILATOR'S) DIARY

CENTRE _____

Room No.	Date	Time	Examination Subject & Paper	*Reg. Number of Candidate assigned	
				From	To

Name of the Superintendent

Number of Question Papers issued to Superintendent

Number of Blank Answer Books issued to Superintendent

Serial Number of Blank Answer Books issued to Superintendent

Number of Additional Books issued to Superintendent

CERTIFICATE BY THE SUPERINTENDENT

NOTE: The Superintendent shall not sign this certificate unless he has actually read to candidates the instruction given below before the commencement of examination:
I have read the following instructions to candidates before the commencement of Examination:
"You should follow the instructions printed on the admission tickets and the facing sheet of the answer book
"You should search your pockets, desks and benches and hand over to me any paper, book or note which you may find therein before starting to answer the paper of examination."

* To be filled by the Officer

Signature of Superintendent

ANNEXURE – 9: Relieving Certificate



**SIKKIM MANIPAL UNIVERSITY
OF HEALTH, MEDICAL AND TECHNOLOGICAL SCIENCES**

RELIEVING SUPERINTENDENT'S DIARY

CENTRE

DATE

SESSION/TIME

Name of the Relieving Superintendent :

Sl. No.	Room No.	Name of the Room-Superintendents availed relief	Time of relief		Initials	
			From	To	Relieving Superintendent	Room Superintendent

Signature of the Relieving Superintendent

ANNEXURE – 11: Flow of Answer Scripts

FLOW OF ANSWER SCRIPTS MAY/JUNE 2018 EXAMINATIONS

Subject Code & Title:

Coordinator (Name & Sign.): T. K. Karmacharya

Evaluators (Name & Sign.): (1) T. K. Karmacharya (2) D. Dholakia
 (3) K. Gantou (4) B. Pot
 (5) P. Sharma (6) _____

Sl. No.	Bundle/Pkt No. & No. of answer scripts	ISSUE			RETURN		
		Issue date & time to the evaluator	Signature of evaluator	Signature of coordinator	Return date & time to the coordinator	Signature of evaluator	Signature of coordinator
9	3rd	23/5/18			23/5		
10	4th	23/5/18			23/5		
11	1st	24/5/18			24/5		
12	2nd	24/5/18			24/5		
13	Ref/1/2018	24/5/18			24/5		
14	1st	25/5/18			25/5		
15	2nd	25/5/18			25/5		
16	3rd	25/5/18			25/5		
17	4th	25/5/18			25/5		
18	Ref/1/2018						
19	1st						
20	2nd						
21	3rd						

ANNEXURE - 12: Front page of answer script

440800

MABT

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WRITE YOUR REGISTRATION NUMBER IN THE BOXES ABOVE



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC act, 1956

SIGNATURE
(ROOM SUPERINTENDENT)

EXAMINATION MONTH YEAR

SUBJECT CODE SUBJECT TITLE NO. OF ADDL. BOOKS USED

YOU MUST

- Write your REGISTRATION NUMBER IN THE BOX provided.
- Write the CORRECT QUESTION NUMBER IN THE MARGIN.
- Write the PARTICULARS ABOUT THE EXAMINATION, MONTH YEAR AND SUBJECT.
- Read the INSTRUCTIONS ON THE BACK of this sheet.

DO NOT

- Write your number anywhere else.
- Write your name/any religious symbol/any request to the examiner anywhere.
- Disclose Identity in any way other than writing your number in the box provided and signing in the place provided.
- Remove/add any papers from/to the stationery provided by the University.
- Keep any material that may be considered as being of unfair assistance to you in the examination.

FAILURE TO COMPLY WITH THE RULES WILL BE VIEWED SERIOUSLY.

Mark Obtained Out of 50 _____

Total in words

(For use of Examiners only)

Qn. No.	For Examiners to award Mark for Sub-Divisions								Total Marks
	a	b	c	d	e	f	g	h	
1									
2									
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
Total in Figures									

ANNEXURE - 13: Inner page of answer script

I have complied with the rules and regulations of the University.
I have not committed and will not commit any malpractice.

Signature of Candidate

Date :

INSTRUCTION TO CANDIDATES

1. Write your Registration Number only in the space provided for the purpose and nowhere else. Do not disclose your identity in any other manner. Do not write your name in any part of this answer book.
2. Write your answer on both sides of the paper except the last cover page. Use blue, blue-black or black ink only.
3. In case additional books and graph sheets are used. Attach them together inside the back cover page of the main answer book with a tag provided for the purpose. Indicate on the cover of the first book, the total number of additional books used.
4. Do not leave any page/s unused except at the end of all the answers.
5. Write the correct question number on the left hand margin at the beginning of each answer. Do not write anything else in the margin.
6. Hand over your answer book personally to the Superintendent before leaving the examination hall.
7. a) Possessing or having access to any papers, books or notes, electronics gadgets capable of storage, transmission & reception with might possibly be of assistance to the candidate in answering.
b) Copying from any papers, book or notes and
c) attempt to elicit the answer from the neighbours would amount to malpractice.
8. Remove, tearing off any sheets from the answer book or adding any loose sheets to the answer book other than the additional books supplied by the University would amount to malpractice.
9. Before answering, read the instruction given in the question paper carefully.
10. The answer for each question should be commenced on the following fresh page.

ANNEXURE – 14: Answer script of Practical Examination

PAB

152838



SMU SIKKIM
MANIPAL
UNIVERSITY
Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC act, 1956

(PRACTICAL EXAMINATION)

REGISTRATION NO.

EXAMINATION MONTH YEAR

SUBJECT

Signature of the Candidate

(NOTE : Candidate are requested to complete the above entries before writing answers)

Entries below to be made by the Examiners

MAXIMUM MARKS FOR PRACTICAL PAPER.....

	Maximum	Marks awarded
Part 1		
Part 2		
VIVA VOCE		

TOTAL IN FIGURES

IN WORDS.....

Signature 1) _____ 2) _____

Name of the Examiner _____

ANNEXURE – 15: Hall Ticket



Sikkim Manipal University
 SMIT, Majitar, Rangpo, East Sikkim - 737 136
 Ph: 03592-246217 (O), Ext: - 235 ♦ Fax: 03592-246009
 E-mail: dec.tech@smit-smu.edu.in ♦ Website: www.smu.edu.in

ADMISSION TICKET

CENTER: SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

B.TECH (IV SEMESTER - EC) Degree Examinations MAY/JUNE 2018

REG. NO: 20140056 NAME: RISHABH TRIVEDI

[This admission ticket is valid only when it is accompanied by the identity card, with an attested photograph of the candidate issued by the Head of the Institution.]

SUB CODE WITH TITLE	SIGNATURE	SUB CODE WITH TITLE	SIGNATURE
MA1402 ENGG MATHS IV	DETAINED		
EC1403 ELECTROMAGNETIC WAVES	DETAINED		
EC1404 MICROPROCESSOR	DETAINED		
EC1406 DGN & ANA OF DIG SYS	DETAINED		

Signature of the Candidate

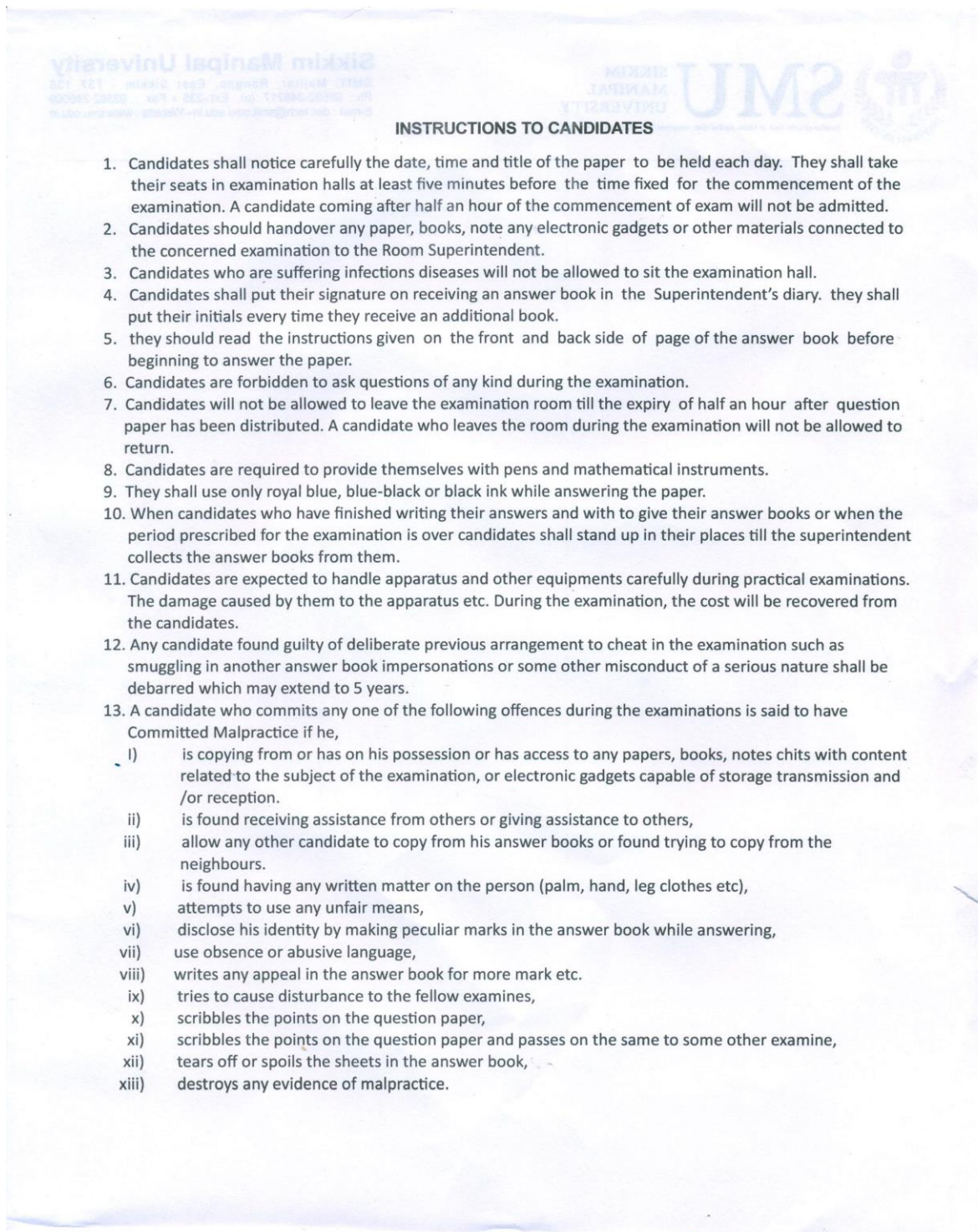


[Signature]
 DY.CONTROLLER OF EXAMINATIONS-TECH,

(with office seal)

SIKKIM MANIPAL UNIVERSITY

ANNEXURE – 16: Instruction to candidate at back of hall ticket



ANNEXURE – 17: Assignment of lockers to Examiner

COMPUTER SCIENCE & ENGINEERING									
CSE-01 <i>Damage</i>	CSE-02	CSE-03 <i>[Signature]</i>	CSE-04 <i>[Signature]</i> 14/5/18	CSE-05 <i>[Signature]</i>	CSE-06 <i>P.Sam</i> 9/5/2018	CSE-07 <i>P.Sam</i> 9/5/2018	CSE-08 <i>[Signature]</i> 12/5/18	CSE-09 <i>[Signature]</i> 14/5/18	CSE-10 <i>[Signature]</i>
CSE-11 <i>[Signature]</i> 9/5/18	CSE-12 <i>Damage</i>	CSE-13 <i>[Signature]</i> 14/5/18	CSE-14 <i>used</i> 9/5/18	CSE-15 <i>[Signature]</i> 9/5/18	CSE-16 <i>[Signature]</i> 14/5/18	CSE-17 <i>[Signature]</i> 11/5/18	CSE-18 <i>[Signature]</i> 14/5/18	CSE-19 <i>[Signature]</i> 12/5/18	CSE-20 <i>[Signature]</i> 14/5/18
CSE-21	CSE-22	CSE-23	CSE-24	CSE-25					

ELECTRONICS & COMMUNICATION									
EC-01 <i>[Signature]</i> 14/5/18	EC-02 <i>[Signature]</i> 14/5/18	EC-03 <i>[Signature]</i> 14/5/18	EC-04 <i>[Signature]</i> 14/5/18	EC-05 <i>[Signature]</i> 14/5/18	EC-06 <i>[Signature]</i> 15/5/18	EC-07 <i>Damage</i>	EC-08 <i>[Signature]</i> 14/5/18	EC-09 <i>[Signature]</i> 15/5/18	EC-10 <i>[Signature]</i> 14/5/18
EC-11 <i>[Signature]</i> 14/5/18	EC-12	EC-13	EC-14 <i>[Signature]</i> 14/5/18	EC-15	EC-16 <i>[Signature]</i> 14/5/18	EC-17	EC-18	EC-19	EC-20

ANNEXURE – 18: Application for Degree Certificate



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

APPLICATION FORM FOR DEGREE CERTIFICATE

(APPLICABLE TO THE REGULAR COURSES OFFERED AT SMIT)

Name of the Student: _____

Registration No : _____

Course & Branch : _____

Year of Passing : _____

Sir,

As I may not be able to attend the Convocation and collect the Degree Certificate personally, hereby I request you to mail my Degree Certificate to the address given below:

Postal Address (Mandatory): _____

PIN Code _____

Contact No. & email ID : _____

I have paid Rs. 500/- towards handling charges and enclosed a copy of receipt for the same/ I am enclosing a DD Numbered _____ dated ____/____/____ drawn on bank _____ for Rs. 500/- in favour of SMIT Payable at Gangtok.

I am aware of the following:

1. University shall take extreme care in packing the Degree Certificate and mailing the Degree Certificate through Speed Post/ Registered Post.
2. University is not responsible for any loss or damage occurred during the transit.
3. In case any loss or damage, the candidate require to produce sufficient documents to prove the loss and apply for the duplicate, which is in general discouraged.

This application is to be sent to the following address:

**Dy. Controller of Examination - Tech, SMU,
Sikkim Manipal Institute of Technology,
Majitar, Rangpo,
East Sikkim – 737136**

Signature of Candidates

No dues from Finance Dept. _____

Note:

- i. Completely filled form to be submitted to the office of DCE (T)
- ii. For any query , contact at (03592) 246216,246217,246219 Extension No. 235,688 & 689, email ID : dce.tech@smit.smu.edu.in
- iii. Issue of certificate is subjected to clearance from Finance Dept.

ANNEXURE – 19: Migration Certificate

	SMU Sikkim Manipal University	
MIGRATION CERTIFICATE		
Name:	<input type="text"/>	
Registration Number:	<input type="text"/>	
Institute:	Sikkim Manipal Institute of Technology	
Course and Branch:	B.Tech (Computer Science & Engineering)	
Year of Joining:	2014	
Year of Leaving:	2018	
		
Sikkim Manipal University has no objection for the above student joining any other University/Institute for continuation of his/her study.		
Date:	<input type="text"/>	
Place:	Gangtok, Sikkim, India	
Sl. No. : 144710		 (Registrar)

ANNEXURE – 20: Application for Migration Certificate



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

APPLICATION FORM FOR MIGRATION CERTIFICATE

(APPLICABLE TO THE REGULAR COURSES OFFERED AT SMIT)

1. NAME OF THE STUDENT			
2. Postal Address: (With phone no. and email ID)		Address:	
Contact No. :			
E Mail ID :		Pin Code (Mandatory)	
3. Name of the last examination appeared: (For Engineering exam, mention the branch & course)			
4. Institution last studied:			
5. Registration number with Year & Month of passing the above Examination:			
6. Details of Amount paid:			
a) Through SBI Collect, with the link below https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm (Copy of e-receipt to be attached)		E-Receipt No. :	<input type="text"/>
b) Through Demand Draft: Demand Draft must be in favour of SMIT payable at GANGTOK		Demand Draft No. :	<input type="text"/>
c) Through cash at Finance Department, SMIT: Receipt of Cash payment to be attached		Cash Receipt No. :	<input type="text"/>
		Amount :	<input type="text"/>

No dues from Finance Dept. _____

NOTE

- This application is to be sent to the following address:
**Dy. Controller of Examination - Tech, SMU,
Sikkim Manipal Institute of Technology,
Majitar, Rangpo,
East Sikkim – 737136**
- Cheques and Indian Postal Order are not accepted.
- Incomplete application will be rejected.**
- Documents required:
 - Previous Migration issued by other University should have been submitted.
 - For withdrawal candidate – Officially Left Order from Director, SMIT is required.
 - For Passed out candidate – Attested copy of Degree Certificate/Provisional Degree Certificate & No Due Certificate taken from SMIT before leaving the college.
- Fee :
 - Migration Fee : Rs. 100/-
 - Postal charge for MIGRATION only: Rs. 100/- (within India)
- For any query, contact at (03592) 246216, 246217, 246219, Extension No. : 235, 688 & 689,
email ID: dce.tech@smit.smu.edu.in
- Issue of certificate is subjected to clearance from Finance Dept. , SMIT

Place:

Signature of Candidate

Date:

ANNEXURE – 21: Provisional Degree Certificate

 **SMU** SIKKIM MANIPAL UNIVERSITY
Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

PROVISIONAL DEGREE CERTIFICATE

This is to certify that

*has successfully completed all the requirements for the
award of degree*

Bachelor of Technology
in
Computer Science & Engineering

This certificate is valid till the eighteenth convocation to be held in 2018.


Dy. Controller of Examinations-Tech, SMU

Gangtok, 737 102
Sikkim, INDIA

Registration No of student :

Sl.No. 11431

ANNEXURE - 22: Application for Provisional Degree Certificate



APPLICATION FORM FOR PROVISIONAL DEGREE CERTIFICATE

(APPLICABLE TO THE REGULAR COURSES OFFERED AT SMIT)

1. NAME OF THE STUDENT		
2. Postal Address (# Mandatory)		
	Pin Code (Mandatory)	
3. Contact No. & Email ID		
4. Registration Number		
5. Course & Branch		
6. Name of the last examination appeared:		
7. Institution last studied:		
8. Details of Amount paid:	E-Receipt No. :	<input type="text"/>
a) Through SBI Collect, with the link below https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm (Copy of e-receipt to be attached)	Demand Draft No. :	<input type="text"/>
b) Through Demand Draft: Demand Draft must be in favour of SMIT payable at GANGTOK	Cash Receipt No. :	<input type="text"/>
c) Through cash at Finance Department, SMIT: Receipt of Cash payment to be attached	Amount :	<input type="text"/>

I confirm that my name as appears in grade sheets is correct.
(If name in the grade sheets is not correct than the application for correction of name must be given along with this application form)

No dues from Finance Dept. _____

NOTE

- This application is to be sent to the postal address given below.
- Provisional pass certificate will be given only from the date of announcement of **Final degree Examination till date of ensuing convocation**. After that candidates are entitled to receive the Degree.
- Cheques and Indian Postal Order are not accepted.
- Incomplete application will be rejected.**
- Fee :
 - Provisional Degree Certificate Fee : Rs. 100/-
 - Postal charge (if required): Rs. 100/- within India.
- Copy of **"No Dues Certificate"** is mandatory required documents.
- For any query, contact at (03592) 246216, 246217, 246219, Extension No. : 235, 688 & 689, email ID: dce.tech@smit.smu.edu.in


Place:

Signature of Candidate

Date:

POSTAL ADDRESS
O/o Dy. Controller of Examination – Tech,
Sikkim Manipal University,
C/o Sikkim Manipal Institute of Technology,
Majitar, Rangpo-737136
Sikkim

ANNEXURE – 23: Transcript (front)



SMU SIKKIM
MANIPAL
UNIVERSITY
Established under Const of Sikkim, Act 9 of 1995, recognised under 201 of the UGC Act, 1956

TRANSCRIPT

Name of Student

Registration Number

Name of Institution : SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

Date of Admission : June 2012

Date of Leaving : July 2016

Degree : BACHELOR OF TECHNOLOGY

Branch : ELECTRONICS & COMMUNICATION

ACADEMIC PERFORMANCE

Semester	Date Of Examination #	Credits Earned per Semester	Semester Grade Point Average	Result
I Semester	Nov/Dec 2012	25.00	8.90	Promoted
II Semester	April/May 2013	25.00	9.68	Promoted
III Semester	Nov/Dec 2013	27.50	8.47	Promoted
IV Semester	May/June 2014	27.50	8.69	Promoted
V Semester	Nov/Dec 2014	28.50	9.04	Promoted
VI Semester	May/June 2015	28.50	9.33	Promoted
VII Semester	Nov/Dec 2015	31.0	9.23	Promoted
VIII Semester	May/June 2016	16.0	8.00	Passed

Date of Examination is valid subject to the clearance of all papers of the concerned semester
 # Medium of Instruction: English
 #The course is on campus and full time.

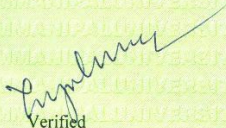
Total Credits Earned: 210.00
Cumulative Grade Point Average: 8.97


Grading System:

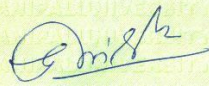
GRADE	S	A	B	C	D	E	F
GRADE POINT	10	9	8	7	6	5	0

Grade I with Gr. Point 0 is for Incomplete
 Grade DT with Gr. Point 0 is for Detained

Date: 20th August 2018
 Place: 5th Mile Tadong, Gangtok, Sikkim


 Verified




 (Dy. Controller of Examinations-Tech)

Sl.No. **12083**

ANNEXURE – 24: Transcript (back)

SCHEME OF CURRICULUM

Branch: ELECTRONICS & COMMUNICATION

I SEMESTER			II SEMESTER		
Subjects	CR	GR	Subjects	CR	GR
COA101- ENGINEERING MATHEMATICS I	4	A	COA201- ENGINEERING MATHEMATICS II	4	A
COA102- MECHANICS OF SOLIDS	4	A	COA202- BASIC ELECTRONICS	4	S
COA103- ENGINEERING PHYSICS	4	B	COA203- ENGINEERING CHEMISTRY	4	A
COA104- ELEMENTS OF MECHANICAL ENGG.	4	A	COA204- ELEMENTS OF ELECTRICAL ENGG.	4	S
COA105- ENGINEERING GRAPHICS	3	S	COA205- COMPUTER PROGRAMMING USING C	4	S
COA106- COMMUNICATION SKILLS	3	B	COA206- ENVIRONMENTAL SCIENCE	2	S
COA107- ENGINEERING PHYSICS LAB	1.5	S	COA207- ENGINEERING CHEMISTRY LAB	1.5	S
COA108- WORKSHOP PRACTICE LAB	1.5	A	COA208- COMPUTER PROGRAMMING LAB	1.5	S
III SEMESTER			IV SEMESTER		
Subjects	CR	GR	Subjects	CR	GR
EC301- ENGINEERING MATHEMATICS III	4	B	EC401 - ENGINEERING MATHEMATICS IV	4	B
EC302- ANALOG ELECTRONIC CIRCUITS	3	S	EC402 - LINEAR IC SYSTEM	3	A
EC303- ELECTRONIC DEVICES & COMPONENTS	4	B	EC403 - ELECTROMAGNETIC WAVES	4	S
EC304- ELECTRONIC INSTRUMENTATION & MEASUREMENTS	4	A	EC404 - MICROPROCESSOR	4	A
EC305- SIGNALS & SYSTEMS	4	C	EC405 - NETWORK ANALYSIS & SYNTHESIS	4	B
EC306- DIGITAL ELECTRONICS	4	A	EC406 - DESIGN & ANALYSIS OF DIGITAL SYSTEMS	4	A
EC307- ELECTRONIC DEVICES & COMP. LAB	1.5	A	EC407 - ANALOG ELECTRONIC CIRCUITS LAB	1.5	A
EC308- SIGNAL & CIRCUIT SIMULATION LAB	1.5	B	EC408 - MICROPROCESSOR LAB	1.5	B
EC309- DIGITAL ELECTRONICS LAB	1.5	A	EC409 - DIGITAL SYSTEM DESIGN LAB	1.5	C
V SEMESTER			VI SEMESTER		
Subjects	CR	GR	Subjects	CR	GR
EC501 - ANTENNA	4	S	EC601 - MICROWAVE ENGINEERING	4	S
EC502 - LINEAR & DIGITAL CONTROL SYSTEM	4	A	EC602 - EMBEDDED SYSTEMS	4	A
EC503 - ANALOG COMMUNICATION	4	A	EC603 - INDUSTRIAL MANAGEMENT	4	A
EC504 - ADVANCED MICROPROCESSOR	4	A	EC604 - DIGITAL COMMUNICATION	4	S
EC505 - DIGITAL SIGNAL PROCESSING	4	A	EC605 - POWER ELECTRONICS	4	A
EC506 - OBJECT ORIENTED PROGRAMMING	4	A	EC606 - ARTIFICIAL NEURAL NETWORKS	4	A
EC507 - ADVANCED MICROPROCESSOR LAB	1.5	C	EC607 - DIGITAL SIGNAL PROCESSING LAB	1.5	S
EC508 - COMMUNICATION LAB	1.5	A	EC608 - MICROWAVE ENGINEERING LAB	1.5	A
EC509 - OBJECT ORIENTED PROGRAMMING LAB	1.5	A	EC609 - EMBEDDED SYSTEMS LAB	1.5	A
VII SEMESTER			VIII SEMESTER		
Subjects	CR	GR	Subjects	CR	GR
EC701- SATELLITE & OPTICAL COMMUNICATION SYSTEM	4	A	EC801- MAJOR PROJECT	16	B
EC702- ADAPTIVE SIGNAL PROCESSING	4	A			
EC703- MICRO ELECTRONICS & VLSI DESIGN	4	S			
EC704- COMPUTER COMMUNICATION	4	S			
EC705- MOBILE COMMUNICATION	4	A			
EC706- FUNDAMENTALS OF NANOELECTRONICS	4	A			
EC707- VLSI LAB	1.5	S			
EC708- ADVANCED COMMUNICATION LAB	1.5	S			
EC709- MINI PROJECT WORK / SEMINAR	4	B			

GPA and CGPA can be calculated by the following equations:

$$GPA_i = \frac{\sum_{j=1}^n C_{ij} G_j}{\sum_{j=1}^n C_{ij}}$$

$$CGPA = \frac{\sum_{i=1}^N (GPA_i * \sum_{j=1}^n C_{ij})}{\sum_{i=1}^N (\sum_{j=1}^n C_{ij})}$$

Where

- n = Number of subjects in the semester;
- N = Number of semester;
- GPA_i = GPA for the i^{th} semester;
- C_{ij} = Number of Credits for the j^{th} subject in i^{th} semester;
- G_j = Grade Point corresponding to the Grade Obtained in the j^{th} subject;
- CR – Credit per subject; GR – Grade per subject;
- The duration of each semester is 16 weeks and two semesters in an academic year

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 25: Application form for Transcript/Grade sheet/Duplicate Certificates/Name Correction etc.



APPLICATION FORM TRANSCRIPT/DUPLICATE GRADE CARD/DUPLICATE DEGREE CERTIFICATE/ NAME CORRECTIONS /ORIGINAL GRADE CARD

(APPLICABLE TO THE REGULAR COURSES OFFERED AT SMIT)

1. NAME OF CANDIDATE (With phone no. and email ID) Name : Contact No. : E Mail ID :	Postal Address :	
	Pin Code (Mandatory)	
2. Particulars a) Transcripts : (Encl. all Grade Sheet duly attested) b) Duplicate Grade Card/ Degree certificate c) Correction in Grade Card/Degree certificate d) Original Grade Card Note: Strike off whichever is not applicable	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
3. Name of the last examination appeared: (For Engineering exam, mention the branch & course)		
4. Institution last studied:		
5. Registration number with Year & Month of passing the above Examination:		
6. Details of Amount paid: a) Through SBI Collect, with the link below https://www.onlinesbi.com/prelogin/institutiontypedisplay.htm (Copy of e-receipt to be attached) b) Through Demand Draft: Demand Draft must be in favour of SMIT payable at GANGTOK c) Through cash at Finance Deptt., SMIT: Receipt of Cash payment to be attached	E-Receipt No. :	<input type="text"/>
	Demand Draft No. :	<input type="text"/>
	Cash Receipt No. :	<input type="text"/>
	Amount :	<input type="text"/>

No Dues form Finance Dept. _____

NOTE

1. This application is to be sent to the Controller of Examination/Registrar, Sikkim Manipal University.
2. Details of fees and other information are given overleaf.
3. Please make separate application for each item.
4. Cheques and Indian Postal Order are not accepted.
5. **Incomplete application will be rejected.**
6. Issue of certificate is subjected to clearance from Finance Dept. , SMIT

Place:

Signature of Candidate

Date:

Manual of Procedure for Conduct of University Examinations

FEE DETAILS

Particulars		Under Graduate/ Post Graduate Course (in Rs.)	Postal Charge (For each postage)
a) Transcript	1. First copy	100.00	Within India Rs.100/- Overseas Rs.1200/-
	2. Subsequent copies (per copy)	20.00	
b) Duplicate Grade Card (per Grade Card)		500.00	
c) Duplicate Degree/Diploma Certificate		1000.00	
d) Correction of name in the Certificate		100.00 (if different from as printed in the application form)	
e) Original Grade Card		Only Postal Charge required	

NOTE

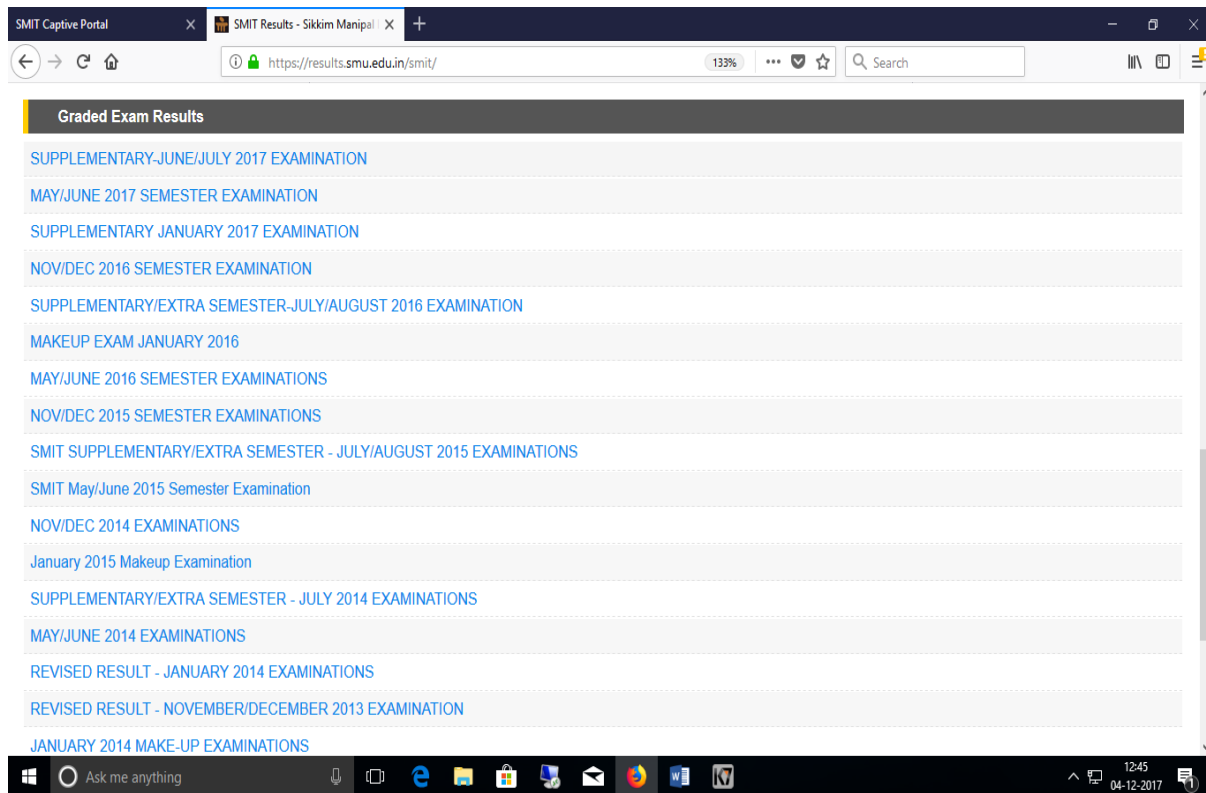
- I. Candidates applying for any of the items under (b, c, d) [**Fee Details Table**] above after a lapse of FIVE years from the date of passing the respective examinations shall have to pay additional fee of Rs. 50/- only.
- II. All the above documents will be issued through the Institution where the candidate has studied last. Hence candidates have to collect the same from the respective Institution.
- III. For item 2 (a), [**First page of form**] Copy of Grade Cards shall be enclosed.
- IV. For item 2 (b), [**First page of form**]
 - (i) Affidavit on a stamped paper of Rs. 10/- sworn before a Judicial Magistrate of a NOTARY Public towards the loss of certificate.
 - (ii) Certified copy of Police complaint lodged at the Police Station for having lost the certificate.
- V. For item 2 (c), [**First page of form**] the attested copy of Class X pass Certificate is to be submitted along with the application form.
- VI. Issue of certificate is subjected to clearance from Finance Dept., SMIT.
- VII. For any query, contact at (03592) 246216, 246217, 246219, Extension no: 235,688,689. email ID: dce.tech@smit.smu.edu.in

POSTAL ADDRESS

O/o Dy. Controller of Examination-Tech,
Sikkim Manipal University,
C/o Sikkim Manipal Institute of Technology,
Majitar, Rangpo – 737136
Sikkim

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 26: Screen shot of Grade Result publication on the web



Manual of Procedure for Conduct of University Examinations

ANNEXURE – 27: Screen shot of CGPA Result on the web

The screenshot shows a web browser window displaying the SMU results page. The browser tabs include 'SMIT Captive Portal', 'Sign out', '(11,572 unread) - gcm30032@...', 'Sign out', and 'SMIT Results - Sikkim Manipal'. The address bar shows the URL 'https://results.smu.edu.in/smit/results_summary.php'. The page header features the SMU logo and navigation links: Home, About Us, Academics, Admissions, and News.

MAY/JUNE 2017 SEMESTER EXAMINATION

Registration no:	20130203
Student Name:	SHOURYA SINGH
Course:	BTECH
Branch:	ME

[» Semester 8 Result](#)

Note: Students having backlog paper can click on to appropriate link, e.g. Semester 1 for result of first semester.

Contact Us | [Privacy](#) | [Terms And Conditions](#)
© 2007-2017 Sikkim Manipal University

Powered by:
Quintessential Software Solutions Pvt Ltd

Transferring data from results.smu.edu.in...

Ask me anything | 11:23 05-12-2017

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 28: Screen shot of Grade sheet preparation

STATEMENT OF GRADES
SIXTH SEMESTER B.TECH. (COMPUTER SCIENCE & ENGINEERING) EXAMINATIONS
JUNE/JULY 2017

REG NO: 20140006
NAME: BHUVANESH VERMA
INSTITUTE: SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

SUBJECT	CREDIT	GRADES OBTAINED
CODE	TITLE	
CS1601	OBJECT ORIENTED ANALYSIS & DESIGN USING UM	4.0 A
CS1602	UNIX/LINUX INTERNAL	4.0 A
CS1603	COMPUTER NETWORK	4.0 A
CS1604	FORMAL LANGUAGES & AUTOMATA THEORY	4.0 B
CS1624 33 38	ELECTIVE I (AI/IR&CI/DI/PI/GI/SIA)	4.0 A
CS1621 34 38	ELECTIVE II (J/P/D/W/S/M/R/T/S/F/W/T)	4.0 A
CS1681	OOD USING UML LAB	1.5 B
CS1682	UNIX/LINUX INTERNAL LAB	1.5 B
CS1683	COMPUTER NETWORK LAB	1.5 B

Grade I with gr.point 0 is for Incomplete
Grade DT with gr.point 0 is for Detained

SEMESTER PERFORMANCE
Total Credits in the Semester: 28.50
Credits Earned in the Semester: 28.50
Semester Grade Point Average: 8.70

CUMULATIVE PERFORMANCE
Cumulative Grade Point Average: 9.34
Total Credits Earned: 164.00

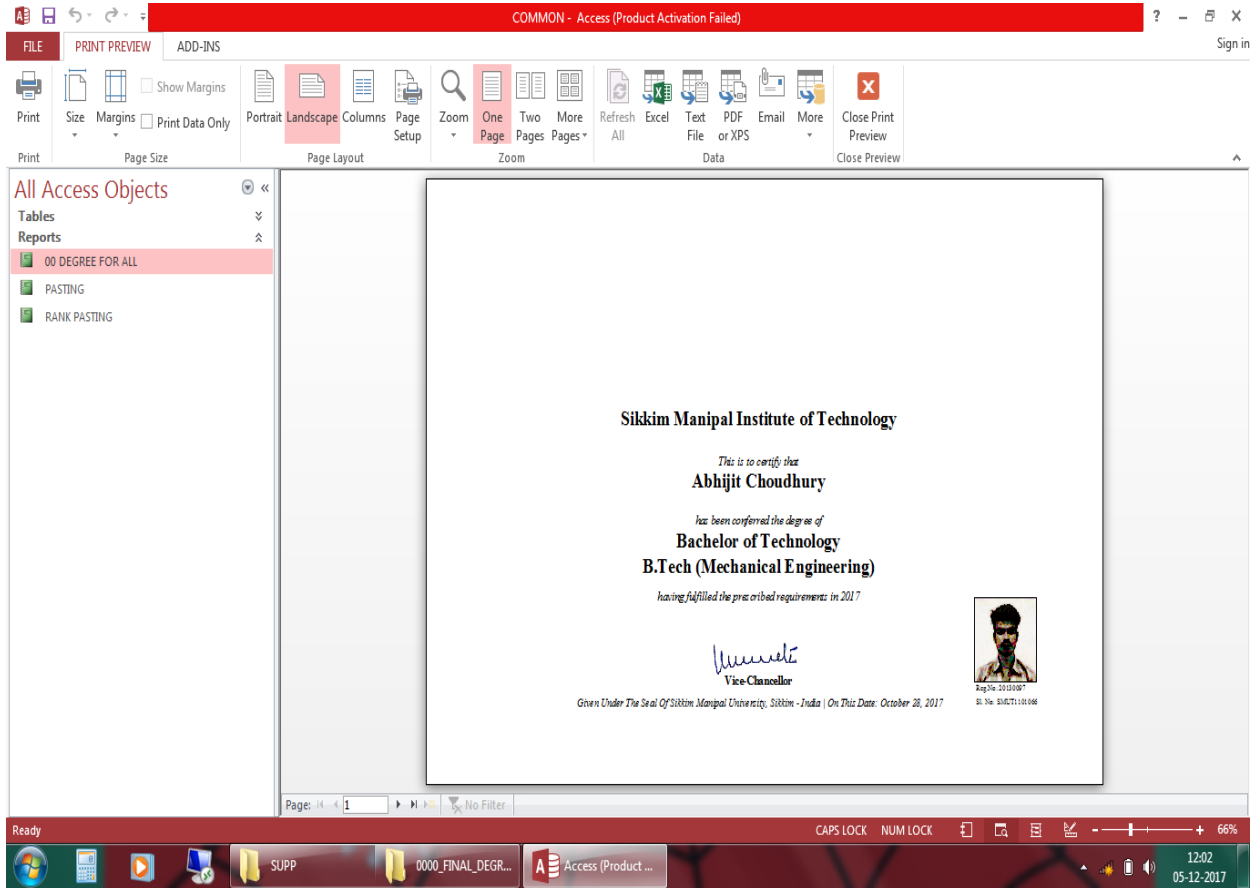
No correction in the grade sheet is permitted.

RESULT: PROMOTED

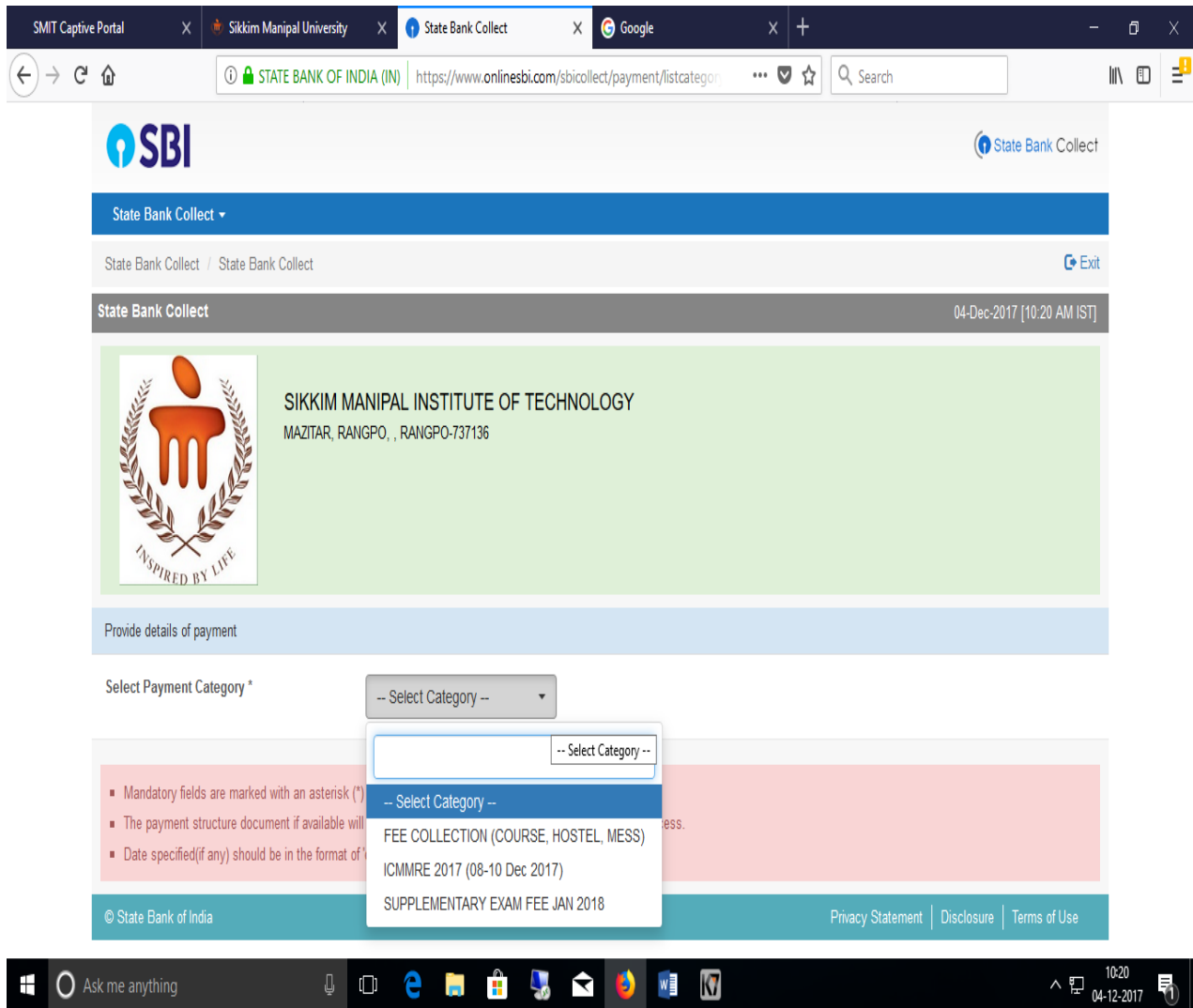
PLACE: GANGTOK
DATE: 18-Sep-12
VERIFIED: _____
(CONTROLLER OF EXAMINATIONS)

Manual of Procedure for Conduct of University Examinations

ANNEXURE – 29: Screen shot of Degree Certificate preparation



Annexure - 30: Screenshot of online application for backlog subjects main page



Manual of Procedure for Conduct of University Examinations

Annexure - 31: Screen shot of online application for backlog subjects in detail

The screenshot shows a web browser window with the State Bank of India (SBI) online application form. The browser tabs include 'SMIT Captive Portal', 'Sikkim Manipal University', 'State Bank of India', and 'Google'. The address bar shows 'https://www.onlinesbi.com/prelogin/suvidhapa'. The page title is 'STATE BANK OF INDIA (IN)'. The form is titled 'State Bank Collect' and is for SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY, MAZITAR, RANGPO, RANGPO-737136. The form includes a logo and the motto 'INSPIRED BY LIFE'. The form is divided into sections for providing details of payment, registration details, and subject details. The 'SUPPLEMENTARY EXAM FEE JAN 2018' dropdown is selected. The form includes fields for Registration No., Name of Student, Course, Branch, Current Semester, Batch, and No of supplementary subject applying. Below these are fields for Subject Code 1 through 6, and Subject Title 1 through 6. The form also includes a section for 'SUPPLEMENTARY EXAM FEE UG/PG RS.1,000/- PER PAPER' with instructions for students to fill the data correctly. The form includes a captcha '6A6CE' and a 'Submit' button. The footer of the page includes '© Copyright OnlineSBI' and 'Privacy Statement | Disclosure | Terms of Use'.

State Bank Collect

SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY
MAZITAR, RANGPO, RANGPO-737136

INSPIRED BY LIFE

Provide details of payment

Select Payment Category * SUPPLEMENTARY EXAM FEE JAN 2018

Registration No *
Name of Student *
Course *
Branch *
Current Semester * --Select Current Semester--
Batch * --Select Batch--
No of supplementary subject applying *
Subject Code 1
Subject Title 1
Subject Code 2
Subject Title 2
Subject Code 3
Subject Title 3
Subject Code 4
Subject Title 4
Subject Code 5
Subject Title 5
Subject Code 6

Subject Code 5
Subject Title 5
Subject Code 6
Subject Title 6
Subject Code 7
Subject Title 7
Subject Code 8
Subject Title 8
Subject Code 9
Subject Title 9
Subject Code 10
Subject Title 10
Mobile No. *
e.mail id. *
SUPP. EXAM FEE *
Remarks

* SUPPLEMENTARY EXAM FEE UG/PG RS.1,000/- PER PAPER

* Students should fill the data correctly. Incomplete form and incorrect payment shall be rejected and any error shall be the sole responsibility of student. Exam Fee once paid is non refundable and non adjustable.

Please enter your Name, Date of Birth (For Personal Banking) / Incorporation (For Corporate Banking) & Mobile Number.
This is required to reprint your e-receipt / remittance(PIF) form, if the need arises.

Name *
Date of Birth / Incorporation*
Mobile Number *
Enter the text as shown in the image *

6A6CE

Submit / Reset / Back

> Mandatory fields are marked with an asterisk (*)
> The payment structure document if available will contain detailed instructions about the online payment process.
> Date specified(if any) should be in the format of 'ddmmyyyy'. Eg., 02082008

Annexure – 32: Use of e-Campus, a web based portal for in-semester mark generation

**Internal Marks Preparation and C-Form generation
using e-Campus Manager**

e-Campus Manager

The e-Campus Manager is a centralized intranet based academic system to store and manage personal and academic performance details of students as well as other academic activities. Internal marks of the students are also kept centrally and securely.

The url of e-Campus manager is <http://172.16.0.101/ecm> or <http://suchana/ecm>

Internal Marks preparation.

Internal marks are prepared by each faculty members for the subjects allocated to them at the beginning of the semester. Once the subjects are allocated to the faculty members, corresponding students are also allocated by the respective department administrators. Faculty members enters daily attendance and marks of each examination held. The marks entered by each faculty members for each subject is called internal marks which is live to respective students and examination departments.

The internal marks are generated as follows.

Step #1: Insertion of various examination marks of students

Manual of Procedure for Conduct of University Examinations

Internal Marks Entry

Name of Faculty / Employee code: Department: Course: Sem: Sec:

Subject: Examination: OR Browse for Examination Record(*.xlsx file) No file selected.

Sl. No	Regd. No	Name of Student	Marks Obtained(50)
1	201432007	VISHWA SHAKTI	45
2	201516001	ABHINASH PRADHAN	18
3	201516003	PAUL LYNGDOH	39
4	201516004	DADUL BHUTIA	3
5	201516005	TILAK SHARMA	42
6	201516008	MANISHA PRADHAN	23.5
7	201516009	ANUJ ACHARYA	36
8	201516011	NORDEN PAKHRIN TAMANG	2
9	201516012	SANJU TAMANG	47

Step #2: Generating Internal Marks (Normally used for cross verification)

Internal Marks Entry

Name of Faculty / Employee code: Department: Course: Sem: Sec:

Subject: Examination: OR Browse for Examination Record(*.xlsx file) No file selected.

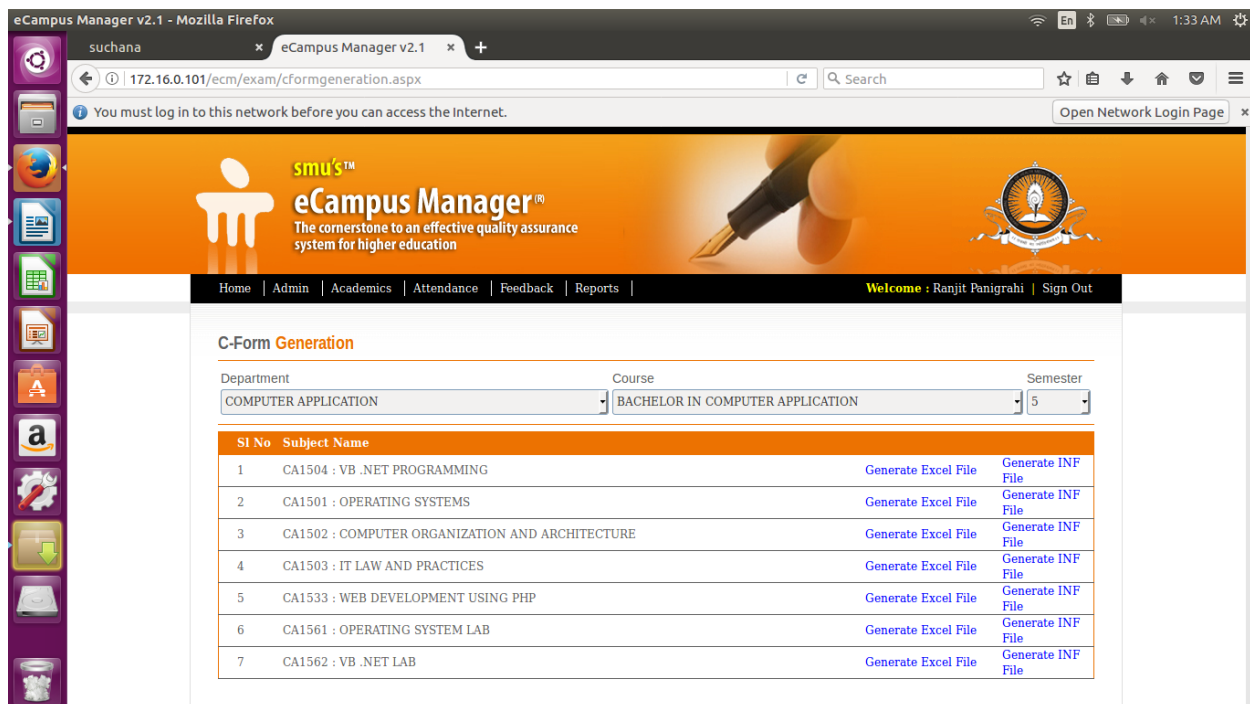
Regd. No.	Name of Students	Quiz 1	Sessional 1 (out of 50)	Sessional 1 (out of 15)	Quiz 2	Sessional 2 (out of 50)	Sessional 2 (out of 15)	Assignment	Attendance %	Attendance marks	Total
201432007	VISHWA SHAKTI	5	45	13.5	4	19	5.7	5	96	5	38.2
201516001	ABHINASH PRADHAN	3	18	5.4	3	18	5.4	0	88	3	19.8
201516003	PAUL LYNGDOH	4	39	11.7	5	42	12.6	5	83	2	40.3
201516004	DADUL BHUTIA	3	3	0.9	3	11	3.3	0	86	3	13.2
201516005	TILAK SHARMA	2	42	12.6	4	32	9.6	5	91	4	37.2
201516008	MANISHA PRADHAN	4	23.5	7.05	4	26	7.8	4	98	5	31.85
201516009	ANUJ ACHARYA	2	36	10.8	1	13	3.9	0	93	4	21.7
201516011	NORDEN PAKHRIN TAMANG	4	2	0.6	4	7	2.1	5	98	5	20.7

Manual of Procedure for Conduct of University Examinations

C-Form Generation

C-Form is considered to be the official and most authentic documents containing subject wise total internal marks. Examination department relay on this document countersign by the corresponding faculty members and Head of the Departments. The C-Form is generated dynamically by faculty members.

Step #3: Generating C-Forms



The screenshot shows the eCampus Manager v2.1 web application interface. The browser address bar indicates the URL is 172.16.0.101/ecm/exam/cformgeneration.aspx. The page header includes the SMU logo and the text "eCampus Manager[®] The cornerstone to an effective quality assurance system for higher education". A navigation menu at the top includes Home, Admin, Academics, Attendance, Feedback, and Reports. A welcome message for "Ranjit Panigrahi" is displayed. The main content area is titled "C-Form Generation" and features a form with dropdown menus for Department (COMPUTER APPLICATION), Course (BACHELOR IN COMPUTER APPLICATION), and Semester (5). Below the form is a table listing subjects with their SI No., Subject Name, and options to generate Excel and INF files.

SI No	Subject Name	Generate Excel File	Generate INF File
1	CA1504 : VB .NET PROGRAMMING	Generate Excel File	Generate INF File
2	CA1501 : OPERATING SYSTEMS	Generate Excel File	Generate INF File
3	CA1502 : COMPUTER ORGANIZATION AND ARCHITECTURE	Generate Excel File	Generate INF File
4	CA1503 : IT LAW AND PRACTICES	Generate Excel File	Generate INF File
5	CA1533 : WEB DEVELOPMENT USING PHP	Generate Excel File	Generate INF File
6	CA1561 : OPERATING SYSTEM LAB	Generate Excel File	Generate INF File
7	CA1562 : VB .NET LAB	Generate Excel File	Generate INF File

ANNEXURE - 33: Blank Degree Certificate



ANNEXURE - 34: Cancelled Degree Certificate of all courses from SMIT





SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal Institute of Technology

This is to certify that

has been conferred the degree of

**Bachelor of Business Administration
BBA (Marketing and Finance)**

having fulfilled the prescribed requirements in 2017

[Signature]
Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017



CANCELLED



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal Institute of Technology

This is to certify that

has been conferred the degree of

**Bachelor of Computer Applications
BCA**

having fulfilled the prescribed requirements in 2017


Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017





SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

School of Basic and Applied Sciences

This is to certify that

has been conferred the degree of

**Master of Science
M.Sc. (Physics)**

having fulfilled the prescribed requirements in 2017


Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal Institute of Technology

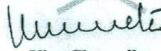
This is to certify that

has been conferred the degree of

Master of Technology

M.Tech (Computer Science and Engineering)

having fulfilled the prescribed requirements in 2017


Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017

CANCELLED





SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal Institute of Technology

This is to certify that

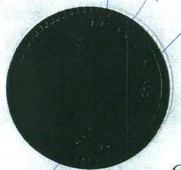
has been conferred the degree of

**Master of Business Administration
MBA (Marketing and Finance)**

having fulfilled the prescribed requirements in 2017


Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017





SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Sikkim Manipal Institute of Technology

This is to certify that

has been conferred the degree of

**Master of Computer Applications
MCA**

having fulfilled the prescribed requirements in 2017

[Signature]

Vice-Chancellor

Given Under The Seal Of Sikkim Manipal University, Sikkim - India | On This Date: October 28, 2017

Annexure – 35: Program Master registered in NAD for all Programs in SMU in regular mode

Program Code	Program Title
BTech CSE	Bachelor of Technology B.Tech (Computer Science and Engineering)
BTech ECE	Bachelor of Technology B.Tech (Electronics and Communication Engineering)
BTech EEE	Bachelor of Technology B.Tech (Electrical and Electronics Engineering)
BTech IT	Bachelor of Technology B.Tech (Information Technology)
BTech ME	Bachelor of Technology B.Tech (Mechanical Engineering)
BTech CE	Bachelor of Technology B.Tech (Civil Engineering)
BTech CCE	Bachelor of Technology B.Tech (Computer Communication Engineering)
BCA	Bachelor of Computer Application (BCA)
MCA	Master of Computer Application (MCA)
Dual-Integrated MCA	Master of Computer Application MCA (5 Years Integrated MCA)
BBA	Bachelor of Business Administration BBA (Marketing and Human Resource)
MBA	Master of Business Administration MBA (Marketing and Human Resource)
MTech CSE	Master of Technology M.Tech (Computer Science Engineering)
MTech IT	Master of Technology M.Tech (Information Technology)
MTech PE	Master of Technology M.Tech (Production Engineering)
MTech DECE	Master of Technology M.Tech (Digital Electronics & Communication Engineering)
MTech VLSI DES	Master of Technology - VLSI Design & Embedded System M.Tech (VLSI Design & Embedded System)
MTech PEE	Master of Technology M.Tech (Power Electronics Engineering)
MTech SE	Master of Technology M.Tech (Structural Engineering)
MTech MSNT	Master of Technology M.Tech (Material Science & Nano Technology)
MTech CSE_P	Master of Technology M.Tech (Computer Science Engineering) - Part Time
MTech IT_P	Master of Technology M.Tech (Information Technology) - Part Time
MTech PE_P	Master of Technology M.Tech (Production Engineering) - Part Time
MTech DECE_P	Master of Technology M.Tech (Digital Electronics & Communication Engineering) - Part Time
MTech VLSI DES_P	Master of Technology - VLSI Design & Embedded System M.Tech (VLSI Design & Embedded System) - Part Time
MTech PEE_P	Master of Technology M.Tech (Power Electronics Engineering) - Part

Manual of Procedure for Conduct of University Examinations

	Time
MTech SE_P	Master of Technology M.Tech (Structural Engineering) - Part Time
MTech MSNT_P	Master of Technology M.Tech (Material Science & Nano Technology) - Part Time
Science Physics	Master of Science MSc. (Physics)
Science Chemistry	Master of Science Msc. (Chemistry)
Science Mathematics	Master of Science (Mathematics)
Mphil Mathematics	Master of Philosophy (Mathematics)
B.Sc (IT)	Bachelor of Science B.Sc (Information Technology)
M.Sc (IT)	Master of Science M.Sc (Information Technology)
BCA CT	Bachelor of Computer Application in Cloud Technology
MBBS	Bachelor of Medicine & Bachelor of Surgery MBBS
MD General Medicine	Doctor of Medicine in General Medicine MD (General Medicine)
MD Pediatrics	Doctor of Medicine in Pediatrics MD (Pediatrics)
MD Psychiatry	Doctor of Medicine in Psychiatry MD (Psychiatry)
MS ENT	Master of Surgery in Ear Nose Throat MS (ENT)
MS OBG	Master of Surgery in Obstetrics and gynaecology MS (OBG)
MD Community Medicine	Doctor of Medicine in Community Medicine MD (Community Medicine)
MD Pharmacology	Doctor of Medicine in Pharmacology MD (Pharmacology)
MD Biochemistry	Doctor of Medicine in Biochemistry MD (Biochemistry)
MD Microbiology	Doctor of Medicine in Microbiology MD (Microbiology)
MD Physiology	Doctor of Medicine in Physiology MD (Physiology)
B.Sc Nursing	Bachelor of Science in Nursing BSc. (Nursing)
P.C.B.Sc Nursing	Post Certificate Bachelor of Science in Nursing PC BSc (Nursing)
M.Sc Nursing	Master of Science in Nursing Msc. (Nursing)
Integrated M.Sc M.B	Master of Science (5 Years Integrated MSc.) M.Sc. (Medical Biotechnology)
BPT	Bachelor of Physiotherapy BPT
MPT	Master of Physiotherapy MPT
BMLT	Bachelor of Science B.Sc. (Medical Laboratory Technology)
M.Sc. Medical Anatomy	Master of Science M.Sc. (Medical Anatomy)
M.Sc. Medical Biochemistry	Master of Science M.Sc. (Medical Biochemistry)
M.Sc. Medical Microbiology	Master of Science M.Sc. (Medical Microbiology)
M.Sc. Medical Physiology	Master of Science M.Sc. (Medical Physiology)
MHA	Master of Hospital Administration MHA

Manual of Procedure for Conduct of University Examinations

MA - Political Science	Master of Arts in Political Science
BA	Bachelor of Arts with Honours BA (English)
M.Com	Master of Commerce M.Com (Accounting and Finance)
B.Com	Bachelor of Commerce with Honours B.Com (Accounting)
PhD	Doctor of Philosophy PhD
BA English	Bachelor of Arts with Honours BA (English)
BA History	Bachelor of Arts with Honours BA (History)
BA Political Science	Bachelor of Arts with Honours BA (Political Science)
BA Sociology	Bachelor of Arts with Honours BA (Sociology)
B.Com	Bachelor of Commerce (B.Com)
B.Com Accounting	Bachelor of Commerce with Honours B.Com (Accounting)
B.Sc MLT	Bachelor of Science B.Sc. (Medical Laboratory Technology)
B.Sc Medical Biotechnology	Bachelor of Science B.Sc. (Medical Biotechnology)
B.Sc Nursing	Bachelor of Science B.Sc. (Nursing)
B.Tech AEI	Bachelor of Technology B.Tech (Applied Electronics and Instrumentation Engineering)
B.Tech COMPENG	Bachelor of Technology B.Tech (Computer Engineering)
B.Tech EE	Bachelor of Technology B.Tech (Electrical and Electronics)
B.Tech EC	Bachelor of Technology B.Tech (Electronics and Communication)
MD-Psychiatry	Doctor of Medicine MD (Psychiatry)
MD-Biochemistry	Doctor of Medicine MD (Biochemistry)
MD-Community Medicine	Doctor of Medicine MD (Community Medicine)
MD-General Medicine	Doctor of Medicine MD (General Medicine)
MD-Microbiology	Doctor of Medicine MD (Microbiology)
MD-Pediatrics	Doctor of Medicine MD (Paediatrics)
MD-Pharmacology	Doctor of Medicine MD (Pharmacology)
MD-Physiology	Doctor of Medicine MD (Physiology)
Ph. D.	Doctor of Philosophy
Ph.D.-P	Doctor of Philosophy - Part Time
MA Political Science	Master of Arts MA (Political Science)
MBA Marketing and HR	Master of Business Administration (Marketing and Human Resource)
MBA Marketing and Finance	Master of Business Administration (Marketing and Finance)
M.Com Accounting and Finance	Master of Commerce (Accounting & Finance)
M.Com	Master of Commerce (M.Com)

Manual of Procedure for Conduct of University Examinations

M-HA	Master of Hospital Administration (MHA)
MPT Cardio Pulmonary Sciences - CR	Master of Physiotherapy MPT (Cardio-Pulmonary Sciences) (elective: Cardiopulmonary Rehabilitation)
MPT Neurological Sciences - ANR	Master of Physiotherapy MPT (Neurological Sciences) (elective: Adult Neurological Rehabilitation)
MPT Neurological Sciences - Paediatrics	Master of Physiotherapy MPT (Neurological Sciences) (elective: Paediatrics)
MPT Orthopaedics - Manual Therapy	Master of Physiotherapy MPT (Orthopaedics) (elective: Manual Therapy)
MPT Orthopaedics - Sports	Master of Physiotherapy MPT (Orthopaedics) (elective: Sports)
Integrated MSc MB_Semester	Master of Science (Five Years Integrated M.Sc.) M.Sc. (Medical Biotechnology)-Semester
Integrated MSc MB_Annual	Master of Science (Five Years Integrated M.Sc.) M.Sc. (Medical Biotechnology)-Annual
MSc Applied Physics	Master of Science M. Sc. (Applied Physics)
MSc Electronics	Master of Science M. Sc. (Electronics)
MSc Nursing	Master of Science M.Sc. (Nursing)
MSc Nursing Community Health	Master of Science M.Sc. (Nursing) Community Health Nursing
MSc Nursing Medical Surgical - CVTN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Cardio Vascular and Thoracic Nursing
MSc Nursing Medical Surgical - CCN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Critical Care Nursing
MSc Nursing Medical Surgical - GEN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Gastroenterology Nursing
MSc Nursing Medical Surgical - NUN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Nephro-Urology Nursing
MSc Nursing Medical Surgical - NN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Neurosciences Nursing
MSc Nursing Medical Surgical - ONCN	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Oncology Nursing
MSc Nursing Medical Surgical - ON	Master of Science M.Sc. (Nursing) Medical Surgical Nursing : Orthopedic Nursing
MSc Nursing (OBG)	Master of Science M.Sc. (Nursing) Obstetrics and Gynaecology Nursing
MSc Nursing (Paediatric)	Master of Science M.Sc. (Nursing) Paediatric (Child Health) Nursing
MSc Nursing (Mental Health)	Master of Science M.Sc. (Nursing) Psychiatric (Mental Health) Nursing
MS-OBG	Master of Surgery MS (Obstetrics and Gynaecology)

Manual of Procedure for Conduct of University Examinations

MS- Otorhinolaryngology	Master of Surgery MS (Otorhinolaryngology)
MTech NANO	Master of Technology M.Tech (Applied Nano Technology)
MTech NANO_P	Master of Technology M.Tech (Applied Nano Technology) - Part Time
MTech DEACE	Master of Technology M.Tech (Digital Electronics and Advanced Communication Engineering)
MTech DEACE_P	Master of Technology M.Tech (Digital Electronics and Advanced Communication Engineering) - Part Time
MTech ME	Master of Technology M.Tech (Mechanical Engineering)
MTech ME_P	Master of Technology M.Tech (Mechanical Engineering) - Part Time
PB BSc Nursing	Post Basic Bachelor of Science PB B.Sc. (Nursing)
ADFSE -DE	Advanced Diploma in Fire and Safety Engineering
ADHN -DE	Advanced Diploma in Hardware and Networking
ADHCM -DE	Advanced Diploma in Hospitality and Catering Management
ADSFE -DE	Advanced Diploma in Safety and Fire Engineering
ADTHM -DE	Advanced Diploma in Travel and Hospitality Management
BA -DE	Bachelor of Arts
BAE -DE	Bachelor of Arts in English
BAJM -DE	Bachelor of Arts in Journalism and Mass Communication
BAS -DE	Bachelor of Arts in Sociology
BBA -DE	Bachelor of Business Administration
BBARO -DE	Bachelor of Business Administration in Retail Operations
BBA-DE -CGPA	Bachelor of Business Administration-CGPA
BBM -DE	Bachelor of Business Management
BCOM -DE	Bachelor of Commerce
BCOMEIM -DE	Bachelor of Commerce in Export & Import Management
BCOMFP -DE	Bachelor of Commerce in Financial Planning
BComIS -DE	Bachelor of Commerce in Information System
BComSCM -DE	Bachelor of Commerce in Supply Chain Management
BCA -DE	Bachelor of Computer Applications
BCA-DE -CGPA	Bachelor of Computer Applications-CGPA
BIT -DE	Bachelor of Information Technology
BOT -DE	Bachelor of Occupational Therapy
BPT -DE	Bachelor of Physiotherapy
BSCIT-IMS -DE	Bachelor of Science (IT - Infrastructure Management System)
BScAFD -DE	Bachelor of Science in Apparel and Fashion Design
BScBT -DE	Bachelor of Science in Applied Biotechnology
BScAIT -DE	Bachelor of Science in Applied Information Technology
BScFD -DE	Bachelor of Science in Fashion Design
BScHIA -DE	Bachelor of Science in Health Information Administration

Manual of Procedure for Conduct of University Examinations

BHIA -DE	Bachelor of Science in Health Information Administration-BHIA
BScHCM -DE	Bachelor of Science in Hospitality and Catering Management
BScHT -DE	Bachelor of Science in Hospitality, Catering & Tourism
BSCIT -DE	Bachelor of Science in Information Technology
BSCIT-DE -CGPA	Bachelor of Science in Information Technology-CGPA
BScIMS -DE	Bachelor of Science in Infrastructure Management System
BScMIT -DE	Bachelor of Science in Medical Imaging Technology
BMIT -DE	Bachelor of Science in Medical Imaging Technology-BMIT
BScMLT -DE	Bachelor of Science in Medical Laboratory Technology
BMLT -DE	Bachelor of Science in Medical Laboratory Technology-BMLT
BScMM -DE	Bachelor of Science in Multimedia
BScMA -DE	Bachelor of Science in Multimedia & Animation
BScNT -DE	Bachelor of Science in Network Technology
BScSFM -DE	Bachelor of Science in Safety and Fire Management
BScTT -DE	Bachelor of Science in Teaching Technology
CDA -DE	Certificate in Dental Assistance
CDCT -DE	Certificate in Dental Ceramic Technology
CEIT -DE	Certificate in Export - Import Trade
CPA -DE	Certificate in Pharmacy Assistance
DAIT -DE	Diploma in Applied Information Technology
DCA -DE	Diploma in Computer Applications
DEC -DE	Diploma in Electronic Commerce
DFDI -DE	Diploma in Fashion Design and Illustration
DFSE -DE	Diploma in Fire and Safety Engineering
DHN -DE	Diploma in Hardware and Networking
DHIA -DE-I	Diploma in Health Information Administration-I
DHIA -DE-II	Diploma in Health Information Administration-II
DHEM -DE	Diploma in Hospital Equipment Maintenance
DHCM -DE	Diploma in Hospitality and Catering Management
DIT -DE	Diploma in Information Technology
DIT -DE-I	Diploma in Information Technology-I
DCI -DE	Diploma in IT Enabled Customer Interaction
DMIT -DE	Diploma in Medical Imaging Technology
DMLT -DE	Diploma in Medical Laboratory Technology
DMT -DE	Diploma in Medical Transcription
DOA -DE	Diploma in Ophthalmic Assistance
DPCA -DE	Diploma in Patient Care Aid
DPT -DE	Diploma in Physiotherapy
DRIT -DE	Diploma in Radiology and Imaging Technology
DSF -DE	Diploma in Safety and Fire

Manual of Procedure for Conduct of University Examinations

DSFE -DE	Diploma in Safety and Fire Engineering
DSN -DE	Diploma in Systems & Networking
MAH -DE	Master of Arts in History
MAJM -DE	Master of Arts in Journalism and Mass Communication
MAPS -DE	Master of Arts in Political Science
MBA -DE	Master of Business Administration
MBA-DE -CGPA	Master of Business Administration-CGPA
MBABF -DE	Master of Business Administration in Banking and Finance
MBAB -DE	Master of Business Administration in Banking Management
MBABPO -DE	Master of Business Administration in Business Process Outsourcing
MBADS -DE	Master of Business Administration in Dual Specialization
MBAHCS -DE	Master of Business Administration in Health Care Services
MBAIT -DE	Master of Business Administration in Information Technology
MBAIB -DE	Master of Business Administration in International Business
MCOM -DE	Master of Commerce
MComIS -DE	Master of Commerce in Information System
MCA -DE	Master of Computer Applications
MCA-DE -CGPA	Master of Computer Applications-CGPA
MIT -DE	Master of Information Technology
MScBI -DE	Master of Science in Bioinformatics
MScBT -DE	Master of Science in Biotechnology
MScCRRA -DE	Master of Science in Clinical Research and Regulatory Affairs
MScCS -DE	Master of Science in Computer Science
MScDM -DE	Master of Science in Disaster Mitigation
MScEB -DE	Master of Science in E-Business
MScEE -DE	Master of Science in Ecology and Environment
MScET -DE	Master of Science in Eco-Tourism
MScGI -DE	Master of Science in Geo-Informatics
MScIT -DE	Master of Science in Information Technology
MScIT-DE -CGPA	Master of Science in Information Technology-CGPA
MScITN -DE	Master of Science in Information Technology-N
MScMM -DE	Master of Science in Media Management
MScPC -DE	Master of Science in Pollution Control
MScSD -DE	Master of Science in Sustainable Development
MScTT -DE	Master of Science in Telecom Technology
MScTQM -DE	Master of Science in Total Quality Management
PGD TT -DE	Post Graduate Diploma in Telecom Technology
PGDHN -DE	Post Graduate Diploma in Hardware and Networking
PGDBM -DE	Post Graduate Diploma in Banking Management
PGDBI -DE	Post Graduate Diploma in Bioinformatics

Manual of Procedure for Conduct of University Examinations

PGDBA -DE	Post Graduate Diploma in Business Administration
PGDCRRA -DE	Post Graduate Diploma in Clinical Research and Regulatory Affairs
PGDCA -DE	Post Graduate Diploma in Computer Applications
PGDEC -DE	Post Graduate Diploma in Electronic Commerce
PGDENM -DE	Post Graduate Diploma in Environmental Management
PGDFM -DE	Post Graduate Diploma in Finance Management
PGDHSM -DE	Post Graduate Diploma in Healthcare Services Management
PGDHRM -DE	Post Graduate Diploma in Human Resource Management
PGDISM -DE	Post Graduate Diploma in Information Systems Management
PGDIT -DE	Post Graduate Diploma in Information Technology
PGDIMS -DE	Post Graduate Diploma in Infrastructure Management System
PGDIB -DE	Post Graduate Diploma in International Business
PGDMM -DE	Post Graduate Diploma in Marketing Management
PGDMT -DE	Post Graduate Diploma in Medical Transcription
PGDOM -DE	Post Graduate Diploma in Operations Management
PGDPSM -DE	Post Graduate Diploma in Pharmaceutical Sales Management
PGDPM -DE	Post Graduate Diploma in Project Management
PGDROM -DE	Post Graduate Diploma in Retail Operations Management
PGDSCM -DE	Post Graduate Diploma in Supply Chain Management
PGDTN -DE	Post Graduate Diploma in Telecommunication and Networking
PGDTQM -DE	Post Graduate Diploma in Total Quality Management
PGDTTM -DE	Post Graduate Diploma in Travel and Tourism Management
BAHH -DE	Bachelor of Arts (Itihas)
BAPH -DE	Bachelor of Arts (Rajaniti Sastra)

Manual of Procedure for Conduct of University Examinations

Annexure 36: Malpractice Enquiry Committee Form

SIKKIM MANIPAL UNIVERSITY

RECOMMENDATIONS OF MALPRACTICE ENQUIRY COMMITTEE

Members: (1) Prof. (Dr.) B. B. Pradhan, Associate Director (A), Chairman
(2) Prof. (Dr.) Ratika Pradhan, Associate Director (SA) (3) Prof. (Dr.) Sanjay Dahal, Co-ordinator IQAC (4) Prof. (Dr.) G. C. Mishra, DCE (T) (5) Prof. (Dr.) Sourav Dhar, CTTO

Details of Malpractice case:

- (i) Name of Student :
 - (ii) Registration No. :
 - (iii) Address :
 - (iv) Permanent Address:
 - (v) Nature and Clause of offense:
- (As in the Hall Ticket)

To

Vice Chancellor/Controller of Examinations:

Recommendations of committee:

.....
.....
.....
.....
.....

Signature of Members : (1) Prof. (Dr.) B. B. Pradhan, Associate Director (A), Chairman
(2) Prof. (Dr.) Ratika Pradhan, Associate Director (SA) (3) Prof. (Dr.) Sanjay Dahal, Co-ordinator IQAC (4) Prof. (Dr.) G. C. Mishra, DCE (T) (5) Prof. (Dr.) Sourav Dhar, CTTO

Through HOI (Director, SMIT):

Signature of HOI:

VICE CHANCELLOR:

OFFICE ORDER

Date:

(VICE CHANCELLOR, SMU)

Manual of Procedure for Conduct of University Examinations

Annexure 37: Malpractice Report Form

SIKKIM MANIPAL UNIVERSITY

MALPRACTICE REPORT FORM

PART I

CENTER :

EXAMINATION:

SUBJECT:

PAPER:

DATE:

NAME OF CANDIDATE:

REGISTRATION NO. OF CANDIDATE:

IMPORTANT

The report and other documents shall be sent to Controller of Examinations/Deputy Controller of Examinations by name. The packet containing the report and answer book etc., shall be super scribed 'Stray Answer Book' in the block capital letters.

To:

Controller of Examinations
Sikkim Manipal University
of Health, Medical & Technological Sciences.

Dear Sir,

1. I am sending herewith a case of Malpractice by
..... (name) son/daughter of
..... who is/was a student
of institution, bearing Registration

Manual of Procedure for Conduct of University Examinations

- number and who is appearing for the
..... Examination at my center.
2. The case took place in the room marked on the copy of seating plan at about on
 3. The distance between the offending candidate and Superintendent's table was about
 4. The report of the Superintendent is in Part II and my detail is in Part IV.
 5. The statement/s of candidate/s (part III of the Report form) involved is enclosed at page The candidate/s refused to give statement/s (Strike out whichever is not applicable).
 6. A copy of certified plan of seating arrangement is at page
 7. The materials seized are at page They are attested by me and the room superintendent.
 8. The answer book is at page along with a copy of question paper.
 9. The concerned Superintendent's dairy is at page
 10. The permanent address of the candidate is:

11. The superintendent's permanent address is:

Place:

Date:

Yours faithfully

Coordinator(Theory)/ HOD (Practical)

Countersigned:

Dean/Director of Institution

Manual of Procedure for Conduct of University Examinations

STATEMENT OF THE CANDIDATE

(Statement of candidate shall be obtained by the Coordinator/HOD)

Note:

- (1) The Candidate shall be asked in the presence of a responsible witness; such as the senior member of the staff to give his statement. The statement shall be in the candidate's own handwriting and shall be signed by the candidate and attested by the witness and COORDINATOR/HOD.
- (2) If the candidate refused to give his statement, the candidate shall be asked to record in writing his refusal to give a statement. If he refuses to do even that, the fact shall be noted duly witnessed by two senior members of the staff.

Name & Registration Number of Candidate:

(Signature of Candidate)
Coordinator/HOD)

(Signature of

Name & Signature of Witness (i):

Name & Signature of Witness (ii):

Countersigned by:
Institution)

(Dean/Director of

Manual of Procedure for Conduct of University Examinations

PART II

REPORT OF THE SUPREINTEDEDENT INCHARGE OF ROOM/ROWS

NOTE:

- i. Strike out paragraph, which are not applicable to you (Superintendent).
 - ii. All the statements made by you (Superintendent) should be based on personal knowledge.
 - iii. Make an entry separately in the Superintendent's diary regarding the malpractice report made by you.
-
1. The statement given by me is based on my personal knowledge.
 2. Before the commencement of the Examination, I warned the candidates "You should search your pockets, desks and benches and handover to me any paper, book or note which you may find therein, before starting to answer your paper of examination". This warning was given individually to latecomers also.
 3. While I was supervising on (date) at about (Time) I detected the cause of malpractice in Room No The candidates Register No. is I give below the detailed facts of the case.

Manual of Procedure for Conduct of University Examinations

Annexure 38: Re-evaluation application Form



Sikkim Manipal University



APPLICATION FORM FOR RE-EVALUATION
April/May 2018 Examination

Date: _____

REG. NO : _____

NAME : _____

SEMESTER & BRANCH: _____ MOBILE NO: _____

Details of papers for re-evaluation: (Re-evaluation is applicable for theory papers only)

SL.	SUBJECT CODE	SUBJECT TITLE
1		
2		
3		
4		
5		
6		

TOTAL FEE (@ 100/- per Subject): _____

In words: _____

Fee to pay online by using any bank Debit card, Credit Card, Net banking, SBI Buddy through the link mentioned below:

<https://www.onlinesbi.com/prelogin/icollecthome.htm?corpID=756718>

(Signature of Students)

Acknowledgement

Application of Mr/Ms _____ bearing registration no. _____ is received.

Details of Subject applied: _____

(Signature of Receiver)
With office seal

Manual of Procedure for Conduct of University Examinations

Annexure 39: Backlog Subject Examination Application Form



Application for Semester Backlog Subjects Examination

Important: Apply as per Semester Examination Time Table _____

Appn. No: _____

- Name of the Candidate: Mr/Ms. _____
- Reg. No/ Semester/Branch/Batch: _____ / _____ / _____ / _____

Details of paper applied with Subject Code & Title:

S/No	Subject Code	Subject Title	Date of Examination	Present grade of the subject DT/F/I/MP	Initial of HOD/Course Coordinator of subject	Batch (for office use by HOD/AD(A) only)
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						

- It is verified that all subjects given above are applicable to the student.
- Communication Address (Compulsory):
i) Mobile No: _____ Email ID : _____
- Examination fee for Backlog Subjects :“UG/MCA”Rs. 500/- per paper,“PG” Rs. 600/- per paper.
- Amount of feed paid : Rs. _____ through Receipt No. _____ dated ____/____/____
(Submit the filled form alongwith the fee Receipt at the office of Respective Department, latest by _____)
- Recommendation by TG:
- No dues certificate by Assistant Manager (Fin) SMIT:
- Please retain a copy of this form with official seal on it for future reference.

10. Students who are not attending classes in the current semester and not in the Institute, can apply to the exam cell directly by sending the scan copy of the filled form and payment receipt to dce.tech@smit.smu.edu.in. The payment can be done through “SBI Collect” <https://www.onlinesbi.com/prelogin/collehome.htm?corpID=756718>

(Signature of Candidate with date)

Signature of HOD/Associate Director (A)* with stamp

*Associate Director (A) for 1st Year Students

----- For Office use (Exam Cell) -----

Checked & Verify by:

(Signature with Stamp)



Manual of Procedure for Conduct of University Examinations

Annexure 40: Malpractice Punishment Award Notice

NOTICE

Ref No: 01/MalPractice/000

Dated: DD/MM/YYYY

The _____ Semester, _____ student _____, bearing Sikkim Manipal University Admission Number _____ was found to be indulged in malpractice during _____ Semester Examination.

On the recommendation of enquiry committee and approval of the same by Vice-Chancellor, Sikkim Manipal University, **Theory Paper of _____ semester (Sub Code)** appeared by the student in the _____ Semester Examination is hereby cancelled.

(Dy. Controller of Examinations-Tech.)

Sikkim Manipal University

Copy to:

1. Vice-Chancellor, SMU
2. Director, SMIT (Personal file of student)
3. Associate Director(Academics), SMIT
4. HOD Concerned
5. Office Superintendent (Requested to dispatch to the parents by post)
6. Teacher Guardian (Requested to handover to the student concerned and send confirmation to office of the undersigned)
7. Chief Warden
8. Notice Board
9. Office Copy

Manual of Procedure for Conduct of University Examinations

Annexure 41: Remuneration Chart

1. For Teaching Staff

REVISED REMUNERATION OF UNIVERSITY EXAMINATIONS - 2017			
Sl. No.	NATURE OF WORK	REMUNERATION	
		RATE	REMARKS
1	Valuation of Books (UG)	20/- Per Script 200/-Min	
2	Valuation of Books (PG)	30/- Per Script 300/-Min	
3	Scrutiny	2/- Per Script	
4	Question Paper Setting (UG)	300/-Per Script	
5	Question Paper Setting (PG)	400/-Per Script	
6	Typing & Obtaining final copy Qp	100/- Per Qp	
7	Practical Examinations (Upto 4hrs duration (UG)	30/- Per Std 150/- (Min)	
8	Practical Examinations (Upto 4hrs duration (PG)	40/- Per Std 400/- (Min)	
9	Mini Project (UG)	50/- Per Std	
10	Major Project (UG)	75/- Per Std	
11	Project (PG)	150/- Per Std	
12	Project (M.Tech)	150/- Per Std	
13	PhD Thesis Evaluation	2000/- Per Thesis	
14	PhD Viva Voce	1000/- Per Std	
15	Sitting Allowances	1000/- Per session	
16	Moderation & Proof Reading	200/- Per Qp	To be distributed among the committee member.

Manual of Procedure for Conduct of University Examinations

2. For Non-teaching staff

REVISED REMUNERATION OF UNIVERSITY EXAMINATIONS			
Sl. No.	NATURE OF WORK	REMUNERATION	
		RATE	REMARKS
1	Expert Assistant	150/- Batch	
2	Foremen/Technician/Clerk/Store Keeper	100/- Per Session	
3	Attendant	75/- Per Session	
4	For the additional duties of staff at valuation and tabulation center (Like assistance in coding, scrutiny and marks entry)	10/- Per Script	
5	Xeroxing, Packing & Sealing of QP	50/- Per QP	

Manual of Procedure for Conduct of University Examinations

Annexure 42: PhD course work certificate



SMU SIKKIM
MANIPAL
UNIVERSITY

Established under Govt. of Sikkim, Act 9 of 1995, recognised under 2(f) of the UGC Act, 1956

Office of the Deputy Controller of Examinations - Technical

Ph. D. Course Work Details

Name	
Department	
Ph. D. Registration Number	
Institute of Registration	Sikkim Manipal Institute of Technology

Course/ Semester	Date of Exam	Sub Code	Name of Subject(s)/ Seminar Topics (s)	Credit	Grade / Remarks
1	Nov/Dec 2017	BA5101	Research Methodology	4	C
1	Nov/Dec 2017	MN5108	Optoelectronic Devices	4	S
1	Nov/Dec 2017	MN5109	Characterization Technique	4	S

Place: Gangtok, Sikkim

Date: 27th April 2018

PREPARED

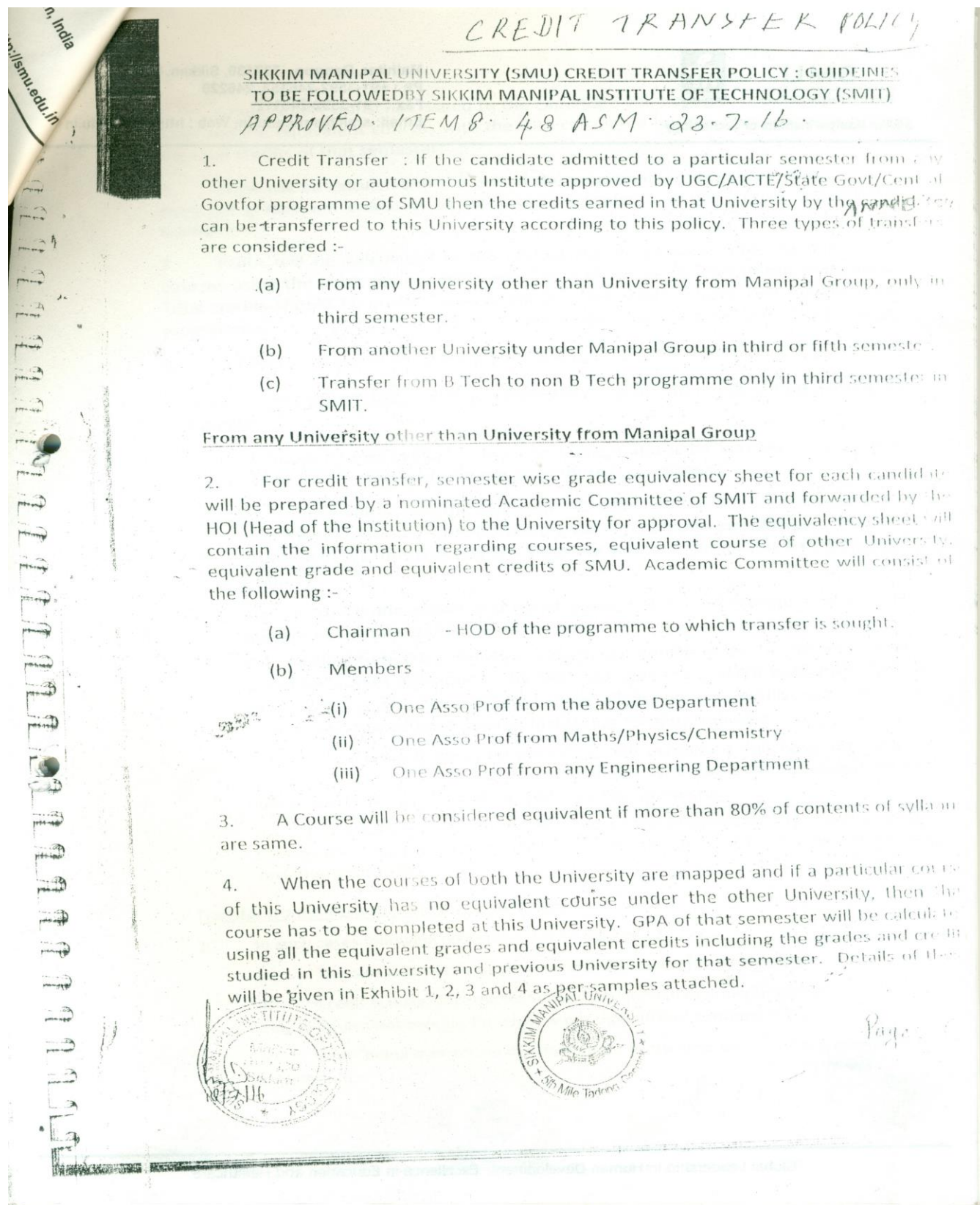
VERIFIED
Prof (Dr.) Gopal Mishra
Dy. Controller of Examinations-Tech
Sikkim Manipal University

CONTROLLER OF EXAMINATION



Sikkim Manipal Institute of Technology, Majitar, Rangpo, East Sikkim - 737136
Ph. : 03592-246216 / 217 / 219 / 312 Ext - 235 / 753, ♦ E-mail : dce.tech@smit.smu.edu.in ♦ www.smu.edu.in

Annexure 43: Credit Transfer Policy



5. Grade report transcript issued to the candidate will have the courses studied at SMU and the equivalent courses with the GPA calculated for the whole semester with the total credits of that semester.
6. CGPA will be calculated at the end of the programme after passing all the courses using the grades and credits of all the courses completed at the present and previous Institutions.
7. CGPA will be calculated at the end of the programme after passing all the courses using the equivalent grades and credits of all the courses of the programme. Total credits should be greater than or equal to the credit required for qualifying the programme. *All subjects of SMU for all semesters of SMU*
8. CGPA is calculated using the credits and grades of SMU only.

Change of Institution from another University under Manipal Group within the University.

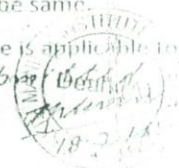
9. If a student takes transfer from one College and joins another College under Manipal University for the same course, procedure is as follows :-
 - (a) While calculating the CGPA, GPA, Credits and Grades are taken as it is, if both the institutions are following the same regulation and syllabus. If there is variation in syllabus procedure for transfer will be as applicable to the type of 1 (a).
 - (b) In the grade report and result sheet, subjects which are studied in the present Institution should be mentioned.
 - (c) If the student has failed in a particular course in the previous Institution and if he studies and appears for that course in the present Institution, GPA of that semester will be calculated using all grades and credits earned in the previous Institution and present Institution for that semester.
 - (d) Grade report transcript issued to the candidate will have the courses studied at SMU and the equivalent courses with the GPA calculated for the whole semester with the total credits of that semester.
 - (e) CGPA will be calculated at the end of the programme after passing all the courses using the grades and credits of all the courses completed at the present and previous Institutions.

Transfer from B Tech to Non Tech in SMU only

10. In such cases following procedure will be followed :-
 - (a) Transfer is permitted only in commencement of third semester.
 - (b) Credit transfer for courses studied and passed in previous course is permitted only in equivalent courses for which more than 80% of contents will be same.
 - (c) After being transferred the regulations of the new programme is applicable to the students



Page: 65



Manual of Procedure for Conduct of University Examinations

Annexure 44: Sample grade sheet issued to a transferred student

STATEMENT OF GRADES

FIRST SEMESTER B.TECH. (GROUP - A) EXAMINATIONS
JULY 2015

REG NO:

NAME:

INSTITUTE: SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

SUBJECT		CREDIT	GRADES OBTAINED
CODE	TITLE		
ALL SUBJECTS OF 20 CREDITS ATTENDED IN		20	

GRADE	S	A	B	C	D	E	F
GR.POINT	10	9	8	7	6	5	0

Grade I with gr.point 0 is for Incomplete
Grade DT with gr.point 0 is for Detained

SEMESTER PERFORMANCE

Credits brought forward from IISST **20.00**
Total Credit earned till current sem **20.00**
Semester Grade Point Average: **5.45**

CUMULATIVE PERFORMANCE

Cumulative Grade Point Average: **5.45**
Total Credit Earned (brought forward) **20.00**

No correction in the grade sheet is permitted.

RESULT: **PROMOTED**

PLACE: GANGTOK

DATE

VERIFIED

(CONTROLLER OF EXAMINATIONS)

STATEMENT OF GRADES

SECOND SEMESTER B.TECH. (GROUP - A) EXAMINATIONS
JULY 2015

REG NO:

NAME:

INSTITUTE: SIKKIM MANIPAL INSTITUTE OF TECHNOLOGY

SUBJECT		CREDIT	GRADES OBTAINED
CODE	TITLE		
SUBJECTS ATTENDED IN IISST,		15	
COA205	COMPUTER PROGRAMMING	4.0	B
COA206	ENVIRONMENTAL SCIENCE	2.0	A
COA208	COMPUTER PROGRAMMING LAB	1.5	A

GRADE	S	A	B	C	D	E	F
GR.POINT	10	9	8	7	6	5	0

Grade I with gr.point 0 is for Incomplete
Grade DT with gr.point 0 is for Detained

SEMESTER PERFORMANCE

Credits brought forward from IISST **15.00**
Credits earned at SMIT **7.50**
Total Credits earned in the current sem **22.50**
Semester Grade Point Average: **6.78**

CUMULATIVE PERFORMANCE

Cumulative Grade Point Average: **6.15**
Total Credits Earned: **42.50**

No correction in the grade sheet is permitted.

RESULT: **PROMOTED**

PLACE: GANGTOK

DATE

VERIFIED

(CONTROLLER OF EXAMINATIONS)