



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

(An Autonomous Institute under Kakatiya University, Warangal)

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५२९ ०१५

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫

EXAMINATION BRANCH

<http://kitsw.ac.in/examinations/Examinations.html>
<https://www.kitswexams.com>

Brochure 2022-23



“Collapsing any Nation does not require use of Atomic bombs or the use of Long range missiles. But it requires lowering the quality of Education and allowing cheating in the exams by the students.

The buildings collapse in the hands of an engineer who passed his exams through cheating.

And the patient dies in the hands of the doctor who passed his exams through cheating.

And the money is lost in the hands of an accountant who passed his exams through cheating.

And humanity dies in the hands of a religious scholar who passed his exams through cheating.

And justice is lost in the hands of a judge who passed his exams through cheating.

And ignorance is rampant in the minds of children who are under the care of a teacher who passed exams through cheating.

The collapse of education is the collapse of the Nation”



ABOUT EXAMINATION BRANCH

UGC document on the XI plan Profile of Higher education in India clearly states that “The only safe and better way to improve the quality of undergraduate education is to delink most of the colleges from the affiliating structure”.

With conferred Autonomous Status to KITSW by UGC, New Delhi, for a period of 6 years (w.e.f. academic year 2014-15), now it is possible for KITSW to evolve methods of assessment of students performance, the conduct of examination and notification of results.

To enhance the performance of the Examination Branch, since 2014 academic year, the Institute either restructured the existing procedures or introduced new methods / reforms to optimize user specific activities, reduce the delay and to help the students to get their requirements at the earliest.

VISION

To provide qualitative and reliable educational assessment

MISSION

- *To maintain accepted procedures*
- *To design proper exam schedules*
- *To provide scrupulous evaluation*

Core Values

1. **Integrity:** KITSW exam branch is deeply committed to ensuring the academic integrity. All the activities are conducted honestly and truthfully in an ethical manner. Integrity in examination question paper development, secure storage of question papers, conduction of exams in a safe and secure manner, verification of student identity, effective invigilation, managing malpractice in examinations, assuring accountable valuation, accuracy of the marking, results processing, results publishing and printing of grade sheets.
2. **Accountability:** The roles and responsibilities are assigned and people are held accountable for their deeds. Exam branch staff and faculty feel our liability towards the society and our actions add values to the Institute.
3. **Responsibility:** Everybody in the Exam branch is expected to discharge his/her duties with due responsibility.
4. **Transparency:** The general records of maximum aspects of the functioning are maintained to encourage transparency. With the help of CMS & student portal, information regarding notifications, schedules, continuous internal evaluation and End semester examinations is maintained at online.
5. **Respect of Individual:** While carrying out the interactions at all levels, the dignity and respect of an individual is observed. Students/staff/faculty must take care that, his/her behavior is impeccable toward opposite gender. Any unwelcome behavior towards female students and employees in written, spoken, gestural or physical, directly or indirectly would be dealt seriously.
6. **Empowerment:** Examination branch of KITSW promotes and encourages students, staff and faculty in their individual academic development and provides scope for enhancement in their participation in general. Achievers shall be felicitated and their efforts shall be appreciated.

Ethics

Seminar reports, mini-project reports, UG major projects, and PG dissertations are all handled through the institution's well-established system. Copyright infringement and plagiarism are regarded very seriously in seminar reports, project reports and dissertations. Plagiarism detection software is installed in the institute. Each department has a team that investigates claims of plagiarism or misuse of document or articles. For example, when a seminar report, project report, dissertation or a thesis, is found to have plagiarized other work or included third-party copyright material without permission or with insufficient acknowledgement, or authorship of the document is contested, the institute instructs such students to resubmit their work.

Code of Conduct

The code of conduct normally addresses the matters related to conduct and relationship with others, duties and responsibilities with moral & professional ethics, human values, external services, devotion, dedication and integrity towards the profession. Exam branch has certain mandatory requirements with an obligation to conduct in a manner compatible with the Institute's norms. Every individual is held responsible for his/her actions. Every student/staff/faculty is expected to be involved only in activities that are likely to maintain the prestige of the Institute and expected to behave respectfully with all. Following actions constitute the exam branch code of conduct.

1. **Honesty:** Malpractices/Cheating during test/examination or knowingly furnishing false information are prohibited and strictly dealt with. At the same time, things like plagiarism are prohibited during seminar/mini project/major project.
2. **Disciplined Conduct:** Rules and regulations are clearly laid down; examinations shall be conducted strictly as per almanac. Any behavior obstructing examinations, administration, other proceedings or activities in the examinations are entitled for punishment.
3. **Fairness:** To perform examination duties without partiality of castes, creed or religion race or sex, without deliberate over/under marking or attempt of victimization on any grounds. Maintaining fairness during performing examination activities such as invigilation, setting of question papers, moderation and assessment of answer papers and other work pertaining to the examination
4. **Conservation of Natural resources, Energy and Environment:** Every student and Staff is expected to be aware of these things and maintain the conduct accordingly.
5. **Cleanliness:** Every student and staff is expected to maintain the general cleanliness within the premises and the campus in general.

Objective(s)

Teaching and evaluation are the two sides of coin. Examination branch plays a key role in evaluation part. The Examination branch is an apex body of the Institute which is headed by the Controller of Examinations (CoE) and a few faculty members and shall be facilitated by four sections: Conducting, Confidential, Accounts and Certificate Sections. The main objective of the branch is to carry out examinations (both internal and external) in a fair and systematic manner, publish results and award certificates (provided by the Institute and University) to the students, keeping the record of each and every issue related to the examinations.

Functions

- To prepare exam schedules as per the almanac.
- To plan budget requirements and to procure all the necessary material.
- To prepare circulars for students regarding exam fee and modality of payments of fine etc.
- To publish fee notification with at least seven (7) day duration for payment of fee, at least two (2) days with Rs. 250/- fine followed by at least one (1) day with Rs. 1000/- fine and at least one (1) day with Rs. 5000/- fine.
- To provide online fee payment facility for regular, supplementary examinations and for revaluation.

- To give access for online registration of exam for regular, supplementary and also registration for reevaluation.
- To obtain the panel for paper setters and practical examiners from BoS chairpersons for End Semester Examinations.
- To establish relationship with paper setters and to obtain question papers within time frame.
- To complete the moderation of question papers at least ten (10) days before the commencement of the first examination.
- To print student-specific OMR sheets and to stitch them to the answer booklets.
- To plan and draft invigilation duties well in advance.
- To give the access to the students to download hall tickets from examination portal.
- To prepare statements of attendance.
- To prepare seating arrangements and seating plans and display them 15 minutes before the commencement of examination.
- To ensure quality in question papers.
- To print the question papers well in advance and to hold them in safe custody.
- To send appointment orders to practical examiners.
- To coordinate the coding and scanning of answer scripts.
- To identify the valuers for on-screen valuation.
- To coordinate scrutiny and scrutiny valuation.
- To post marks in to the examination tool.
- To organize results moderation meeting with BoS chairpersons.
- To maintain confidentiality from question paper setting to publication of results.
- To ensure meticulous evaluation, processing and to publish the results within the time frame.
- To prepare reports related to the performance of the students.
- To maintain results database.
- To issue grade sheets, provisional certificates, consolidated grade sheets, transcripts and original degree certificates.
- To prepare account statements for distribution of remunerations pertaining to examination works.
- To maintain student portal <https://www.kitswexams.com>.
- To update www.kitsw.ac.in/examinations.html page.
- To provide updated academic performance of a student, on-demand to parents.
- To generate automated consolidated marks report of MSE to the faculty.
- To hold the meetings as required.
- To send one copy of each question paper to college library.
- To maintain cordial relationship with Kakatiya University.
- Any other functions based on requirement and suitability.

The Examination Branch comprises four 4 sections viz. confidential, conducting, certificate and accounts sections, headed by the Controller of Examinations (CoE).

Confidential section

This section organizes all confidential work pertaining to examinations like paper setting, printing, dispensing of question papers to distribution room. Further, it involves in post-examination works like on-screen valuation, processing the results, publishing results, printing the semester grade sheets, consolidated grade sheets and provisional certificates.

Conducting section

This section takes the responsibility of conducting the Mid-Semester Examinations as well as the regular & supplementary End-Semester Examinations. Further, it involves in various pre- and post-examinations works like notifying the examination time-tables, appointing the invigilators, preparing the seating arrangements, preparing the seating plans, ensuring the supply of examination-related material to the invigilators on the day of examination, monitoring the evaluation of MSE answer scripts within the stipulated time, ensuring the posting of correct MSE/TA marks in the examination tool after thorough scrutiny, sending the ESE answer scripts to the confidential section for processing and evaluation.

The following are the various undergraduate and postgraduate programs for which this section conducts the examinations.

Undergraduate Programs:

- B.Tech. (Civil Engineering)
- B.Tech. (Mechanical Engineering)
- B.Tech. (Electronics & Instrumentation Engineering)
- B.Tech. (Electrical & Electronics Engineering)
- B.Tech. (Computer Science & Engineering)
- B.Tech. (Electronics & Communication Engineering)
- B.Tech. (Information Technology)
- B.Tech. (Computer Science & Engineering (Networks))
- B.Tech. (Electronics Communication & Instrumentation Engineering)
- B.Tech. Computer Science & Engineering (Artificial Intelligence & Machine Learning)
- B.Tech. Computer Science & Engineering (IoT)

Postgraduate Programs:

- M.Tech. (Structural Engineering & Construction)
- M.Tech. (Design Engineering)
- M.Tech. (Digital Communications)
- M.Tech. (VLSI & Embedded Systems)
- M.Tech. (Power Electronics)
- M.Tech. (Software Engineering)
- M.Tech. (Communication Engineering and Signal Processing)
- M.Tech. (Data Science)
- M.Tech. (Embedded System & VLSI)
- M.B.A.

Besides conducting the examinations for various programs mentioned above, this section conducts various governmental competitive examinations.

Certificate Section:

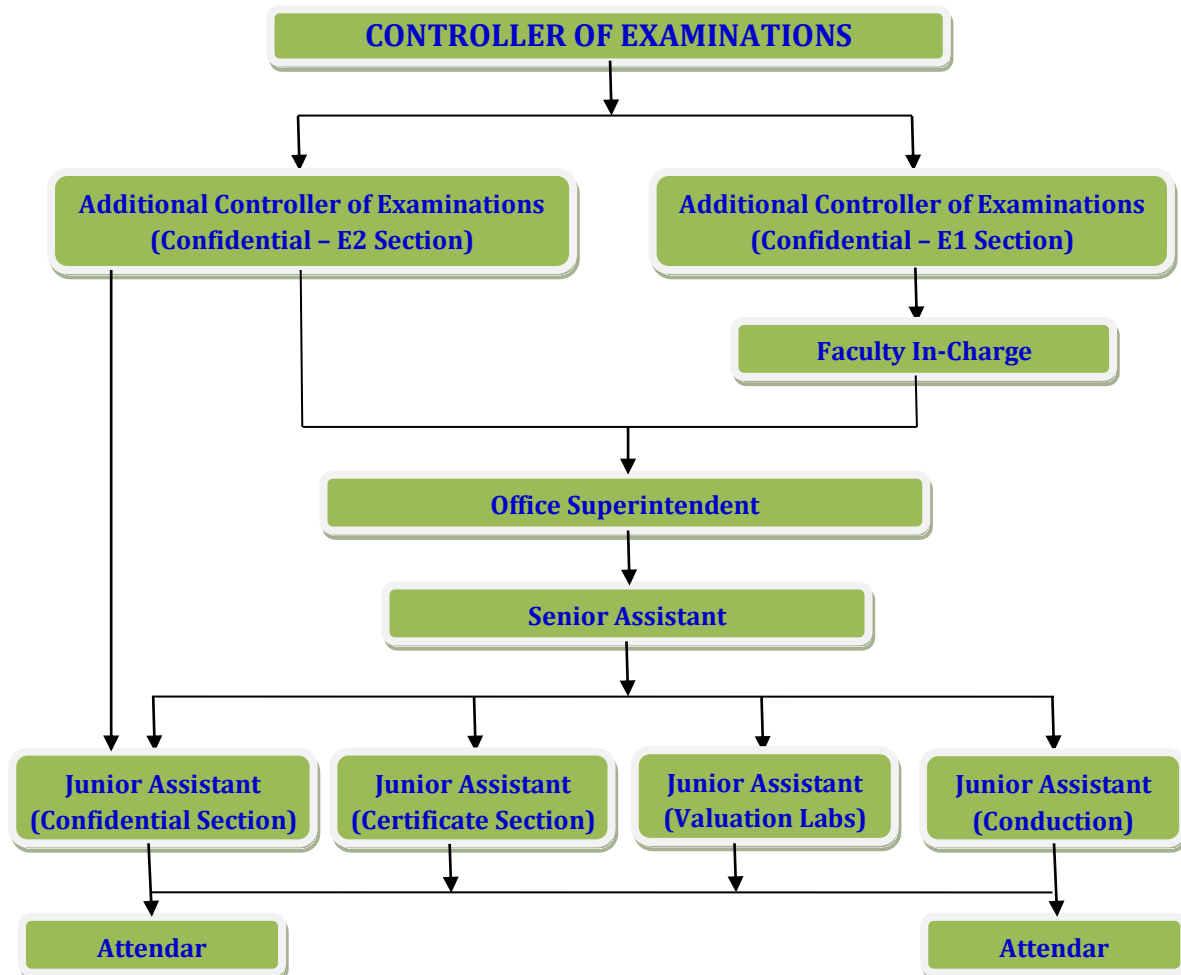
This section deals with the issue of Semester Grade Sheets, Provisional Certificates, Consolidated Grade Sheets, Degree Certificates, Duplicate Grade Sheets and verification/authentication of certificates for issue of Transcripts.

In addition, this section takes the responsibility of submitting the **Consolidated Grade Sheet data** of the students, who have successfully completed the UG/PG program, to the Kakatiya University for the **issue of Original Degree Certificates** and follows up the same.

Accounts section:

This section deals with all the financial matters of the Examination Branch.

- a) Preparing Settlement **statements** of Online Transactions made by the students for End Semester Examinations (Year wise & Semester wise).
- b) Initiating **Refund Transactions** for the students, after taking approval from the Controller of Examinations, who have paid the Examination Fee twice for the same examination (after inspecting thoroughly).
- c) Resolving **student queries** pertaining to Online Transactions during the examination fee payment.
- d) Preparing and consolidating the **Remuneration bills** of the Examinations conducted by KITSW Autonomous (Theory/Practical).
- e) Preparing Remuneration bills of the Kakatiya University Examinations (Theory/Practical) and submitting the bills to Accounts Section, Kakatiya University.
- f) Preparing the **distribution statement** for sanctioned remuneration, staff-wise and department-wise.
- g) Preparing the **Income/Expenditure statement** of the Examination Branch for every academic year.

EXAMINATION BRANCH – ORGANIZATION FLOW CHART

Contact Details

S. No.	Incharge/Dept.	Email ID	0870-2564888 Ext./Intercom No.
1	Controller of Examinations	coekitsw@gmail.com	227
2	Addl. Controller of Examinations (Confidential)	acoec.kitsw@gmail.com	226 Ph: 6302260993
3	Faculty Incharge of Examinations	facultyinchargeeb@gmail.com	225
4	Examination Branch Office	exambranch.kitsw@gmail.com (Account Section)	230
5	Distribution Room	exams.kitswgl@gmail.com (Certificate Section)	229

MILESTONES

S.No.	Mile Stone	Date
1	Autonomous Status	18-08-2014
2	Purchase of Kyocera 6030 photocopying machine	29-11-2014
3	Online submission of Examination Application forms through carrycloud.com	04-11-2014
4	Results uploading online through carrycloud.com	06-04-2015
5	Sanction of first imprest amount	01-04-2016
6	Nomination of Faculty co-ordinators for Examinations	13-04-2016
7	Examination Section is renamed as "Examination Branch"	21-06-2016
8	Addition of One Junior Assistant	22-08-2016
9	Online payment gateway integration with M/s. Atom	08-09-2016
10	Online payment gateway integration with M/s. BillDesk	28-09-2016
11	OMR Answer Booklets for the ESE Examinations	07-11-2016
12	Purchase of Stitching Machine	07-11-2016
13	Enhancement of Examination Branch Area	10-12-2016
14	CC cameras for electronic surveillance	15-12-2016

15	Addition of Two Junior Assistants	16-12-2016
16	Commencement of Stitching of Pre-printed OMR sheet to Main Answer Sheet	29-12-2016
17	Permission from Kakatiya University to issue PC & CGS	10-01-2017
18	Purchase of RISO digital duplicator	07-02-2017
19	Online Fee payment & submission of Online Examination Application forms	07-03-2017
20	MOU with dBase Software Solutions	16-05-2017
21	eSekure QR code integration	27-06-2017
22	Introduced Jumbling Seating Arrangement in ESE & MSE	05-09-2017
23	Arrangement of Lunch to External Laboratory Examiners in the Examination Branch	13-10-2017
24	Issue of Transcripts	12-11-2017
25	OD certificate distribution ceremony conducted to distribute ODs to First Batch M.Tech. & MBA autonomous batch students	22-12-2017
26	Inclusion of Aadhaar number in Grade Sheets, PC and CGS	13-01-2018
27	Student Performance Report	13-01-2018
28	SMS Integration with M/s. SMS Achariya	21-02-2018
29	Issue of CGPA to Percentage Conversion Certificate	27-02-2018
30	Sanction of Mobile Phone for Confidential Section	10-04-2018
31	Availability of ESE Question Papers Online	03-05-2018
32	Issue of First PC and CGS certificates to the First Autonomous Batch B.Tech. Students	09-06-2018
33	35 th GRADUATION DAY (1 st Autonomous Batch 2014-18)	29-12-2018
34	Work order to Bees Software for Examination Branch and along with ERP	22-02-2019
35	Integration with Paytm Payment Gateway	23-03-2019
36	Procurement of DELL SERVER (Intel Xeon bronze 3106 8 core 2 processor (total 16 Cores) 128 GB RAM DDR4 ECC regd-2666mhz 1 TB SAS HDD)	27-03-2019
37	LLOYD Air Conditioners for server room and valuation lab LS24I31AF INS (3 No.s)	03-06-2019
38	24 Port Switch Gigabyte D-Link DGS10224D	02-07-2019
39	Valuation Lab for On-screen valuation with 20 computers (Intel Core i5-8500/8GB 1TB HDD)	03-07-2019
40	Fujitsu Fi-7160 Scanner A4/Legal 60 ppm/120ipm with Standard Accessories (2)	22-03-2019

41	Rim Cutters (2) for cutting of Answer scripts	27-03-2019
42	Enabled QR Code Integration for grade sheets, PC and CGS	27-03-2019
43	EVSSL CERTIFICATE for www.kitswexams .com	27-03-2019
44	Surrender of attender (Mr. B. Srinivas Reddy)	08-07-2019
45	Transfer of attender (Mr. K. Kumara Swamy)	14-08-2019
46	Replacement of attenders (2)	14-08-2019
47	Registered with NAD (National Academic Depository)	28-01-2021
48	Registered with WES (World Education Services)	26-02-2021
49	Introduced Paytm QR Code for all types of fee payment	16-03-2021
50	Procurement of Server rack	03-08-2021
51	Procurement of Steel Racks Valuated answer scripts of MSE, ESE	25-08-2022
52	Procurement of Two Xerox VersaLink B7035	24-05-2022

IN-CHARGE(S) - EXAMINATION BRANCH

Examination Branch Staff Details

	<p>Dr. P.Kamakshi Controller of Examinations Email : coe@kitsw.ac.in Mobile: +91 9441930591</p>
	<p>Dr. G. Rajender Naik Addl. Controller of Examinations (Confidential) Email : acoec@kitsw.ac.in Mobile: +91 9866351508</p>
	<p>Dr. A. Suchith Reddy Addl. Controller of Examinations Email : acoe@kitsw.ac.in Mobile: +91 9849541234</p>

NON-TEACHING STAFF - EXAMINATION BRANCH

			
<p>V. Ravinder Senior Assistant</p>	<p>S. Raj Kumar Junior Assistant</p>	<p>M. Thirupathi Junior Assistant</p>	<p>A. Naveen Kumar Junior Assistant</p>
			
<p>P. Ramesh Attender</p>	<p>K. Bhupathi Reddy Attender</p>		

Equipment at a Glance

Sl. No.	HoD/Office/ Room/Others	Equipment	No. of Systems	Configuration/Model
1	Controller of Examinations	Computers	1	Dell Optiplex Intel corei3-6100 /4GB/500GB /19.5ED
2		Printers	1	HP Laserjet M1005
3	Addl. Controller of Examinations (Confidential)	Computers	7	1) Dell Power Edge T20 Server Intel Xeon Quad Core Dual E3 1225V3 Processor/32 GB ECC DDR3 RAM/2 TB HDD(1TBX2)/ DVD R/W (1 No.) 2) Dell Optiplex Intel corei3-6100/4GB/500GB /19.5ED (3 No.s) 3) HP Core i3 - 4160 / 4GB / 500 GB HDD (2 No.s) 4) Acer Pentium(R) Dual Core / 2 GB RAM / 250 GB HDD (1 No.)
4		Server Rack	1	Net Work Rack Net Rack 22 U 600W/1000D, Cable Manager, Shelf 1000MM Depth, Fan Module For 2 Fans, Power Manger 6/16A-6 Socket with MCB
5		On-screen valuation Lab	20	DELL DESKTOP @Rs. 33,898/- Intel CoreI5-8500/8GB 1TB HDD/Keyboard Optical Mouse 19.5 LED Monitor 3 Years Warranty
6		Bees Software	1	<ul style="list-style-type: none"> ➤ Automation of Examination Module ➤ OMR Sheet Recognition ➤ Image Acquisition Sheet Recognition ➤ Web Server Maintenance & Student Portal
7		QR Code Integration	1	QR Code Integration (for Exam Branch)
8		Printers	4	1) Samsung All in one 2876 Laserjet 2) HP All in one 1005 Laserjet Printer 3) Canon LBP 2900B 4) HP Laserjet 1020
9		Photocopying Machine	1	Kyocera FS-6030 MFP
10		Fujitsu Fi-7160 Scanner	2	Fujitsu Fi-7160 Scanner A4/Legal 60 ppm/120ipm with Standard Accessories
11		ADF Scanner	1	Fujitsu - SP - 1130, 30 ppm, 60 ipm

12		LLOYD Air Conditioner	3	LS24I31AF INS	
13		Stitching Machine	1	Booklet Stitching Machine	
14		Wi-Fi Router	1	D-Link Wireless N-150 Router	
15		Network Switch	2	1) NetGear 24 Port Gigabit GS724T Smart Switch 2) Switches 24 Port Switch Gigabyte D-Link DGS10224D	
16		Rim Cutters	2	Rim Cutters	
17	Addl. Controller of Examinations	Computers	1	Dell Optiplex Intel corei3-6100 /4GB/500GB /19.5ED	
18		Printers	1	Samsung All in one Printer 2876 Laserjet	
19	Faculty In-charge of Examinations	Computers	1	Acer Pentium(R) Dual Core / 2 GB RAM / 250 GB HDD	
20		Printers	1	HP Laser jet 1020 plus	
21	Examination Branch Office	Computers	4	1) Dell Optiplex Intel corei3-6100/4GB/500GB /19.5ED (2 No.) 2) Acer Pentium(R) Dual Core / 2 GB RAM / 250 GB HDD (2 No.)	
22		Printers	3	1) Canon LBP 2900 2) HP Laserjet P1007 3) HP Laserjet M1005	
23		Photocopying Machine	3	1) RISO SF5330 Digital Duplicator 2) Xerox VersaLink B7035	
24		Scanner	1	Canon Lide 110	
25		ADF Scanner	1	Fujitsu – SP – 1130, 30 ppm, 60 ipm	
26		UPS (Numeric)	1	Digital 600 EX	
27		Wi-Fi Router	1	D-Link Wireless N-150 Router	
28		Duplo Machine	1	Duprinter – DP C120	
29			UPS	1	Delta EH-20KVA UPS SMF Batteries (20)
30		Examination Branch	CC Camera	12	<ul style="list-style-type: none"> ➤ 16 Ch Hikvision Turbo DVR (1) ➤ 2 MP Bullet IR Cameras (12) ➤ 4 TB Seagate HDD (1) and other equipment
		Steel Racks	18	➤ Steel Racks Size 12'9" x 4'0" x 2'6"	

UG Evaluation Procedure (URR-14)

10* EVALUATION PROCEDURE

10.1 The evaluation of students in a course for all 4-year B.Tech. programme (8 semesters) and Lateral Entry students of B.Tech. programme (6 semesters), is continuous process and is based on their performance in different examinations as mentioned below:

- a) Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Mid-Semester Exams (MSE)** and **Teachers Assessment (TA)** through assignments.
- b) Terminal, often designated as **End Semester Examination (ESE)** which includes a written examination for theory courses and practical / design / drawing examination with built-in oral part for laboratory / design / drawing courses.

10.2 A student's performance in a course (subject) shall be judged by taking into account the result of **Continuous Internal Evaluation (CIE)** and **End Semester Examination (ESE)** together.

10.3 Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) shall have 40:60 weightage. i.e. Continuous Internal Evaluation (CIE) carrying 40% weightage and End Semester Examination (ESE) carrying 60% weightage.

10.4 Continuous Internal Evaluation (CIE) for Theory courses:

10.4.1 The Continuous Internal Evaluation (CIE) throughout the semester shall consist of Teachers Assessment (TA) and Mid-Semester Examination (MSE).

10.4.2 For assigning marks in Teachers Assessment (TA), performance in assignments is to be considered. Teacher shall give at least 2 assignments per each unit of syllabus covering the contents of that unit.

10.4.3 There shall be two mid semester examinations (MSE-I and MSE-II) of two hour duration for each course.

The average of the marks scored in MSE-I and MSE-II will be considered for evaluation under MSE. Hence, **it is mandatory for the student to take both the mid semester examinations.**

10.4.4 The distribution given to each component of Continuous Internal Evaluation (CIE) for a theory course is given below:

S. No.	Particulars	Weightage
1	Teacher's Assessment (TA) (Assignments)	15%
2	Mid Semester Examination (MSE) (MSE-I & MSE-II)	25%
Total Weightage:		40%

10.4.5 The marks obtained by the students in Mid Semester Examination (MSE) must be submitted to the Controller of Examination (CoE) by the teachers within 10 days from the date of conduct of the examination.

*** Numbering is as per the Rules & Regulations of Undergraduate Programme (URR-14)**

10.4.6 The dates for Mid Semester Examination (MSE) and End Semester Examination (ESE) will be declared by the CoE in consultation with the Dean, Academic Affairs.

10.5 End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each course.

10.6 Continuous Internal Evaluation (CIE) for Practical (Laboratory) Courses:

10.6.1 Continuous Internal Evaluation (CIE) for practical course shall carry 40% weightage.

10.6.2 The Continuous Internal Evaluation (CIE) throughout the semester shall consist of the following:

Assessment	Weightage
Regular Experimentation / Job work	10%
Regular submission of record	10%
Quiz / Skill Test at the end of semester	10%
Viva-voce at the end of semester	10%
Total Weightage:	40%

10.7 End Semester Examination (ESE) for Practical (Laboratory) Courses:

10.7.1. There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each practical course.

10.7.2. The End Semester Examination (ESE) for practical course shall carry 60% Weightage.

10.7.3. The marks distribution at End Semester Examination (ESE) shall be as follows:

Assessment	Weightage
Procedure / Experimentation / Tabulation / Result, as applicable	40%
Viva-Voce	20%
Total Weightage:	60%

10.8 Continuous Internal Evaluation (CIE) for Seminar & Mini Project:

10.8.1. There shall be only Continuous Internal Evaluation (CIE) for UG Course Seminar and Mini Project.

10.8.2. A teacher will be allotted to a student for guiding in
(i) Selection of topic

- (ii) Work to be carried out
- (iii) Report writing and
- (iv) Presentation (PPT) before Internal Seminar / Mini Project evaluation Committee.

10.9 Continuous Internal Evaluation (CIE) for Project Work:

10.9.1. Project work shall be normally conducted in two stages, spread over two sequential semesters i.e. seventh and eighth semester.

10.9.2. At the end of first stage (seventh semester), student shall be required to submit a Preliminary report of work done for evaluation to the project coordinator and present the same before an Internal Project Evaluation Committee. The Continuous Internal Evaluation (CIE) for the seventh semester is as follows:

Assessment	Weightage
Project Supervisor Assessment	50%
Internal Project Evaluation Committee Assessment	50%
Total Weightage:	100%

10.9.3. At the end of second stage (eighth semester), student shall be required to submit two bound copies, one being for the department and other for the Project Supervisor. The project report shall be evaluated by the Project Evaluation Committee and external oral examination shall be conducted on a pre-notified date. The project work evaluation for the eighth semester is as follows:

Assessment	Weightage
Project Supervisor Assessment	20%
Internal Project Evaluation Committee Assessment	20%
ESE (Presentation & Viva-Voce)	60%
Total Weightage:	100%

11. MINIMUM REQUIREMENT FOR PASSING A COURSE:

11.1. Theory Course: A student is deemed to have passed in a theory course, if he/she secures 35 percent of marks assigned to End Semester Examination (ESE) and 35 percent of marks assigned to Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.

- 11.2. The average of the marks scored in both Mid Semester Examination (MSE) (as per the Regulation No. 10.4.4 of URR-14) will be considered for the evaluation under Mid Semester Examination (MSE).
- 11.3. Laboratory Course: A student is deemed to have passed in a laboratory course, if he / she secures 35 percent of marks assigned to End Semester Examination (ESE) and 35 percent of marks assigned to the Teachers Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

12. GRADING SYSTEM:

- 12.1. At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account his / her performance in Continuous Internal Evaluation (CIE) and End Semester Examination (ESE).
- 12.2. The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (G_i)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	4
Fail	F	0

- 12.3. F-Grade is a Fail Grade. The course in which the student has earned F-Grade will be termed as backlog Course.
- 12.4. In addition, there shall be a transitional M-grade. M-Grade for “Debarred” due to indiscipline / malpractice during examination.
- 12.5. The Institute shall follow absolute grading system. The grades will be awarded as under:

Grade	Percentage Score (X)
S	$X \geq 90$
A	$80 \leq X < 90$
B	$70 \leq X < 80$
C	$60 \leq X < 70$
D	$45 \leq X < 60$
P	$35 \leq X < 45$
F	$X < 35$

- 12.6. For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade following the guidelines given in 11.5.
- 12.7. A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$\text{SEMESTER GRADE POINT AVERAGE (SGPA)} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where 'n' is the no. of courses (subjects) offered (excluding mandatory courses) for the semester, 'G1' is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 11.2.

- 12.8 The SGPA would indicate the performance of the student in the semester to which it refers, SGPA will be rounded off to the second place of decimal and recorded as such.
- 12.9. Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:

$$\text{CUMULATIVE GRADE POINT AVERAGE (CGPA)} = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$

Where 'm' is the total number of course (subjects) the student has been offered from the first semester onwards upto and including the present semester, 'C1' and 'G1' are as explained in 11.7.

- 12.10. The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.
- 12.11. SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-grade credits and not included for calculation.

13. SUPPLEMENTARY EXAMINATIONS

- 13.1. A student who obtained F-grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.
- 13.2. However the marks secured in Continuous Internal Evaluation (CIE) by the student in that course during the semester study shall remain unaltered.
- 13.3. The students those who have passed in the supplementary examination will be awarded grade with '*' marked on the courses passed in the supplementary.

14. CONDITIONS FOR PROMOTION

- 14.1. A student shall have to satisfy the attendance requirements for the semester (as per the Regulation No.8) for promotion to the next higher semester. In addition,
- (a) for promotion to the fifth semester, a student should not have more than four backlogs in the first and second semesters taken together.
 - (b) for promotion to the seventh semester, a student should not have more than four backlogs in the courses of first to fourth semester taken together.
 - (c) the grade (marks) secured in mandatory courses such as
 - (i) Environmental Studies
 - (ii) Physical Education & NSS,
 - (iii) Presentation skills,
 - (iv) Soft skills will not be counted for the purpose of backlogs. However, a minimum P-grade is compulsory in those courses for the award of the degree.

15. IMPROVEMENT EXAMINATION

- 15.1. Students who wish to improve their SGPA/CGPA are permitted for SGPA/CGPA improvement only for theory courses. The student may opt to re-appear all the courses of a semester at the immediately succeeding End Semester Examination (ESE) for improving his /her grades. However, the students should clear all the courses of a particular semester in which he/she intends to take an improvement examination.
- 15.2. Further, when once the student appears for the improvement examination he/she shall forego the grades secured in the earlier End Semester Examination (ESE) in the whole set of courses prescribed for that semester. However, the marks secured in Continuous Internal Evaluation (CIE) by the student in those courses during the semester study shall remain unaltered.
- 15.3. Students those who have re-appeared for improvement will be awarded grade with '\$' marked on the course appeared for improvement examination. '\$' will state the grade improvement. Such improved grade will not be counted for the ward of Prizes, Medals and Rank.
- 15.4. However, the students who register for improvement examinations and wish to drop from appearing the examinations, by written application to the CoE, before commencement of examinations, shall be permitted to retain their earlier grades.

16. REVALUATION RULES

- 16.1. Revaluation is allowed ONLY FOR THEORY COURSES.

- 16.2. The revised marks may or may not bring any change in the letter grade or SGPA.
- 16.3. If the award of the revaluator varies from the original award by less than 20% of the maximum marks prescribed for the course, best of the two awards thus available shall be taken as final. If the award of the revaluator varies from the original award by more than 20% of the maximum marks prescribed for the course, the answer script will be examined by the second revaluator. If the award of the both revaluators is more than 20% of the maximum marks, then average of the two awards thus available shall be taken as final otherwise best of original award and the second revaluator award shall be taken as final.

17. GRADUATION REQUIREMENT

- 17.1 A student shall be declared to be eligible for award of the B.Tech. degree, if he/she has registered and completed all the courses with a minimum P-grade scored in every course
- 17.2 Normally a student should complete all the requirements consecutively in 8 semesters (4 academic years) for the award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 16 consecutive semesters (8 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.
- 17.3 The students admitted in the lateral entry scheme should complete all the requirements consecutively in 6 semesters (3 academic years) for award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 12 consecutive semesters (6 academic years from the registration in 3rd semester) shall forfeit his / her enrolment to the program.
- 17.4 CGPA to Percentage (%) and Class Conversion is as follows:

S.No.	Division	Eligibility Criteria
1	First Division with Distinction	a) Student should secure CGPA > 8.0. b) Student should pass all the courses along with the batch of students admitted with him / her within 8 consecutive semesters (6 consecutive semesters for lateral entry students). c) Student who appeared for improvement examination upto 6th semester will also be considered. d) The failed candidate in any course shall not be awarded Distinction.
2	First Division	Student should secure CGPA, which is $6.5 < \text{CGPA} < 8.0$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).
3	Second Division	Student should secure CGPA, which is $5.0 < \text{CGPA} < 6.5$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).
4.	Pass Division	Student should secure CGPA, which is $4.0 < \text{CGPA} < 5.0$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).

17.4 The University will award degrees to the students who are evaluated and recommended by the Institute.

18. MALPRACTICE IN EXAMINATION

18.1 Malpractice in examination is an illegal activity and is prohibited.

18.2 Mobile phones are strictly prohibited in the examination hall.

18.3 Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.

18.4 Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.

18.5 Any malpractice or engaging in any improper conduct and violation of the examination code by the student during examinations is liable for the punishment as given below:

S. No.	Nature of Malpractice	S. No.	Punishment
1.	Taking help from others, consulting and or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices
2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall-Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant but not used	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed to be taken during that session (or) (iii) current examination

4.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant but used		-do-
7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

19 ROLL NUMBERS ALLOTMENT

The Roll Number given to the student shall have a total 8 digits as follows:

Ex: **B14CE108**

1. The first letter, to represent Bachelors (B.Tech.) degree programme. Ex: B for B.Tech. programme
2. The next two numerical, to represent the year in which the student admitted into I semester. Ex: 14 for 2014
3. The next two letters, to represent the concerned department to which the student belongs. Ex: CE for Civil Engineering
4. The last three numerical, to represent the three digit roll number of the student. In general, a **student with roll number "B14CE108"** represents a **B.Tech. student of Civil Engineering department admitted in the year 2014 bearing a roll number of 108.**

PG Evaluation Procedure (PRR-14)

10*. EVALUATION PROCEDURE

- 10.1 The evaluation of students performance in a course for all 2-year M.Tech. programme (4 semesters) is a continuous process and is based on their performance in different examinations as mentioned below:
- a) Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Mid-Semester Exams (MSE)** and **Teachers Assessment (TA)** through assignments.
 - b) Terminal, often designated as **End Semester Examination (ESE)** which includes a written examination for theory courses, practical, comprehensive viva-voce, dissertation examination with built-in oral part for laboratory / comprehensive viva-voce / dissertation courses.
- 10.2 A student's performance in a course (subject) shall be judged by taking into account the result of Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) together.
- 10.3 Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) shall have 40:60 weightage i.e. Continuous Internal Evaluation (CIE) carrying 40% weightage and End Semester Examination (ESE) carrying 60% weightage.
- 10.4 **Continuous Internal Evaluation (CIE) for Theory courses:**
- 10.4.1 The Continuous Internal Evaluation (CIE) throughout the semester shall consist of Teachers Assessment (TA) and Mid Semester Examination (MSE).
 - 10.4.2 For assigning marks in Teachers Assessment (TA), performance in assignments is to be considered. Teacher shall give at least 2 assignments per each unit of syllabus covering the entire contents of that unit.
 - 10.4.3 There shall be two mid semester examinations (MSE-I and MSE-II) of two hour duration for each course.

The average of the marks scored in MSE-I and MSE-II will be considered for evaluation under MSE. Hence, **it is mandatory for the student to take both the mid semester examinations.**
 - 10.4.4 The distribution given to each component of Continuous Internal Evaluation (CIE) for a theory course is given below:

S. No.	Particulars	Weightage
1.	Teacher's Assessment (TA) (Assignments)	15%
2.	Mid Semester Examination (MSE) (MSE-I & MSE-II)	25%
	Total Weightage:	40%

- 10.4.5 The marks obtained by the students in Mid Semester Examination (MSE) must be submitted to the Controller of Examination (CoE) the faculty within 10 days from the date of conduct of the examination.

*** Numbering is as per the Rules & Regulations of Postgraduate Programme (PRR-14)**

10.4.6 The scheduled dates for Mid Semester Examination (MSE) and End Semester Examination (ESE) will be declared by the CoE in consultation with the Dean, Academic Affairs.

10.5 End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each course. The ESE for a theory course shall carry 60% weightage.

10.6 Continuous Internal Evaluation (CIE) for Practical (Laboratory) Course:

10.6.1 Continuous Internal Evaluation (CIE) for practical course shall carry 40% Weightage.

10.6.2 The Continuous Internal Evaluation (CIE) throughout the semester shall consist of the following:

Assessment	Weightage
Regular Experimentation / Job work	10%
Regular submission of record	10%
Quiz / Skill Test at the end of semester	10%
Viva-voce at the end of semester	10%
Total Weightage	40%

10.7 End Semester Examination (ESE) for Practical (Laboratory) Course:

10.7.1 There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each practical course.

10.7.2 The End Semester Examination (ESE) for practical course shall carry 60% Weightage.

10.7.3 The marks distribution at End Semester Examination (ESE) shall be as follows:

Assessment	Weightage
Procedure / Experimentation / Tabulation / Result, as applicable	40%
Viva-voce	20%
Total Weightage	60%

10.8 The Department Post Graduate Review Committed (DPGRC) shall be constituted with HoD as a chairman, MBA co-ordinator as a Convener and Three to five other Faculty members representing various specializations in that particular programme as members.

10.9 Evaluation for Seminar:

10.9.1 There shall be only Continuous Internal Evaluation (CIE) for Seminar, which includes Report Submission & Presentation.

10.9.2 A teacher will be allotted to a student for guiding in
 (i) selection of topic
 (ii) report writing
 (iii) presentation (PPT) before the DPGRC

10.10 Evaluation for Comprehensive Viva-Voce:

There shall be only external oral examination for Comprehensive Viva-voce on a pre-notified date. The oral examination shall cover the entire content of courses covered in First and Second Semesters.

10.11 Evaluation for Industrial Training/Project Work:

10.11.1 A Student has to undergo practical training for a period of 06 weeks in a Corporate Enterprise during the first summer vacation. During the training period, the candidates should work on a specific problem related to the management and working of the organization. At the end of practical training, the student should obtain a certificate for receiving the training from the organization.

10.11.2 The student should prepare a Project Report under the supervision of a guide from the faculty of Management of the Institute.

10.12 Continuous Internal Evaluation (CIE) for Dissertation/Project Work:

10.12.1 Dissertation/Project work shall be normally conducted in two stages, spread over two sequential semesters i.e. third and fourth semester.

10.12.2 Registration Seminar shall be arranged within four weeks after completion of the Industrial Training and Seminar in the 3rd semester. The registration Seminar shall include a brief report and presentation focusing the identified topic, literature review, time schedule indicating the main tasks, and expected outcome.

10.12.3 **Progress Seminar-I:** At the end of first stage (third semester), a student shall be required to submit a preliminary report of work done for evaluation to the project coordinator and present the same before an Internal Project Evaluation Committee. The Continuous Internal Evaluation (CIE) for the seventh semester is as follows:

Assessment	Weightage
Dissertation/Project Report Supervisor Assessment	50%
DPGRC	50%
Total Weightage	100%

10.12.4 Progress Seminar-II shall be arranged during the 6th week of IV Semester.

10.12.5 Progress Seminar-III shall be arranged during the 15th week of IV Semester.

10.12.6 Synopsis Seminar shall be arranged two weeks before the final thesis submission date. The student shall submit a synopsis report covering all the details of the works carried out duly signed by the Dissertation/Project Supervisor.

10.12.7 At the end of second stage (fourth semester), student shall be required to submit two bound copies, one being for the department and other for the Dissertation/Project Report Supervisor. The dissertation/project report shall be evaluated by the DPGRC and

external examination shall be conducted on a pre-notified date.
The Dissertation evaluation for the fourth semester is as follows:

Assessment	Weightage
Dissertation/Project Supervisor Assessment	20%
DPGRC Assessment	20%
ESE (Presentation & Viva Voce)	60%
Total Weightage:	100%

11. MINIMUM REQUIREMENT FOR PASSING A COURSE:

- 11.1 **Theory Course:** A student is deemed to have passed in a theory course, if he / she secures
- 35 percent of marks assigned to End Semester Examination (ESE) and
 - 35 percent of marks assigned to the Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.
- 11.2 The average of the marks scored in both Mid Semester Examination (MSE) (as per the stipulated Regulation) will be considered for the evaluation under Mid Semester Examination (MSE).
- 11.3 **Laboratory Course:** A student is deemed to have passed in a laboratory course, if he / she secures
- 35 percent of marks assigned to End Semester Examination (ESE) and 35 percent of marks assigned to the Teachers Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

12. GRADING SYSTEM:

- 12.1 At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account his / her performance in Continuous Internal Evaluation (CIE) and End Semester Examination (ESE).
- 12.2 The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (Gi)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	4
Fail	F	0

- 12.3 F-Grade is a Fail Grade. The course in which the student has secured F-Grade will be termed as backlog Course.
- 12.4 In addition, there shall be a transitional M-grade.
- 12.5 M-Grade for “Debarred” due to indiscipline / malpractice during examination.
- 12.6 The Institute shall follow absolute grading system. The grades will be awarded as under:

Grade	Percentage Score (X)
S	$X \geq 90$
A	$80 \leq X < 90$
B	$70 \leq X < 80$
C	$60 \leq X < 70$
D	$45 \leq X < 60$
P	$35 \leq X < 45$
F	$X < 35$

- 12.7 For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade by following the guidelines given in 12.5.
- 12.8 A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$\text{SEMESTER GRADE POINT AVERAGE (SGPA)} = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

- 12.9 where ‘n’ is the no. of courses (subjects) offered (excluding mandatory courses) for the semester, ‘Ci’ is the credits allotted to a particular course, ‘Gi’ is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 12.2.
- 12.10 The SGPA would indicate the performance of the student in the semester to which it refers. SGPA will be rounded off to the second place of decimal and recorded as such.
- 12.11 Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:
- $$\text{CUMULATIVE GRADE POINT AVERAGE (CGPA)} = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$
- 12.12 where ‘m’ is the total number of courses (subjects) the student has been offered by the student from the first semester onwards upto and including the present semester, ‘Ci’ and ‘Gi’ are as explained in 12.7.
- 12.13 The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.

12.14 SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-grade credits are not included for calculation.

13. SUPPLEMENTARY EXAMINATIONS:

13.1 End Semester Examination (ESE) for each semester shall be conducted once in an academic year.

13.2 A student who obtained the F-grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.

13.3 However the marks secured in Continuous Internal Evaluation (CIE) by the student in that course during the semester study shall remain unaltered.

13.4 The students those who have passed in the supplementary examination will be awarded grade with '*' marked on the courses passed in the supplementary.

13.5 Any candidate appearing for ESE in any course, after 2 years from his admission, shall be governed by the syllabus in force.

14. CONDITIONS FOR PROMOTION:

14.1 A Student shall have to satisfy the attendance requirements for the semester (as per the regulation No.8) for promotion to the next higher semester.

15. GRADUATION REQUIREMENT

15.1 A student shall be declared to be eligible for award of the M.Tech. degree, if he/she has registered and completed all the courses with a minimum P-grade scored in every course

15.2 Normally a student should complete all the requirements consecutively in 4 semesters (2 academic years) for the award of M.Tech. degree. However, the students who fail to fulfill all the requirements for the award of M.Tech. degree within a period of 8 consecutive semesters (4 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.

15.3 CGPA to Percentage (%) and Class Conversion is as follows:

S.No.	Division	Eligibility Criteria
1	First Division with Distinction	a) Student should secure CGPA > 8.0. b) Student should pass all the courses along with the batch of students admitted with him / her within 8 consecutive semesters (6 consecutive semesters for lateral entry students). c) Student who appeared for improvement examination upto 6th semester will also be considered. d) The failed candidate in any course shall not be awarded Distinction.
2	First Division	Student should secure CGPA, which is $6.5 < CGPA < 8.0$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).
3	Second Division	Student should secure CGPA, which is $5.0 < CGPA < 6.5$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).

4.	Pass Division	Student should secure CGPA, which is $4.0 < CGPA < 5.0$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students).
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15.4 The University will award degrees to the students who are evaluated and recommended by the Institute.

16. MALPRACTICE IN EXAMINATION

16.1 Malpractice in examination is an illegal activity and is prohibited.

16.2 Mobile phones are strictly prohibited in the examination hall.

16.3 Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.

16.4 Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.

16.5 Any malpractice or engaging in any improper conduct and violation of the examination code by the student during examinations is liable for the punishment as given below:

S. No.	Nature of Malpractice	S. No.	Punishment
1.	Taking help from others, consulting and or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices
2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall-Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant but not used	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed to be taken during that session (or) (iii) current examination

4.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant but used		-do-
7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

17 ROLL NUMBERS ALLOTMENT

The Roll Number given to the student shall have a total 8 digits as follows:

Ex: **M14SC007**

- 17.1 The first letter, to represent Masters (M.Tech.) degree programme. Ex: M for Masters programme
- 17.2 The next two numerical, to represent the year in which the student admitted into I semester. Ex: 14 for 2014
- 17.3 The next two letters, to represent the concerned specialization to which the student belongs. Ex: SC for Structural & Construction Engineering
- 17.4 The last three numerical, to represent the three digit roll number of the student.

In general, a student with roll number “P14SC007” represents a Masters student with a specialization of Structural & Construction Engineering admitted in the year 2014 bearing a roll number of 007.

UG Evaluation Procedure (URR-18)

10*. EVALUATION PROCEDURE

10.1 The evaluation of students in every course of 4-year B.Tech. programme (8 semesters) and Lateral Entry students of B.Tech. programme (6 semesters), is a continuous process and is based on their performance in different examinations as mentioned below:

- a) Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Teachers Assessment (TA)** through assignments and **Mid-Semester Examinations (MSE)**
- b) Terminal, often designated as **End Semester Examination (ESE)** which includes written examination for theory courses and practical/ design/ drawing examination with built-in oral part for laboratory/ design / drawing courses.

10.2 A student's performance in a course (subject) shall be judged by taking into account the result of CIE and ESE together.

10.3 CIE and ESE shall have 40:60 weightage i.e. CIE carrying 40% weightage and ESE carrying 60% weightage.

10.4 **Continuous Internal Evaluation (CIE) for Theory Course:**

10.4.1 CIE throughout the semester shall consist of TA and MSE.

10.4.2 The distribution given to each component of CIE for a theory course is given below:

S. No.	Particulars	Weightage
1.	Teacher's Assessment (TA) (Assignments)	10%
2.	Mid Semester Examination (MSE) (MSE-I & MSE-II)	30%
Total Weightage		40%

10.4.3 **TA:** a) There shall be 2 Assignments and 2 Minor exams (Quiz/Slip test, etc.) for each course at regular intervals of time

b) Minor-I shall be based on Unit-I syllabus

Minor-II shall be based on Unit-III syllabus

Assignment-I shall be based on Unit-I & Unit-II syllabi and to be submitted before MSE-I.

Assignment-II shall be based on Unit-III & Unit-IV syllabi and to be submitted before MSE-II.

c) Average of Assignment-I, Assignment-II, Minor-I and Minor-II marks shall be taken under TA

10.4.4 **MSE:** a) There shall be two mid semester examinations (MSE-I and MSE-II) of two hour duration each.

b) It is mandatory for the student to take both MSEs

c) MSE evaluation shall be done as given below:

$$\begin{aligned} \text{MSE marks awarded} &= (70\% \text{ of the best of MSE-I \& MSE-II marks}) \\ &+ (30\% \text{ of the other MSE marks}) \end{aligned}$$

Ex: A student secured following marks

MSE-I marks : 10 out of 30

MSE-II marks : 20 out of 30

$$\text{MSE marks awarded} = (70\% \text{ of } 20) + (30\% \text{ of } 10) = 14 + 3 = 17$$

10.4.5 The marks obtained by the students in MSE must be submitted to the Controller of Examination (CoE) by the teachers within 1 week from the date of conduct of the examination.

10.4.6 The dates for MSE and ESE will be declared by the CoE in consultation with the Dean, Academic Affairs.

10.5 End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each course.

10.6 Continuous Internal Evaluation (CIE) for Practical (Laboratory) Course:

10.6.1 CIE for practical course shall carry 40% weightage.

10.6.2 CIE throughout the semester shall consist of the following:

Assessment	Weightage
Regular Experimentation / Job work and Viva-voce	20%
Regular submission of record	10%
Quiz / Skill test / Viva-voce at the end of semester	10%
Total Weightage	40%

10.7 End Semester Examination (ESE) for Practical (Laboratory) Course:

10.7.1 There shall be an ESE at the end of each semester for three hour duration for each practical course.

10.7.2 The ESE for practical course shall carry 60% weightage.

10.7.3 The marks distribution at ESE shall be as follows:

Assessment	Weightage
Procedure / Experimentation / Tabulation / Result, as applicable ...	45%
Viva-voce	15%
Total Weightage	60%

10.8 Continuous Internal Evaluation (CIE) for Seminar & Mini Project :

10.8.1 Seminar:

a) The HoD shall constitute a *Departmental Seminar Evaluation Committee(DSEC)*

b) DSEC shall allot a faculty supervisor to each student for guiding on

(i) Selection of topic (ii) Literature survey and work to be carried out

(iii) Preparing a report in proper format and (iv) effective seminar presentation

c) There shall be only continuous Internal Evaluation (CIE) for seminar

d) The CIE for seminar is as follows:

Assessment	Weightage
Seminar Supervisor Assessment	20%
Seminar Report	30%
DSEC Assessment: Oral presentation (PPT) and viva-voce	50%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva-voce to qualify for course evaluation.

e) The candidate has to register the Seminar as supplementary examination in the following cases:

i) he/she is absent for oral presentation and viva-voce

ii) he/she fails to submit the report in prescribed format

iii) he/she fails to fulfil the requirements of seminar evaluation as per specified guidelines

f) i) The CoE shall send a list of candidates registered for supplementary to the HoD concerned

ii) The DSEC, duly constituted by the HoD, shall conduct Seminar evaluation and send the award list to the CoE within the stipulated time

10.8.2 **Mini Project:** a) The HoD shall constitute a *Departmental Mini Project Evaluation Committee (DMPEC)*

b) Every student shall take up independent Mini project on innovative ideas. However, wherever not feasible a group of 2 to 4 students shall be allowed to take up mini project. The *DMPEC* shall take a decision on number of students in a group.

c) *DMPEC* shall allot a faculty supervisor to each group for guiding on (i) selection of topic (ii) literature survey and work to be carried out (iii) preparing a report in proper format and (iv) effective mini project oral presentation.

d) There shall be only continues Internal Evaluation (CIE) for mini Project

e) The CIE for mini project is as follows:

Assessment	Weightage
Mini project Supervisor Assessment	20%
Working model developed under mini project	40%
Final Report on mini project	20%
<i>DMPEC</i> Assessment: <i>Oral presentation (PPT) and viva-voce</i>	20%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva- voce to qualify for course evaluation.

f) The candidate has to register the Mini project as supplementary examination in the following cases:

i) he/she is absent for oral presentation and viva-voce

ii) he/she fails to submit the report in prescribed format

iii) he/she fails to fulfil the requirements of Mini project evaluation as per specified guidelines.

g) i) The CoE shall send a list of candidates registered for supplementary to the HoD concerned.

ii) The *DMPEC* duly constituted by the HoD, shall conduct Mini project evaluation and send the award list to the CoE within the stipulated time.

Evaluation for Major Project Work:

10.9.1 Major Project work shall be normally conducted in two stages: Major project work. *Phase-I* in seventh semester and Major project work *Phase-II* in eighth semester

10.9.2 **Major Project Phase-I:** a) The HoD shall constitute a *Departmental Project Evaluation Committee (DPEC)*

b) There shall be only continuous Internal Evaluation (CIE) for Major Project *Phase-I*

c) CIE for the Major Project *Phase-I* in seventh semester is as follows:

Assessment	Weightage
Project Supervisor Assessment	50%
<i>DPEC</i> Assessment: <i>Registration Presentation, Progress presentation-I, Report submission, Oral presentation (PPT) and Viva-voce</i>	50%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva- voce to qualify for course evaluation.

- d) The candidate has to register the Major Project *Phase-I* as supplementary examination in the following cases:
- i) he/she is absent for oral presentation and viva-voce
 - ii) he/she fails to submit the report in prescribed format
 - iii) he/she fails to fulfil the requirements of Major Project *Phase-I* evaluation as per specified guidelines
- e) i) The CoE shall send a list of candidates registered for supplementary to the HoD concerned
- ii) The *DPEC* duly constituted by the HoD, shall conduct Major Project *Phase-I* evaluation and send the award list to the CoE within the stipulated time
- 10.9.3 **Major Project Phase-II:** a) Student has to continue the Major Project work in eighth semester as Major Project Work *Phase-II*
- b) The evaluation for Major Project work *Phase-II* is as follows:

Assessment	Weightage
Project Supervisor Assessment	30%
<i>DPEC</i> Assessment: <i>Progress presentation-II, Final presentation & Viva-voce and Final Project Report</i>	30%
End Semester Examination: <i>Oral presentation (PPT) & Viva-voce</i>	40%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva- voce to qualify for course evaluation.

- c) *DPEC* shall decide the course of action on the students, who fail to complete the Major Project work *Phase-II*, submit final project report and give oral (PPT) Presentation

10.10 Evaluation for Internship:

10.10.1 The students shall undergo 6-8 weeks internship during summer/winter vacation at industry/R&D organization / Academic Institutes like IITs & NITs

10.10.2 The students preferably shall undergo internship at one organization only. In case of any difficulty, the stipulated period of internship shall be completed at different organizations with minimum of one week internship at every stage

10.10.3 The internship evaluation shall be done in the VII semester of study and hence the students shall complete the prescribed period of internship before start of VII semester (from end of II semester to commencement of VII semester)

10.10.4 The internship evaluation shall be done by *Departmental Project Evaluation Committee (DPEC)* based on the submitted report by student and oral presentation

10.11 Evaluation of MOOCs:

10.11.1 a) **SWAYAM-MOOCs:** Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy and made available on the SWAYAM (Study Web of Active-learning by Young and Aspiring Minds) platform of *Government of India*.

b) **SWAYAM** shall notify to all Institutions, on 1st June, 1st November every year, the list of online learning courses going to be offered in the forth coming semester.

10.11.2 a) The student shall be allowed to register for MOOCs courses for the

designated Professional electives and Open electives mentioned in the curriculum.

b) The student shall select a relevant MOOCs course carrying 3 credits.

10.11.3 The Institutional MOOCs coordinator with the help of departmental MOOCs coordinator shall guide the students throughout the course.

10.11.4 **Evaluation and Certification of MOOCs:** a) The Principal Investigator (PI) shall be a subject matter expert (SME) belonging to a reputed educational institution, called Host Institution.

b) The host Institution and PI shall be responsible for evaluating the registered students for MOOCs course.

c) After conduct of examination and completion of the evaluation, the PI through host institution shall award Marks/Grade as per the evaluation scheme announced.

10.11.5 **Credit Mobility of MOOCs:**

a) Institution shall allow the credit mobility for the courses earned through MOOCs.

b) A certificate regarding successful completion of the MOOCs courses shall be issued through host Institution and sent to the parent institution.

c) The parent institution shall give equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the programme.

10.11.6 In case the student is unable to complete the MOOCs course, he/she shall be allowed to select one of courses listed under respective PE/OE offered at institute/department concerned and appear for supplementary examination. In such case, the student is deemed to have passed the course, if he/she scores minimum 35% of maximum marks allotted to the course in the registered supplementary ESE only (i.e. 35 marks out of 60 in ESE)

11. MINIMUM REQUIREMENT FOR PASSING A COURSE

11.1 **Theory Course:** A student is deemed to have passed in a theory course, if he / she secures

- (a) 35 percent of marks assigned to End Semester Examination (ESE) and
- (b) 35 percent of marks assigned to the Mid Semester Examination (MSE) & End Semester Examination (ESE) of the course taken together and
- (c) 35 percent of marks assigned to Teacher's Assessment (TA), Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.

11.2 The marks assigned to MSE will be considered as per the Regulation no. 10.4.4

11.3 **Laboratory Course:** A student is deemed to have passed in a laboratory course, if he / she secures

- (a) 35 percent of marks assigned to End Semester Examination (ESE) **and**
- (b) 35 percent of marks assigned to the Teacher's Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

12. GRADING SYSTEM

12.1 At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account the total marks secured (X) in that course.

where, X = Marks secured in CIE + Marks secured in ESE

12.2 For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade following the guidelines given in 12.3 below.

12.3 The Institute shall follow absolute grading system. The grades will be awarded to each course as under:

Grade	Total Marks Secured (X)
S	$X \geq 90$
A	$80 \leq X < 90$
B	$70 \leq X < 80$
C	$60 \leq X < 70$
D	$45 \leq X < 60$
P	$35 \leq X < 45$
F	$X < 35$

12.4 The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (G _i)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	4
Fail	F	0

12.5 **F-Grade** is a Fail Grade. The course in which the student has earned F-Grade will be termed as backlog course.

12.6 In addition, there shall be a transitional **M-Grade**. M-Grade for “Debarred” due to indiscipline / malpractice during examination.

12.7 A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$SGPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where ‘n’ is the no. of courses (subjects) offered (excluding mandatory non-credit courses) for the semester, ‘C_i’ is the credits allotted to a particular course, ‘G_i’ is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 12.4.

12.8 The SGPA would indicate the performance of the student in the semester to which it refers. SGPA will be rounded off to the second place of decimal and recorded as such.

12.9 Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:

$$\text{CGPA} = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$

where 'm' is the total number of courses (subjects) the student has been offered from the first semester onwards upto and including the present semester, 'C_i' and 'G_i' are as explained in 12.7.

12.10 The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.

12.11 SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-Grade credits are not included for calculation.

13. SUPPLEMENTARY EXAMINATIONS

13.1 A student who obtained the F-Grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.

13.2 However the marks secured in Continuous Internal Evaluation (CIE) by the student in that course during the semester study shall remain unaltered.

13.3 The students those who have passed in the supplementary examination will be awarded grade with "*" marked on the courses passed in the supplementary.

13.4 **Makeup Examination for VIII semester courses:**

Makeup Examination for the students having backlog courses at VIII semester of 4th year B.Tech. programme shall be conducted immediately after the release of VIII semester regular examinations result.

14. CONDITIONS FOR PROMOTION

14.1 A student shall have to satisfy the attendance requirements for the semester (as per the Regulation No. 8) for promotion to the next higher semester. In addition,

- a) for promotion to the fifth semester, a student should not have more than four backlogs in the first and second semesters taken together.
- b) for promotion to the seventh semester, a student should not have more than four backlogs in the courses of first to fourth semester taken together.
- c) the grade (marks) secured in mandatory non-credit courses will not be counted for the purpose of backlogs. However, a minimum P-Grade is compulsory in those courses for the award of the degree.

15. IMPROVEMENT EXAMINATION

15.1 Students who wish to improve their SGPA / CGPA are permitted for SGPA / CGPA improvement only for theory courses. The student may opt to re-appear all the courses of a semester at the immediately succeeding End Semester Examination (ESE) for improving his / her grades. However, the students should clear all the courses of a particular semester in which he / she intends to take an improvement examination.

- 15.2 Further, when once the student appears for the improvement examination he / she shall forego the grades secured in the earlier End Semester Examination (ESE) in the whole set of courses prescribed for that semester. However, the marks secured in Continuous Internal Evaluation (CIE) by the student in those courses during the semester study shall remain unaltered.
- 15.3 Students those who have re-appeared for improvement will be awarded grade with '\$' marked on the courses appeared for improvement examination. '\$' will state the grade improvement. Such improved grades will not be counted for the award of Prizes, Medals and Rank.
- 15.4 However, the students who register for improvement examinations and wish to drop from appearing the examinations, by written application to the CoE, before commencement of examinations, shall be permitted to retain their earlier grades.

16. GRADUATION REQUIREMENT

- 16.1 A student shall be declared to be eligible for award of the B.Tech. degree, if he / she has registered and completed all the courses with a minimum P-grade scored in every course
- 16.2 Normally a student should complete all the requirements consecutively in 8 semesters (4 academic years) for the award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 16 consecutive semesters (8 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.
- 16.3 The students admitted in the lateral entry scheme should complete all the requirements consecutively in 6 semesters (3 academic years) for award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 12 consecutive semesters (6 academic years from the registration in 3rd semester) shall forfeit his / her enrolment to the program.
- 16.4 a) CGPA to Percentage conversion: As per UGC and AICTE guidelines, the CGPA will be converted to percentage of marks as below:
 Percentage of marks = $(\text{CGPA} - 0.75) \times 10$
 Ex: If CGPA is 6.75, the equivalent Percentage of marks = $(6.75 - 0.75) \times 10 = 60\%$
- b) CGPA to Class conversion:

S. No.	Division	Eligibility Criteria
1	First Division with Distinction	a) Student should secure $\text{CGPA} \geq 7.75$ b) Student should pass all the courses along with the batch of students admitted with him / her within 8 consecutive semesters (6 consecutive semesters for lateral entry students) c) Student who appeared for improvement

		examination upto 6 th semester will also be considered d) Student who have cleared any course in supplementary examination shall not be awarded Distinction
2	First Division	a) Student should secure CGPA, which is $6.75 \leq \text{CGPA} < 7.75$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students) b) Student who have cleared any course in supplementary examination and secured $\text{CGPA} \geq 6.75$
3	Second Division	Student should secure CGPA, which is $5.75 \leq \text{CGPA} < 6.75$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students)
4.	Pass Division	Student should secure CGPA, which is $4.25 \leq \text{CGPA} < 5.75$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students)

16.5 The University will award degrees to the students who are evaluated and recommended by the Institute.

17. MALPRACTICE IN EXAMINATION

17.1 Malpractice in examination is an illegal activity and is prohibited.

17.2 Mobile phones are strictly prohibited in the examination hall.

17.3 Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.

17.4 Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.

17.5 Any malpractice or engaging in any improper conduct and violation of the examination code by the student during examinations is liable for the punishment as given below:

S. No.	Nature of Malpractice	S. No.	Punishment
1.	Taking help from others, consulting and or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices

2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall-Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant <u>but not used</u>	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed to be taken during that session (or) (iii) current examination
4.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant <u>but used</u>		-do-

7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

PG Evaluation Procedure (PRR-20)

10. EVALUATION PROCEDURE

The evaluation of students in every course of 2-year M.Tech. programme (4 semesters) is a continuous process and is based on their performance in different examinations as mentioned below:

- Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Teachers Assessment (TA)** through assignments, course research papers, course patents, course presentation (with PPT), Minor and **Mid-Semester Examinations (MSE)**
- Terminal often designated as **End Semester Examination (ESE)** which includes written examination for theory courses and practical/ dissertation courses.

A student's performance in a course (subject) shall be judged by taking into account the result of Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) together.

Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) shall have 60:40 weightage i.e. CIE carrying 60% weightage and ESE carrying 40% weightage.

Continuous Internal Evaluation (CIE) for Theory Course:

Continuous Internal Evaluation (CIE) throughout the semester shall consist of Innovation Incubation Research and Entrepreneurship-Teachers Assessment (I2RE - TA) and Mid Semester Examination (MSE).

The distribution given to each component of CIE for a theory course is given below:

S.No.	Particulars	Weightage
1.	Innovation Incubation Research and Entrepreneurship- Teachers Assessment (I2RE -TA)	30%
2.	Minor Examination (M-I & M-II)	10%
3.	Mid Semester Examination (MSE) (MSE-I & MSE-II)	20%
Total Weightage		60%

Teachers Assessment (TA):

- a) There shall be two Assignments, Special Assignments consisting of two CRPs & two CPs and one Course Presentation for each course at regular intervals of time
- b) Assignment-I shall be based on Unit-I & Unit-II syllabi and to be submitted before MSE-I, Assignment-II shall be based on Unit-III & Unit-IV syllabi and to be submitted before MSE-II and average of Assignment-I and Assignment-II marks shall be taken under TA
- c) Each special assignment (CRP-I, CP-I, CRP-II and CP-II) has to submit two page summary report.
- d) Course Presentation can be on CRP-I/ CP-I/ CRP-II/ CP-II/ Course Project/Business Idea.

Minor Examination:

- a) There shall be two minor examinations (M-I and M-II) of one hour duration each.
- b) Minor-I shall be based on Unit-I syllabus, Minor-II shall be based on Unit-III syllabus.
- c) Average of Minor-I and Minor-II marks shall be taken under TA.

Mid Semester Examination (MSE):

- a) There shall be two mid semester examinations (MSE-I and MSE-II) of two hour duration each.
- b) It is mandatory for the student to take both MSEs
- c) MSE evaluation shall be done as given below:

MSE marks awarded = (70% of the best of MSE-I & MSE-II marks) + (30% of the other MSE marks)

Ex: A student secured following marks

MSE-I marks : 10 out of 20 MSE-II marks : 20 out of 20

MSE marks awarded = (70% of 20) + (30% of 10) = 14 + 3 =17

The marks obtained by the students in MSE must be submitted to the Controller of Examination (CoE) by the teachers within 1 week from the date of conduct of the examination.

The dates for MSE and ESE will be declared by the CoE in consultation with the Dean, Academic Affairs.

End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each course.

Continuous Internal Evaluation (CIE) for Practical (Laboratory) Course:

Continuous Internal Evaluation (CIE) for practical course shall carry 60% weightage.

The Continuous Internal Evaluation (CIE) throughout the semester shall consist of the following:

Assessment	Weightage
Regular Experimentation / Job work	15%
Regular submission of record	15%
Quiz / Skill test / Viva-voce at the end of semester	15%
Viva-voce at the end of semester	15%
Total Weightage	60%

End Semester Examination (ESE) for Practical (Laboratory) Course:

There shall be an ESE at the end of each semester for three hour duration for each practical course.

The ESE for practical course shall carry 40% weightage.

The marks distribution at ESE shall be as follows:

Assessment	Weightage
Procedure/Experimentation/Tabulation/Result. as applicable	30%
Viva-voce at the end of semester	10%
Total Weightage	40%

The weightage to different components under CIE carrying 60% weightage and ESE carrying 40% weightage is as below:

PRR – 20 (Continuous Internal Evaluation)			Marks	Minimum marks	
MSE – 1	20 Marks	<i>(70% of the best of MSE-I & MSE-II marks)+ (30% of the other MSE marks)</i>	20 Marks	07/20	
MSE – 2	20 Marks				
Minor – 1	10 Marks	<i>Average of M-I & M-II marks</i>	10 Marks	04/10	
Minor – 2	10 Marks				
Assignment – 1	8 Marks	<i>Average of A-I & A-II marks</i>	08 Marks		
Assignment – 2	8 Marks				
Special Assignments	CRP-I	04 Marks	04 Marks	10/30	
					<i>Two page summary Report on course research paper – I</i>
	CRP-II	04 Marks			<i>Two page summary Report on course research paper - II</i>
	CP-I	04 Marks	04 Marks		
			<i>Two page summary Report on course patent - I</i>		
	CP-II	04 Marks	04 Marks		
			<i>Two page summary Report on course patent - II</i>		
CRP or CP Presentation	06 Marks	<i>PPT Presentation and viva voce (CRP or CP)</i>	06 Marks		
PRR-20 End Semester Examination (ESE)			40	14/40	
Total			100 Marks	35/100	

Continuous Internal Evaluation (CIE) for Mini Project with Seminar:

- (i) The *Post Graduate Mini Project Evaluation Committee (PGMPEC)* shall be constituted with HoD as a Chairman, M.Tech. Coordinator as a Convener and three to five other faculty members representing various specializations in that particular programme as members.
- (ii) Student has to take up independent mini project on innovative ideas, innovative solutions to common problems using their knowledge relevant to courses offered in their program of study, which would supplement and complement the program assigned to each student.
- (iii) PGMPEC shall allot a faculty supervisor to each student for guiding on
- Selection of topic
 - Literature survey and work to be carried out
 - Preparing a report in proper format
 - Right conduct of research and academic activity to promote academic integrity
 - Use of anti-plagiarism software to detect plagiarism in the report and submission of Mini project report within acceptable plagiarism levels
 - Effective mini project oral presentation before the PGMPEC
- There shall be only Continuous Internal Evaluation (CIE) for seminar
- (iv) The CIE for mini project is as follows:

Assessment	Weightage
Mini project Supervisor Assessment	20%
PGMPEC Assessment:	80 %
(i) Registration presentation (10%)	
(ii) Working model / process / software package / system developed (20%)	
(iii) Mini project report (20%)	
(iv) Mini project paper (10%)	
(v) Mini project video pitch (10%)	
(vi) Final presentation (with PPT) and viva-voce (10%)	
Total Weightage:	100%

Note: It is mandatory for the student to

- appear for final presentation (with PPT) and viva-voce to qualify for course evaluation
 - write mini project paper in given journal format
 - create a good video pitch to present mini project
- (a) **Mini Project Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals/Technical Magazines on the topics of potential interest

- (b) **Working Model:** Each student is required to develop a working model/ process/ software package /system on the chosen work and demonstrate before the *PGMPEC* as per the dates specified by *PGMPEC*
 - (c) **Mini Project Report:** Each student is required to submit a well-documented mini project report as per the format specified by *PGMPEC*
 - (d) **Anti-Plagiarism Check:** The mini project report should clear plagiarism check as per the Anti-Plagiarism policy of the institute
 - (e) **Presentation:** Each student should prepare PPT with informative slides and make an effective oral presentation before the *PGMPEC* as per the schedule notified by the department
 - (f) **Video Pitch:** Each student should create a pitch video, which is a video presentation on his / her mini project. Video pitch should be no longer than 5 minutes by keeping the pitch concise and to the point, which shall also include key points about his / her business idea / plan (*if any*) and social impact
- (v) The student has to register for the Mini project as supplementary examination in the following cases:
- (a) he/she is absent for oral presentation and viva-voce
 - (b) he/she fails to submit the report in prescribed format
 - (c) he/she fails to fulfill the requirements of Mini project evaluation as per specified guidelines
- (vi) (a) The CoE shall send a list of students registered for supplementary to the HoD concerned
- (b) The *PGMPEC*, duly constituted by the HoD, shall conduct Mini project evaluation and send the award list to the CoE within the stipulated time

Evaluation for Dissertation / Industrial Project:

Dissertation work shall be normally conducted in two stages: Dissertation *Phase-I* in third semester and Dissertation *Phase-II* in fourth semester.

Dissertation *Phase-I*:

- (i) The Department *Post Graduate Review Committee (DPGRC)* shall be constituted with HoD as a Chairman, M.Tech. Coordinator as a Convener and three to five other faculty members representing various specializations in that particular programme as members.
- (ii) (a) Student shall take up independent Dissertation *Phase-I* on innovative ideas, innovative solutions to common problems using their knowledge relevant to courses offered in their programme of study, which would supplement and complement the program assigned to each student

(or)

- (b) Student shall take up industrial project (in any industry) relevant to the courses offered in their programme of study, which would supplement and complement the program assigned to each student
- (iii) DPGRC shall allot a faculty supervisor to each student for guiding on
- selection of topic
 - literature survey and 50% work to be carried out during phase-I
 - preparing a report in proper format and
 - effective Dissertation Phase-I oral presentation before the DPGRC
 - right conduct of research and academic activity to promote academic integrity
 - use of anti-plagiarism software to detect plagiarism in the report and submission of Mini project report within acceptable plagiarism levels
- (iv) In case of students with industrial projects, internal guide shall be there to track the progress from time to time
- (v) There shall be only Continuous Internal Evaluation (CIE) for Dissertation Phase-I
- (vi) CIE for the Dissertation Phase-I in third semester is as follows:

Assessment	Weightage
Dissertation Phase-I Supervisor Assessment	50%
DPGRC Assessment:	
(i) Registration Presentation (10%)	
(ii) Progress Report on Phase-I (10%)	
(iii) Video pitch on Phase-I (10%)	
(iv) Progress Presentation -I and viva voce (20%)	
Total Weightage:	100%

Note: It is mandatory for the student to

- appear for progress presentation-I and viva voce to qualify for course evaluation
 - create a good video pitch on dissertation phase-I
- (a) **Dissertation Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals/Technical Magazines on the topics of potential interest
- Working Model:** Each student is required to develop a working model/ process/software package/system, on the chosen work and demonstrate before the DPGRC as per the dates specified by DPGRC at the end of dissertation phase-II
 - Progress Report:** Each student is required to submit a well-documented progress report on dissertation phase-I as per format specified by DPGRC
- (vii) The student has to register for the Dissertation Phase-I as supplementary examination in the following cases:

- (a) he/she is absent for oral presentation and viva-voce
 (b) he/she fails to submit the report in prescribed format
 (c) he/she fails to fulfill the requirements of Dissertation Phase-I evaluation as per specified guidelines
- (viii) (a) The CoE shall send a list of students registered for supplementary to the HoD concerned
- (b) The DPGRC, duly constituted by the HoD, shall conduct Dissertation Phase-I evaluation and send the award list to the CoE within the stipulated time

Dissertation Phase-II:

- (i) Student has to continue the Dissertation work in 4th semester as Dissertation Phase-II
- (ii) There shall be Continuous Internal Evaluation (CIE) for 60 marks and End Semester Examination for 40 marks.
- (iii) The evaluation for Dissertation Phase-II is as follows:

Assessment	Weightage
Dissertation Supervisor Assessment (10%) DPGRC Assessment:	60%
(i) Progress presentation -II (10%)	
(ii) Progress presentation -III (10%)	
(iii) Working model/process/software package/system developed (10%)	
(iv) Dissertation Video pitch (10%)	
(v) Dissertation Paper (10%)	40%
End Semester Examination:	
(i) Dissertation Report (20%)	40%
(ii) Oral presentation (with PPT) and viva-voce (20%)	
Total Weightage:	100%

Note: It is mandatory for the student to

- (i) appear for oral presentation (with PPT) and viva-voce to qualify for course evaluation
- (ii) write dissertation paper in given journal format
- (iii) create a good video pitch on dissertation phase-I & II
- (a) **Working Model:** Each student is required to develop a working model/process/system on the chosen work and demonstrate before the DPGRC as per the dates specified by DPGRC at the end of dissertation phase-II
- (b) **Dissertation Report:** Each student is required to submit a well-documented dissertation report as per the format specified by DPGRC
- (c) **Anti-Plagiarism Check:** The dissertation report should clear plagiarism check as per the Anti-Plagiarism policy of the institute
- (d) **Presentation:** Each student should prepare PPT with informative slides and make an effective oral presentation before the DPGRC as per the schedule notified by the department
- (e) **Video Pitch:** Each student should create a pitch video, which is a video presentation on his / her dissertation Phase-I & II. Video pitch should be no longer than 5 minutes by keeping the pitch concise and to the point, which shall also include key points about his / her business idea / plan (if any) and social impact

(iv) Dissertation Synopsis Presentation (DSP):

- (a) Students, with the consent of supervisor, shall apply to the DPGRC for conduct of dissertation synopsis presentation (DSP). This shall normally happen when the supervisor feels that the student has done significant work to qualify for M.Tech. dissertation.
- (b) Those students who clear DSP shall only be allowed to submit the dissertation report for end semester examination

(v) Dissertation Report:

After clearing DSP, student shall be required to submit two bound copies of dissertation report, one for the department and other for the Dissertation Supervisor. The Dissertation report shall be evaluated by the DPGRC and external examination shall be conducted on a pre-notified date.

Evaluation for Internship:

- (i) The students shall undergo 6-8 weeks internship during summer/winter vacation at industry/R&D organization / Academic Institutes like IITs & NITs.
- (ii) The students preferably shall undergo internship at one organization only. In case of any difficulty, the stipulated period of internship shall be completed at different organizations with minimum of two weeks internship at every stage.
- (iii) The internship evaluation shall be done in the III semester of study and hence the students shall complete the prescribed period of internship before start of III semester (from end of I semester to commencement of III semester).
- (iv) The internship evaluation shall be done by *Department Post Graduate Evaluation Committee (DPGRC)*.
- (v) There shall be only Continuous Internal Evaluation (CIE) for Internship Evaluation
- (vi) CIE for the Internship in third semester is as follows:

Assessment	Weightage
Internship Supervisor"s Evaluation: <i>a) Completion of Internship Assignment (10%)</i> <i>b) Quality of work in completing the Internship Assignment (10%)</i> <i>c) Attendance, punctuality and work hours (10%)</i>	30%
DPGRC Assessment: <i>a) Duration (8 /6 weeks) (15% / 10%)</i> <i>b) Internship Report (35%)</i> <i>c) Oral Presentation (with PPT) and viva voce (20%)</i>	70%
Total Weightage:	100%

Note: It is mandatory for the student to

- (i) appear for oral presentation (with PPT) and viva voce to qualify for course evaluation

(a) Internship Report: Each student is required to submit a well-documented internship report as per format specified by DPGRC

(b) Anti-Plagiarism Check: The internship report should clear plagiarism check as per the Anti-Plagiarism policy of the institute

Presentation: Each student should prepare PPT with informative slides and make an effective oral presentation before the DPGRC as per the schedule notified by the department

Evaluation of MOOCs:

- a) **SWAYAM-MOOCs:** Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy and made available on the SWAYAM (Study Web of Active-learning by Young and Aspiring Minds) platform of Government of India
- b) **SWAYAM** shall notify to all Institutions, on 1st June, 1st November every year, the list of online learning courses going to be offered in the forth coming semester.
- c) The student shall be allowed to register for MOOCs courses for the designated Professional electives and Open electives mentioned in the curriculum.
- d) The student shall select a relevant MOOCs course carrying 3 credits.
- e) The Institutional MOOCs coordinator with the help of departmental MOOCs coordinator shall guide the students throughout the course.

Evaluation and Certification of MOOCs:

- a) The Principal Investigator (PI) shall be a subject matter expert (SME) belonging to a reputed educational institution, called Host Institution
- b) The host Institution and PI shall be responsible for evaluating the registered students for MOOCs course
- c) After conduct of examination and completion of the evaluation, the PI through host institution shall award Marks/Grade as per the evaluation scheme announced.

Credit Mobility of MOOCs:

- a) Institution shall allow the credit mobility for the courses earned through MOOCs.
- b) A certificate regarding successful completion of the MOOCs courses shall be issued through host Institution and sent to the parent institution.
- c) The parent institution shall give equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the programme.

In case the student is unable to complete the MOOCs course, he/she shall be allowed to select one of courses listed under respective PE/OE offered at institute/department concerned and appear for supplementary examination. In such case, the student is deemed to have passed the course, if he/she scores minimum 35% of maximum marks allotted to the course in the registered supplementary ESE only (i.e. 35 marks out of 60 in ESE).

11. MINIMUM REQUIREMENT FOR PASSING A COURSE

Theory Course: A student is deemed to have passed in a theory course, if he / she secures

- a) 35 percent of marks assigned to End Semester Examination (ESE) **and**
- b) 35 percent of marks assigned to the Mid Semester Examination (MSE) & End Semester Examination (ESE) of the course taken together **and**
- c) 35 percent of marks assigned to Teacher"s Assessment (TA), Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.

The marks assigned to MSE will be considered as per the Regulation no. 10.4.4

Laboratory Course: A student is deemed to have passed in a laboratory course, if he / she secures

- a) 35 percent of marks assigned to End Semester Examination (ESE) **and**
- b) 35 percent of marks assigned to the Teachers Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

12. GRADING SYSTEM

At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account the total marks secured (X) in that course where, X = Marks secured in CIE + Marks secured in ESE

For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade following the guidelines given in 12.3 below.

The Institute shall follow absolute grading system. The grades will be awarded to each course as under:

Grade	Total Marks Secured (X)
S	$X \geq 90$
A	$80 \leq X < 90$
B	$70 \leq X < 80$
C	$60 \leq X < 70$
D	$45 \leq X < 60$
P	$35 \leq X < 45$
F	$X < 35$

The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (Gi)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	4
Fail	F	0

F-Grade is a Fail Grade. The course in which the student has earned F-Grade will be termed as backlog course.

In addition, there shall be a transitional **M-Grade**. M-Grade for "Debarred" due to indiscipline / malpractice during examination.

A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$SGPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where „n“ is the no. of courses (subjects) offered (excluding mandatory non-credit courses) for the semester „Ci“ is the credits allotted to a particular course, „Gi“ is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 12.4.

The SGPA would indicate the performance of the student in the semester to which it refers. SGPA will be rounded off to the second place of decimal and recorded as such.

Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:

$$CGPA = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$

where „m“ is the total number of courses (subjects) the student has been offered from the first semester onwards upto and including the present semester, „Ci and „Gi“ are as explained in 12.7.

The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.

SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-Grade credits are not included for calculation.

13. SUPPLEMENTARY EXAMINATIONS

A student who obtained the F-Grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.

However the marks secured in Continuous Internal Evaluation (CIE) by the student in that course during the semester study shall remain unaltered.

The students those who have passed in the supplementary examination will be awarded grade with '*' marked on the courses passed in the supplementary.

Makeup Examination for IV semester courses:

Makeup Examination for the students having backlog courses at IV semester of 2nd year M.Tech. programme shall be conducted immediately after the release of IV semester regular examinations result.

14. REVALUATION

- a) Revaluation is allowed for only theory courses.
- b) If the award of the revaluator varies from the original award by less than 20% of maximum marks prescribed for the course, best of the two awards thus available shall be taken as final.
- c) If the award of the revaluator varies from the original award by more than 20% of the maximum marks prescribed for the course, the answer script will be examined by the second revaluator. If the award of the both revaluators is more than 20% of the maximum marks, then average of the two awards thus available shall be taken as final. Otherwise, best of the original award and the second revaluator award shall be taken as final.

15. CONDITIONS FOR PROMOTION

A student shall have to satisfy the attendance requirements for the semester (as per the Regulation No. 8) for promotion to the next higher semester.

16. IMPROVEMENT EXAMINATION

Students who wish to improve their SGPA / CGPA are permitted for SGPA / CGPA improvement only for theory courses. The student may opt to re-appear all the courses of a semester at the immediately succeeding End Semester Examination (ESE) for improving his / her grades. However, the students should clear all the courses of a particular semester in which he / she intends to take an improvement examination.

Further, when once the student appears for the improvement examination he / she shall forego the grades secured in the earlier End Semester Examination (ESE) in the whole set of courses prescribed for that semester. However, the marks secured in Continuous Internal Evaluation (CIE) by the student in those courses during the semester study shall remain unaltered.

Students those who have re-appeared for improvement will be awarded grade with '\$' marked on the courses appeared for improvement examination. '\$' will state the grade improvement. Such improved grades will not be counted for the award of Prizes, Medals and Rank.

However, the students who register for improvement examinations and wish to drop from appearing the examinations, by written application to the CoE, before commencement of examinations, shall be permitted to retain their earlier grades.

17. GRADUATION REQUIREMENT

A student shall be declared to be eligible for award of the M.Tech. degree, if he / she has registered and completed all the courses with a minimum P-grade scored in every course and secured a total of stipulated 68 credits.

Normally a student should complete all the requirements consecutively in 4 semesters (2 academic years) for the award of M.Tech. degree. However, the students who fail to fulfill all the requirements for the award of M.Tech. degree within a period of 8 consecutive semesters (4 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.

a) **CGPA to Percentage conversion:** As per UGC and AICTE guidelines, the CGPA will be converted to percentage of marks as below:

Percentage of marks = $(\text{CGPA} - 0.75) \times 10$

Ex: If CGPA is 6.75, the equivalent Percentage of marks = $(6.75 - 0.75) \times 10 = 60\%$

b) CGPA to Class conversion:

S. No.	Division	Eligibility Criteria
1	First Division with Distinction	Student should secure CGPA ≥ 7.75 Student should pass all the courses along with the batch of students admitted with him / her within 4 consecutive semesters Student who appeared for improvement examination upto 3 rd semester will also be considered Student who have cleared any course in supplementary examination shall not be awarded Distinction
2	First Division	Student should secure CGPA, which is $6.75 \leq \text{CGPA} < 7.75$ within the time frame of the programme i.e. 8 semesters Student who have cleared any course in supplementary examination and secured CGPA > 6.75
3	Second Division	Student should secure CGPA, which is $5.75 \leq \text{CGPA} < 6.75$ within the time frame of the programme i.e. 8 semesters
4.	Pass Division	Student should secure CGPA, which is $4.25 \leq \text{CGPA} < 5.75$ within the time frame of the programme i.e. 8 semesters
5.	Fail	Student with CGPA < 4.25 will not be eligible for award of degree

The University will award degrees to the students who are evaluated and recommended by the Institute.

18. MALPRACTICE IN EXAMINATION

Malpractice in examination is an illegal activity and is prohibited.

Mobile phones are strictly prohibited in the examination hall.

Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.

Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.

Any malpractice or engaging in any improper conduct and violation of the examination code by the student during examinations is liable for the punishment as given below:

S. No	Nature of Malpractice	S. No	Punishment
1.	Taking help from others, consulting and/or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices
2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall-Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant but not used	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed examinations to be taken during that session (or) (iii) current examination
4.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant but used		-do-

7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

PG Evaluation Procedure (PRR-20M)

10. EVALUATION PROCEDURE

- 9.1 The evaluation of students in every course of 2-year MBA programme (4 semesters) is a continuous process and is based on their performance in different examinations as mentioned below:
- Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Teachers Assessment (TA)** through ATLP assignments, I²RE, special assignments, Minor exams and **Mid- Semester Examinations (MSE)**
 - Terminal often designated as **End Semester Examination (ESE)** which includes written examination for theory courses and practical/ Project courses.
- 9.2 A student's performance in a course (subject) shall be judged by taking into account the result of Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) together.
- 9.3 Continuous Internal Evaluation (CIE) and End Semester Examination (ESE) shall have 60:40 weightage i.e. CIE carrying 60% weightage and ESE carrying 40% weightage.
- 9.4 **Continuous Internal Evaluation (CIE) for Theory Course:**
- 9.4.1 Continuous Internal Evaluation (CIE) throughout the semester shall consist of Teachers Assessment (TA) which includes assignments and special assignments as part of I²RE, minor exams and mid semester exams.
 - 9.4.2 The distribution given to each component of CIE for a theory course is given below:

S. No.	Teacher Assessment (TA) Particulars	Weightage
1.	Innovation Incubation Research and Entrepreneurship- Teachers Assessment (I ² RE -TA)	30%
2.	Minor Examination (M-I & M-II)	10%
3.	Mid Semester Examination (MSE) (MSE-I & MSE-II)	20%
Total Weightage		60%

9.4.3 I-RE - TA:

- For each course there shall be two Assignments (A-I & A-II). Special Assignments consisting of two course research papers (CRP-I & CRP-II) & two course case studies (CCS-I & CCS-II) and one course case study presentation at regular intervals of time
- A-I shall be based on Unit-I & Unit-II syllabi and to be submitted before MSE-I, A-II shall be based on Unit-III & Unit-IV syllabi and to be submitted before MSE-II.
- Course research papers:** Under this special assignment, the student is expected to summarize and submit a two page summary on each of the two course research papers (CRP-I & CRP-II) posted by course faculty.
- Course case study (CCS) Analysis Report:** Under this special assignment, the student is expected to submit well documented case study analysis report on each of the two course case study topics given by course faculty. The case studies give actual instantiations of management theory. Course faculty shall give useful case studies from best practices within the country and worldwide to illustrate the practice of management and the theories that go into it.
- Case study presentation (CSP):** Student shall prepare informative PPT and give an effective oral presentation on any of the course special assignments i.e., course research papers/course case studies posted by the course faculty or any business idea.

9.4.4 TA-Minor Examination:

- There shall be two minor examinations (M-I and M-II) of one hour duration each.
- Minor-I shall be based on Unit-I syllabus, Minor-II shall be based on Unit-III syllabus.
- Average of Minor-I and Minor-II marks shall be taken under TA.

9.4.5 TA-Mid Semester Examination (MSE):

- There shall be two mid semester examinations (MSE-I and MSE-II) of two hour duration each.
- It is mandatory for the student to take both MSEs
- MSE evaluation shall be done as given below:
MSE marks awarded = (70% of the best of MSE-I & MSE-II marks) + (30% of the other MSE marks)

Ex: A student secured following marks MSE-I marks: 10 out of 20

MSE-II marks : 20 out of 20

MSE marks awarded = (70% of 20) + (30% of 10) = 14 + 3 =17

9.4.6 The marks obtained by the students in MSE must be submitted to the Controller of Examination (CoE) by the course faculty within 1 week from the date of conduct of the examination.

9.4.7 The dates for MSE and ESE will be declared by the CoE in consultation with the Dean, Academic Affairs.

9.5 End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) carrying 40% weightage, at the end of each semester for three hour duration for each course.

The weightage to different components under CIE carrying 60% weightage and ESE carrying 40% weightage is as below:

PRR - 20M			Max. Marks	Minimum marks
Continuous Internal Evaluation - TA				
MSE - 1	20 Marks	<i>(70% of the best of MSE-I & MSE-II marks) + (30% of the other MSE marks)</i>	20	07/20
MSE - 2	20 Marks			
Minor - 1	10 Marks	<i>Average of M-I & M-II marks</i>	10	04/10
Minor - 2	10 Marks			
Assignment - 1	8 Marks	<i>Average of A-I & A-II marks</i>	08	10/30
Assignment - 2	8 Marks			

Special Assignments	CRP-I	04 Marks	Two page summary Report on course research paper - I	04	
	CRP-II	04 Marks	Two page summary Report on course research paper - II	04	
	CCS-I	04 Marks	Case study analysis report on CCS-I	04	
	CCS-II	04 Marks	Case study analysis report on CCS-II	04	
CRP-I/CCS-I/CRP-II/CCS-II/Course Project/Business Idea		06 Marks	PPT Presentation and viva voce (CRP or CCS)	06	
PRR-20 End Semester Examination (ESE)				40	14/40
Total				100	35/100

9.6 Continuous Internal Evaluation (CIE) for Mini Project with Seminar:

- (i) The Post Graduate Mini Project Evaluation Committee (PGMPEC) shall be constituted with HoD as a Chairman, Project Coordinator as a Convener and three to five other faculty members representing various specializations in that particular programme as members.
- (ii) Student has to take up independent mini project on innovative ideas, innovative solutions to common problems using their knowledge relevant to courses offered in their program of study, which would supplement and complement the program assigned to each student.
- (iii) PGMPEC shall allot a faculty supervisor to each student for guiding on
 - (a) selection of topic
 - (b) literature survey and work to be carried out
 - (c) preparing a report in proper format and
 - (d) effective mini project oral presentation before the PGMPEC
 - (e) Use of anti-plagiarism software to detect plagiarism in the report and submission of Mini project report within acceptable plagiarism levels
 - (f) Effective mini project oral presentation before the PGMPEC
- (iv) There shall be only Continuous Internal Evaluation (CIE) for Mini Project with Seminar
- (v) The CIE for mini project with seminar is as follows:

Assessment	Weightage
Mini project Supervisor Assessment	20%
PGMPEC Assessment:	
(i) Registration presentation (10%)	
(ii) Working model / process / software package / system developed/Hypothesis/Methodology/Recommendations based on the conclusions/limitations of the study (20%)	80 %
(iii) Mini project report (20%)	
(iv) Mini project paper (10%)	
(v) Mini project video pitch (10%)	
(vi) Final presentation (with PPT) and viva-voce (10%)	
Total Weightage:	100%

Note: It is mandatory for the student to

- (i) appear for final presentation (with PPT) and viva-voce to qualify for course evaluation
- (ii) write mini project paper in given journal format
- (iii) create a good video pitch to present mini project

- (a) **Mini Project Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals/Technical Magazines on the topics of potential interest
- (b) Based on the study done, each student is expected to disclose methodology used and indicate a set of recommendations which should follow from the conclusions inferred. If possible quantify the benefits that can be gained from following recommendations. Limitations of the study can be highlighted
- (c) **Report:** Each student is required to submit a well-documented report on the chosen mini project topic as per the format specified by PGMPEC
- (d) **Anti-Plagiarism Check:** The mini project report should clear plagiarism check as per the Anti-Plagiarism policy of the institute
- (e) **Presentation:** Each student should prepare PPT with informative slides and make an effective oral presentation before the PGMPEC as per the schedule notified by the department
- (f) **Video Pitch:** Each student should create a pitch video, which is a video presentation on his / her mini project. Video pitch should be no longer than 5 minutes by keeping the pitch concise and to the point, which shall also include key points about his / her business idea / plan (*if any*) and social impact
- (vi) The student has to register for the Mini project as supplementary examination in the following cases:
 - (a) he/she is absent for oral presentation and viva-voce
 - (b) he/she fails to submit the report in prescribed format
 - (c) he/she fails to fulfill the requirements of Mini project evaluation as per specified guidelines
- (vii) (a) The CoE shall send a list of students registered for supplementary to the HoD concerned
- (b) The PGMPEC, duly constituted by the HoD, shall conduct Mini project evaluation and send the award list to the CoE within the stipulated time

9.7 Evaluation for Project Work:

Project Work shall be normally conducted in two stages: Project Work *Phase-I* in third semester and Project Work *Phase-II* in fourth semester.

Project Work Phase-I:

- (i) The Department Post Graduate Review Committee (DPGRC) shall be constituted with HoD as a Chairman, Project Coordinator as a Convener and three to five other faculty members representing various specializations in that particular programme as members.
- (ii) (a) Student has to take up independent Project Work Phase-I on innovative ideas, innovative solutions to common problems using their knowledge relevant to courses offered in their program of study, which would supplement and complement the program assigned to each student
- (or)
- (b) Student shall take up industrial project (in any industry) relevant to the courses offered in their programme of study, which would supplement and complement the program assigned to each student
- (iii) DPGRC shall allot a faculty guide to each student for guiding on
 - (a) selection of topic
 - (b) literature survey and 50% work to be carried out
 - (c) preparing a report in proper format and
 - (d) effective Project Work Phase-I oral presentation before the DPGRC
 - (e) right conduct of research and academic activity to promote academic integrity
 - (f) use of anti-plagiarism software to detect plagiarism in the report and submission of Mini project report within acceptable plagiarism levels
- (iv) In case of students with industrial projects, internal guide shall be there to track the progress from time to time
- (v) There shall be only Continuous Internal Evaluation (CIE) for Project Work Phase-I

(vi) CIE for the Project Work Phase-I in third semester is as follows:

Assessment	Weightage
Project Work Phase-I Supervisor Assessment	50%
DPGRC Assessment: (i) Registration Presentation (10%) (ii) Progress Report on Phase-I (10%) (iii) Video pitch on Phase-I (10%) (iv) Progress Presentation -I and viva voce (20%)	50%
Total Weightage:	100%

Note: It is mandatory for the student to

- appear for progress presentation-I and viva voce to qualify for course evaluation
- create a good video pitch on Project Work phase-I

- Project Work Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals/Technical Magazines on the topics of potential interest
 - Based on the study done, each student is expected to disclose methodology used and indicate a set of recommendations which should follow from the conclusions inferred. If possible quantify the benefits that can be gained from following recommendations. Limitations of the study can be highlighted.
 - Progress Report:** Each student is required to submit a well-documented progress report on Project Work phase-I as per format specified by DPGRC
- (vii) The student has to register for the Project Work Phase-I as supplementary examination in the following cases:
- he/she is absent for oral presentation and viva-voce
 - he/she fails to submit the report in prescribed format
 - he/she fails to fulfill the requirements of Project Work Phase-I evaluation as per specified guidelines
- (viii) (a) The CoE shall send a list of students registered for supplementary to the HoD concerned
(b) The DPGRC, duly constituted by the HoD, shall conduct Project Work Phase-I evaluation and send the award list to the CoE within the stipulated time

Project Work Phase-II:

- Student has to continue the Project Work in 4th semester as Project Work Phase-II
- There shall be Continuous Internal Evaluation (CIE) for 60 marks and End Semester Examination for 40 marks.
- The evaluation for Project Work Phase-II is as follows:

Assessment	Weightage
Project Work Supervisor Assessment (10%) DPGRC Assessment: (i) Progress presentation -II (10%) (ii) Progress presentation -III (10%) (iii) Working model/process/software package/system developed//Hypothesis/Methodology/Recommendations based on the conclusions/limitations of the study (10%) (iv) Project Work Video pitch (10%) (v) Project Work Paper (10%)	60%
End Semester Examination: (i) Project Work Report (20%) (ii) Oral presentation (with PPT) and viva-voce (20%)	40%
Total Weightage:	100%

Note: It is mandatory for the student to

- appear for oral presentation (with PPT) and viva-voce to qualify for course evaluation
- write Project Work paper in given journal format

- (iii) create a good video pitch on Project Work phase-I & II
- (a) Based on the study done, each student is expected to disclose methodology used and indicate a set of recommendations which should follow from the conclusions inferred. If possible quantify the benefits that can be gained from following recommendations. Limitations of the study can be highlighted.
- (b) **Project Work Report:** Each student is required to submit a well-documented Project Work report as per the format specified by DPGRC
- (c) **Anti-Plagiarism Check:** The Project Work report should clear plagiarism check as per the Anti-Plagiarism policy of the institute
- (d) **Presentation:** Each student should prepare PPT with informative slides and make an effective oral presentation before the DPGRC as per the schedule notified by the department
- (e) **Video Pitch:** Each student should create a pitch video, which is a video presentation on his / her Project Work Phase-I & II. Video pitch should be no longer than 5 minutes by keeping the pitch concise and to the point, which shall also include key points about his / her business idea / plan (if any) and social impact
- (iv) **Project Work Synopsis (PWS):**
 - (a) Students, with the consent of supervisor, shall apply to the DPGRC for conduct of Project Work synopsis presentation (PWS). This shall normally happen when the supervisor feels that the student has done significant work to qualify for M.Tech. Project Presentation.
 - (b) Those students who clear PWS shall only be allowed to submit the Project Work report for end semester examination
- (v) **Project Work Report:**

After clearing PWS, student shall be required to submit two bound copies of Project Work report, one for the department and other for the Project Work Supervisor. The Project Work report shall be evaluated by the DPGRC and external examination shall be conducted on a pre-notified date.

9.8 Evaluation of MOOCs:

- a) **SWAYAM-MOOCs:** Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy and made available on the SWAYAM (Study Web of Active-learning by Young and Aspiring Minds) platform of *Government of India*
- b) **SWAYAM** shall notify to all Institutions, on 1st June, 1st November every year, the list of online learning courses going to be offered in the forth coming semester.
- c) The student shall be allowed to register for MOOCs courses for the designated Professional electives and Open electives mentioned in the curriculum.
- d) The student shall select a relevant MOOCs course carrying 3 credits.
- e) The Institutional MOOCs coordinator with the help of departmental MOOCs coordinator shall guide the students throughout the course.

9.8.1 Evaluation and Certification of MOOCs:

- a) The Principal Investigator (PI) shall be a subject matter expert (SME) belonging to a reputed educational institution called Host Institution
- b) The host Institution and PI shall be responsible for evaluating the registered students for MOOCs course
- c) After conduct of examination and completion of the evaluation, the PI through host institution shall award Marks/Grade as per the evaluation scheme announced.

9.8.2 Credit Mobility of MOOCs:

- a) Institution shall allow the credit mobility for the courses earned through MOOCs.
- b) A certificate regarding successful completion of the MOOCs courses shall be issued through host Institution and sent to the parent institution.
- c) The parent institution shall give equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the programme.

9.8.3 In case the student is unable to complete the MOOCs course, he/she shall be allowed to select one of courses listed under respective PE/OE offered at institute/department concerned and appear for supplementary examination. In such case, the student is deemed to have passed the course, if he/she scores minimum 35% of maximum marks allotted to the course in the registered supplementary ESE only (i.e. 35 marks out of 60 in ESE).

10. MINIMUM REQUIREMENT FOR PASSING A COURSE

- 10.1 **Theory Course:** A student is deemed to have passed in a theory course, if he / she secures
- 35 percent of marks assigned to End Semester Examination (ESE) and
 - 35 percent of marks assigned to the Mid Semester Examination (MSE) & End Semester Examination (ESE) of the course taken together and
 - 35 percent of marks assigned to Teacher's Assessment (TA), Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.
- 10.2 The marks assigned to MSE will be considered as per the Regulation no. 9.4.5.
- 10.3 **Laboratory Course:** A student is deemed to have passed in a laboratory course, if he / she secures
- 35 percent of marks assigned to End Semester Examination (ESE) and
 - 35 percent of marks assigned to the Teachers Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

11. GRADING SYSTEM

- 11.1 At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account the total marks secured (X) in that course
where, $X = \text{Marks secured in CIE} + \text{Marks secured in ESE}$
- 11.2 For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade following the guidelines given in 11.3 below.
- 11.3 The Institute shall follow absolute grading system. The grades will be awarded to each course as under:

Grade	Total Marks Secured (X)
S	$X \geq 90$
A	$80 \leq X < 90$
B	$70 \leq X < 80$
C	$60 \leq X < 70$
D	$35 \leq X < 60$
P	$35 \leq X < 35$
F	$X < 35$

- 11.4 The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (Gi)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	3
Fail	F	0

- 11.5 F-Grade is a Fail Grade. The course in which the student has earned F-Grade will be termed as backlog course.

- 11.6 In addition, there shall be a transitional M-Grade. M-Grade for “Debarred” due to indiscipline / malpractice during examination.
- 11.7 A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$SGPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where ‘n’ is the no. of courses (subjects) offered (excluding mandatory non-credit courses) for the semester ‘C_i’ is the credits allotted to a particular course, ‘G_i’ is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 11.3.

- 11.8 The SGPA would indicate the performance of the student in the semester to which it refers. SGPA will be rounded off to the second place of decimal and recorded as such.
- 11.9 Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:

$$CGPA = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$

where ‘m’ is the total number of courses (subjects) the student has been offered from the first semester onwards upto and including the present semester, ‘C_i and ‘G_i’ are as explained in 11.7.

- 11.10 The CGPA would indicate the cumulative performance of the student from the first semester up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.
- 11.11 SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-Grade credits are not included for calculation.

12. SUPPLEMENTARY EXAMINATIONS

- 12.1 A student who obtained the F-Grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.
- 12.2 However the marks secured in Continuous Internal Evaluation (CIE) by the student in that course during the semester study shall remain unaltered.
- 12.3 The students those who have passed in the supplementary examination will be awarded grade with ‘**’ marked on the courses passed in the supplementary.
- 12.4 Advance Supplementary Examination: Advance Supplementary Examination shall be conducted for the students having backlog courses in IV semester of MBA programme, immediately after publishing results of MBA IV semester regular examinations.

13. REVALUATION

- 13.1 Revaluation is allowed for only theory courses.
- 13.2 If the award of the revaluator varies from the original award by less than 20% of maximum marks prescribed for the course, best of the two awards thus available shall be taken as final.
- 13.3 If the award of the revaluator varies from the original award by more than 20% of the maximum marks prescribed for the course, the answer script will be examined by the second revaluator. If the award of the both revaluators is more than 20% of the maximum marks, then average of the two awards thus available shall be taken as final. Otherwise, best of the original award and the second revaluator award shall be taken as final.

14. CONDITIONS FOR PROMOTION

- 14.1 A student shall have to satisfy the attendance requirements for the semester (as per the Regulation No. 8) for promotion to the next higher semester.

15. IMPROVEMENT EXAMINATION

- 15.1 Students who wish to improve their SGPA / CGPA are permitted for SGPA / CGPA improvement only for theory courses. The student may opt to re-appear all the courses of a semester at the immediately succeeding End Semester Examination (ESE) for improving his / her grades. However, the students should clear all the courses of a particular semester in which he / she intends to take an improvement examination.
- 15.2 Further, when once the student appears for the improvement examination he / she shall forego the grades secured in the earlier End Semester Examination (ESE) in the whole set of courses prescribed for that semester. However, the marks secured in Continuous Internal Evaluation (CIE) by the student in those courses during the semester study shall remain unaltered.
- 15.3 Students those who have re-appeared for improvement will be awarded grade with '\$' marked on the courses appeared for improvement examination. '\$' will state the grade improvement. Such improved grades will not be counted for the award of Prizes, Medals and Rank.
- 15.4 However, the students who register for improvement examinations and wish to drop from appearing the examinations, by written application to the CoE, before commencement of examinations, shall be permitted to retain their earlier grades.

16. GRADUATION REQUIREMENT

- 16.1 A student shall be declared to be eligible for award of the MBA degree, if he / she has registered and completed all the courses with a minimum P-grade scored in every course and secured a total of stipulated 103 credits.
- 16.2 Normally a student should complete all the requirements consecutively in 4 semesters (2 academic years) for the award of MBA degree. However, the students who fail to fulfill all the requirements for the award of MBA degree within a period of 4 consecutive semesters (2 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.
- 16.3 a) **CGPA to Percentage conversion:** As per UGC and AICTE guidelines, the CGPA will be converted to percentage of marks as below:
 Percentage of marks = $(\text{CGPA} - 0.75) \times 10$
 Ex: If CGPA is 6.75, the equivalent Percentage of marks = $(6.75 - 0.75) \times 10 = 60\%$

b) **CGPA to Class conversion:**

S. No.	Division	Eligibility Criteria
1	First Division with Distinction	a) Student should secure $\text{CGPA} \geq 7.75$ b) Student should pass all the courses along with the batch of students admitted with him / her within 3 consecutive semesters c) Student who appeared for improvement examination upto 3 rd semester will also be considered d) Student who have cleared any course in supplementary examination shall not be awarded Distinction
2	First Division	a) Student should secure CGPA, which is $6.75 \leq \text{CGPA} < 7.75$ within the time frame of the programme i.e. 8 semesters b) Student who have cleared any course in supplementary examination and secured $\text{CGPA} > 6.75$
3	Second Division	Student should secure CGPA, which is $5.75 \leq \text{CGPA} < 6.75$ within the time frame of the programme i.e. 8 semesters
3	Pass Division	Student should secure CGPA, which is $3.25 \leq \text{CGPA} < 5.75$ within the time frame of the programme i.e. 8 semesters
5	Fail	Student with $\text{CGPA} < 3.25$ will not be eligible for award of degree

- 16.4 The University will award degrees to the students who are evaluated and recommended by the Institute.

17. MALPRACTICE IN EXAMINATION

- 17.1 Malpractice in examination is an illegal activity and is prohibited.
 17.2 Mobile phones are strictly prohibited in the examination hall.

- 17.3 Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.
- 17.4 Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.
- 17.5 Any malpractice or engaging in any improper conduct and violation of the examination code by student during examinations is liable for the punishment as given below:

S. No	Nature of Malpractice	S. No	Punishment
1.	Taking help from others, consulting and or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices
2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall-Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant <u>but not used</u>	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed examinations to be taken during that session (or) (iii) current examination
3.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant <u>but used</u>		-do-

7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

18. ROLL NUMBER ALLOTMENT

The Roll Number given to the student shall have a total 8 digits as follows:

Ex: M20MB005

- The first letter, to represent Masters degree programme.
Ex: M. for Masters Programme
- The next two numerical, to represent the year in which the student admitted into I semester.
Ex: 20 for 2020
- The next two letters, to represent the concerned department to which the student belongs.
Ex: MB for Master of Business Administration
- The last three numerical, to represent the three digit roll number of the student.
In general, a student with roll number "M20MB005" represents a Student of Master of Business Administration admitted in the year 2020 bearing a roll number of 005.

19. AMENDMENTS

Notwithstanding anything contained in this manual, the Academic Council of the Institute reserves the right to modify / amend the curricula, requirements and rules & regulations pertaining to its undergraduate programmes, without any further notice.

UG Evaluation Procedure (URR-18 R22)

10. EVALUATION PROCEDURE

The evaluation of students in every course of 4-year B.Tech. programme (8 semesters) and Lateral Entry students of B.Tech. programme (6 semesters), is a continuous process and is based on their performance in different examinations as mentioned below:

- Sessional, involving **Continuous Internal Evaluation (CIE)** conducted all through the semester which includes **Teachers Assessment (TA)** through assignments and **Mid-Semester Examinations (MSE)**
- Terminal, often designated as **End Semester Examination (ESE)** which includes written examination for theory courses and practical/ design/ drawing examination with built-in oral part for laboratory/ design / drawing courses.

A student's performance in a course (subject) shall be judged by taking into account the result of CIE and ESE together.

CIE and ESE shall have 40:60 weightage i.e. CIE carrying 40% weightage and ESE carrying 60% weightage.

Continuous Internal Evaluation (CIE) for Theory Course:

CIE throughout the semester shall consist of TA and MSE.

The distribution given to each component of CIE for a theory course is given below:

S. No.	Particulars	Weightage
1.	Teacher's Assessment (TA) (Assignments)	10%
2.	Mid Semester Examination (MSE) (MSE-I & MSE-II)	30%
	Total Weightage	40%

TA:

- There shall be 2 Assignments and 2 Minor exams (Quiz/Slip test, etc.) for each course at regular intervals of time
- Minor-I shall be based on Unit-I syllabus, Minor-II shall be based on Unit-III syllabus, Assignment-I shall be based on Unit-I & Unit-II syllabi and to be submitted before MSE-I, Assignment-II shall be based on Unit-III & Unit-IV syllabi and to be submitted before MSE-II.
- Average of Assignment-I, Assignment-II, Minor-I and Minor-II marks shall be taken under TA

Ex: A student secured following marks MSE-I marks

= 10 out of 30 MSE-II marks = 20 out of 30

The MSE marks awarded will be = (70% of 20) + (30% of 10) = 14 + 3 = 17

The marks obtained by the students in MSE must be submitted to the Controller of Examination (CoE) by the teachers within 1 week from the date of conduct of the examination.

The dates for MSE and ESE will be declared by the CoE in consultation with the Dean, Academic Affairs.

End Semester Examination (ESE) for Theory Course:

There shall be an End Semester Examination (ESE) at the end of each semester for three hour duration for each course.

Continuous Internal Evaluation (CIE) for Practical (Laboratory) Course:

CIE for practical course shall carry 40% weightage.

CIE throughout the semester shall consist of the following:

Assessment	Weightage
Regular Experimentation / Job work and Viva-voce	20%
Regular submission of record	10%
Quiz / Skill test / Viva-voce at the end of semester	10%
Total Weightage	40%

End Semester Examination (ESE) for Practical (Laboratory) Course:

There shall be an ESE at the end of each semester for three hour duration for each practical course.

The ESE for practical course shall carry 60% weightage.

The marks distribution at ESE shall be as follows:

Assessment	Weightage
Procedure / Experimentation / Tabulation / Result, as applicable ...	45%
Viva-voce	15%
Total Weightage	60%

Continuous Internal Evaluation (CIE) for Seminar & Mini Project :**Seminar:**

- The HoD shall constitute a *Department Seminar Evaluation Committee (DSEC)*
- DSEC shall allot a faculty supervisor to each student for guiding on (i) selection of topic (ii) literature survey and work to be carried out (iii) preparing a report in proper format and (iv) effective seminar presentation**

- f) There shall be only continuous Internal Evaluation (CIE) for seminar
 g) The CIE for seminar is as follows:

Assessment	Weightage
Seminar Supervisor Assessment	20%
Seminar Report	30%
Seminar Paper	20%
<i>DSEC Assessment: Oral presentation with PPT and viva-voce</i>	30%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva-voce to qualify for course evaluation.

- h) **Seminar Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals / Technical Magazines on the topics of potential interest
- i) **Report:** Each student is required to submit a well-documented report on the chosen seminar topic as per the format specified by *DSEC*.
- j) **Anti-Plagiarism Check:** The seminar report should clear plagiarism check as per the Anti-Plagiarism policy of the institute.
Presentation: Each student should prepare PPT with informative slides and make an effective oral presentation before the *DSEC* as per the schedule notified by the department
- k) The candidate has to register the Seminar as supplementary examination in the following cases:
- student is absent for oral presentation and viva-voce
 - student fails to submit the report in prescribed format
 - student fails to fulfil the requirements of seminar evaluation as per specified guidelines
- l) Supplementary examination for seminar
- The CoE shall send a list of candidates registered for supplementary to the HoD concerned
 - The *DSEC*, duly constituted by the HoD, shall conduct seminar evaluation and send the award list to the CoE within the stipulated time

Mini Project:

- a) The HoD shall constitute a *Departmental Mini Project Evaluation Committee (DMPEC)*
- b) Every student shall take up independent Mini project on innovative ideas. However, wherever not feasible a group of 2 to 4 students shall be allowed to take up mini project. The *DMPEC* shall take a decision on number of students in a group.
- c) *DMPEC* shall allot a faculty supervisor to each student for guiding on (i) selection of topic (ii) literature survey and work to be carried out (iii) preparing a report in proper format and (iv) effective mini project oral presentation
- d) There shall be only continuous Internal Evaluation (CIE) for mini project
- e) The CIE for mini project is as follows:

Assessment	Weightage
Mini Project Supervisor Assessment	20%
Working model / process / software package / system developed	20%
Mini Project report	20%
Mini Project paper	10%
Video pitch	10%

DMPEC Assessment: Oral presentation with PPT and viva-voce	20%
Total Weightage:	100%

Note: It is mandatory for the candidate to appear for oral presentation and Viva- voce to qualify for course evaluation.

- i) **Mini Project Topic:** The topic should be interesting and conducive to discussion. Topics may be found by looking through recent issues of peer reviewed Journals/ Technical Magazines on the topics of potential interest
 - ii) **Working Model:** Each student is required to develop a working model/ process/ system on the chosen work and demonstrate before the DMPEC as per the dates specified by DMPEC
 - iii) **Report:** Each student is required to submit a well-documented report on the chosen seminar topic as per the format specified by DMPEC
 - iv) **Anti-Plagiarism Check:** The seminar report should clear plagiarism check as per the Anti-Plagiarism policy of the institute
 - v) **Presentation:** Each student should prepare PPT with informative slides and make an effective oral presentation before the DMPEC as per the schedule notified by the department
 - vi) **Video Pitch:** Each student should create a pitch video, which is a video presentation on his/ her mini project. Video pitch should be no longer than 5 minutes by keeping the pitch concise and to the point, which shall also include key points about his/ her business idea / plan (*if any*) and social impact
- f) The candidate has to register the Mini project as supplementary examination in the following cases:
- (i) Student is absent for oral presentation and viva-voce
 - (ii) Student fails to submit the report in prescribed format
 - (iii) Student fails to fulfill the requirements of Mini project evaluation as per specified guidelines.
- g) Supplementary examination for mini project
- (i) The CoE shall send a list of candidates registered for supplementary to the HoD concerned
 - (ii) The DMPEC, duly constituted by the HoD, shall conduct Mini project evaluation and send the award list to the CoE within the stipulated time.

Evaluation for Major Project Work:

Final year major project work is a team work and represents the culmination of study towards the B. Tech degree. **Major project offers an opportunity to integrate the knowledge acquired from various courses and apply it to solve real-world complex engineering problems.** The student learning assessment process (SLAP) shall include good number of presentations, demonstration of work undertaken, submission of a project report, writing project paper in scientific journal style & format, preparing project poster and creating video pitch on the complete project work.

Activities of major project SLAP shall be planned in such a way to ensure that the students acquire the essential knowledge, skills and qualities (KSQ) of a professional engineer.

Major project work shall be normally conducted in two stages: Major project work. *Phase-I* in seventh semester and Major project work *Phase-II* in eighth semester. Nearly 50 - 75% of the proposed work to be completed in 7th semester as *Phase-I* and the remaining work to be continued and completed in 8th semester as *Phase-II*

Major Project Phase-I:

- a) Every student is expected to put approximately **72 hours of work** into the major project *phase-I* course over the 12 weeks of 7th semester
- b) The HoD shall constitute a *Departmental Project Evaluation Committee (DPEC)*
- c) The convener DPEC shall allot faculty supervisors to all project teams for guiding on (i) project objectives and expected deliverables (ii) plan their project work and timeline (iii) enough resources for successful project completion (iv) knowledge, skills and qualities (KSQ) to be acquired to propose solutions to the identified real-world problem for the project work (v) preparing a well- documented report in proper format and (iv) effective major project oral presentation
- d) The project supervisors shall ensure students focus on the project objectives, expected deliverables and students have sufficient resources for successful project completion
- e) The project supervisors are also expected to continuously emphasize and guide the students on following project timeline, meeting cadence, activity journaling in project log book
- f) There shall be only continuous Internal Evaluation (CIE) for Major Project *Phase-I*
- g) CIE for the Major Project *Phase-I* in seventh semester is as follows:

Major project work Phase-I Assessment (7 th semester)	Weightage
A. Supervisor Assessment	20 %
B. DPEC Assessment (i) Registration Presentation (10%) (ii) Progress Presentation-I (20%) (iii) Project progress*: Part of working model/ process/software package/system developed (30%) (iii) Well-documented Progress Report on Phase-I work (10%) (iv) Video pitch on Phase-I (10%)	80 %
Total Weightage	100 %

* Students are advised to complete major part of the project in phase-I only

- g) **Working Model:** Every project team shall be required to develop a working model/ process/software package/system, on the chosen work. The progress made in this shall be demonstrated during progress presentation-I at the end of *phase-I* and the completed working model/ process/software package/system before the DPEC as per the dates specified by DPEC at the end of *phase-II*.
- h) **Progress Report on phase-I:** Every project team shall be required to submit a well- documented progress report on dissertation phase-I as per format specified by DPEC.
- i) **Video pitch on phase-I:** Every project team shall be required to create a pitch video, which is a video presentation on their major project work *phase-I*. It should be 3 to 5- minute-long video (no longer than 5 minutes), highlight the progress made at various stages during *phase-I* project implementation
- j) A student shall register for supplementary examination for the Major project work *phase-I* in the following cases:
- (i) Student is absent for oral presentation and viva-voce as part of progress presentation-I

- (ii) Project team fails to submit the progress report on *phase-I* in prescribed format
 - (iii) Project team fails to submit the video pitch on the progress made during the *phase-I* period.
 - (iv) Student fails to fulfill the requirements of major project work *phase-I* evaluation as per specified guidelines
- k) Supplementary examination for major project work *phase-I*
- (i) The CoE shall send the list of students, registered for supplementary examination, to the HoDs concerned
 - (ii) The DPEC shall conduct major project *phase-I* supplementary exam and send the award list to the CoE within the stipulated time

Major Project *Phase-II*:

- a) All the major project teams shall take the *phase -I* work forward and complete the remaining work as *Phase-II* in the 8th semester.
- b) Every student is expected to put approximately 168 hours of work into the major project *phase-II* course over the 12 weeks of 8th semester
- c) The project supervisors are expected to guide the students to systematically continue the *phase-I* work, useful work during inter-semester break, meeting the deadlines as proposed in project timeline
- d) The project supervisors shall ensure students focus on the project objectives and expected deliverables and ensure students have sufficient resources for successful project completion
- e) The project supervisors are also expected to continuously emphasize and guide the students on following project timeline, meeting cadence, activity journaling in project log book.
- f) The evaluation for Major Project work *Phase-II*: There shall be continuous internal evaluation (CIE) and end semester examination (ESE). The evaluation for *phase-II* shall be as given below:

Assessment	Weightage
A. CIE (i) Supervisor Assessment (10%) (ii) DPEC Assessment (50%) (a) <i>Progress presentation-II (10%)</i> (b) <i>Final presentation (10%)</i> (c) <i>Working model / process / software package / system developed (20%)</i> (d) <i>Project video pitch (5%)</i> (e) <i>Project paper (5%)</i>	60%
B. ESE (i) <i>Well-documented project report (15%)</i> (ii) <i>Oral presentation with PPTs and viva-voce (15%)</i> (iii) <i>Project poster (5%)</i>	40%
Total Weightage	100%

- g) **Working Model:** Every project team shall be required to develop a working model/ process/software package/system, on the chosen work. The completed working model/ process/software package/system shall be demonstrated during final presentation at the end of *phase-II*.
- h) **Video pitch:** Every project team shall be required to create a pitch video, which is a video presentation on their major project work *phase-I* & *phase-*

- II. The project team shall present the produced video pitch during Final presentation
- i) **Project poster:** At the end, the project teams shall present their project in the form of posters (A2 size). The teams shall have to present their work during the poster presentation session scheduled at the end of the 8th semester, at the time of demonstration of complete porotype / working model / software package / system developed.
 - j) **Well-documented plagiarism-cleared project report:** Every project team shall be required to submit a well-documented project report on the work carried out, as per the format specified by the DPEC. The report should clear plagiarism check as per the anti-plagiarism policy-2020 of the institute.
 - k) A student shall register for supplementary examination for the Major project work *phase-II* in the following cases:
 - (i) Student is absent for oral presentation and viva-voce as part of ESE presentation
 - (ii) Student fails to fulfill the requirements of major project work *phase-II* evaluation as per specified guidelines
 - l) Supplementary examination for major project work *phase-II*
 - (i) The CoE shall send the list of students, registered for supplementary examination, to the HoDs concerned
 - (ii) The DPEC, duly constituted by the HoD, shall conduct major project *phase-II* supplementary exam and send the award list to the CoE within the stipulated time

Evaluation for Internship:

The students shall undergo 6-8 weeks internship during summer/winter vacation at industry/R&D organization / Academic Institutes like IITs, IIITs & NITs.

The students preferably shall undergo internship at one organization only. In case of any difficulty, the stipulated period of internship shall be completed at different organizations with minimum of one week internship at every stage.

The internship evaluation shall be done in the VII semester of study and hence the students shall complete the prescribed period of internship before start of VII semester (from end of II semester to commencement of VII semester).

The internship evaluation shall be done by **department internship evaluation committee (DIEC)** based on the submitted report by student and oral presentation.

There shall be only Continuous Internal Evaluation (CIE) for internship evaluation.

The CIE for the Internship evaluation in VII semester shall be as below:

Internship evaluation	Weightage
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A. Internship Supervisor's Assessment (i) Feedback from the internship supervisor - on completion of internship assignment / work (20%) (ii) Feedback from the internship supervisor - on quality of work in internship assignment / work (10%) (iii) Feedback from the internship supervisor - internship log book (10%) (iv) Feedback from the internship supervisor - on attendance, punctuality and work hours (10%)	50%
B. DIEC Assessment (i) Internship duration (8 /6 weeks) (15% / 10%) (ii) Internship Report (20%) (iii) Oral Presentation (with PPT) and viva voce (15%)	50%
Total Weightage:	100%

Note: It is mandatory for the student to appear for oral presentation (with PPT) and viva voce to qualify for course evaluation

- (a) **Internship Report:** Each student is required to submit a well-documented internship report (both *soft copy and softbound hard copy*) as per format specified by DIEC
- (b) A student shall register for supplementary examination for the internship evaluation in the following cases:
 - (i) absent for oral presentation and viva-voce
 - (ii) fails to submit the internship report in prescribed format
 - (iii) fails to fulfill the requirements of internship evaluation as per specified guidelines
- (c) Supplementary examination for internship evaluation
 - (i) The CoE shall send the list of students, registered for supplementary examination, to the HoDs concerned
 - (ii) The DIEC, duly constituted by the HoD, shall conduct internship evaluation supplementary exam and send the award list to the CoE within the stipulated time

Evaluation of MOOCs:

- a) **SWAYAM-MOOCs:** Massive Open Online Courses (MOOCs) are such online courses which are developed as per the pedagogy and made available on the SWAYAM (Study Web of Active-learning by Young and Aspiring Minds) platform of Government of India
- b) **SWAYAM** shall notify to all Institutions, on 1st June, 1st November every year, the list of online learning courses going to be offered in the forth coming semester.
 - a) The student shall be allowed to register for MOOCs courses for the designated Professional electives and Open electives mentioned in the curriculum.
 - b) The student shall select a relevant MOOCs course carrying 3 credits. The Institutional MOOCs coordinator with the help of departmental MOOCs coordinator shall guide the students throughout the course.

Evaluation and Certification of MOOCs:

- a) The Principal Investigator (PI) shall be a subject matter expert (SME) belonging to a reputed educational institution, called Host Institution
- b) The host Institution and PI shall be responsible for evaluating the registered students for MOOCs course
- c) After conduct of examination and completion of the evaluation, the PI through

host institution shall award Marks/Grade as per the evaluation scheme announced.

Credit Mobility of MOOCs:

- a) Institution shall allow the credit mobility for the courses earned through MOOCs.
- b) A certificate regarding successful completion of the MOOCs courses shall be issued through host Institution and sent to the parent institution.
- c) The parent institution shall give equivalent credit weightage to the students for the credits earned through online learning courses through SWAYAM platform in the credit plan of the programme.

In case the student is unable to complete the MOOCs course, he/she shall be allowed to select one of courses listed under respective PE/OE offered at institute/department concerned and appear for supplementary examination. In such case, the student is deemed to have passed the course, if he/she scores minimum 35% of maximum marks allotted to the course in the registered supplementary ESE only (i.e. 35 marks out of 60 in ESE).

Amendment to URR-18 rule 10.11.6:

10.11.6-R22-A1: In case the student is unable to complete the MOOC for theory courses, he/she shall be allowed to select an appropriate course listed under the respective courses offered at the institute/department concerned and appear for a supplementary examination. In such a case, the student is deemed to have passed in supplementary exam of a theory course taken as a result of an unsuccessful MOOC attempt, if he/she secures

- 1) 35 percent of marks assigned to the supplementary ESE (*Max. Marks: 60*)
- 2) 35 percent of marks assigned to the CIE of MOOCs (*Max. Marks: 40*) & supplementary ESE of the course taken together (*Max. Marks: 100*).

and

The MOOCs' continuous internal marks (MOOCs-CIE) for the registered supplementary ESE shall be taken from the MOOCs online assignments portion of the unsuccessful MOOC. If the maximum marks for the online assignment portion of MOOCs is 25 and if the student scored 16 in that MOOC, then scaling is done for 40 marks for MOOCs-CIE (*i.e., 16/25marks shall be scaled up to $(40*16)/25 = 25.6$ marks for MOOCs-CIE*).

10.11.7-R22-A2: The students of B.Tech have to do six Professional Elective courses (PE-I to PE- VI). The URR-18 scheme, vide ref (1) cited, allows our students to take **massive open online courses (MOOCs) on the SWAYAM platform, delivered by the NPTEL and other national coordinators (hereafter abbreviated to SWAYAM-NPTEL)**, for the professional electives (PEs) and open electives (OEs) of the under-graduate programmes, as detailed below:

PROGRAMME: B.Tech.

SEMESTER	Professional Elective/Open Elective/MOOC
V	Professional Elective-I/MOOC-I
VI	Professional Elective-II/MOOC-II
VII	Professional Elective-III & IV/MOOC-III & IV

VIII	Professional Elective-V & VI/MOOC- V & VI Open Elective - IV/MOOC -VII
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- (a) As per the provisions made in URR-18, a student can either do any one of the courses, attending classes, offered by the department under PE or take an equivalent SWAYAM-NPTEL MOOC and complete online.
- (b) **Credit Transfer:**
- (i) Opted SWAYAM-NPTEL MOOCs for Professional Core courses & Professional Electives should have prior approval from the programme's internal board of studies (BoS) for proper transfer of credits, for the award of degree. All such lists of approved SWAYAM-NPTEL MOOCs for PEs and other courses along with the registered list of candidates shall be presented to the BoS, whenever conducted.
- (ii) For open electives (OEs) and non-core courses, the SWAYAM-NPTEL MOOCs should have prior approval from the Dean AA in consultation with BoS chairperson of course offering department/centre for proper transfer of credits, for the award of degree. All such lists of approved SWAYAM-NPTEL MOOCs for OE-IV along with registered list of candidates shall be presented to the JBoS, whenever conducted.
- (c) Each BoS, for its UG program, shall approve the list of SWAYAM-NPTEL courses of 8 week/12 week duration, which shall be considered equivalent to 03 credits courses. (*CAM table is to be prepared for equivalent SWAYAM-NPTEL course with CO-PO mapping*).
- (d) **SWAYAM-NPTEL Certifications of any 04 weeks course will not be considered for credit transfer.**

A. SWAYAM-NPTEL MOOCs FOR B.TECH PROFESSIONAL ELECTIVES

- (a) The students of B.Tech have to do six Professional Elective courses (PE-I to PE- VI).
- Professional Elective MOOCs:** The students are allowed to opt SWAYAM-NPTEL MOOCs for completing the Professional Elective courses. The equivalent SWAYAM- NPTEL MOOCs released under professional elective category of URR- 18 shall be considered as PE-MOOCs.
- (b) **Eligibility:** Only students without backlogs are permitted to take PE-MOOCs.
- (c) **Backlogs condition:** The backlog condition shall be checked at the time of SWAYAM- NPTEL registration for that semester (*backlogs are considered based on the latest results, as on date of consideration*).
- (d) **BoS Chair-Releasing equivalent MOOCs for PEs in April/May& Nov/Dec:** The internal BoS has to **identify the equivalent SWAYAM-NPTEL MOOCs for PEs** from the list of courses released by SWAYAM-NPTEL for July-Dec & Jan-June sessions. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for that academic year/semester, well before the commencement of the semester/academic year, preferably in **April/May for odd semester PEs & in Nov/Dec for even semester PEs**, and get the options from the willing students to take MOOCs.
- (e) **Releasing the list of students who opted to do MOOCs for the PEs:** The HoD shall release the list of students who opted to do SWAYAM-NPTEL MOOCs for the PEs during the last week of May for odd semester PEs & in November for even semester PEs. This students' list for each PE-MOOC shall also indicate the

- identified **faculty coordinator for that PE-MOOC**. A Copy shall be communicated to the CoE and Dean, AA.
- (f) **The Faculty coordinator for PE-MOOC:** The faculty coordinator shall join the PE-MOOC as course mentor and shall follow-up on (i) ensuring SWAYAM-NPTEL MOOC registration by students in time, in coordination with the **SWAYAM Institute faculty coordinator**; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) **registration of the NPTEL exam by the students**.
- (g) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under **the BoS-approved equivalent SWAYAM- NPTEL MOOCs for Professional Elective courses**.
- h) If a student is interested in choosing a MOOC which is **not listed under the BoS-approved equivalent SWAYAM-NPTEL MOOCs for Professional Elective courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA and a copy shall be sent to CoE.
- i) **10.11.6 of URR-18:** In case the student is unable to complete the MOOC for professional elective, he/she shall be allowed to select one of the courses listed under the respective PE offered at the institute/department concerned and appear for a supplementary examination. In such a case, the student is deemed to have passed the course, if he/she scores a minimum of 35% of the maximum marks (60) allotted to the course in the registered supplementary ESE (*i.e., 35 marks out of 60 in ESE*).
- j) The above rules are also applicable to the MOOCs taken under open electives.
- k) Once SWAYAM- NPTEL declares the results, the HoD shall submit the results of the MOOCs registered students for PEs and OEs to **the CoE** for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.

10.11.8-R22-A3: A. SELF LEARNING (SL) FOR B.TECH VII & VIII SEMESTER STUDENTS

The final year student need to prioritize their time for multiple activities, which include academic goals like (i) preparation for campus placements (ii) preparation for higher education (GATE/GRE/others) (iii) doing major projects (iv) placement internship/industry connect internship/industrial project (v) research papers/patents and other academic activities. To focus on the above activities, the final year students are given the option to complete the final year courses through **self-learning mode**.

Self Learning Mode: In self learning mode, the final year students shall be allowed to complete their VII & VIII semester courses of the URR-18 scheme online (except lab courses & major projects), by opting for SWAYAM-NPTEL MOOCs during the VII and VIII semesters.

- (a) Students of VII semester are allowed to take & complete all theory courses of VII semester online during July-Dec session of SWAYAM-NPTEL. Students of VIII semester are allowed to take & complete all theory courses of VIII semester online during Jan-June session of SWAYAM-NPTEL.
- (b) **Eligibility:** Only students without backlogs are permitted to take SWAYAM-NPTEL MOOC courses in self learning mode.
- (c) **Backlogs condition:** The backlog condition shall be checked at the time of SWAYAM- NPTEL registration for that semester (*backlogs are considered based on the latest results, as on date of consideration*).

- (d) BoS Chair-Releasing equivalent MOOCs for final year theory courses in April/May & Nov/Dec: From the list of courses released by the SWAYAM-NPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM- NPTEL MOOCs for theory courses. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for that academic year/semester, well before the commencement of academic year/semester, preferably in April/May for VII semester courses & in Nov/Dec for VIII semester courses, and get the options from the willing students to take MOOCs under self learning mode.
- (e) **Releasing the list of students who opted to do MOOCs for the theory courses:** The HoD shall release the list of students who opted to do SWAYAM-NPTEL MOOCs for theory courses during the last week of May for VII semester courses & December for VIII semester courses. This students' list for each MOOC shall also indicate the identified **faculty coordinator for that MOOC**. A copy shall be communicated to the CoE and Dean, AA.
- (f) **The faculty coordinator for MOOC:** The faculty coordinator shall join the MOOC as a course mentor and shall follow-up for (i) ensuring SWAYAM-NPTEL MOOC registration by students on time, in coordination with the SWAYAM Institute faculty coordinator; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) students registering for the NPTEL exam.
- (g) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under the **BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**.
- (h) If a student is interested in choosing a MOOC which is **not listed under BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA, and a copy shall be sent to CoE.
- (i) The amended rule **10.11.6-A22** is applicable, in case the student is unable to complete the MOOC for theory courses.
- (j) Once SWAYAM- NPTEL declares the results, the HoD shall submit the results of the MOOCs registered students for MOOCs to the CoE for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.
- (k) Each BoS, for its UG program, shall approve the list of SWAYAM-NPTEL courses of 8 week/12 week duration, which shall be considered equivalent to 03 credits courses. *(CAM table is to be prepared for equivalent SWAYAM-NPTEL course with CO-PO mapping).*
- (l) SWAYAM-NPTEL Certifications of any 04 weeks course will not be considered for credit transfer.

10.11.6-R22-A4 :

A. **ACCELERATION PROGRAMME (AP) FOR V & VI SEMESTER STUDENTS**

To create ample time during final year to focus on placement internship/ industry connect internship/ industrial project, the pre-final year students are facilitated with acceleration programme (AP).

Acceleration Programme (AP): In acceleration programme (AP), the pre-final year

students shall be allowed to complete the final year courses i.e., VII & VIII semester courses of URR-18 scheme (except Lab courses & major project), by opting SWAYAM- NPTEL MOOCs, while studying their V and VI semesters.

- (a) **Eligibility:** Students who have completed B.Tech IV-semester without any standing backlogs and a minimum CGPA of 8.0 are eligible to take up the acceleration programme.
- (b) **BoS Chair-Releasing equivalent MOOCs for final year theory courses in April/May & Nov/Dec:** From the list of courses released by the SWAYAM-NPTEL for July-Dec session & Jan-June sessions, the internal BoS has to identify the equivalent SWAYAM-NPTEL MOOCs for theory courses. The BoS chairperson of the programme shall release the BoS-approved list of equivalent MOOCs for final year courses of that academic year/semester, well before the commencement of academic year/semester, preferably in April/May & Nov/Dec, and get the options from the willing pre-final year students to take MOOCs.
- (c) **Releasing the list of pre-final year students who opted to do MOOCs for the final year theory courses:** The HoD shall release the list of pre-final students who opted to do SWAYAM-NPTEL MOOCs for final year theory courses during the last week of May & December. This students' list for each MOOC shall also indicate the identified faculty coordinator for that MOOC. A copy shall be communicated to the CoE and Dean, AA.
- (d) **Faculty coordinator for MOOC:** The faculty coordinator shall join the MOOC as a course mentor and shall follow-up for (i) ensuring SWAYAM-NPTEL MOOC registration by students on time, in coordination with the SWAYAM Institute faculty coordinator; (ii) consistent efforts by students in watching all videos; submitting all assignments on time; and (iii) students registering for the NPTEL exam.
- (e) **Credit Transfer:** The credits earned by the student from MOOCs will be considered for the credits of the B.Tech degree, if and only if the student completes the MOOCs listed under **BoS-approved equivalent SWAYAM-NPTEL MOOCs for theory courses.**
- (f) If a student is interested in choosing a MOOC which is **not listed under the BoS- approved equivalent SWAYAM-NPTEL MOOCs for theory courses**, the internal BoS shall take an appropriate decision and, if permitted, the same shall be informed to the Dean, AA, and a copy shall be sent to CoE.
- (g) The amended rule **10.11.6-A22** is applicable, in case the student is unable to complete the MOOC for theory course.
- (h) Once SWAYAM-NPTEL declares the results, the HoD shall submit the results of the MOOC registered pre-final year students to the CoE for credit transfer. Copies of SWAYAM- NPTEL certificates of the students should be attached. The faculty coordinator for the relevant MOOCs will assist with this process.

- (i) Each BoS, for its UG program, shall approve the list of SWAYAM-NPTEL courses of 8 week/12 week duration, which shall be considered equivalent to 03 credits courses. (CAM table is to be prepared for equivalent SWAYAM-NPTEL course with CO-PO mapping).
- (j) SWAYAM-NPTEL Certifications of any 04 weeks course will not be considered for credit transfer.

11. MINIMUM REQUIREMENT FOR PASSING A COURSE

Theory Course: A student is deemed to have passed in a theory course, if he / she secures

- 35 percent of marks assigned to End Semester Examination (ESE) **and**
- 35 percent of marks assigned to the Mid Semester Examination (MSE) & End Semester Examination (ESE) of the course taken together **and**
- 35 percent of marks assigned to Teacher's Assessment (TA), Mid Semester Examination (MSE) and End Semester Examination (ESE) of the course taken together.

The marks assigned to MSE will be considered as per the Regulation no. 10.4.4

Laboratory Course: A student is deemed to have passed in a laboratory course, if he / she secures

- 35 percent of marks assigned to End Semester Examination (ESE) **and**
- 35 percent of marks assigned to the Teacher's Assessment (TA) and End Semester Examination (ESE) of the laboratory course taken together.

12. GRADING SYSTEM

At the end of the semester a student is awarded a letter grade in each of his / her courses taking into account the total marks secured (X) in that course where, X = Marks secured in CIE + Marks secured in ESE

For arriving at a grade obtained by a student in a particular course (subject), initially numeric marks obtained by the student out of 100 are to be determined. Once a numeric mark is obtained, the same is to be converted to a letter grade following the guidelines given in 12.3 below.

The Institute shall follow absolute grading system. The grades will be awarded to each course as under:

Grade	Total Marks Secured (X)
S	$X > 90$
A	$80 < X < 90$
B	$70 < X < 80$
C	$60 < X < 70$
D	$45 < X < 60$
P	$35 < X < 45$
F	$X < 35$

The typical grades and their numerical equivalents on 10-point scale (called Grade Points) are as follows:

Performance	Letter Grade	Grade Points (Gi)
Superior	S	10
Excellent	A	9
Very Good	B	8
Good	C	7
Average	D	6
Pass	P	4
Fail	F	0

F-Grade is a Fail Grade. The course in which the student has earned F-Grade will be termed as backlog course.

In addition, there shall be a transitional **M-Grade**. M-Grade for “Debarred” due to indiscipline / malpractice during examination.

A Semester Grade Point Average (SGPA) will be computed for each semester. The SGPA will be calculated as follows:

$$SGPA = \frac{\sum_{i=1}^n C_i G_i}{\sum_{i=1}^n C_i}$$

where ‘n’ is the no. of courses (subjects) offered (excluding mandatory non-credit courses) for the semester, ‘C_i’ is the credits allotted to a particular course, ‘G_i’ is the grade-points carried by the letter corresponding to the grade awarded to the student for the course as illustrated in 12.4.

The SGPA would indicate the performance of the student in the semester to which it refers. SGPA will be rounded off to the second place of decimal and recorded as such.

Starting from the second semester, at the end of each semester, a Cumulative Grade Point Average (CGPA) will be computed for every student as follows:

$$CGPA = \frac{\sum_{i=1}^m C_i G_i}{\sum_{i=1}^m C_i}$$

where ‘m’ is the total number of courses (subjects) the student has been offered from the first semester onwards upto and including the present semester, ‘C_i’ and ‘G_i’ are as explained in 12.7.

The CGPA would indicate the cumulative performance of the student from the first semester

up to the end of the semester to which it refers. CGPA will be rounded off to the second place of decimal and recorded as such.

SGPA and CGPA are calculated in consideration of only credits cleared, i.e. F-Grade credits are not included for calculation.

13. SUPPLEMENTARY EXAMINATIONS

A student who obtained the F-Grade in a course (theory or practical) can appear in a subsequent End Semester Examination (ESE) in the same course as supplementary candidate.

However the marks secured in Continuous Internal Evaluation (CIE) by the student in that

course during the semester study shall remain unaltered.

The students those who have passed in the supplementary examination will be awarded grade with ‘*’ marked on the courses passed in the supplementary.

Makeup Examination for VIII semester courses:

Makeup Examination for the students having backlog courses at VIII semester of 4th year B.Tech.

programme shall be conducted immediately after the release of VIII semester regular examinations result.

13.5 - R22 - A5

The student, who availed the facility of Makeup Examination for VIII semester courses, but could not clear, shall be allowed to appear those VIII semester courses in subsequent ESE as supplementary candidate.

13.6-R22-A6

- (i) A student who, after completion of his / her B.Tech. VIII semester course work, failed to clear ESE in some theory courses due to low Mid Semester Examinations (MSE) marks, shall be given ONE- TIME MAKEUP (OTM) chance to improve marks

- in MSE (OTM-MSE) for those courses. Low MSE marks means marks less than 35% of max. marks of MSE
- (ii) For improvement in MSE, the student has to take either MSE-I or MSE-II of 2-hour duration.
 - (iii) MSE evaluation shall be done as given below:
 - a) Best MSE marks = max (OTM-MSE marks, corresponding previous MSE marks)
 - b) Improved MSE marks = (70% of the max (Best MSE marks, other MSE marks)) + (30% of min (Best MSE marks, other MSE marks))
 - c) The improved MSE marks shall be considered for CIE for all future ESE results processing during permissible years
 - (iv) After utilizing the OTM-MSE option, the student shall clear the End Semester Examination for that particular course in permissible years.
 - (v) If a student has registered but not appeared for OTM-MSE, then no further chance of OTM-MSE shall be given.

14. REVALUATION

- a) Revaluation is allowed for only theory courses.
- b) If the award of the revaluator varies from the original award by less than 20% of maximum marks prescribed for the course, best of the two awards thus available shall be taken as final.
- c) If the award of the revaluator varies from the original award by more than 20% of the maximum marks prescribed for the course, the answer script will be examined by the second revaluator. If the award of the both revaluators is more than 20% of the maximum marks, then average of the two awards thus available shall be taken as final. Otherwise, best of the original award and the second revaluator award shall be taken as final.

15. CONDITIONS FOR PROMOTION

A student shall have to satisfy the attendance requirements for the semester (as per the Regulation No. 8) for promotion to the next higher semester. In addition,

- a) for promotion to the fifth semester, a student should not have more than four backlogs in the first and second semesters taken together.
- b) for promotion to the seventh semester, a student should not have more than four backlogs in the courses of first to fourth semester taken together.
- c) the grade (marks) secured in mandatory non-credit courses will not be counted for the purpose of backlogs. However, a minimum P-Grade is compulsory in those courses for the award of the degree.

16. IMPROVEMENT EXAMINATION

Students who wish to improve their SGPA/CGPA are permitted for SGPA/CGPA improvement only for theory courses. The student may opt to re-appear all the courses of a semester at the immediately succeeding End Semester Examination (ESE) for improving his/her grades. However, the students should clear all the courses of a particular semester in which he / she intends to take an improvement examination.

Further, when once the student appears for the improvement examination, he / she shall forego the grades secured in the earlier End Semester Examination (ESE) in the whole set of courses prescribed for that semester. However, the marks secured in Continuous Internal Evaluation (CIE) by the student in those courses during the semester study shall remain unaltered.

Students those who have re-appeared for improvement will be awarded grade with '\$' marked on the courses appeared for improvement examination. '\$' will state the grade improvement. Such improved grades will not be counted for the award of Prizes, Medals and Rank.

However, the students who register for improvement examinations and wish to drop from appearing the examinations, by written application to the CoE, before commencement of examinations, shall be permitted to retain their earlier grades.

17. GRADUATION REQUIREMENT

A student shall be declared to be eligible for award of the B.Tech. degree, if he / she has registered and completed all the courses with a minimum P-grade scored in every course and secured a total of stipulated 160 credits.

Normally a student should complete all the requirements consecutively in 8 semesters(4 academic years) for the award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 16 consecutive semesters (8 academic years from the registration in 1st semester) shall forfeit his / her enrolment to the program.

The students admitted in the lateral entry scheme should complete all the requirements consecutively in 6 semesters (3 academic years) for award of B.Tech. degree. However, the students who fail to fulfill all the requirements for the award of B.Tech. degree within a period of 12 consecutive semesters (6 academic years from the registration in 3rd semester) shall forfeit his / her enrolment to the program.

a) CGPA to Percentage conversion: As per UGC and AICTE guidelines, the CGPA will be converted to percentage of marks as below:

$$\text{Percentage of marks} = (\text{CGPA} - 0.50) \times 10$$

Ex: If CGPA is 6.75, the equivalent Percentage of marks = $(6.75-0.50) \times 10 = 62.5\%$

b) CGPA to Class conversion:

S. No.	Division	Eligibility Criteria
1	First Division with Distinction	a) Student should secure $\text{CGPA} \geq 7.50$ b) Student should pass all the courses along with the batch of students admitted with him/her within 8 consecutive semesters (6 consecutive semesters for lateral entry students) c) Student who appeared for improvement examination upto 6 th semester will also be considered d) Student who have cleared any course in supplementary examination shall not be awarded Distinction
2	First Division	a) Student should secure CGPA, which is $6.50 \leq \text{CGPA} < 7.50$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students) b) Student who have cleared any course in supplementary examination and secured $\text{CGPA} > 6.50$
3	Second Division	Student should secure CGPA, which is $5.50 \leq \text{CGPA} < 6.50$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students)
4.	Pass Division	Student should secure CGPA, which is $4.50 \leq \text{CGPA} < 5.50$ within the time frame of the programme i.e. 16 semesters (12 semesters in case of lateral entry students)
5.	Fail	Student with $\text{CGPA} < 4.50$ will not be eligible for award of degree

Honours / Minor in Engineering can be conferred as per AICTE guidelines and Model curriculum January 2018

A student will be conferred with Under Graduate degree as “Bachelor of Technology in XXX Engineering/Technology, with Honours” (or) “Bachelor of Technology in XXX Engineering / Technology, with Minor in YYY Engineering/Technology”, if he/she completes an

additional 20 credits. These additional 20 credits could be acquired through SWAYAM-NPTEL MOOCs / other MOOCs such as Coursera, Udemy, IITB spoken tutorials. These additional 20 credits earned through SWAYAM-NPTEL MOOCs /other MOOCs should be in addition to the credits acquired through SWAYAM - MOOCs offered in the curriculum as part of Professional Electives/ Open Electives. The University will award degrees to the students who are evaluated and recommended by the Institute.

Honours: Honours is an additional credential a student may earn, if he/she does additional learning for 20 credits *in his/her own discipline* of B.Tech programme. These additional credits shall be acquired through MOOCs from the *list of courses for Honours*, prescribed by the respective departments. These courses shall mostly be advanced courses

- (or) courses designed to give more exposure to different areas of one's own discipline. On successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as "*Bachelor of Technology in XXX Engineering / Technology, with Honours*".

Minor in Engineering: A minor in engineering is an additional credential a student may earn, if he/she does additional learning for 20 credits *in a discipline other than his/her major discipline* of B.Tech programme. These additional credits shall be acquired through MOOCs from the *list of courses for a Minor Engineering* prescribed by the respective departments. On successful accumulation of these additional credits, at the time of graduation, it shall be mentioned in the degree certificate as "*Bachelor of Technology in XXX Engineering / Technology, with Minor in YYY Engineering/Technology*".

A student shall be eligible to register for a Honours in the same discipline of his/her study, and/or a Minor in Engineering offered by other department.

A student can register for both Honours in the same discipline and also a Minor in Engineering in other discipline. On successful accumulation of prescribed credits for Honours and also prescribed credits for Minor in Engineering, at the time of graduation, it shall be mentioned in the degree certificate as "*Bachelor of Technology in XXX Engineering / Technology, with Honours and Minor in YYY Engineering/Technology*".

Student who has completed B.Tech. IV semester in his/ her regular B.Tech. programme without any standing backlogs and with a minimum CGPA of 8.0 shall be allowed to register for Honours and/or Minor in Engineering.

Student who wants to register for Honours and/or Minor in Engineering shall opt for registration at the end of IV semester of his/ her B.Tech. programme, subject to the conditions prescribed by the AAC from time to time.

Student registered for Honours and/or Minor in Engineering shall ensure the following in his/her regular B.Tech programme

- (i) student should maintain a minimum SGPA of 7.0 from V semester to VIII semester of regular B.Tech programme and
- (ii) student should maintain a CGPA of 8.0 at the end of VIII semester of regular B.Tech programme If the student fails to meet the above criteria, his/her registration for Honours and/or Minor in Engineering shall stand cancelled and he/she will be awarded only regular B.Tech degree. A student may withdraw from Honours/Minor in Engineering at any time before graduating. Such students shall submit an application for withdrawal to the Dean AA, before start of any semester. The Dean AA, shall communicate the list of such students to the HoDs concerned (parent-department /minor-department) with a copy to the CoE.

During the curriculum revision, the HoDs in coordination with their Department Academic Advisory Committee (DAAC) shall identify the list of courses to be offered by the department under Honours curricula/ Minor in Engineering curricula and forward the same to the office of the Dean AA.

Student shall be permitted to take a maximum of 2 theory courses and one laboratory

course during any semester for additional learning towards Honours curricula/ Minor in Engineering curricula.

Student shall take laboratory courses, listed under Honours curricula/Minor in Engineering curricula, in the parent-department/minor-department during inter-semester break and complete the course with a course project.

Office of the Dean AA shall compile and release list of courses under Honours curricula/Minor in Engineering curricula for different departments/programmes /disciplines, highlighting the importance of each discipline.

By the end of April of every academic year, the Dean AA in coordination with HoDs shall notify the department wise list of equivalent courses in MOOCs/SWAYAM-NPTEL MOOCs against the list of courses notified under Honours curricula/ Minor in Engineering curricula, by respective departments.

Office of the Dean AA shall release registration notification for Honours/ Minor in Engineering, during even semester of every academic year inviting interested students of B.Tech IV semester to apply.

Interested students shall submit three (03) copies of applications in the prescribed format, *notified by the Dean AA*, along with supporting documents to the concerned HoD in the parent-department. The HoD in coordination with DAAC shall scrutinize the submitted applications and forward the consolidated list of registered students along with two sets of applications to the Dean AA.

The Dean AA shall notify, in coordination with the CoE, the list of eligible students towards **Honours** and forward this list to the **parent-department**. These notified students shall be allowed to do additional learning towards Honours in Engineering from V semester onwards.

The Dean AA shall notify, in coordination with the CoE, the list of eligible students towards Minor in Engineering and forward this list to the minor-department in which student opted to gain prescribed credits for Minor in Engineering along with one set of application. These notified students shall be allowed to do additional learning towards Minor in Engineering from V semester onwards.

In the process of additional learning towards Honours/ Minor in Engineering, the student shall exercise carefully all options to ensure the following:

- (i) The credits earned in a course studied in regular curriculum towards fulfilment of basic degree, shall not be claimed under credits for additional learning towards Honours/ Minor in Engineering and vice versa
- (ii) A course once studied in regular curriculum, shall not be taken again for additional learning towards Honours/ Minor in Engineering

The HoD in coordination with department MOOCs coordinator and faculty counsellor concerned, shall monitor progress of the registered student during the semester for successful completion of registered courses of Honours curricula.

The minor-department HoD in coordination with minor-department MOOCs coordinator and faculty counsellor concerned, shall monitor progress of the registered student during the semester for successful completion of registered courses of Minor in Engineering curricula.

On successful completion of registered courses, the student shall submit the course completion details in "Semester wise progress report (*for additional learning towards Honours/Minor in Engineering*)" in the prescribed format notified by the Dean, AA along with Certificate/ Grade sheet/ Mark sheet (indicating credits of the course) to the HoDs concerned (parent-department /minor-department).

The HoDs shall consolidate "Semester wise progress report (*for additional learning towards Honours/Minor in Engineering*)" of all the students registered for *Honours/Minor in Engineering* in their departments and forward the same to the Dean AA.

The Dean AA shall ensure genuineness of the submitted certificates, of registered students, with the help of the Institute MOOCs coordinator and forward the semester wise progress of registered students to the CoE.

The CoE shall ensure for reflecting the earned credits for additional learning towards Honours/Minor in Engineering in corresponding student semester grade sheet, subsequently in consolidated grade sheet and transcripts.

Separate CGPA for Honours and/or Minor in Engineering shall be mentioned in the consolidated grade sheet.

The students who have registered for Honours/ Minor in Engineering but unable to accumulate the 20 credits prescribed towards Honours/ Minor in Engineering at the time of graduation, he/she shall be awarded the Degree in his/her discipline without any mention about Honours/ Minor in Engineering.

The University will award degrees to the students who are evaluated and recommended by the Institute.

18. MALPRACTICE IN EXAMINATION

Malpractice in examination is an illegal activity and is prohibited.

Mobile phones are strictly prohibited in the examination hall.

Exchange of question paper and material like pen, pencil, sharpener, eraser, scale, calculator, etc., during examination is strictly prohibited.

Malpractice in examination is viewed very seriously. Malpractice includes oral communication between candidates, possessing forbidden material, mobile phones (switched off/on) etc.

Any malpractice or engaging in any improper conduct and violation of the examination code by the student during examinations is liable for the punishment as given below:

S. No	Nature of Malpractice	S. No	Punishment
1.	Taking help from others, consulting and or helping other examinees during the examination period inside the examination hall or outside it, with or without their consent or helping other candidates to receive help from anyone else	a)	Cancelling the examination of the paper in which he / she indulged in malpractices
2	If the examinee attempts to disclose his / her identity to the valuer by writing his / her Hall- Ticket Number at a place other than the place prescribed for it or any coded message including his / her name or addressing the valuer in any manner in the answer book		Cancelling the examination of the paper in which he / she indulged in malpractices
3.	Candidate is found in possession of forbidden material; relevant or not relevant <u>but not used</u>	b)	Cancellation of the result of (i) all examinations taken including current examination in that session (or) (ii) current examination and proposed examinations to be taken during that session (or) (iii) current examination

4.	Destroying the material found in his / her possession or acting in any other manner with a view to destroying evidence	c)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission to or continuation in any course of the Institute for a period of one year. The student will be eligible to appear for the next corresponding semester / year examination in the succeeding academic year
5.	Smuggling main answer book / additional answer book / question paper / matter in to or out of the examination hall & Conspiring to interchange Hall Ticket Numbers		-do-
6.	Candidate is found in possession of forbidden material, relevant or not relevant <u>but used</u>		-do-
7.	In case of (i) impersonation, (ii) misbehavior with the invigilators/any person related to examination work, (iii) insertion of written sheets in different hand writing in the main/additional answer book, and (iv) creation of disturbance in and around the examination hall during or before the examination	d)	Cancellation of the result of all examinations taken or proposed to be taken during that session and prohibiting his/her admission in to or continuation in any course of the Institute for a period of two years. Further, the candidate shall not be allowed to appear for any examination during the period of punishment
8.	If a candidate is found guilty of malpractice in the improvement examination (after completion of course)	e)	Punishment will be awarded subject to the above rules and further, he/she will not be permitted to appear for further improvement examination

DUTIES & RESPONSIBILITIES OF THE INVIGILATOR

DUTIES

The faculty members of the institute, appointed by the examination branch, shall perform as invigilators in different halls/rooms in the specified examination.

- The sanctity of the examination depends greatly on the conduct of an invigilator. Any laxity on the part of an invigilator is likely to result in undesirable consequences affecting the reputation of the institute.

- An invigilator is expected to be alert at every moment beginning from the collection of exam material at exam branch, entry of the candidates in to examination room till such time that all answer scripts are collected from the candidates and handing over the exam material in the examination branch.
- An invigilator is under the control of the CoE during the period they are on examination duty and he/she should not leave the examination hall/room without the permission of the CoE.
- An invigilator should report at the examination branch at least half-an-hour before the time fixed for commencement of the examination.
- An invigilator may be required to act as witness when desired by the CoE for opening of the question paper packets and sealing of the packets of answer scripts.
- It shall be the duty of the invigilators to guard against all kinds of malpractice or misconduct on the part of any candidate in the examination hall. He/She will report such malpractice or misconduct to the CoE and render such assistance to the CoE as required, in regard to the conduct of the examination.

RESPONSIBILITIES

1. To ensure that the examinees occupy their allotted seats in the room.
2. To check the ID card/Hall ticket/Admit card.
3. To make announcements to the examinees
 - To produce the ID card (for MSE)/Hall Ticket (for ESE)/Admit Card.
 - To verify the bench and desk before they occupy their respective seats. If any forbidden matter or material is found or written, they should be brought to the notice of the invigilator. If it is detected by the invigilator/squad member, they will be booked under malpractice.
 - Malpractice in examination is an illegal activity and is prohibited.
 - Exchange of question paper, answer booklet and assisting material like Pen, Pencil, Sharpener, Eraser, Scale, Calculator, etc., during examination is prohibited.
 - Candidate is prohibited from talking to each other, copying from others or allowing others to copy from them, or taking or giving any other kind of assistance or communicating with a paper outside the examination hall. If he/she does so, is liable to expulsion. If a candidate is found violating these rules and/or committing any other malpractice and/or behaving in an undisciplined manner or causing nuisance or disturbance to other candidates, he/she will at once be expelled from the Examination Hall and he/she will not be allowed to sit for the remaining papers and he/she will be liable to be rusticated.
 - When a candidate is found in possession of forbidden material even if it is not relevant, he/she shall not be allowed to continue remaining part of the examination. The candidate will be booked under Malpractice case for his/her improper conduct and is liable for punishment as per the stipulated rules & regulations

- Leave books, notes, Mobile phone and any other electronic gadgets at specified place outside the examination hall.
 - Sign on the attendance-sheet for students.
 - Announce that students should write roll number on the question paper and nothing else.
 - Use only non-programmable calculator.
 - Write course name, paper, roll number, semester in the allotted spaces in the MSE answer script.
 - Check the details printed on the OMR sheet attached to the ESE answer script.
4. To distribute amongst the examinees answer booklets and question papers.
 5. To take attendance of examinees and sign on the answer books at the appropriate place immediately after the commencement of the examination.
 6. To prepare the absentee statement in respect of the room under his/her charge and submit the same within half-an-hour of start of examination.
 7. No examinee shall in any case be allowed to leave the examination hall before scheduled time of completion of the examination.
 8. To collect answer scripts from the examinees as soon as the examination is over and to hand over the same to the CoE in sequential order of roll after duly counting and tallying these with students' attendance sheet.

RULES AND REGULATIONS FOR CANDIDATES DURING EXAMINATION

1. Student must clear all the dues for the semester to issue the hall ticket.
2. The right to participate in the examinations of any semester is reserved for those students who have fulfilled the rules and regulations of the institute.
3. Candidates are required to check the seating arrangement on the day of the examination. Seating plan will be displayed 15 minutes before the commencement of examination.
4. Candidates will be admitted to the examination room 15 minutes before the scheduled time of commencement.
5. A candidate is permitted to bring the following items to an exam hall/room: hall ticket, ID card, pen, pencil, drafting instruments. If specifically permitted, candidates can bring code books, data books, log tables, steam tables etc. All equipment brought to the examination must be placed on the candidate's desk and kept in view during the examination.
6. A candidate must not bring any books, notes (in any form), loose paper, calculator cases, instrument cases, other containers, mobile phones and any other electronic gadgets.
7. Only those candidates who are required to write the examination will be allowed in the room during the examination.
8. Candidates with disability/PHC/VHC etc., are required to acquire prior permission from the CoE to utilize scribe services, for special seating arrangement etc.
9. The student should occupy his/her seat at least five minutes before the commencement of the examination. No student is allowed to leave the examination room/hall before the stipulated time of completion of the examination.

10. When all materials have been collected, the invigilator will announce that candidates may leave the room. All rules for the conduct of candidates during examinations remain in full force until this announcement is made.
11. Eating and drinking are not permitted in examination rooms.

BEST PRACTICES

1. STUDENT-CENTRIC:

i) The student portal <https://www.kitswexams.com> is created to facilitate the students to register for regular & supplementary examinations, to pay online, to download the hall ticket, to view the results, to register for revaluation, to pay revaluation fee, to view revaluation results, to apply for consolidated grade sheet/provisional certificate/original degree certificate etc.






ii) Online Examination Fee Payment:

The Examination Branch has introduced online fee payment and submission of examination forms from November 2016. The Office of the Controller of Examinations upload the name and address of the student which include the scanned copy of photograph and signature on to a template available on the online software. This enables the Examination Branch to reduce the time of processing of application form of the candidates and makes it error free.

KARATTA INSTITUTE OF TECHNOLOGY & SCIENCE <small>UAE Autonomous Institute under Karnataka Government, Wazirpur Phase - I, Thiruvananthapuram, Karnataka (K), Hassanur, Mysuru, Mangalore, Bidar City, Belagavi State, India. ಕರ್ನಾಟಕ ಸರ್ಕಾರದ ಅಧೀನದಲ್ಲಿ, ವಾಝಿರ್ - ಫೇಸ್ - I, ತಿರುವನಂತಪುರ, ಕರ್ನಾಟಕ, ಮೈಸೂರು - ಬಿಡರ್ ಸಿಟಿ, ಬೆಲಗಾವಿ ರಾಜ್ಯ, ಭಾರತ</small>																	
Office of the Controller of Examinations <small>Website: www.kitswexams.com Email: exam@kitswexams.com Ph: +91 876 250886, Ext: 250 Fax: +91 876 250833</small>																	
B.TECH. VII SEMESTER END SEMESTER EXAMINATIONS - APRIL 2019(URR-14 REGULAR)																	
RECEIPT																	
Receipt No: 135	Receipt Date: 19-04-2019																
Roll No: B15CS050	Course & Branch: B.TECH. VII SEMESTER CSE																
Student Name: MOGULLA AMULYA	 M.AMULYA																
Father Name: MOGULLA SRINIVAS																	
Mother Name: MOGULLA SUNITHA																	
Bank Name: HDFC																	
Transaction Reference No.: 201910943030945																	
Transaction Status: Successful																	
Payment Done Through: Debit Card																	
Fee Amount: 3000	Aadhar No: 434630771542																
Fine: 0																	
Total: 3000																	
In Words: Rupees one thousand five hundred only																	
Courses Registered: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Course Code</th> <th>Course Name</th> </tr> </thead> <tbody> <tr> <td>U14MH801</td> <td>MANAGEMENT, ECONOMICS AND ACCOUNTANCY</td> </tr> <tr> <td>U14CS802</td> <td>SOFTWARE TESTING AND QUALITY ASSURANCE</td> </tr> <tr> <td>U14CS803A</td> <td>BIG DATA MANAGEMENT</td> </tr> <tr> <td>U14CS804A</td> <td>E-COMMERCE</td> </tr> <tr> <td>U14CS805</td> <td>CASE TOOLS & SOFTWARE TESTING LABORATORY</td> </tr> <tr> <td>U14CS806</td> <td>MOBILE APPLICATIONS DEVELOPMENT LABORATORY</td> </tr> <tr> <td>U14CS807</td> <td>MAJOR PROJECT WORK: PHASE - II</td> </tr> </tbody> </table>		Course Code	Course Name	U14MH801	MANAGEMENT, ECONOMICS AND ACCOUNTANCY	U14CS802	SOFTWARE TESTING AND QUALITY ASSURANCE	U14CS803A	BIG DATA MANAGEMENT	U14CS804A	E-COMMERCE	U14CS805	CASE TOOLS & SOFTWARE TESTING LABORATORY	U14CS806	MOBILE APPLICATIONS DEVELOPMENT LABORATORY	U14CS807	MAJOR PROJECT WORK: PHASE - II
Course Code	Course Name																
U14MH801	MANAGEMENT, ECONOMICS AND ACCOUNTANCY																
U14CS802	SOFTWARE TESTING AND QUALITY ASSURANCE																
U14CS803A	BIG DATA MANAGEMENT																
U14CS804A	E-COMMERCE																
U14CS805	CASE TOOLS & SOFTWARE TESTING LABORATORY																
U14CS806	MOBILE APPLICATIONS DEVELOPMENT LABORATORY																
U14CS807	MAJOR PROJECT WORK: PHASE - II																
No. of Courses: 7																	
This is computer generated receipt. No signature is required.																	
Terms & Conditions: <ol style="list-style-type: none"> 1. The examination fees being collected through this website is non-refundable and non-transferable. 2. Transaction fees clause: Transaction fees charged would not be refunded/reversed for any refund or reversal and chargeback of any transaction. 3. Transaction fees charged would be borne by cardholder for any payments. 4. The discrepancies in personal details, if any, may be brought to the notice of the Controller of Examinations immediately. 																	

iii) Online Hall Ticket:

Students can download hall tickets using their user id and password. This enables easy and quick receipt of hall tickets.

 KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE <small>(An Autonomous Institute under Kakatiya University, Warangal)</small> Opp: Yerragattugutta, Bheemaram (V), Hasanparthy (Mandal), WARANGAL - 506 015, Telangana State, INDIA. కాకతీయ ప్రాథమిక విజ్ఞాన సంస్థానం, వరంగల్ - 506 015, తెలంగాణ రాష్ట్రం, భారతదేశం కౌన్సిల్ ఆఫ్ కన్ట్రోల్ ఆఫ్ ఎగ్జామినేషన్లు				
Office of the Controller of Examinations				
website: www.kitsw.ac.in		e-mail: coekitsw@gmail.com		Fax: +91 870 2564320
B.TECH. VIII SEMESTER REGULAR (URR-14) APRIL 2019 EXAMINATIONS				
Student Name:	BOLLIKONDA BASWANTH	Hall Ticket No:	B14CE051	
Father Name:	BOLLIKONDA YADAGIRI	Branch:	CIVIL ENGINEERING	
Mother Name:	BOLLIKONDA RAMYASREE	Month & Year:	APRIL 2019	
				
Candidate should take his / her seat at least five minutes before the commencement of the examination.				
Course Name	Date	Time	Signature of the Student	Signature of the Invigilator
MANAGEMENT, ECONOMICS & ACCOUNTANCY	01/05/2019	9.30 AM TO 12.30 PM		
CONSTRUCTION TECHNOLOGY AND MANAGEMENT	03/05/2019	9.30 AM TO 12.30 PM		
REPAIR AND REHABILITATION OF STRUCTURES	06/05/2019	9.30 AM TO 12.30 PM		
TRAFFIC ENGINEERING AND TRANSPORTATION PLANNING	08/05/2019	9.30 AM TO 12.30 PM		
CIVIL ENGINEERING SOFTWARE APPLICATIONS LABORATORY		As notified in exam timetable		
ENGINEERING GEOLOGY LABORATORY		As notified in exam timetable		
MAJOR PROJECT WORK: PHASE- II	17/05/2019	08.00 AM TO 05.00 PM		
 Controller of Examinations				
INSTRUCTIONS TO THE CANDIDATE				
<ol style="list-style-type: none"> Candidate is required to bring the Hall ticket and the Identity Card for every examination. Candidates should verify the bench and desk before they occupy their respective seats. If any forbidden matter or material is found or written, they should brought to the notice of the invigilator. If it is detected by the invigilator/squad member, they will be booked under malpractice. Malpractice in examination is an illegal activity and is prohibited. Exchange of question paper, answer booklet and assisting material like Pen, Pencil, Sharpener, Eraser, Scale, Calculator, etc., during examination is prohibited. Candidate is prohibited from talking to each other, copying from other or allowing others to copy from them or taking or giving any other kind of assistance or communicating with a paper outside the examination hall. If he/she does so, is liable to expulsion. If a candidate is found violating these rules and / of committing any other malpractice and / or behaving in an undisciplined manner or causing nuisance or disturbance to other candidates, he / she will not be allowed to sit for the remaining papers and he / she will be liable to be rusticated. When a candidate is found in possession of forbidden material even if it is not relevant, he / she shall not be allowed to continue remaining part of the examination. The candidate will be booked under Malpractice case for his / her improper conduct and is liable for punishment as per the Regulation No. 17 of Rules & Regulations of Undergraduate programme URR - 14. Mobile Phones, Electronic gadgets, Smoking and eatables etc., are prohibited in the Examination Hall. Candidate suffering from any contagious disease will not be permitted to enter the Examination Hall. The institute reserves the right to cancel the admission of the candidate at any stage when it is detected that his / her admission to the Examination is against the rules. Candidates are not permitted to leave the examination hall till the completion of the examination. 				

iv) The students can view the results, when published.

Student Portal

HTN: B19CS809
Name: MOGULLA AMULYA
Branch: CSE Sem: VIII SEMESTER

Overall Marks - Semwise

Final CGPA : 6.75 Credits Obtained : Total No.Of Backlogs : 0/71

Select the Semester:

I SEMESTER II SEMESTER III SEMESTER IV SEMESTER V SEMESTER VI SEMESTER VII SEMESTER **VIII SEMESTER**

You are Seeing - VIII SEMESTER Results

View Details:

SNo	Course Code	Course (No of Attempts)	Month & Year	FinalGrade	Credits	Result
1	U14MH001	MANAGEMENT, ECONOMICS AND ACCOUNTANCY	April 2019	D	4.00	PASS
2	U14CS802	SOFTWARE TESTING AND QUALITY ASSURANCE	April 2019	C	4.00	PASS
3	U14CS803A	BIG DATA MANAGEMENT	April 2019	D	4.00	PASS
4	U14CS804A	E-COMMERCE	April 2019	D	4.00	PASS
5	U14CS805	CASE TOOLS & SOFTWARE TESTING LABORATORY	April 2019	S	2.00	PASS
6	U14CS806	MOBILE APPLICATIONS DEVELOPMENT LABORATORY	April 2019	S	2.00	PASS
7	U14CS807	MAJOR PROJECT WORK - PHASE - II	April 2019	S	7.00	PASS

SGPA : 7.73 CGPA : 6.75

vi) The students can download and refer the Previous Question Papers of End Semester Examinations through online.

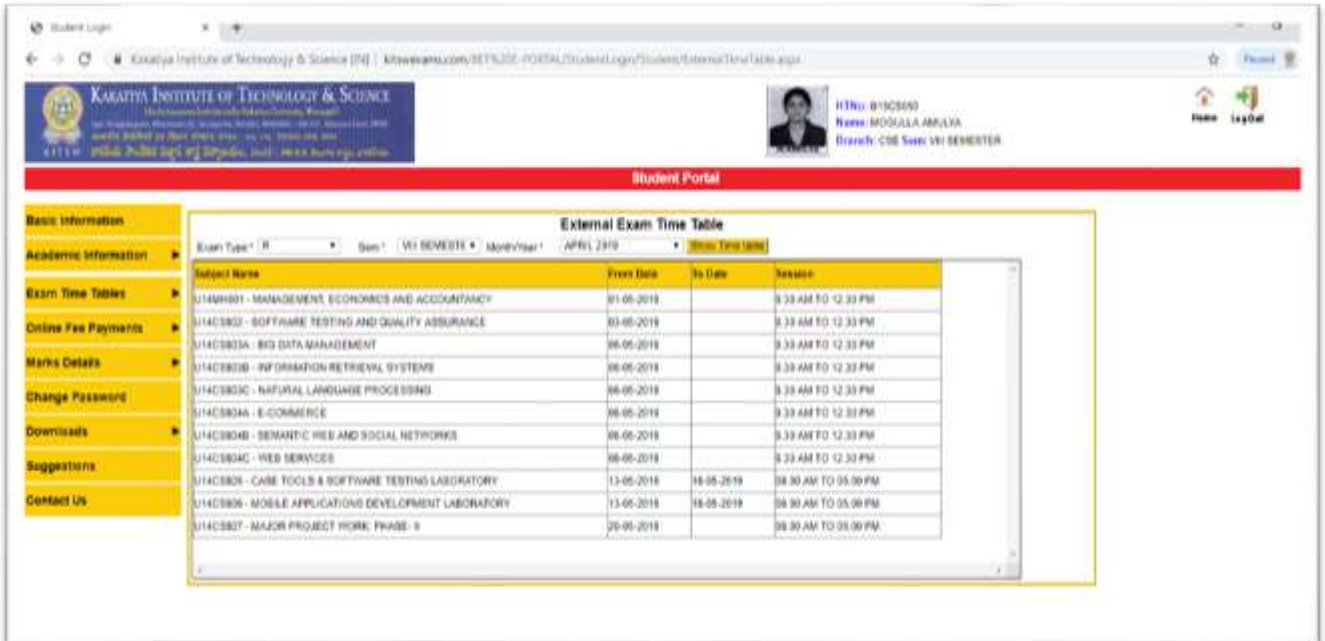
Student Portal

HTN: B19CS809
Name: MOGULLA AMULYA
Branch: CSE Sem: VIII SEMESTER

QuestionPaper Downloading

Sem: VIII SEMESTER Internal Exam: ESE Subjects: E-COMMERCE [Download Question Paper](#)

- vii) The students can register for revaluation.
- viii) The students can pay Re-valuation examination fee online.
- ix) The students can view the revaluation results, when published.
- x) The students can apply and pay online for CMM, PC & OD.
- xi) The students can view the External Examinations Time Table online.



The screenshot shows the Student Portal interface for Karapya Institute of Technology & Science. The user is logged in as H.TNO. 0190800, Name: MOJULLA AMULYA, Branch: CSE Sem: VI SEMESTER. The main content area displays the 'External Exam Time Table' for the semester 'VI SEMESTER' in 'APRIL 2019'. The table lists the following subjects and sessions:

Subject Name	From Date	To Date	Session
U14MH01 - MANAGEMENT, ECONOMICS AND ACCOUNTANCY	01-05-2019		03:30 AM TO 12:30 PM
U14CS802 - SOFTWARE TESTING AND QUALITY ASSURANCE	03-05-2019		03:30 AM TO 12:30 PM
U14CS803A - BIG DATA MANAGEMENT	06-05-2019		03:30 AM TO 12:30 PM
U14CS803B - INFORMATION RETRIEVAL SYSTEMS	06-05-2019		03:30 AM TO 12:30 PM
U14CS803C - NATURAL LANGUAGE PROCESSING	06-05-2019		03:30 AM TO 12:30 PM
U14CS803A - E-COMMERCE	06-05-2019		03:30 AM TO 12:30 PM
U14CS804B - SEMANTIC WEB AND SOCIAL NETWORKS	06-05-2019		03:30 AM TO 12:30 PM
U14CS804C - WEB SERVICES	06-05-2019		03:30 AM TO 12:30 PM
U14CS805 - CASE TOOLS & SOFTWARE TESTING LABORATORY	13-05-2019	18-05-2019	08:30 AM TO 05:00 PM
U14CS806 - MOBILE APPLICATIONS DEVELOPMENT LABORATORY	13-05-2019	18-05-2019	08:30 AM TO 05:00 PM
U14CS807 - MAJOR PROJECT WORK: PHASE - I	25-05-2019		08:30 AM TO 03:00 PM

- xii) Examination Branch communicating, through SMS, about the status of candidate/parent application like issue of PC, CGS, Transcripts, CGPA to Percentage conversion certificate, Name correction and information regarding fee notifications and examination schedules.

COVID-19 pandemic-Online Examinations:

As per the guidelines of AICTE and UGC, Mid Semester and End Semester examinations were conducted in online mode during COVID-19 pandemic.

May-June, 2020

Examination branch developed an application to conduct MCQ based Minor & Mid Semester Examinations.



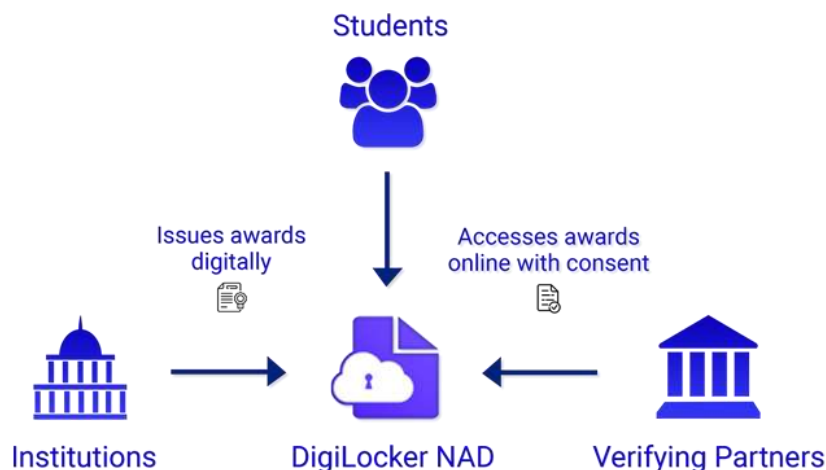
August-December, 2020

In view of COVID-19 pandemic, as per the guidelines of the AICTE and UGC, MSE and ESE in descriptive mode were conducted through online using Microsoft Teams.

Institute specific Microsoft teams login credentials were created and communicated to each and every student to appear for the MSE and ESE. Students were monitored through virtual invigilator while appearing for the examinations for every 30 students. Students were informed to write answers on A4 papers, scan the hand written answer script and upload them in merged PDF using the link provided in the Microsoft teams.

NATIONAL ACADEMIC DEPOSITORY (Digi Locker):

The Examination Branch has introduced National Academic Depository, an online store house of all academic awards from *January, 2021*.



The vision of National Academic Depository (NAD) is born out of an initiative to provide an online store house of all academic awards. National Academic Depository (NAD) is a 24X7 online store house of all academic awards viz. certificates, diplomas, degrees, mark-sheets etc. duly digitised and lodged by academic institutions / boards / eligibility assessment bodies. NAD not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage.

DigiLocker and NAD are initiatives of Ministry of Electronics and Information Technology (MeitY) and Ministry of Human Resource Development (MHRD) respectively. The concept of National Academic Depository (NAD) is born out of an initiative by MHRD to provide a 24X7 online depository to Academic institutions to store and publish their academic awards. The digital depository not only ensures easy access to and retrieval of an academic award but also validates and guarantees its authenticity and safe storage.

It aspires to make the vision of Digital Academic awards for every Indian a reality.

FEATURES:

- Operates in fully online mode
- Allows Academic Institutions to lodge Academic Awards in digital format and maintains the integrity of the awards
- Allows Students to retrieve their lodged academic awards at any time
- Allows Employers and other persons (with consent of the concerned Student) to verify the authenticity of any Academic Award
- Maintains the authenticity, integrity and confidentiality

BENEFITS:

- Globally recognized and legally valid awards under IT Act, 2000
- Secure Issuance of Digital Awards in students' DigiLocker account
- Access to Millions of Digital awards from single source of truth
- Reduces and Eliminates circulation of fake certificates
- Consent based Online and Reliable Verification process
- No risk of losing or spoiling of Academic awards
- Easily sharable & verifiable with anybody

DigiLocker aims at promoting Paperless Governance by issuing authentic digital documents issued by various issuers to citizens locker account. The issued documents in DigiLocker system are deemed to be at par with original physical documents as per Rule 9A of the Information Technology (Preservation and Retention of Information by Intermediaries providing Digital Locker facilities) Rules, 2016.

Paytm QR Code:

February 2021: The Examination Branch has introduced online fee payment through **Paytm QR code (Scanning the following QR code)** for all types of fee payments related to Examination Branch. With this the payment for any type of fee can be paid by 4 different online modes.

1st Option: Payment through Paytm QR code (Scan below mentioned QR code)

Paytm accepts all debit cards, credit cards and net banking options for payment of all types of fees. Along with these options, Paytm also offers its Paytm Wallet through which the fee can be paid. Paytm accepts VISA, Mastercard, Maestro and Rupay cards.

Students can also pay the desired fee through Paytm APP & through web @ paytm.com

The students can pay the following fees using Paytm QR Code:

1. Admit Slip , in case of lost Hall Ticket with a validity of one day
2. Admit Slip, in case of lost ID card with a validity of one day
3. No Backlog/ Backlog summary certificates
4. CGPA to Percentage conversion Certificate
5. Issue of PC, CGS & OD certificates
6. Transcripts etc.
7. Consolidated grade sheet/provisional certificate/original degree certificate etc.

2nd Option: Payment through APP	3rd Option: Payment through WEB @ paytm.com
Download the paytm App	Go to paytm.com and search for ' Education Fees ' or https://m.paytm.me/kits_web
Search for "Education Fees"	Select the institute KITS, Warangal
Tap on "Select your Institute's Location" box	Confirm the fee details and proceed
Enter your State or City's name or Choose your State or City	Pick your payment option. 'Pay Now' with your Paytm Wallet or Debit Card/ Credit card/ Net Banking
Tap on "Select your Institute Box" and Choose "KITS, Warangal" from the options.	Under 'Fee Payment' option tap 'Institute'
Tap on "Select Fee Details" and choose "Examination Fee Regular" from the dropdown list. Enter your Roll number in "Admission Number" box and ensure your details and click on "Proceed" and complete the payment.	Enter your Roll number and ensure your details to Proceed further.

4th Option: Payment through WEB @ <https://www.kitswexams.com/BET%20E-PORTAL>

- Step 1:** Open <https://www.kitswexams.com/BET%20E-PORTAL> to register for examination. Click on “Login” and Click “Student Login”.
- Step 2:** Enter User Name: **Student Roll Number (Ex: B20CS000)**
- Step 3:** Enter Password: **AAAADDDMMYYYY (AAAA: First 4 digits of Aadhaar number, DDMMYYYY: Date of Birth as per SSC)**
- Step 4:** Click the “Online Fee Payments” Button in the left side pane to pay the Examination Fee.
- Step 5:** To pay the Regular Examination Fee, click on the “Regular Fee Payment” button, then it will reflect Regular Fee Details. To pay the Supplementary Examination Fee, click on the “Supply Fee Payment” button, then it will reflect Supply Fee Details.
- Step 6:** Click on “Submit Fee Details”. A Captcha will display with Orange Colour, Enter exact Captcha in text box and Click on “Go to Payment” Button to make payment.
- Step 7:** Page will redirect to Payment gateway.
- Step 8:** Select payment method or Login to use **paytm** balance or saved cards.
- Step 9:** After successful payment, you can **download** the payment receipt in “Online Fee Payments” tab by clicking “Regular/Supply Fee Receipts”.

WES/World Education Services: Electronic Delivery of Documents

The Examination Branch introduced WES (Digital Transmission Option: Secure File Transfer Protocol - SFTP) which can easily transfer academic documents using SFTP.

- This digital option replaces postal mail/courier mail.
- The same academic documents that were sent in sealed envelopes can now be sent via secure file transfer digitally.
- SFTP is a secure server-to-server file transfer between WES and Institution
- The transfer is encrypted and the content can't be read while it is being transmitted
- **This process can be used for both WES US and WES Canada.**
- WES will set up an account for your institution, associated with an e-mail address.
- There are different SFTP platforms – WES uses Quatrix.

2. PARENT-CENTRIC REFORMS

- i) Examination portal to access all examination information.
- ii) To register, pay online and view the results.
- iii) Instant Online fee payment receipt is being provided after successful fee payment for regular/supplementary examination or re-valuation.
- iv) During parents visit / interaction, quick updated consolidated grade sheets information, up to the current semester is being provided.
- v) Examination Branch communicating information to parents regarding absent of their ward to the examination, if any, through SMS. Also communicating about the status of applications like PC, CGS, Name correction, Transcripts, CGPA to Percentage conversion certificate and information regarding fee notifications, examination schedules.

3. FACULTY-CENTRIC

- i) MSE question paper templates are provided
- ii) A separate mid semester question paper printing slot is given to the faculty members to optimize their time and also to acquire the question papers well in advance and to store under the control of Addl. Controller of Examinations / Prof. I/c of Examinations.
- iii) 105 ppm digital duplicator is purchased to cater the needs and to save the faculty time.
- iv) Report pane is provided to save faculty time
MSE marks report displays:
 - Min marks,
 - Max marks,
 - No. of students scoring less than 35%,
 - Average mark,
 - Standard deviation,
 - No. of students scoring more than 60%
- v) Continuous Internal evaluation report pane:
 - It calculates average of I & II MSE
 - Average of eight (08) TA marks
 - Sum of average of MSE & average of TA Displays
 - Min marks, Max marks,
 - No. of students scoring less than 35%,
 - Average mark, Standard deviation,
 - No. of students scoring more than 60%
 - Branch-wise/Course-wise/section-wise results analysis
 - Lab Internal Evaluation Marks report pane

Marks Report



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
(An Autonomous Institute under Kakatiya University, Warangal)
Office of the Controller of Examinations

Continuous Internal Evaluation Sheet

Class: B.Tech.

Sem: VII Semester

Section: CSE I

Date: 24 Nov 2017

Course Name: Digital Image Processing

Total Marks: 40

Examiner's Name: NARASIMHA REDDY

SNo.	Roll No.	MSE-1	MSE-2	Avg. MSE	TA Avg.	Total(40)
1	B14CS001	22	22	22	15	37
2	B14CS002	18	16	17	15	32
3	B14CS003	21	24	23	15	38
4	B14CS004	14	15	15	15	30
5	B14CS005	14	10	12	15	27
6	B14CS006	A	12	6	13	19
7	B14CS008	0	0	0	0	0
8	B14CS009	0	0	0	0	0
9	B14CS010	0	0	0	0	0
10	B14CS011	23	19	21	15	36
11	B14CS012	0	0	0	0	0
12	B14CS013	15	17	16	15	31
13	B14CS014	0	0	0	0	0
14	B14CS015	0	0	0	0	0
15	B14CS017	15	22	19	15	34
16	B14CS018	0	0	0	0	0
17	B14CS019	14	20	17	15	32
18	B14CS020	0	0	0	0	0
19	B14CS021	0	0	0	0	0
20	B14CS022	0	0	0	0	0
21	B14CS023	10	10	10	15	25
22	B14CS024	13	13	13	14	27
23	B14CS025	13	15	14	15	29
24	B14CS026	6	20	13	13	26
25	B14CS027	20	23	22	15	37
26	B14CS028	20	21	21	15	36
27	B14CS029	A	17	9	15	24
28	B14CS030	12	11	12	15	27
29	B14CS031	12	16	15	15	30
30	B14CS032	4	9	7	14	21
31	B14CS033	0	0	0	0	0
32	B14CS034	22	20	21	15	36
33	B14CS035	24	25	25	15	40
34	B14CS036	0	0	0	0	0
35	B14CS037	0	0	0	0	0

SNo.	Roll No.	MSE-1	MSE-2	Avg. MSE	TA Avg.	Total(40)
36	B14CS038	22	25	24	15	39
37	B14CS039	24	25	25	15	40
38	B14CS040	A	0	0	0	0
39	B14CS041	21	22	22	15	37
40	B14CS042	0	0	0	0	0
41	B14CS043	0	0	0	0	0
42	B14CS044	12	23	18	15	33
43	B14CS045	9	9	9	14	23
44	B14CS046	13	15	14	15	29
45	B14CS047	0	0	0	0	0
46	B14CS048	0	0	0	0	0
47	B14CS049	0	0	0	0	0
48	B14CS050	0	0	0	0	0
49	B14CS051	0	0	0	0	0
50	B14CS052	22	19	21	15	36
51	B14CS053	0	0	0	0	0
52	B14CS054	0	0	0	0	0
53	B14CS056	14	3	9	15	24
54	B14CS057	25	25	25	15	40
55	B14CS058	19	18	19	15	34
56	B14CS059	0	0	0	0	0
57	B14CS060	0	0	0	0	0
58	B15CS121L	0	0	0	0	0
59	B15CS122L	0	0	0	0	0
60	B15CS123L	0	0	0	0	0
61	B15CS124L	0	0	0	0	0
62	B15CS125L	0	0	0	0	0
63	B15CS126L	0	0	0	0	0
64	B15CS127L	0	0	0	0	0
65	B15CS128L	9	16	13	15	28
66	B15CS129L	0	0	0	0	0
67	B15CS130L	0	0	0	0	0
68	B15CS131L	0	0	0	0	0
69	B15CS132L	0	0	0	0	0

Result Summary:

No. of students scoring <24: 39

Maximum Mark: 40

% of students scoring >=60% of Total Marks: 43.48%

No. of students scoring >=24: 30

Average Mark: 15

Minimum Mark: 0

Std. Deviation: 16.32

Note to the students:

(1) Students should go through their valued answer scripts without fail.

(2) Students should check the marks displayed and any discrepancy must be brought to the notice of the faculty concerned within three (3) days from the date on which this marks sheet is displayed. Afterwards no request from students will be entertained.

Submitted in the Exam Branch on: 24/11/17

Marks Verified by: SIGNATURE OF THE EXAMINER 

4. HOD-CENTRIC REFORMS

- i) Student performance report is provided which displays semester-wise academic results of a student including SGPA and CGPA, upto the current semester.




KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL-15
(An Autonomous Institute under Kakatiya University, Warangal)

Office of the Controller of Examinations

STUDENT ACADEMIC PERFORMANCE REPORT UPTO 09th July, 2018

B14CS001											
SAMANTHULA RASAGNYA											
Sem: 1						Sem: 2					
S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year	S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year
1	U14MH101	ENGINEERING MATHEMATICS-I	4	B	Jan-2015	1	U14MH201	ENGINEERING MATHEMATICS-II	4	A	May-2015
2	U14CS102	PROGRAMMING IN C	4	A	Jan-2015	2	U14CS202	OBJECT ORIENTED PROGRAMMING THR	4	S	May-2015
3	U14PH103	ENGG. PHYSICS	4	B	Jan-2015	3	U14CH203	ENGG. CHEMISTRY	4	A	May-2015
4	U14MH104	ENGLISH FOR COMMUNICATION	3	B	Jan-2015	4	U14ME204	ENGINEERING DRAWING	4	C	May-2015
5	U14EI105	BASIC ELECTRONICS ENGG.	3	C	Jan-2015	5	U14EE205	BASIC ELECTRICAL ENGG.	3	B	May-2015
6	U14ME106	BASIC MECHANICAL ENGG.	3	S	Jan-2015	6	U14CE206	BASIC ENGG. MECHANICS	4	A	May-2015
7	U14CS107	PROGRAMMING IN 'C' LAB	2	S	Jan-2015	7	U14CS207	OBJECT ORIENTED PROGRAMMING (OOO	2	S	May-2015
8	U14PH108	ENGG. PHYSICS LAB	2	S	Jan-2015	8	U14CH208	ENGG. CHEMISTRY LAB	2	S	May-2015
9	U14ME109	ENGG. WORKSHOP PRACTICE	2	A	Jan-2015	9	U14CH209	ENVIRONMENTAL STUDIES	0	B	May-2015
10	U14EA110	EAA: PHYSICAL EDUCATION & NSS	0	S	Jan-2015	10	U14EA210	EAA: PHYSICAL EDUCATION & NSS	0	C	May-2015
SGPA: 8.63 CGPA: 8.63						SGPA: 8.89 CGPA: 8.76					
No. of backlogs in I Semester: 0						No. of backlogs in II Semester: 0					
Sem: 3						Sem: 4					
S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year	S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year
1	U14MH301	ENGINEERING MATHEMATICS-III	4	C	Nov-2015	1	U14MH401	ENGINEERING MATHEMATICS-IV	4	S	Apr-2016
2	U14MH302	DISCRETE MATHEMATICS	4	C	Nov-2015	2	U14CS402	THEORY OF COMPUTATION	4	S	Apr-2016
3	U14EI303	DIGITAL CIRCUITS AND LOGIC DESIGN	4	D	Nov-2015	3	U14CS403	DATABASE MANAGEMENT SYSTEMS	4	A	Apr-2016
4	U14CS304	COMPUTER ARCHITECTURE AND ORGAN	4	C	Nov-2015	4	U14CS404	SOFTWARE ENGINEERING	4	B	Apr-2016
5	U14CS305	DATA STRUCTURES AND ALGORITHMS	4	B	Nov-2015	5	U14CS405	OPERATING SYSTEMS	4	B	Apr-2016
6	U14CS306	OBJECT ORIENTED PROGRAMMING THR	4	B	Nov-2015	6	U14CS406	DATABASE MANAGEMENT SYSTEMS LAB	2	S	Apr-2016
7	U14CS307	DATA STRUCTURES AND ALGORITHMS L	2	C	Nov-2015	7	U14CS407	OPERATING SYSTEMS LABORATORY	2	S	Apr-2016
8	U14CS308	JAVA PROGRAMMING LABORATORY	2	C	Nov-2015	8	U14EE412	BASIC ELECTRICAL AND ELECTRONICS E	2	A	Apr-2016
9	U14MH309S	SOFT AND INTERPERSONAL SKILLS	0	S	Nov-2015	9	U14MH409C	COMPLIANCE WITH CURRENT ENGLISH	0	B	Apr-2016
SGPA: 7.14 CGPA: 8.21						SGPA: 9.15 CGPA: 8.44					
No. of backlogs in III Semester: 0						No. of backlogs in IV Semester: 0					
Sem: 5						Sem: 6					
S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year	S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year
1	U14CS501	COMPUTER NETWORKS	4	B	Nov-2016	1	U14OE601B	PROJECT MANAGEMENT	4	B	Apr-2017
2	U14CS502	DESIGN AND ANALYSIS OF ALGORITHMS	4	S	Nov-2016	2	U14CS602	WIRELESS AND MOBILE COMMUNICATIO	4	A	Apr-2017
3	U14EI503	MICROPROCESSORS AND INTERFACING	4	S	Nov-2016	3	U14CS603	MACHINE LEARNING	4	B	Apr-2017
4	U14CS504	LANGUAGE PROCESSORS	4	S	Nov-2016	4	U14CS604	DATA WAREHOUSING AND DATA MINING	4	B	Apr-2017
5	U14CS505	WEB PROGRAMMING	4	A	Nov-2016	5	U14CS605	CRYPTOGRAPHY AND NETWORK SECUR	4	S	Apr-2017
6	U14CS506	LANGUAGE PROCESSORS LABORATORY	2	S	Nov-2016	6	U14CS606A	ADVANCED DATABASES	4	B	Apr-2017
7	U14CS507	WEB PROGRAMMING LABORATORY	2	S	Nov-2016	7	U14CS607	DATA ANALYTICS LABORATORY	2	A	Apr-2017
8	U14EI510	DIGITAL ELECTRONICS AND MICROPRO	2	S	Nov-2016	8	U14CS608	GUI PROGRAMMING LABORATORY	2	A	Apr-2017
9	U14CS509	SEMINAR	1	A	Nov-2016	9	U14CS609	MINI PROJECT	2	S	Apr-2017
SGPA: 9.52 CGPA: 8.65						SGPA: 8.67 CGPA: 8.65					
No. of backlogs in V Semester: 0						No. of backlogs in VI Semester: 0					
Sem: 7						Sem: 8					
S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year	S.No.	Sub.Code	Sub.Name	Cr.	Gr.	Mon/Year
1	U14OE701A	OPERATIONS RESEARCH	4	B	Nov-2017	1	U14MH801	MANAGEMENT, ECONOMICS AND ACCO	4	B	Apr-2018
2	U14CS702	MIDDLEWARE TECHNOLOGIES	4	B	Nov-2017	2	U14CS802	SOFTWARE TESTING AND QUALITY ASSU	4	A	Apr-2018
3	U14CS703	CLOUD COMPUTING	4	A	Nov-2017	3	U14CS803A	BIG DATA MANAGEMENT	4	A	Apr-2018
4	U14CS704B	DIGITAL IMAGE PROCESSING	4	A	Nov-2017	4	U14CS804A	E-COMMERCE	4	B	Apr-2018
5	U14CS705C	HUMAN COMPUTER INTERACTION	4	A	Nov-2017	5	U14CS805	CASE TOOLS & SOFTWARE TESTING LAB	2	S	Apr-2018
6	U14CS706	MIDDLEWARE TECHNOLOGIES LABORAT	2	S	Nov-2017	6	U14CS806	MOBILE APPLICATIONS DEVELOPMENT L	2	A	Apr-2018
7	U14CS707	OBJECT ORIENTED ANALYSIS AND DESI	2	S	Nov-2017	7	U14CS807	MAJOR PROJECT WORK PHASE -II	7	S	Apr-2018
8	U14CS708	MAJOR PROJECT WORK PHASE-I	4	S	Nov-2017						
SGPA: 9 CGPA: 8.7						SGPA: 9.04 CGPA: 8.75					
No. of backlogs in VII Semester: 0						No. of backlogs in VIII Semester: 0					
No. of backlogs in I Year: 0						Total No. of backlogs upto 09th July, 2018: 0					
No. of backlogs in II Year: 0											

- ii) Result Analysis is being provided in various formats
- a) Branch-wise percentage
 - b) Branch-wise percentage Chart
 - c) Branch-wise course-wise percentage chart
 - d) Branch-wise course-wise percentage
 - e) Branch-wise section-wise percentage
 - f) Course percentage
 - g) Branch-wise course-wise section-wise percentage
 - h) Tabulation Register
 - i) Abstract on Course Outcome Attainment Level
 - j) Abstract on Cognitive Domain Attainment Level



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
 (An Autonomous Institute under Kakatiya University, Warangal)
 500 075, Warangal, Telangana State, India.
 Website: www.kitsw.ac.in | Email: info@kitsw.ac.in

Office of the Controller of Examinations

No of Students Scoring >= 'Th'	45	28	
Course Outcome Attainment Level (COAL)	2	0	

ABSTRACT ON COURSE OUTCOME ATTAINMENT LEVEL

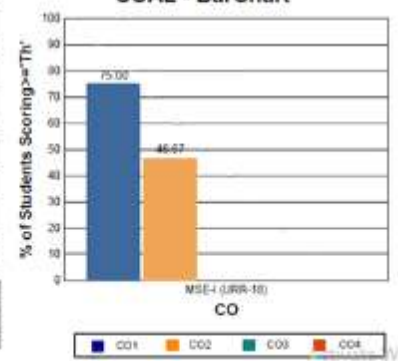
IT B.TECIL 1 SEMESTER 2018 - 2019 U18CS102 PROGRAMMING FOR PROBLEM SOLVING USING C

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem
PPSC		MSE-I (IRR-18)		2018 - 2019 1 SEMESTER

Total Number Of Students	50			
Course Outcome	CO1	CO2	CO3	CO4
Max Marks	15.00	15.00	--	--
Threshold(Th)(Th>=50% of Maximum Marks)	7.50	7.50	--	--
No of Students Scoring >= 'Th'	45	28		
% of Students Scoring >= 'Th'	75.00	46.67		
Course Outcome Attainment Level(COAL)	2	0		

Course Outcome Attainment Level=1	If 60% of Students score >= 'Th'
Course Outcome Attainment Level=2	If 70% of Students score >= 'Th'
Course Outcome Attainment Level=3	If 80% of Students score >= 'Th'

COAL - BarChart



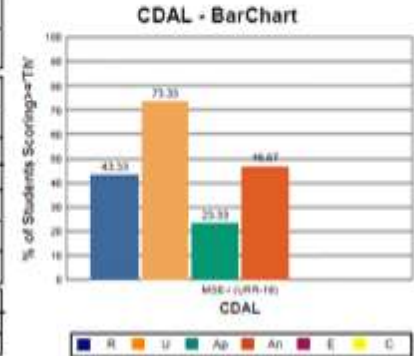
CO	% of Students Scoring >= Th
CO1	75.00
CO2	46.67
CO3	
CO4	



ABSTRACT ON COGNITIVE DOMAIN ATTAINMENT LEVEL

IT B.TECH. I SEMESTER 2018 - 2019 U18CS102 PROGRAMMING FOR PROBLEM SOLVING USING C

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem			
PPSC		MSE-I (URR-18)		2018 - 2019 I SEMESTER			
Total Number Of Students		60					
Cognitive Domain Learning Level (CDLL)		R	U	Ap	An	E	C
Max Marks		12.00	13.00	1.00	4.00	--	--
Threshold('Th')('Th'=50% of Maximum Marks)		6.00	6.50	0.50	2.00	--	--
No of Students Scoring >= 'Th'		20	44	14	26		
% of Students Scoring >= 'Th'		43.33	73.33	23.33	46.67		
Cognitive Domain Attainment Level (CDAL)		0	2	0	0	--	--
Cognitive Domain Attainment Level #1		If 60% of Students score >= 'Th'					
Cognitive Domain Attainment Level #2		If 70% of Students score >= 'Th'					
Cognitive Domain Attainment Level #3		If 80% of Students score >= 'Th'					

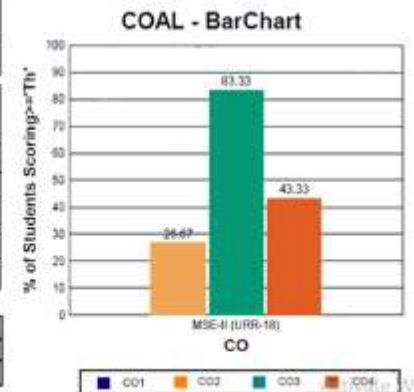


No of Students Scoring >= 'Th'	16	50	26
Course Outcome Attainment Level (COAL)	0	3	0

ABSTRACT ON COURSE OUTCOME ATTAINMENT LEVEL

IT B.TECH. I SEMESTER 2018 - 2019 U18CS102 PROGRAMMING FOR PROBLEM SOLVING USING C

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem	
PPSC		MSE-II (URR-18)		2018 - 2019 I SEMESTER	
Total Number Of Students		60			
Course Outcome		CO1	CO2	CO3	CO4
Max Marks		--	9.00	10.00	11.00
Threshold('Th')('Th'=50% of Maximum Marks)		--	4.50	5.00	5.50
No of Students Scoring >= 'Th'			16	50	26
% of Students Scoring >= 'Th'			26.67	83.33	43.33
Course Outcome Attainment Level(COAL)		0	3	0	
Course Outcome Attainment Level#1		If 60% of Students score >= 'Th'			
Course Outcome Attainment Level#2		If 70% of Students score >= 'Th'			
Course Outcome Attainment Level#3		If 80% of Students score >= 'Th'			

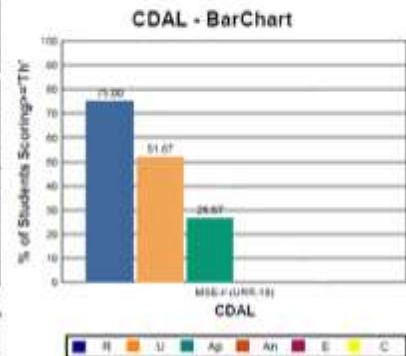




ABSTRACT ON COGNITIVE DOMAIN ATTAINMENT LEVEL

IT B.TECH. I SEMESTER 2018 - 2019 U18C5102 PROGRAMMING FOR PROBLEM SOLVING USING C

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem			
PPSC		MSE-II (URR-18)		2018 - 2019 I SEMESTER			
Total Number Of Students		60					
Cognitive Domain Learning Level (CDLL)		R	U	Ap	An	E	C
Max Marks		8.00	10.00	12.00	--	--	--
Threshold('Th')('Th'=50% of Maximum Marks)		4.00	5.00	6.00	--	--	--
No of Students Scoring >= 'Th'		45	31	16			
% of Students Scoring >= 'Th'		75.00	51.67	26.67			
Cognitive Domain Attainment Level (COAL)		2	0	0	--	--	--
Cognitive Domain Attainment Level =1		If 60% of Students score >= 'Th'					
Cognitive Domain Attainment Level =2		If 70% of Students score >= 'Th'					
Cognitive Domain Attainment Level =3		If 80% of Students score >= 'Th'					



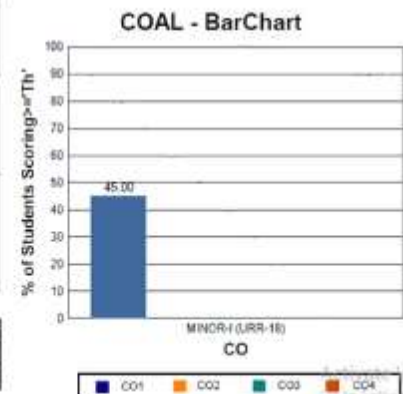
No of Students Scoring >= 'Th' 27

Course Outcome Attainment Level (COAL) 0

ABSTRACT ON COURSE OUTCOME ATTAINMENT LEVEL

IT B.TECH. I SEMESTER 2018 - 2019 U18EE105 BASIC ELECTRICAL ENGINEERING

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem	
BEE		MINOR-I (URR-18)		2018 - 2019 I SEMESTER	
Total Number Of Students		60			
Course Outcome		CO1	CO2	CO3	CO4
Max Marks		10.00	--	--	--
Threshold('Th')('Th'=50% of Maximum Marks)		5.00	--	--	--
No of Students Scoring >= 'Th'		27			
% of Students Scoring >= 'Th'		45.00			
Course Outcome Attainment Level(COAL)		0			
Course Outcome Attainment Level=1		If 60% of Students score >= 'Th'			
Course Outcome Attainment Level=2		If 70% of Students score >= 'Th'			
Course Outcome Attainment Level=3		If 80% of Students score >= 'Th'			

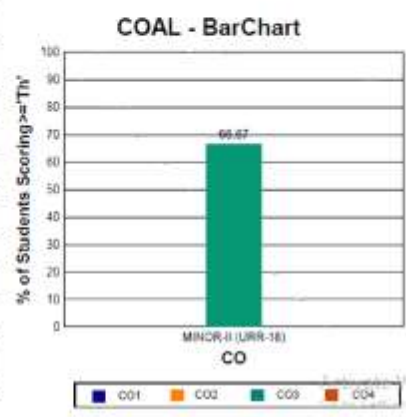




No of Students Scoring >= 'Th'			40
Course Outcome Attainment Level (COAL)			1

ABSTRACT ON COURSE OUTCOME ATTAINMENT LEVEL
IT B.TECH. I SEMESTER 2018 - 2019 U18EE105 BASIC ELECTRICAL ENGINEERING

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem
BEE		MINOR-II (URR-18)		2018 - 2019 I SEMESTER
Total Number Of Students		60		
Course Outcome	CO1	CO2	CO3	CO4
Max Marks	--	--	10.00	--
Threshold('Th')('Th')=50% of Maximum Marks)	--	--	5.00	--
No of Students Scoring >= 'Th'			40	
% of Students Scoring >= 'Th'			66.67	
Course Outcome Attainment Level(COAL)			1	



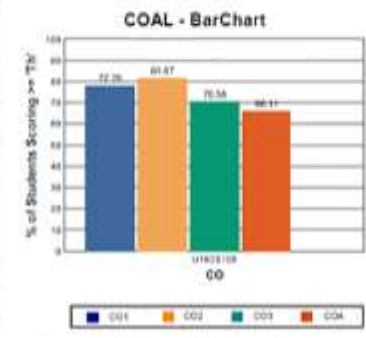
Course Outcome Attainment Level=1	If 60% of Students score >= 'Th'
Course Outcome Attainment Level=2	If 70% of Students score >= 'Th'
Course Outcome Attainment Level=3	If 80% of Students score >= 'Th'



No of Students Scoring >= 'Th'	140	147	127	118
Course Outcome Attainment Level (COAL)	2	3	2	1

ABSTRACT ON COURSE OUTCOME ATTAINMENT LEVEL
ECE B.TECH. I SEMESTER 2018 - 2019 U18CE105 ENGINEERING MECHANICS

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem
EM		ESE		2018 - 2019 I SEMESTER
Total Number Of Students		180		
Course Outcome	CO1	CO2	CO3	CO4
Max Marks	16.00	14.00	12.00	12.00
Threshold('Th')('Th')=50% of Maximum Marks)	8.00	7.00	6.00	6.00
No of Students Scoring >= 'Th'	140	147	127	118
% of Students Scoring >= 'Th'	77.78	81.67	70.56	66.11
Course Outcome Attainment Level(COAL)	2	3	2	1



Course Outcome Attainment Level=1	If 60% of Students score >= 'Th'
Course Outcome Attainment Level=2	If 70% of Students score >= 'Th'
Course Outcome Attainment Level=3	If 80% of Students score >= 'Th'

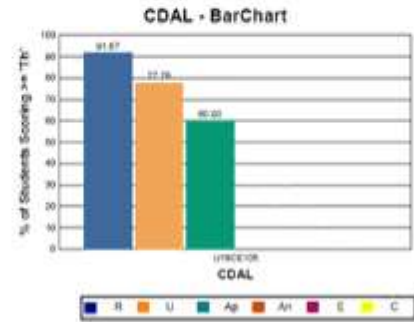


ABSTRACT ON COGNITIVE DOMAIN ATTAINMENT LEVEL
 ECE B.TECH I SEMESTER 2018 - 2019 U18CE105 ENGINEERING MECHANICS

Course Name	Faculty Name	Type of Exam	Date of Exam	Academic Year & Sem
EM		ESE		2018 -2019 I SEMESTER

Total Number Of Students	180					
Cognitive Domain Learning Level (CDLL)	R	U	Ap	An	E	C
Max Marks	4.00	6.00	44.00	-	-	-
Threshold(Th)(Th=50% of Maximum Marks)	2.00	3.00	22.00	-	-	-
No of Students Scoring >= 'Th'	165	140	108			
% of Students Scoring >= 'Th'	91.67	77.78	60.00			
Cognitive Domain Attainment Level (CDAL)	3	2	1	-	-	-

Cognitive Domain Attainment Level =1	If 60% of Students score >= 'Th'
Cognitive Domain Attainment Level =2	If 50% of Students score >= 'Th'
Cognitive Domain Attainment Level =3	If 40% of Students score >= 'Th'



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

WARANGAL-15, TELANGANA STATE, INDIA

REGULAR RESULTS ANALYSIS B.TECH. VIII SEMESTER REGULATION : URR-14 APRIL 2019

BRANCH	CE		CSE		ECE		EEE		EIE		IT		ME		TOTAL	
TOTAL NO. OF CAND REGD.	137		209		213		150		64		57		132		962	
TOTAL NO. OF CAND PASSED	136		207		207		147		61		54		129		941	
PASS %	99.27		99.04		97.18		98		95.31		94.74		97.73		97.82	
SUBJECTS	PASSED	%	PASSED	%	PASSED	%	PASSED	%	PASSED	%	PASSED	%	PASSED	%	PASSED	%
U14CE802	136	99.3													136	99.3
U14CE803D	137	100													137	100
U14CE804B	89	100													89	100
U14CE804C	47	97.9													47	97.9
U14CE805	137	100													137	100
U14CE806	137	100													137	100
U14CE807	137	100													137	100
U14CS802			208	99.5											208	99.5
U14CS803A			207	99											207	99
U14CS804A			209	100											209	100
U14CS805			209	100											209	100
U14CS806			209	100											209	100
U14CS807			209	100											209	100
U14EC802					209	98.1									209	98.1
U14EC803A					71	94.7									71	94.7
U14EC803B					137	99.3									137	99.3
U14EC804B					133	98.5									133	98.5
U14EC804C					77	98.7									77	98.7
U14EC805					213	100									213	100
U14EC806					213	100									213	100
U14EC807					213	100									213	100
U14EE802							149	99.3							149	99.3
U14EE803B							98	98							98	98
U14EE803C							49	98							49	98
U14EE804B							149	99.3							149	99.3
U14EE805							150	100							150	100
U14EE806							150	100							150	100
U14EE807							150	100							150	100
U14EI802									64	100					64	100
U14EI803A									63	98.4					63	98.4
U14EI804B									62	96.9					62	96.9
U14EI805									64	100					64	100
U14EI806									64	100					64	100
U14EI807									64	100					64	100
U14IT802											55	96.5			55	96.5
U14IT803A											54	94.7			54	94.7
U14IT804A											56	98.3			56	98.3
U14IT805											57	100			57	100
U14IT806											57	100			57	100
U14IT807											57	100			57	100
U14ME802													131	99.2	131	99.2
U14ME803A													130	98.5	130	98.5
U14ME804A													129	97.7	129	97.7
U14ME805													131	99.2	131	99.2
U14ME806													131	99.2	131	99.2
U14ME807													131	99.2	131	99.2
U14MH801	136	99.3											131	99.2	267	99.3
U14MH801			208	99.5											208	99.5
U14OE801A					28	100									28	100
U14OE801C					70	100	149	99.3	42	100	57	100			318	99.7
U14OE801D					113	98.3			22	100					135	98.5

U14CE802	CONSTRUCTION TECHNOLOGY AND MAN	CE	U14EE807	Major Project Work: Phase- II	EEE
U14CE803D	REPAIR AND REHABILITATION OF STRUC	CE	U14EI802	BIO-MEDICAL SIGNAL PROCESSING	EIE
U14CE804B	CONSTRUCTION CONTRACTS MANAGEMI	CE	U14EI803A	PC BASED INSTRUMENTATION	EIE
U14CE804C	TRAFFIC ENGINEERING AND TRANSPORT	CE	U14EI804B	DATA BASE MANAGEMENT SYSTEMS	EIE
U14CE805	CIVIL ENGINEERING SOFTWARE APPLIC/	CE	U14EI805	PROCESS CONTROL LABORATORY	EIE
U14CE806	ENGINEERING GEOLOGY LABORATORY	CE	U14EI806	BIO MEDICAL INSTRUMENTATION LAB	EIE
U14CE807	MAJOR PROJECT WORK: PHASE- II	CE	U14EI807	MAJOR PROJECT WORK: PHASE- II	EIE
U14CS802	SOFTWARE TESTING AND QUALITY ASSU	CSE	U14IT802	WIRELESS COMMUNICATIONS	IT
U14CS803A	BIG DATA MANAGEMENT	CSE	U14IT803A	SCRIPTING LANGUAGES	IT
U14CS804A	E-COMMERCE	CSE	U14IT804A	BIG DATA ANALYTICS	IT
U14CS805	CASE TOOLS & SOFTWARE TESTING LAB	CSE	U14IT805	NETWORKS SIMULATION LABORATOR	IT
U14CS806	MOBILE APPLICATIONS DEVELOPMENT I	CSE	U14IT806	MOBILE APPLICATIONS DEVELOPMEN	IT
U14CS807	MAJOR PROJECT WORK: PHASE- II	CSE	U14IT807	MAJOR PROJECT WORK PHASE- II	IT
U14EC802	MICRO WAVE ENGINEERING	ECE	U14ME802	COMPUTER INTEGRATED MANUFACTU	ME
U14EC803A	TV AND RADAR ENGINEERING	ECE	U14ME803A	POWER PLANT ENGINEERING	ME
U14EC803B	OPTICAL FIBER COMMUNICATION SYSTE	ECE	U14ME804A	RENEWABLE ENERGY SOURCES	ME
U14EC804B	EMBEDDED SYSTEM DESIGN	ECE	U14ME805	COMPUTER INTEGRATED MANUFACTU	ME
U14EC804C	ROBOTICS AND COMPUTER VISION	ECE	U14ME806	ENERGY ENGINEERING LABORATORY	ME
U14EC805	MICRO WAVE & OPTICAL COMMUNICATI	ECE	U14ME807	MAJOR PROJECT WORK: PHASE- II	ME
U14EC806	SIMULATION LABORATORY	ECE	U14MH801	MANAGEMENT, ECONOMICS & ACCOUN	CE, ME
U14EC807	MAJOR PROJECT WORK: PHASE- II	ECE	U14MH801	MANAGEMENT, ECONOMICS AND ACCC	CSE
U14EE802	Renewable Energy Systems	EEE	U14OE801A	OPERATIONS RESEARCH	ECE
U14EE803B	Advance Power System Protection	EEE	U14OE801C	ENTREPRENEURSHIP DEVELOPMENT	ECE, EEE, EIE, IT
U14EE803C	Real Time Control of Power Systems	EEE	U14OE801D	FOREX AND FOREIGN TRADE	ECE, EIE
U14EE804B	Smart Electric Grid	EEE			
U14EE805	Power Systems Laboratory	EEE			
U14EE806	Renewable Energy Systems Laboratory	EEE			

- iii) Faculty co-ordinators for examinations to bridge the gap between Examination Branch and Department.

5. ADMINISTRATION-CENTRIC

Student Database:

The Examination Branch maintaining student profile which includes full name of the student, father & mother's name, date of birth, address, contact numbers, religion, caste, passport size photograph, signature etc as a database.


This resource will be useful for providing correct spellings of names and titles (as entered in SSC memo) while issuing Grade Sheets, Provisional Certificate, Consolidated Grade Sheet and Degree Certificates.


- i) Enhancement of examination branch area from 2,000 sq. ft to 6,750 sq. ft.
- ii) MSE & ESE planner

iii) Student specific pre-printed bar coded OMR answer booklets

Control Bundle Number

Si. No. 400535






KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE
(An Autonomous Institute under Kakatiya University, Warangal)
Warangal - 506 015, Telangana, India.

PART - I

To be filled by the Registrar FOR ASSESS write 'as'

Hall Ticket No. B15CE101
Name ALABOTHARAM KALYAN
Examination B.TECH V SEMESTER
Month & Year Nov-2017
Branch CIVIL
Course, Code & Name U14CE504 & HIGHWAY ENGINEERING
Date of Exam 08-12-2017




Rajam. S. Sriddy
Principal of the Controller of Examinations

Signature of the Student with date

Signature of the Registrar with date

Date of Exam 08-12-2017
Exam B.TECH V SEMESTER
Branch CIVIL
Course Code U14CE504
Course Name HIGHWAY ENGINEERING



Control Bundle No.

MARKS AWARDED FOR QUESTIONS (for Examiner's award only)

Q.No.	a	b	c	d	e	f	g	h	i	j	Total
1											
2											
3											
4											
5											
6											
7											
8											
Total Marks (in figures):											

PART - IV

Total Marks	St. No. of Answer Booklets
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
Total Marks	St. No. of A.S. in the Bundle

R2

Examination: B.TECH V SEMESTER
Course Code: U14CE504
Course Name: HIGHWAY ENGINEERING


Sign / write within the box only

Scrutinizer's Signature	Examiner's Signature	Marks in Words
-------------------------	----------------------	----------------

To be filled by Scrutinizer

Total Marks	St. No. of A.S. in the Bundle
-------------	-------------------------------

Date of Exam 08-12-2017
Exam B.TECH V SEMESTER
Branch CIVIL
Course Code U14CE504
Course Name HIGHWAY ENGINEERING



Control Bundle No.

MARKS AWARDED FOR QUESTIONS (for Examiner's award only)

Q.No.	a	b	c	d	e	f	g	h	i	j	Total
1											
2											
3											
4											
5											
6											
7											
8											
Total Marks (in figures):											

PART - III

Total Marks	St. No. of Answer Booklets
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
Total Marks	St. No. of A.S. in the Bundle

R1

St. No. of Answer Booklets in the Bundle


Sign / write within the box only

Scrutinizer's Signature	Examiner's Signature	Marks in Words
-------------------------	----------------------	----------------

To be filled by Scrutinizer

Total Marks	St. No. of A.S. in the Bundle
-------------	-------------------------------

Date of Exam 08-12-2017
Exam B.TECH V SEMESTER
Branch CIVIL
Course Code U14CE504
Course Name HIGHWAY ENGINEERING



Control Bundle No.

MARKS AWARDED FOR QUESTIONS (for Examiner's award only)

Q.No.	a	b	c	d	e	f	g	h	i	j	Total
1											
2											
3											
4											
5											
6											
7											
8											
Total Marks (in figures):											

PART - II

Total Marks	St. No. of Answer Booklets
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
Total Marks	St. No. of A.S. in the Bundle

V

Bundle Number for office use only

Sign / write within the box only

Scrutinizer's Signature	Examiner's Signature	Marks in Words
-------------------------	----------------------	----------------

To be filled by Scrutinizer

Total Marks	St. No. of A.S. in the Bundle
-------------	-------------------------------

107

iv) Jumbling system in room-wise daily seating arrangement

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
EXAMINATION BRANCH
SEATING PLAN FOR V-SEMESTER I MID EXAMINATIONS, SEPTEMBER-2017

Note: Roll Nos. of the students are not marked on the tables. The students are advised to sit according to the seating plan.

Date: 04-09-2017 (FN)

MBA & INFO. TECH.

HALL NO.: B-IV 003 **STRENGTH: 10 + 12**

M16MB026	B15IT003	M16MB032	B15IT009
B14IT010	M16MB031	B15IT004	
M16MB027	B15IT002	M16MB033	B15IT008
B14IT037	M16MB030	B15IT005	
M16MB028	B14IT052	M16MB034	B15IT007
B14IT050	M16MB029	B15IT006	M16MB035

v) Jumbling system in discipline-wise daily seating arrangement

KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE, WARANGAL
EXAMINATION BRANCH
SEATING PLAN
B.TECH. VII SEMESTER END SEMESTER EXAMINATIONS, NOVEMBER-2017

Note: Roll Nos. of the students are not marked on the tables. The students are advised to sit according to the seating plan.

Date: 22-11-2017 (FN)

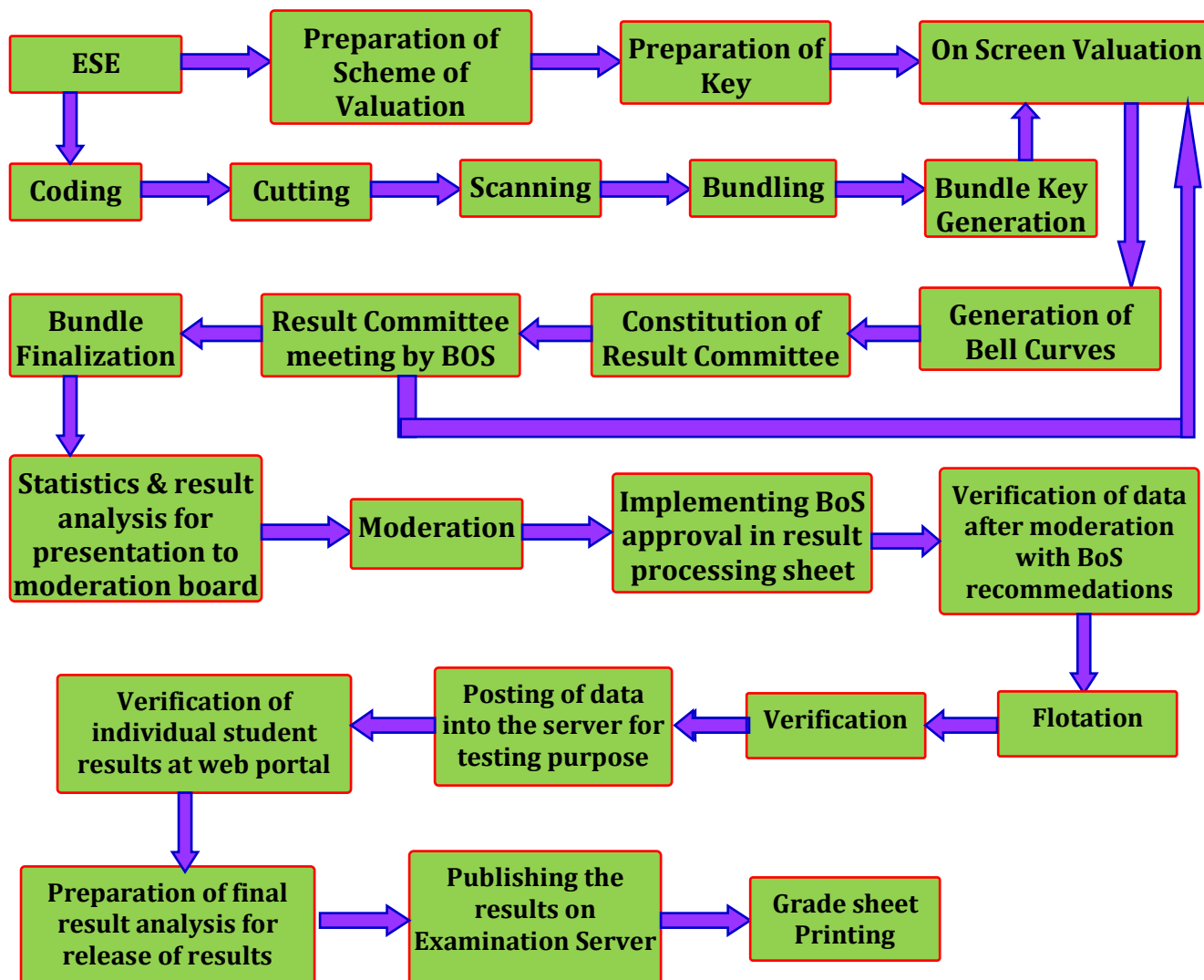
CE (OR) & EIE (MEA)

HALL NO.: B-IV 003 **STRENGTH: 11 + 12**

DAIS			
ROW-1	ROW-2	ROW-3	ROW-4
B14CE022	B14EI007	B14CE061	B14EI014
B14EI001	B14CE053	B14EI008	
B14CE037	B14EI006	B14CE062	B14EI013
B14EI002	B14CE044	B14EI009	B14CE068
B14CE038	B14EI005	B14CE064	B14EI012
B14EI004	B14CE039	B14EI010	B14CE065

- vi) Following specific procedure is religiously followed & two stage manual scrutiny of documents is carried out to avoid errors.

On Screen Valuation initiated from 22.02.2019

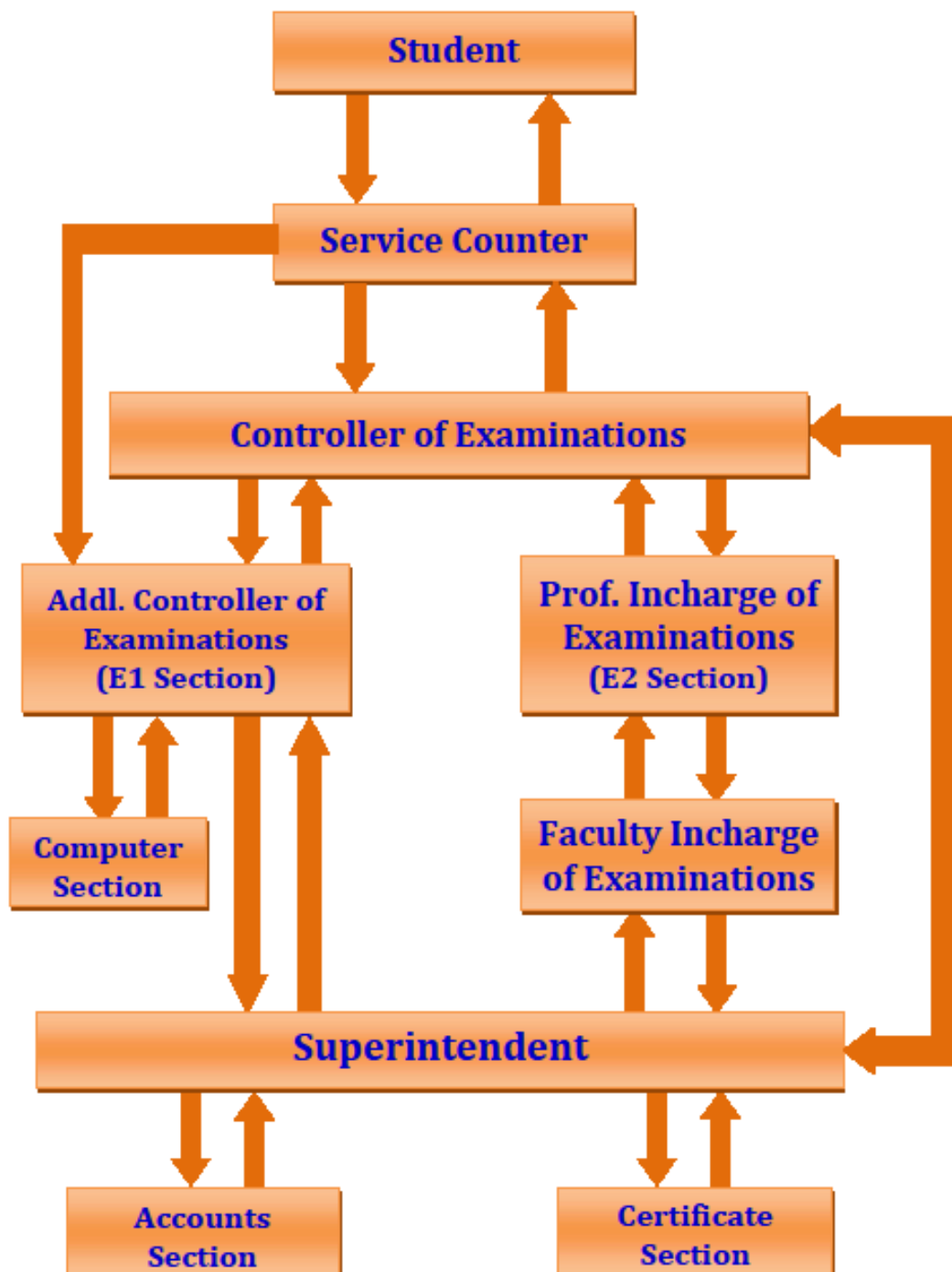


- xiii) Tamper-proof Consolidated Grade Sheets with encrypted QR code is being issued.
- xiv) A separate server to store and retrieve examination-related data pertaining to any student.
- xv) **Timely publication of results:**
The results of UG & PG are declared within the time frame after the last examination. The results are published in the college website.
- xvi) Delta EH-20KVA UPS is available in the examination branch for the un-interrupted power supply to the server system so as to enable 24x7 online fee payment/registration or to view the student particulars like grade sheets and fee receipts.
- xvii) **Special attention to physically challenged/differently abled/students with health reasons:**
The faculty members during invigilation duty pay special attention to the students who obtain prior permission for additional facility/special attention due to their health reasons/differently abled etc. during their examination and
- Permitting scribes during the examinations.
 - Providing exclusive seating to suit their requirements and also availing health supervisor services.

STUDENT APPLICATION PROCESSING FLOW

Based on the requirement, candidates or parents, submit application forms for issue of Grade Sheets, Provisional Certificates, Consolidated Grade Sheets, Degree Certificates and for issue of Transcripts, CGPA to Percentage conversion certificate.

STUDENT APPLICATION PROCESSING FLOW CHART



ACADEMIC PERFORMANCE DURING 2022-23
B.TECH. I-SEMESTER (2022-2026 Batch)

Sl. No.	Branch	Total Appeared	Pass	Pass %
1	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	128	94	73.44
2	CIVIL ENGINEERING	36	23	63.89
3	COMPUTER SCIENCE & ENGINEERING	189	146	77.25
4	COMPUTER SCIENCE & ENGINEERING (NETWORKS)	129	87	67.44
5	ELECTRONICS & COMMUNICATION ENGINEERING	192	115	59.9
6	ELECTRONICS COMMUNICATION & INSTRUMENTATION ENGINEERING	34	23	67.65
7	ELECTRICAL & ELECTRONICS ENGINEERING	45	27	60
8	INTERNET OF THINGS	127	92	72.44
9	INFORMATION TECHNOLOGY	126	95	75.4
10	MECHANICAL ENGINEERING	28	13	46.43
Total :		1034	715	69.15

B.TECH. III-SEMESTER (2021-2025 Batch)

Sl. No.	Branch	Total Appeared	Pass	Pass %
1	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	70	45	64.29
2	CIVIL ENGINEERING	117	57	48.72
3	COMPUTER SCIENCE & ENGINEERING	211	185	87.68
4	COMPUTER SCIENCE & ENGINEERING (NETWORKS)	68	32	47.06
5	ELECTRONICS & COMMUNICATION ENGINEERING	210	148	70.48
6	ELECTRONICS COMMUNICATION & INSTRUMENTATION ENGINEERING	64	24	37.5
7	ELECTRICAL & ELECTRONICS ENGINEERING	133	91	68.42
8	INTERNET OF THINGS	70	54	77.14
9	INFORMATION TECHNOLOGY	141	107	75.89
10	MECHANICAL ENGINEERING	75	34	45.33
Total :		1159	777	67.04

B.TECH. V-SEMESTER (2020-2024 Batch):

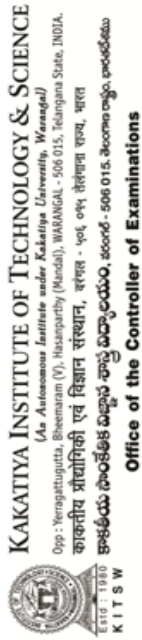
Sl. No.	Branch	Total Appeared	Pass	Pass (%)
1	ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING	65	64	98.46
2	CIVIL ENGINEERING	126	104	82.54
3	COMPUTER SCIENCE & ENGINEERING	196	183	93.37
4	COMPUTER SCIENCE & ENGINEERING (NETWORKS)	65	61	93.85
5	ELECTRONICS & COMMUNICATION ENGINEERING	189	168	88.89
6	ELECTRONICS COMMUNICATION & INSTRUMENTATION ENGINEERING	53	36	67.92
7	ELECTRICAL & ELECTRONICS ENGINEERING	129	110	85.27
8	INTERNET OF THINGS	65	61	93.85
9	INFORMATION TECHNOLOGY	131	119	90.84
10	MECHANICAL ENGINEERING	111	81	72.97
Total :		1130	987	87.35

B.TECH. VII-SEMESTER (2019-2023 Batch):

Sl. No.	Branch	Total Appeared	Pass	Pass (%)
1	Civil Engineering	130	122	93.85
2	Computer Science & Engineering	198	198	100
3	Computer Science & Engineering (Networks)	64	64	100
4	Electronics & Communication Engineering	199	197	98.99
5	Electronics Communication & Instrumentation Engineering	60	56	93.33
6	Electrical & Electronics Engineering	129	127	98.45
7	Electronics & Instrumentation Engineering	51	51	100
8	Information Technology	66	66	100
9	Mechanical Engineering	169	151	89.35
Total :		1066	1032	96.81

B.TECH. VIII-SEMESTER (2019-2023 Batch):

Sl. No.	Branch	Total Appeared	Pass	Pass (%)
1	Civil Engineering	129	121	93.8
2	Computer Science & Engineering	198	197	99.49
3	Computer Science & Engineering (Networks)	64	64	100
4	Electronics & Communication Engineering	199	197	98.99
5	Electronics Communication & Instrumentation Engineering	60	58	96.67
6	Electrical & Electronics Engineering	129	127	98.45
7	Electronics & Instrumentation Engineering	51	51	100
8	Information Technology	66	66	100
9	Mechanical Engineering	169	151	89.35
Total :		1065	1032	96.9



Result Statistics of B.Tech. 2018 - 22 Batch

Branch	I Sem.		II Sem.		III Sem.		IV Sem.		V Sem.		VI Sem.		VII Sem.		VIII Sem.		No. of Students cleared all subjects (in 4 Years)				Pass %
	Dec-17		May-18		Nov-19		Oct-20		Jan-21		Jun-21		Dec-21		May-22		First Division with Dist.	First Division	Second Division	Total	
	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass	App.	Pass					
CE	120	97	120	105	129	105	129	126	133	132	130	134	123	134	124	124	54	66	4	124	92.54
ME	167	123	168	114	196	138	196	192	202	199	196	202	175	202	191	191	51	124	9	184	91.09
EIE	53	31	50	28	57	28	58	57	61	56	61	62	57	62	59	59	9	44	8	61	98.39
CSE	175	165	179	167	195	174	195	186	200	197	193	200	196	200	199	199	120	75	3	198	99.00
EEE	119	100	121	98	132	115	132	128	135	135	134	135	130	135	130	130	65	63	1	129	95.56
ECE	179	156	178	169	196	168	197	193	198	197	197	198	196	198	196	196	120	76	2	198	100.00
IT	58	46	60	49	65	60	65	64	68	66	66	69	64	69	67	67	32	33	2	67	97.10
Total	871	718	876	730	970	788	972	946	997	982	977	1000	941	1000	966	966	451	481	29	961	96.10
Pass %	82.43		83.33		81.24		97.33		98.50		97.90		94.10		96.60		96.10				

OVERALL ACADEMIC TOPPERS DURING 2022-23
B.TECH. 2019-23 BATCH BRANCH-WISE OVERALL TOPPERS LIST

SNO	GRP	REGNO	NAME OF THE STUDENT	RANK
1	CE	B19CS122	KOTHAGATTU SPANDANA	1
2	CSE	B19CS122	KOTHAGATTU SPANDANA	1
3	CSN	B19CN003	PINGILI SHOBHANA	1
4	ECE	B19EC042	VELDI HARIKA	1
5	ECI	B19CI018	RAYABARAPU LIKHITHA	1
6	EEE	B19EE013	GUGGILLA HARINI	1
7	EIE	B19EI020	KANDAKATLA VIJITH	1
8	IT	B19IT014	MALLURU VYSHNAVI	1
9	ME	B19ME074	THOTA DINESH	1

MBA 2021-23 BATCH BRANCH-WISE OVERALL TOPPERS LIST

SNO	GRP	REGNO	NAME OF THE STUDENT	RANK
1	MBA	M21MB003	GADABOINA NAVYASRI	1

B.Tech. Overall pass percentage**KU Batches (2009 to 2013 Admitted Batches)**

Academic Year	2012-13		2013-14		2014-15		2015-16		2016-17	
Batch	2009-13 Batch		2010-14 Batch		2011-15 Batch		2012-16 Batch		2013-17 Batch	
Dept.	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Regd.	No. of Students Passed	No. of Students Passed	No. of Students Regd.	No. of Students Passed
CE	65	52	71	59	71	55	136	92	142	104
ME	132	125	136	101	132	120	135	104	141	109
E&I	63	62	70	55	69	58	63	52	66	43
CSE	127	112	139	114	133	115	141	108	145	104
ECE	94	87	106	101	138	119	140	122	144	126
EEE	65	65	72	67	70	56	134	114	140	111
IT	62	61	70	49	66	51	49	38	58	50
Total:	608	564	664	546	679	574	798	630	836	647
Pass %	92.76		82.23		84.54		78.95		77.39	

Autonomous Batches (2014 to 2018 Admitted Batches)

Academic Year	2017-18		2018-19		2019-20		2020-21		2021-22	
Batch	2014-18 Batch		2015-19 Batch		2016-20 Batch		2017-21 Batch		2018-22 Batch	
Dept.	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Passed	No. of Students Regd.	No. of Students Passed
CE	135	121	137	124	132	131	150	143	134	124
ME	134	129	132	114	139	135	196	194	202	191
E&I	48	45	64	56	58	56	56	55	62	59
CSE	132	120	209	191	205	204	208	204	200	199
ECE	120	116	150	130	141	141	144	141	198	196
EEE	137	135	213	185	213	212	217	212	135	130
IT	51	49	57	53	57	57	71	67	69	67
Total:	757	715	962	853	945	936	1042	1016	1000	966
Pass %		94.45		88.67		99.05		97.50		96.6

B.Tech. Degrees Awarded till May/June – 2017 (KU Batches)

Sl.No.	Branch	Year of Start	Total Students passed upto May/June 2016
1	CE	1980	2442
2	ME	1980	2703
3	E&IE	1981	1836
4	CSE	1994	2050
5	EEE	1994	1352
6	IT	1999	854
7	ECE	2000	1201

Total: 12438

B.Tech. Degrees Awarded from April/May – 2018 (Autonomous Batches)

Sl.No.	Branch	Year of Start	Total Students passed from April/May – 2018
1	CE	1980	671
2	ME	1980	778
3	E&IE	1981	284
4	CSE	1994	945
5	EEE	1994	681
6	IT	1999	299
7	ECE	2000	971

Total: 4629

Roll of In-Charges of Examination Section

Sl. No.	Name of the Staff Member	Period	
		From	To
<u>Before Autonomous Status</u>			
1	Dr. K. Venkatapathi Raju	03-11-1980	31-01-1981
2	Sri M. Eswara Rao	01-02-1981	19-08-1997
3	Sri M. Lokanadha Rao	19-03-1997	02-07-2010
4	Dr. K.V.V. Seshagiri Rao	01-04-2003	31-07-2008
5	Dr. K.V. Raghu babu	03-05-2005	15-07-2010
6	Dr. K. Sridhar	03-06-2006	13-11-2009
7	Dr. K. Srinivas	02-07-2010	13-07-2012
8	Dr. K Venumadhav	02-07-2010	13-07-2012
9	Dr. T. Bhupal Reddy	13-07-2012	01-08-2013
10	Sri. G. Rajendar	13-07-2012	15-04-2013
11	Dr. H. Ramesh Babu	15-04-2013	17-08-2014
12	Dr. Ch. Sateesh Chandra	01-08-2013	17-08-2014
13	Sri M. Lokanadha Rao	03-06-2013	17-08-2014
<u>After Autonomous Status</u>			
Controller of Examinations			
1	Sri M. Lokanadha Rao	18-08-2014	31-03-2016
2	Dr. K. Raja Narendra Reddy	31-03-2016	03-12-2021
3	Dr. K. Ashoka Reddy (Incharge)	04-12-2021	18-01-2022
4	Dr. P. Kamakshi	18-01-2022	Till Date
Additional Controller of Examinations			
1	Dr. H. Ramesh Babu (Conduction)	18/08/2014	02/08/2017
2	Sri B. Kiran Kumar (Confidential)	05/09/2014	28/09/2022
3	Dr. G. Rajender Naik (Confidential)	24/09/2019	Till date
4	Dr. A. Suchith Reddy (Conduction)	28/09/2022	Till date
In-charges			
1	Sri. G. Rajendar, Incharge Exams.	29/07/2015	31/12/2015
2	Dr. Ch. Sribabu, Professor I/c. of Exams.	18/07/2017	20/06/2019
3	Dr. K. Rajendra Prasad, Faculty I/c. of Exams.	15/09/2017	16/01/2023

Examination Section is renamed as "Examination Branch" on 21-06-2016

Information Related to Student Application(s)

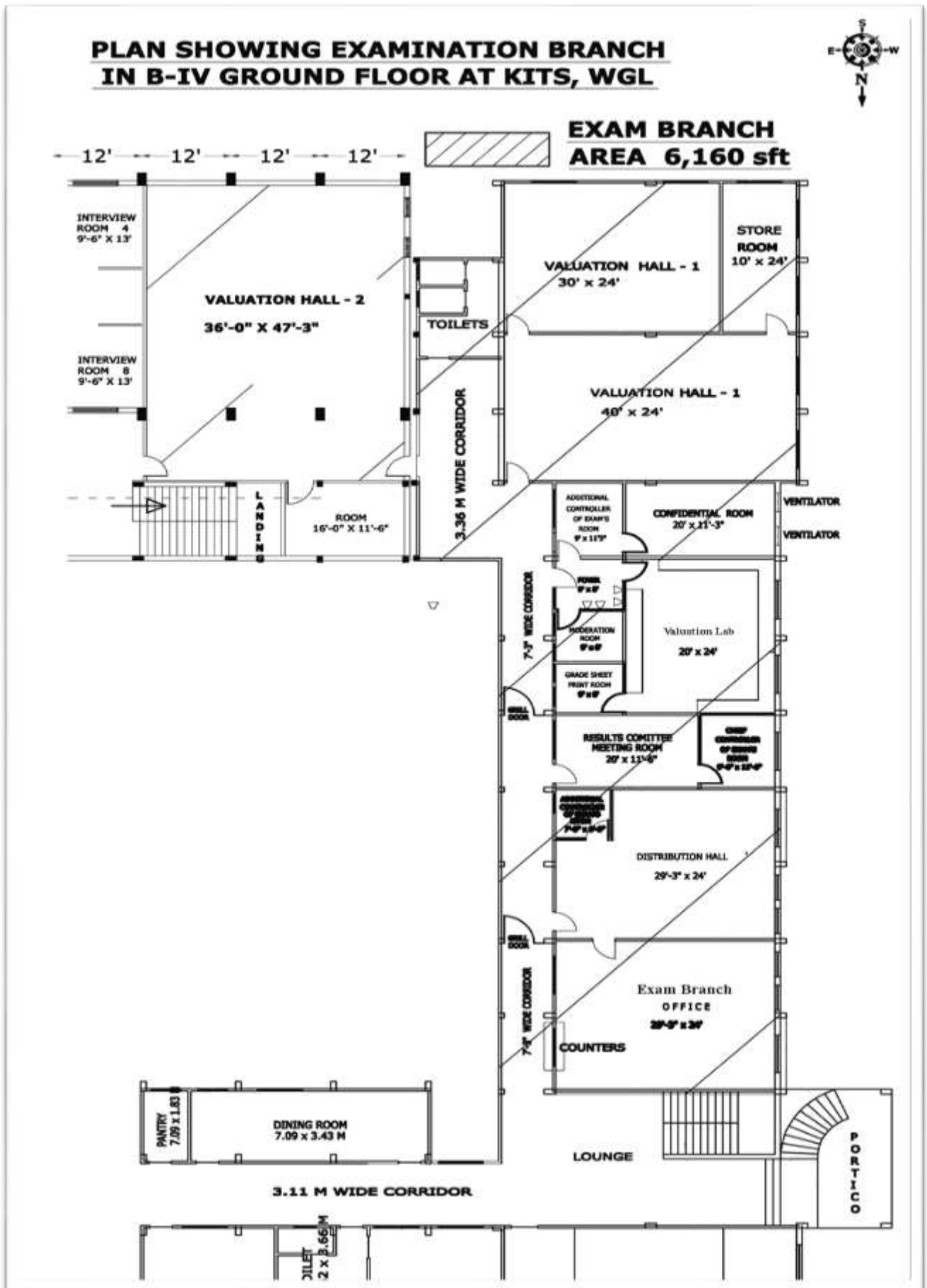
CERTIFICATE SECTION, EXAMINATION BRANCH, KITSW

Information related to Student Application(s)

S.No.	Request Description	Documents Required	Application Fee	Minimum Time Required
1	Provisional Certificate & Consolidated Grade Sheet	1) Filled in Application Form 2) Online Fee Payment Receipt 3) Photocopy of Aadhaar Card 4) Photocopy of SSC or equivalent 5) Photocopy of all semester Grade Sheets	Rs. 1500 (Including Original Degree Certificate Fee)	7 Working Days
2	Transcripts	1) Filled in Application Form 2) Photocopies of required transcript 3) Original Grade Sheets	Rs. 100 per each Transcript (To be paid in the Examination Branch)	5 Working Days
3	Name Correction in Grade Sheet	1) Request letter 2) Photocopy of SSC or equivalent 3) Original Grade Sheet	Rs. 500 per each Grade Sheet (To be paid in the Examination Branch)	5 Working Days
4	Duplicate Grade Sheet	1) Request letter (Mention the Semester and month/year of the lost Grade Sheet)	Rs. 500 per each Grade Sheet (To be paid in the Examination Branch)	5 Working Days
5	CGPA to % Conversion Certificate	1) Filled in Application Form 2) Photocopy of all semester Grade Sheets	Rs. 100 (To be paid in the Examination Branch)	5 Working Days
6	Backlog Summary (or) No Backlog Certificate	1) Filled in Application Form 2) Photocopy of all semester Grade Sheets	Rs. 100 (To be paid in the Examination Branch)	5 Working Days
7	Admit Slip	Id Card (or) Hall Ticket	Rs. 50 per Session	15 Minutes (on the day of Examination only)

Note: Time required may vary with the complexity of the request.

Examination Branch Area Plan



37th & 38th GRADUATION DAY

(3rd & 4th Autonomous Batches 2016-20 & 2017-21) on 11-06-2022

Chief Guest: Dr. G. Satheesh Reddy

Secretary, Department of Defence R&D, Chairman DRDO

