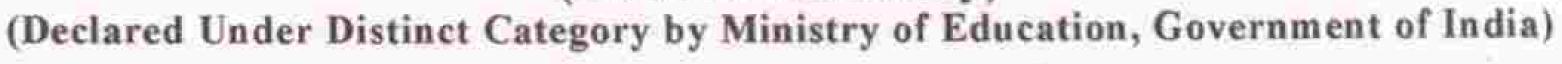


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Minutes of the Academic Council Meeting

Date: 25.06.2025

The meeting of the Academic Council (AC) was held on 25th June, 2025 at 11.30 A.M. onwards in the Convention Hall of the institute. The external members have attended the meeting through Video Conferencing.

The meeting was chaired by Dr. R. K. Pandit, Vice-Chancellor of the Madhav Institute of Technology & Science- Deemed University.

Prof. Mahesh Chandra Govil, Director NIT Sikkim, Prof. I. K. Bhat, Former Director, MNIT Jaipur and Dr. Rommel Mehta, Former Professor, Department of Landscape Architecture, School of Planning and Architecture (SPA), New Delhi, attended the meeting; while the other members of the Council, Prof. Mohan Sen, Registrar, RGPV, Bhopal and Prof. Lalit Kumar Awasthi, Vice Chancellor, Sardar Patel University, Mandi, Himachal Pradesh, could not attend the meeting.

The following internal members attended the meeting:

S. No.	Name	Designation	Status in AC
1.	Dr. R. K. Pandit	Vice Chancellor	Chairperson
2.	Dr. Manjaree Pandit	Pro-Vice-Chancellor	Member
3.	Dr. Akhilesh Tiwari	Dean, Academics Professor (Information Technology) & Head, Computer Science and Business Management Head, Information Technology	Member
4.	Dr. Sanjay Tiwari	Professor & Head, Civil Engineering	Member
5.	Dr. S.S. Jadon	Professor, Architecture	Invitee Member
6.	Dr. M.K. Gaur	Professor (Mechanical Engineering) & In-charge Head, Chemical Engineering	Invitee Member
7.	Dr. Manish Dixit	Professor & Head, Computer Science & Engineering	Member
8.	Dr. D. K. Jain	Professor & Head, Engineering Mathematics and Computing	Member
9.	Dr. Vandana Vikas Thakare	Professor & Head, Electronics Engineering	Member
10.		Controller Examination, MITS-DU	Invitee Member
11.		Professor, Electrical Engineering	Invitee Member
12.	Company of the Compan	Associate Professor & Head, Humanities	Member
13.		Associate Professor & Head, Artificial Intelligence	Member
14.	Dr. Punit Kumar Johari	Associate Professor & Coordinator, Information Technology	Invitee Member
15.	Dr. Praveen Bansal	Associate Professor & Head, Internet of Things	Member
16	Dr. Anjula Gaur	Assistant Professor & Head, Applied Sciences	Member

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17.	Dr. Saumil Maheshwari	Assistant Professor, Computer Science and Business Management	Member Secretary
18.	Dr. Nikhil Paliwal	Registrar & Assistant Professor, Electrical Engineering	Member
19.	Dr. Mir Shahnawaz Ahmad	Assistant Professor, School of Artificial Intelligence	Invitee Member

Internal members Dr. Sulochana Wadhwani, Professor & Head, Electrical Engineering, Mr. Anish Jacob, Assistant Professor, Chemical Engineering and Dr. Anjali S. Patil, Professor & Head, Architecture & Planning could not attend the meeting.

The following deliberations took place in the meeting: To confirm the minutes of the last Academic Council Meeting held on 11th December 2024 ITEM: AC-1 The compliance status of the key aspects approved in the previous academic council was discussed, as per the following: The provision for migration of the Ph.D. degree from RGPV to MITS for the Ph.D.

- candidates registered at the MITS research centre with the supervisor(s) from MITS at the time of RDC of the research scholar was approved. The council approved the amendments in the ordinance of Ph.D. Programme related to
- educational qualification, residential period and Research Advisory Committee (RAC).
- As per the recommendation of the council, a committee prepared the Standard Operating Procedures (SoPs) for Retention/Disposal of the used Examination Materials, Answer Books, and Marks Record.
- To accommodate the fast technological changes in the curriculum, the concept of dynamic syllabi development is implemented from the July-December 2025 session, where 20% syllabus (1 unit) of each course is dynamic in nature meeting the current market scenario/requirements.
- The revised scheme structure for the core B.Tech. programmes and B.Tech. programmes in the CSE/IT domain and emerging area programmes was approved.
- The Council approved the minutes of the Board of Studies (BoS) held in the month of September 2024 and December 2024.

As approved by the Academic Council, the ordinances & scheme structures were subsequently presented to the Executive Council during its meeting on February 22, 2025. These ordinances & scheme structures have been in effect for the batches admitted under the Deemed University structure.

The minutes of the previous Academic Council meeting, held on December 11, 2024, were approved, and the efforts made toward their implementation were acknowledged.

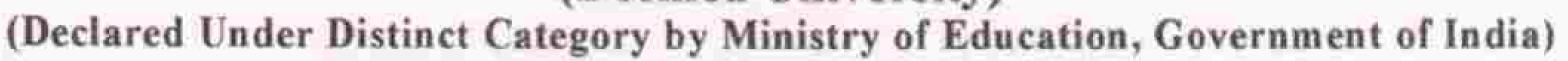
To consider and approve the modifications in the Use of Unfair Means (UFM) rules under the ITEM: AC-2 MITS-Deemed University (MITS-DU) examination system

> In light of a fairer approach and ensuring proportionality in punishment, the modification in the categorization of UFM cases was hereby proposed as:

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If any examination-relevant literature (paper/digital mode) is found in the possession of a candidate during an examination, and it pertains to the same course as the ongoing exam, but there is no evidence of the candidate copying or attempting to copy from it, then the offense shall be categorized as a Category A offense rather than Category B.

Category A Punishment: Examination of that theory paper will be cancelled in which candidate has been found doing so.

Category B Punishment: Present full examination (theory) will be cancelled

The modification recognizes the difference between possession and actual use of unfair means. Category A carries a less severe punishment, which is more appropriate when there is no evidence of copying. This modification upholds principles of natural justice and fairness in academic disciplinary proceedings.

Further, the Category B punishment was proposed to be modified as "Present full examination (theory courses with credits) will be cancelled".

Accordingly, it was proposed for implementation of this revised categorization and penalty under the UFM policy with immediate effect for the students admitted under MITS-DU from 2024-25. The amended UFM rules are annexed as *ANNEXURE-1*.

The house noted and approved the proposal

ITEM: AC-3

To consider and approve the minor amendments (under the provision of summer semester) in the ordinance of the Under Graduate (UG) & Post Graduate (PG) Programmes under the MITS-DU structure

It was proposed to allow a Summer Semester of 06 to 08 weeks for Postgraduate (PG) programmes, in line with the provisions defined under the UG Ordinance, for the academic benefit of students. Additionally, re-examinations for backlog courses related to SWAYAM/NPTEL Departmental Electives may be considered during the Summer Semester. Moreover, all the major theory evaluations of summer semester will be conducted in pen & paper mode irrespective of the mode of evaluation as mentioned in the UG & PG scheme.

The amended ordinance and provisions therein shall be applicable to the candidates registered for the UG & PG Programme under the MITS-DU from 2024-2025 session.

The amended ordinance and provisions therein will be applicable to the candidates registered for the UG and PG Programmes under the MITS-DU. The detailed provision is annexed as ANNEXURE-2.

The house noted and approved the amendments in the ordinance of UG & PG. Programmes.

ITEM: AC-4

To consider the proposal for the provisioning of institute's Post-Graduate programmes (except MCA/MBA/MUP) through online mode also, from session 2025-26 onwards, in alignment with

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the evolving educational landscape of the country and with the objective of expanding access to higher education

It was proposed that the institute may offer its postgraduate programmes in Engineering and Technology through online mode also. This initiative will:

- Enhance accessibility to quality education.
- Promote flexibility in learning for working professionals and remote learners.
- Support the Government of India's vision of digital and inclusive education.

To operationalize this, necessary amendments may be made in the relevant sections of the institute's academic ordinance to incorporate provisions for online delivery of PG programmes, ensuring compliance with UGC/AICTE guidelines for online education.

As per the proposal a committee of the following was constituted by the Hon'ble Vice-Chancellor to draft the detailed provisions/guidelines for the same and recommend the required ordinance modifications:

- 1. Pro-Vice-Chancellor (Chairperson)
- 2. Dean, Academics
- 3. Member Secretary, Academic Council
- 4. IUMS Incharge

The above committee will prepare the draft and the same will be reviewed for finalization, by the external expert Prof. L. K. Bhat, Former Director, MNIT Jaipur.

The house approved the proposal

ITEM: AC-5

To consider the proposal for allowing students (enrolled in undergraduate or postgraduate programmes) to pursue two academic programmes simultaneously keeping in view the objectives of the National Education Policy, 2020 (NEP 2020)

In line with UGC guidelines, it was proposed to allow the students to pursue two academic programmes simultaneously — one in regular (full-time) mode and another in either Open and Distance Learning (ODL)/Online mode, or both in physical mode subject to nonoverlapping time schedules and fulfilment of eligibility criteria/ ensuring non violation of regulatory bodies (UGC/AICTE / MoE, etc.)

As per the proposal a committee of the following was constituted by the Hon'ble Vice-Chancellor to draft proper implementation, compliance, and resolution of any academic issues:

- Pro-Vice-Chancellor (Chairperson)
- Dean, Academics
- Member Secretary, Academic Council
- **IUMS Incharge**

Other suitable member can be adopted if needed on the approval of Hon'ble VC The house approved the proposal

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ITEM: AC-6

To review and approve the proposed enhancements for introducing greater flexibility in the structure of UG Programmes under the MITS-DU

The key changes proposed were:

- It was proposed to shift the Professional Certification component from IV to VI semester
- Provision of the "Professional Skills and Competencies (PSC)-I&II" of two credits each in the fifth and sixth semester to promote communication skills, aptitude and reasoning, coding skills and department specific core competency/tools etc.

It was proposed that the Mandatory Workshop Component (MWS) to be a one day event instead of two days. Additionally, the arrangements/ modules under the component newly proposed were as follows:

S. No.	Semester	Currently Offered	Proposed
		Indian Constitution and	Report Writing
1.	1	Traditional Knowledge	Indian Constitution and Cultural Values
2.	П	Indian Knowledge System	Career Planning & Goal Setting
۵.	.1.1		Indian Knowledge System
3.	Ш	Internet of Things (IoT)#	Mastering Competitive Success
4	TV	Computer Vision#	Writing Research Articles: Idea to Publication
4.	IV	Life Skills	Intellectual Property Rights (IPR)
6.	V	Block Chain Technology#	Internships: Explore, Apply and Excel
7.	VI	The state of the s	Placement Readiness: Building Resume and Mastering Interview

[#]Modules of workshop will be offered through Novel Engaging Courses

The scheme structure will apply to the candidates registering in the core and the CSE/IT domain B.Tech. programmes under the MITS-DU. The detailed scheme structure is annexed as ANNEXURE-3(a) & 3(b)

The house noted and approved the proposal

ITEM: AC-7

To review and approve the Holistic Development specific - Novel Engaging Courses (NEC) to be offered in the July-December 2025 session

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The house was informed that, as a part of Holistic Education initiative under NEP 2020, the institute has concluded a list of 114 Novel Engaging Courses along with the course contents, focusing on many areas for the students admitted under Deemed University structure. The tentative list of NECs was proposed for the approval from the house. However, the list will remain dynamic and may be updated.

The complete list of Novel Engaging Courses is annexed as ANNEXURE-4

The house has noted and appreciated the proposal

ITEM: AC-8

To discuss and approve the proposal for conducting end-term practical assessment through external examiners for Architecture discipline specific programmes under the MITS-DU as well as old RGPV Structure

Vide reference ITEM NO. 4, Academic Council meeting dated 05/12/2020 it was decided for conducting end term practical examinations through internal panel of subject matter experts / faculty members only.

In order to accommodate Architecture discipline specific need & nature of the programmes and to ensure objective and comprehensive evaluation of student's practical competencies, it was proposed that the end-term practical examinations related to design oriented courses/projects /thesis (second year onwards only) for the programmes of Architecture discipline only, may be conducted/evaluated through external experts/examiners. The expert/examiner to be selected from a panel of qualified subject experts and experienced faculty members from premier institutions or professional bodies/Industries with the prior approval of the competent authority of the institute.

The evaluation/end term practical examination for other disciplines of Engg. & Technology will be continued with no modification (i.e. as per the prevailing practice).

The house noted and approved the proposal.

TEM: AC-9

To review and approve the minutes of the Board of Studies (BoS) held in the month of June 2025 under MITS-DU

The deliberation of Board of Studies was presented by the HoDs / Chairpersons / Coordinators of various programmes under the following departments/Centres:

[Civil, Mechanical, Electrical, Electronics, Computer Science & Engineering, Information Technology, Engineering Mathematics and Computing, Chemical Engineering, Centre for Artificial Intelligence, Centre for IoT, Centre for Computer Science and Business Management, Architecture, Applied Sciences, Humanities].

The presentation covered the agenda items of the respective BoS, as per the ANNEXURE-5

The house approved the minutes and recommendations made by different Board of studies (BoS)



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ITEM: AC-10 To review and approve the minutes of the Board of Studies (BoS) held in the month of June 2025 under RGPV autonomy structure

The key changes proposed were:

- Provision of the "Professional Skills and Competencies (PSC)" of two credits in the seventh semester to promote communication skills, aptitude and reasoning, coding skills and department specific core competency/tools etc.
- Provision of the Open- Category course through MITS-MOOC.

The deliberation of Board of Studies was presented by the HoDs / Chairpersons / Coordinators of the following departments/Centres:

[Civil, Mechanical, Electrical, Electronics, Computer Science & Engineering, Information Technology, Engineering Mathematics and Computing, Chemical Engineering, Centre for Artificial Intelligence, Centre for IoT, Centre for Computer Science and Business Management, Architecture, Applied Sciences, Humanities].

The presentation covered the agenda items of the respective BoS, as per the ANNEXURE-6

The house approved the minutes and recommendations made by different Board of studies (BoS)

The meeting ended with the vote of thanks to the chair.

Dr. Mir Shahnawaz Ahmad

Dr. Anjula Gaur

Dr. R. R. Singh Makwana

Dr. Laxmi Shrivastava

Dr. Manish Dixit

Dr. Sahjay Tiwari

Nikhil Paliwal

Dr. Sanjeev Khanna

Dr. Vandana Vikas Thakare

Dr. M.K. Gaur

Dr. Akhilesh Tiwari

Dr. Punit K. Johari

Dr. Saumil Maheshwari

Dr. Shishir Dixit

Dr. S. S. Jadon



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Dr. Manjaree Pandit (Pro-Vice-Chancellor)

Present Online
Dr. Rommel Mehta
(External Expert)

Prof. I. K. Bhat (External Expert)

Prof. Mahesh Chandra Govil (External Expert)

Dr. R. K. Pandit Vice Chancellor



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Annexure-1

UFM RULES

Use or Attempt to use Unfair Means and disorderly conduct at an examination by a candidate

Any candidate uses unfair means as given here in or types to use such methods as given here to acts in a manner to gain any advantage in the major evaluation (exam) will be punished as stated in these rules. After considering the requests of centre superintendent, invigilators, examiners, statement of accused candidate and relevant papers the committee constituted for the purpose will categorize the act and recommend the punishment.

Definitions

- 1. MITS-DU: Madhav Institute of Technology & Science-Deemed University
- 2. Exam/ Examination: Major Evaluation of only theory courses.
- Candidate: A person authorized to appear in an examination and have been issued an admit card.
- 4. Person appointed for exam work: A person appointed by the MITS-DU or superintendents of exam to work/help in conduction of examination. Such as invigilator, superintendent, assisting staff in the examination water man, peons etc.
- 5. Debarred: A candidate not allowed to appear in examination, since candidate will not be permitted in examination, he/she can not be admitted in the institution till candidate becomes eligible to appear in the examination.
- 6. Present Examination: Present examination is that (semester/annual) examination in which candidate have been caught using UFM. It means only theory examination.
- 7. Next exam: Examinations to be held in future including theory, Practicals, Sessionals, Minors, Quiz/Assignments. The punishment will be decided on the basis of seriousness of the conduct thereafter nature of classification will be made.

Category - A

Seeking assistance from another candidate or any other person in an unauthorized manner while answering the question paper during the examination, or helping another candidate in writing the examination, writing anything on the question paper other than the candidate's enrollment number or roll number, deliberately disclosing one's identity, or making any distinguishing marks in the answer book. Further, If any examination-relevant literature (Paper/digital mode) is found in the possession of a candidate during an examination, and it pertains to the same course as the ongoing exam, but there is no evidence of the candidate copying or attempting to copy from it, then the offense shall be categorized as a Category A will be grouped under this category.

Punishment

Examination of that theory papers will be cancelled in which candidate has been found doing so.

Category - B

During the examination, until the student has finally submitted their answer book to the invigilator, if any book or written paper (Paper/digital mode) related or unrelated to the question paper and of the same course as the ongoing examination is found in the possession of the candidate, and they were copying from it, they will be classified under 'B' category.

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Punishment

Present full examination (theory courses with credits) will be cancelled

Category - C

If a candidate leaves the examination hall without handing over their answer book to the invigilator, smuggles in an answer book or supplementary sheet, takes out or arranges to send out an answer book, its pages, or a supplementary sheet, or replaces or gets replaced any part of the answer book or supplementary sheet during or after the examination, they will be placed in this category.

Punishment

Present examination will be cancelled in full and student will be debarred from appearing in next examination and therefore candidate can not be admitted in next coming semester/year

Category- D

If a candidate is impersonated by another person during the examination, refuses to hand over materials or papers that could be used for copying, destroys or attempts to dispose of such materials or papers, or refuses to sign the UFM proforma, they will be classified in this category.

Punishment

Present examination will be cancelled in full and the candidate will be debarred for next two examinations.

Category -E

If a candidate tries to disrupt or actually disrupts the examination or forces others to leave examination hall or tries to forcefully obstructs the others not to appear in the examination will be ground in this category.

Punishment

Cancellation of present full examination and debarred for next three examinations and further the case will be reported to the police for criminal proceeding against the candidate.

Category F

A candidate misbehaves or uses abusive language or beats or fights or threatens to harm or tries to bribe or actually bribes an invigilator examination superintendent or a person appointed for examination work at the centre or carries any weapon in examination centre or takes any dog or other animal or birds in the exam hall will be grouped under this category.

Punishment

Cancellation of present full examination and debarred for appearing in next four examination and FIR will be sent to police for criminal proceeding on the candidate.

The Executive Council of MITS-DU can rusticate a candidate for a period of time or declare the candidate unfit for a degree, thereby removing their name from the university's roll. These unfit candidates will not be conferred any degree from this university in the future.

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Annexure-2

Summer Semester

Summer Semester is an optional semester, to be conducted at the end of each year between May to July for all UG and PG programme with the mentioned objectives and scope:

1. Objectives of the Practice

- I.1. To complete the backlog courses of preceding semesters evaluations. This will support
 the students in completing the backlog courses.
- 1.2. To makeup/improve the CGPA by opting the course with lower grade only if candidate has failed to score minimum CGPA of 5.0.

2. Duration

The duration of summer semester will be of 06-08 weeks without any recess.

3. Scope

Summer semester is optional for the:

- 3.1. Students having backlog due to any of the reason (illness, not qualified etc.) in their preceding semesters courses.
- 3.2. Students who missed out or have not qualified any of the mandatory Skill Internship Programs, NEC and mandatory audit courses.

4. Fee for the Summer Semester

Fee structure shall be notified from time to time.

5. The Practice

- 5.1. Students have to register for the courses under summer semester and only the registered students will be allowed to appear for Summer Semester. Failure in registration may end the chances for opting in summer semester.
- 5.2. There will not be any late registration in the summer semester and a student shall not be allowed to add a course after registration.
- 5.3. Students have to meet the minimum attendance criteria (based on the nature of the course; face-to face / virtual mode) in the registered courses along with satisfactory performance within continuous internal assessment components.
- 5.4. Students will be allowed to complete four (04) courses of not more than 10-12 Credits in each summer semester (theory as well as laboratory). The course credit assignment will remain same as in a regular semester. In addition, Final Year B.Tech. Project can also be offered during summer semester.
- Students will also be allowed to complete the requirement of mandatory Skill Internship Programs.
- 5.6. Mentoring support will be extended for the MOOCs courses (under Departmental Electives / Open Courses). The assignments/quizzes, end term evaluation will be

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- conducted by the department. The marks / grades acquired will be considered without credit transfer.
- 5.7. Mentoring support will also be extended for other courses opted by students.
- 5.8. The summer semester is about half the duration of the regular semesters, and the courses taught run at a faster pace during the summer semester.
- 5.9. The end semester evaluation of the courses registered for summer semester will be conducted by the department during the last week of the summer semester in the pen and paper mode.
- 5.10. Improved grades (marks / CGPA) will replace the earlier grade or else earlier grade will be retained as per the normalization policy of the institute.
- 5.11. Student still failing after completion of summer semester will have to re-register in the next academic session and will be offered the courses in the scheme in force at the time of re-registration.
- 5.12. To retain the uniformity in the practice, the activities (Registration/Teaching/Learning and Assessment etc.) under summer semester will be governed through the instructions/ summer semester calendar from the office of the Dean of respective faculty.

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Annexure-3(a)

Department of.....

Scheme Structure & Important Guidelines for Flexible

atch admitted in Academic Session 2024-25 onwards)

Abbreviations Used

NEC	MAC	PC	PBL	PDC	PSC	SLP	SIP	SP	SWM	MOOC	DLC	000	DE	DC	ESC	BSC	HSMC	P	-	Ъ.
Novel Engaging Course	Mandatory Audit Course	Professional Certification	Project Based Learning	Professional Development Component	Professional Skills & Competencies	Self-learning Presentation	Skill Internship Program	Semester Proficiency	Mandatory Workshop	Massive Open Online Course	Departmental Laboratory Courses	Open Category	Departmental Elective	Departmental Core	Engineering Science Courses		Humanities and Social Sciences including Management Courses	Practical	Tutorial	Lecture



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Semester (..... Scheme of Evaluation

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MCQ: Multiple Choice Question Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses. AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee. HSMC BSC DC DE DIC NEC SP PDC PBL

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ITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (Deemed University)





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l'ech. Semester Scheme of Evaluation

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	Mandatory Workshop on Career Planning & Goal Setting at Department Level	Mandatory Workshop on Indian Knowledge System at	Sustainability & Environmental Science	Total	Skill Internship Program	Novel Engaging Course (Activity Based Learning)	Language Lab	Engineering Physics/Engineering Chemistry Lab*s	Micro Project-II"	Semester Proficiency ⁸	Problem Solving through Python Programming	DC-4 Lab	Mathematics Course	DC-7	DC-6	DC-5	DC-4		Course Name		
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Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses

MCQ: Multiple Choice Question These credits will be transferred from Skill Internship Program (Soft Skill). AO: Assignment + Oral : Pen Paper SO: Submission + Oral

OB: Open Book

Micro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee

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I Semester academic session 2024

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Mundatory Workshop on Mastering Competitive Success at Department Level	Cyper Security	Culture Committee	Total	Novel Engaging Course (Activity Based Learning)	(SWAYAM/NPTEL/MOOC)	Macro Project-I"	Semester Proficiency	DC-9 Lab	DC-8 Lab	DC-10	DC-9	DC-8	Data Structures	Mathematics Course		Course Name		
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MCQ: Multiple Choice Question Semester Proficiency-includes the weightage towards ability/skill/ competency /knowledge level /expertise attained etc. in the semester courses

OB: Open Book

"Macro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee. AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral

See Compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance and presentation.

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partment of..... Scheme of Evaluation

Tech. IV Semester (....

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MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

er Proficiency-includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses

"Macro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee. These credits will be transferred from Skill Internship Program.

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ITUTE OF TECHNOLOGY & SCIENCE, GWALIOR (Deemed University)







partment of..... Scheme of Evaluation

Semester

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Choice O		DLC	SEP	20		DE	90	DE DE	Category Code DE	Code
A	Total Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional	Creative Problem Solving	Skill Enhancement Program/Research Internship: On Job Training	Open Calegory Course* (OC-2)		Departmental Elective* (DE-4)				- I
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SO: Submi	Permitted		. <u> </u>	۲		ŧ	30	Quiz/ Assignment	Quiz/ Assignment	Theory Block Is Evaluation Imor Illuation Assignment II
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*Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

These credits will be transferred from Skill Enhancement Program/Research Internship/On Job Training

"Course run through MITS-DU MOOCs

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TUTE OF TECHNOLOGY & SCIENCE, GWALIOR





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							Ma	ximum Ma	Maximum Marks Allotted	ed				Con	Contact Hours	Sunc				
						Theory Block	Block		Practical Block	l Block	MOOCs	Cs			P	per wee	per week	per week	per week Mode	
S. No.	Code	Category		Course Name	Conti	Continuous Evaluation	ation						Total					Total	of	of
					Minor Evaluation I	Minor Evaluation H	Quiz/ Assignment	Major Evaluation	Major Continuous Evaluation Evaluation	Major Evaluation	Assignment	Exam			E.	Т	ТР	ТР	Learning	
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Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

chapter activities, club activities, cultural events, sports, personality development activities, collaborative events, MOOCs, technical events, institute/department committees, etc., Evaluation will be based on participation/laurels brought by the students to the institution in national/state level technical and other events during the complete tenure of the *Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

JG programme (participation in professional

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(Deemed University)





Department of..... NAAC Accredited with A++ Grade

Scheme of Evaluation

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		Readiness: B	20	80	3.	4	n	H	ł:		20	7	20	20	20	Minor Evaluation	Conti		
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THEW GOINE	tesearch In	ing Interview	30	120	3	× ·	2	-	Æ.	(a)	30	#	30	30	30	Major Evaluation			ximum M
Semester of six-eight week duration will be conducted for makeup of	Skill Enhancement Program/Research Internship/On Job Training fo	Interview at Department Level		380	70	70	50	50	70	70		*		2707	(4)	Lab Work & Sessional	Continuous	Practical	Maximum Marks Allotted
for makeu	Job Trainir	t Level		120	30	30			30	30		A		0.00	XI.	Major Evaluation	-7/5	Block	ed
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Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral

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* Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform HSMC PC BSC OB: Open Book

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Department of

Scheme of Evaluation

Tech. V Semester (.....

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Additional Course for Honours or Minor Dearen-	Mundulary Workshop on Internships: Explore, Apply and Excel at Department Level	Supply Chain Management		Cornerstone Project	Professional Skills & Competencies - I	Semester Proficiency ⁵	Data Science Lab	DC-16 Lab	Departmental Elective* (DE-1)		Data Science	DC-17	DC-16		Course Name		
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Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper OB: Open Book

^{*} Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

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	pp		
	0.0	H.T.	N
	MCQ	Theory	Mode of Examination
	ОВ		on
	80	Lab	
Credits %	CHOCKE	1000	



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Annexure-3(b)

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Department of

General Scheme Structure & Important Guidelines for Flexible

Batch admitted in Academic Session 2024-25 onwards) Abbreviations Used

NEC	MAC	PC	PBL	PDC	PSC	SLP	SIP	SP	NWS	MOOC	DLC	0C	DE	DC	ESC	BSC	HSMC	P	T	L
Novel Engaging Course	Mandatory Audit Course	Professional Certification	Project Based Learning	Professional Development Component	Professional Skills & Competencies	Self-learning Presentation	Skill Internship Program	Semester Proficiency	Mandatory Workshop	Massive Open Online Course	Departmental Laboratory Courses	Open Category	Departmental Elective	Departmental Core	Engineering Science Courses	Basic Science Courses	Humanities and Social Sciences including N	Practical	Tutorial	Lecture
																	fanagement Courses			



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Department of NAAC Accredited with A++ Grade

Scheme of Evaluation

Tech. I Semester

admitted in academic session 2025-26)

14. MWS Mandatory Workshop on	13. MWS Mandatory Workshop on	MAC (UHVPE) Values	Total	11. NECXXXXX NEC Novel Engaging Course (Activity Based Learning)	10. HSMC Language Lab	9. PBL Micro Project-f	8. Semester Profesioncy ⁵	7. DLC	6. DLC Computer Programming Lab	5. BSC	4. DC	3. DC	2. ESC Computer Programming	1. DC		S. No. Code Code Code	,
Mandatory Workshop on Indian Constitution and Cultural Value	Report Writing at Department Level	Human Values & Professional Ethics 20	100	ctivity Based Learning) -					ъ	20	20	20	20	20	Evaluation 1	Course Name	
Values at Department Level		20	0 100		4.					20	20	20	20	20	ation Evaluation	Continuous Evaluation	Theory Block
		30	150			Ť			r.	30	30	30	30	30	Quiz/ E	ation	Block
		30 -	150 380	- 50	20	70	50	70	70	30 =	30 =	30	30 -	30	Evaluation Lab Work & Sessional	Major Evaluation	Pra
			120	- 4	30	30	y	30	30	10) ž		9	·	5	tion Major	Practical Block
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GRADE	GRADE	GRADE	20	1	=		PE			SQ.	52	(53)	2	13 2		Total Credits	
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MCQ	MCQ	MCQ	A.	SO	AO	SO	SO	OV	AO	qq	PP)	MCQ	MCQ	MCQ		P.	Moderat
-		1,5 H)s		×		161	ja [7	2 Hrs	2 Hrs	2 Hrs	2 Hrs	2 Hrs		Major Evaluation	Duration

Semester Proficiency-includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses Skill Internship Program (Soft Skill): Minimum 45 hours duration: To be Credited in H Semester.

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

Micro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

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			SMC
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	Mode of	_	ESC
	Learning	u	DC
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		22	DLC
		2	NEC
		-	SP
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1000	Mode of		PBL
	Mode of Examination	44	MAC
		12	NWS

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Scheme of Evaluation

S. No. 5 14 13 17 = 10. NECXXXXX SIPI XXXX Course Code Category Code SAM SAMM MAC DLC DLC DLC NEC ESC TEA BSC DC SIP DC 200 4 Skill Internship Program (Soft Skill) Mandatory Workshop on Career Planning & Goal Setting at Department Level Sustainability & Environmental Science Novel Engaging Course (Activity Based Learning) Electrical & Electronics Engineering Lab Object Oriented Programming Lab Basic Electrical & Electronics Engineering Object Oriented Programming Micro Project-II' Semester Proficiency Mandatory Workshop on Indian Knowledge System at Department Level Course Name Tech. Summer Semester of six-eight week duration will be conducted for makeup of I & II semester examination. Semester Evaluation Minor 100 20 20 20 20 20 20 Continuous Evaluation Evaluation Minor 20 Theory Block 20 20 20 20 20 Maximum Assignment Quiz/ 150 30 30 30 30 30 30 Marks Evaluation 150 30 30 30 30 30 30 1 Allotted Continuous Evaluation Lab Work Sessional Practical 70 70 名 50 70 440 B 70 Evaluation Block Major 120 3 30 30 30 Marks Lotal 1060 100 9 100 100 8 100 80 8 00 100 8 2 152 تنزو túž 153 المنا Contact Hours 10 per week 2 -ch admitted in academic session 2025-26) 10 14 N 3 10 10 T Credits GRADE GRADE GRADE Lotal 124.6 12 _ 122 144 المها 140 Experimental Experimental Experimental Face to Face Experiential Eace to Face Experiential Interactive Interactive Interactive Learning Blended Mode Evaluation Mode of Major MCQ MCQ MOO MCQ MCO MCO Ò 0 20 99 Ŧ 8 8 S PP Duration of Evaluation Major 2 田5 2 Hrs 2 TS 2 15 5 His tra 丟 \mathbf{F}

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MCQ: Multiple Choice Question Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

These credits will be transferred from Skill Internship Program (Soft Skill).

Micro Project-II will be n sented and evaluated through an interdisciplin

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0	HSMC	The second second second
-	BSC	Contract the second of the second of the
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_	PBL	The second of the second
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	Experimental		
	pp		
	MCQ	Theory	
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	AO	1	amination
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Scheme of Evaluation

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Department of

Tech. III Semester (...

or batch admitted in academic session 2024-25 onwards)

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				NECXXXXX													Code		
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CI III I I I I I I I I I I I I I I I I	Mandatory Workshop on	Cyber Security	Total	Novel Engaging Course (Activity Based Learning)	Self-learning/Presentation (SWAYAM/NPTEL/MOOC)	Macro Project-I*	Semester Profesioncy ⁸	Problem Solving through Python Programming									Course Name		
Department	Mastering Competitive Success at Department Level			d Learning)							2	2	2	2	-2	Evah			
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Minimum 30 hours duration: To be Credited in IV Semester		30	150	4		*1	ž	i i	67	b	30	30	30	30	30	(5)	Major		Maximum Marks Allotted
e duration.		(40)	420	50	40	70	50	70	70	70	I P	1.44		,	,	Lab Work & Sessional	Continuous Evaluation	Practic	tted
To be Credite			120			30		30	30	30		12.00	. 0.2	ж.		肉	Major	Practical Block	
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MCQ: Multiple Choice Question Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

Macro Project-I will be presented and evaluated through an interdisciplinary project evaluation committee.

HSMC

BSC

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se Compulsory registration for one online course using SWAYAM/NPTEL/ MOOC, evaluation through attendance and presentation.

Face to Face	Theory	
Online		
Interactive	NEC	
Mentoring		Modeo
Face to Face		Mode of Learning
Blended	Lab	
Experiential		
Experimental		
PP		
MCQ	Theory	
OB		Mode of E
80	NEC	amination
AO		
20	Lab	
	175	



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Semester. Scheme of Evaluation

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S. No. 9 00 'n + = 10. 7 9 144 1 14. 13. 12. -5 NECXXXXX SIP3XXXX Course Code Category Code DLC DIC SWM NWS DLC NEC. MAC PBI BSC DO SP 8 8 Sip 8 Skill Internship Program Competitive Programming Mucro Project-II Semester Proficiency Data Science Novel Engaging Course (Activity Based Learning) Data Science Lab Mandatory Workshop on Intellectual Property Rights at Department Level Project Management, Economics & Financing Mandatory Workshop on Writing Research Articles: Idea to Publication at Department Level Total Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours Tech. Course Name Summer Semester of six-eight week duration will be conducted for makeup of previous semester examination. Evaluation Minor 100 20 2 20 20 20 20 Continuous Evaluation Evaluation 100 Theory Block 20 20 20 20 H Maximum Marks Allotted Assignment Quiz/ 150 30 30 30 30 Evaluation Major 150 30 30 30 30 30 Lab Work & Continuous Evaluation Sessional Practical 8 15 70 70 50 70 70 Block Evaluation Major 120 30 30 30 30 A. (for batch admitted Marks Total 1060 100 100 8 100 00 100 100 30 Ξ 3 13 10 Contact Hours نن W 13 10 N per week fi 83 _ -10 153 Minor Degree 10 0 6-3 T 19 N in academic session 2024-25 onwards) GRADE GRADE CRADE Credits Total 24.4 23 نیا اندا 100 4 Experimental Experimental Face to Face Experimental Face to Face Experiential Experiential Interactive interactive Interactive Learning Blended Mode Evaluation Mode of Major MCO MCQ MCO CON MCQ MCQ S 0 AO 8 20 8 dd PP S Duration of Evaluation NH 531 2 Hrs 2. 平5 Major 2 H/S 2 Hrs 2 Hrs 10

Semester Proficiencyincludes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses

"Macro Project-II will be presented and evaluated through an interdisciplinary project evaluation committee." MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

These credits will be transferred from Skill Internship Program.

Face to Face

Online

Interactive

Face to Face

Blended

Experiential

Experimental

PP

OB

SO

0

SO

Total Credits

Theor			
· Y		0	PC
NEC		1	BSC
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	lode of Learning	4	DC
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Lab		0	00
		3	DLC
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	Mod	0	SLP
	Ande of Examination	0	PDC
NEC	nation	1	PBL
		1	MAC
Lab		2	MWS



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Department of Scheme of Evaluation

Tech. Semester (. (for batch admitted in academic session 2024-25 onwards)

	nuclactive	GRADE									Department Level		Apply and Exc	s: Explore, /	Mandatory Workshop on Internships: Explore, Apply and Excel at	MWS		12.
1 3		GRADE	1	i	10	100			4	7	30		20	20	Supply Chain Management	MAC		T
		22	1	04	п	950	75	25	120	330	120	120	80	80	Total	T		
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1	Face to Face	ķψ	†K	18		100			30	70	, =	V.		9)	Professional Skills & Competencies - 1	PSC		9.
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57	Experimental	1	2			100	DX		30	70.		ä	i =		Artificial Intelligence and Machine Learning Lab	DLC		7.
725	Experimental	-	13	20	791	100	.4	1	30	70			ŧ			DLC		6.
	Online	104	ı	194	į,	100	75	25	16	j.	X.	4.	Ť	Y	Departmental Elective* (DE-1)	DE		5
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			סי	4	Į.		Exam	Assignment	Evaluation	Lab Work & Sessional	9	Quiz/ Assignment	Minor Evaluation II	Minor Evaluation		U		
	Learning	Credits				Marks		*	Major	Continuous Evaluation	Major	uation	Continuous Evaluation	Conti	Course Name	Category	Code	S. No.
	Mode		*	per week	TO)Cs	MOOCs	Block	Practical		Block	Theory Block					
			Sano	Contact Hours	Con				be	Maximum Marks Allotted	aximum M	M						

Semester Proficiency- includes the weightage towards ability/ skill/ competency /knowledge level /expertise attained etc. in the semester courses Additional Conise for Donom's or Minor D

MCQ: Multiple Choice Question Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral OB: Open Book

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Scheme of Evaluation

VI Semester

batch admitted in academic session 2024-25 onwards)

							Skill Enhancement Program/Research Internship/On Job Training for Four weeks duration	weeks d	g for Foun	ob Trainir	Program/Research Internship/On Job Training for Four weeks duration	esearch Int	Program/F	Enhancement	Skill Enl				
1	MCQ	Interactive	GRADE							Level	Interview at Department Level	ing Interview	Resume and Mastering	Resun	n Readiness: Building	Mandatory Workshop on Placement	NWS		13.
	MCQ		GRADE		1	2	100		C		100	30	3.0	20	20	Disaster Management	MAC		12.
	-1	•	23	16	03	12	1000	75	25	120	380	120	120	80	80	Total			
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		Face to Face	-	ţúł	20	×	50	ý	*	X	50	*	45	H -	K	Semester Proficiency	SP		œ.
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+				70	-4	H		Exam	Assignment	ŭ	Lab Work & I Sessional	Evaluation 1	Quiz/ Assignment	Minor Evaluation	Minor Evaluation				
	Major	of	Total Credits			40	Total Marks			Major	Continuous Evaluation		ation	nous Evaluatio	Continuous	Course Name	Category	Course	No.
Duration of	Mode of	Mode		7	ber week		1)Cs	MOOCs	Block	Practical l		Block	Theory Block					
				ours	Contact Hours	Con				C.	Maximum Marks Allotted	ximum Ma	Ma						

Semester Proficiency-includes the weightage towards ability/ skill/ competency/knowledge level/expertise attained etc. in the semester courses OB: Open Book

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper SO: Submission + Oral

Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform HSMC 0 PC BSC 0 ESC 0 DC w DE 00 DLC NEC SP SIP 0 0 PDC 0 PBL MAC MWS

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	Online	cory	
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	Experimental		
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	MCQ	Theory	7
	OB		lode of Examinat
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in academic session 2024-25 onwards)

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Total Total of Marks Credits Learning E	Total Total Credits I	Marks	Marks	Marks	Marks				Major		Continuous Evaluation	Major	ation	Continuous Evaluation	Cont	Course Name	Category	Course	S. No.
MOOCs per week	MOOCs per week	MOOCs per week	MOOCs	MOOCs	MOOCs				Block		Practical Block		Block	Theory Block					
Contact Hours	Contact Hours	Contact Hours	Contact Hours	Contact	Co						ks Allotted	Maximum Marks Allotted	Max						

PP: Pen Paper SO: Submission + Oral

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen I

*Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

These credits will be transferred from Skill Enhancement Program/Research Internship/On Job Training

"Course run through MITS-DU MOOCs

0	HSMC
0	BSC
0	ESC
0	DC
23	DE
1	OC.
-	DLC
0	NEC
1	SP
0	SIP
0	SLP.
0	PDC
0	PBL
0	MAC
	NWS

Face to Face	Theory
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Face to Face	Mode of Learning
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J-						Code).	
	PDC	7863	200	DH		Category))	
Total	Professional Development*	Industry Internship: Research: Internship: Internship: Research:	Open Calagory Course* (OC-3)	Departmental Electives (DE-5)		Course Name		
t			2	L	Minor Evaluation	Conti		
			4		Minor Evaluation H	Continuous Evaluation	Theory Block	
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10.	0.00	(6)	3.0	41	Major Evaluation			ximum M
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50	F.	×	2.5	25	Assignment		MOOCs	
150	k		75	75	Exam)Cs	
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17	2	10	2	Sec.		Credits	Total	
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٧.	SO	SO	SOM	MCQ		of Major	Mode	
	70		3 1415	3 Hrs		Major	Duration of	

Summer Semester of six-eight week duration will be conducted to complete any backlog courses.

Additional Course for Honours or Minor Degree: Permitted to opt for maximum two additional courses for the award of Honours or Minor Degree

SO: Submission + Oral OB: Open Book

MCQ: Multiple Choice Question AO: Assignment + Oral PP: Pen Paper

HSMC

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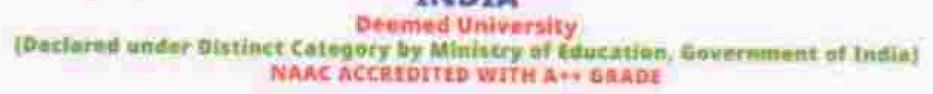
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chapter activities, club activities, cultural events, sports, personality development activities, collaborative events, MOOCs, technical events, institute/department committees, etc.) Evaluation will be based on participation/laurels brought by the students to the institution in national/state level technical and other events during the complete tenure of the UG programme (participation in professional "Course run through SWAYAM/NPTEL/ MOOC Learning Based Platform

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Eaco to Face Onlin	Theory		
hace to bace Experientia	Lab	Mode of Learning	
Interactive	PDC		
- PP MCO	Theory	Mod	
OB AO		le of Examination	
SO	ab	Total	

Theor	VIO	Mode of Learnin	ab	PDC			viode of Examination	Lab
Face to Face	Online	Face to Face	Experiential	Interactive	= pp	MCQ	OB	AO







List of Novel Engaging Courses

No.	Course Id.	- Company	Mentor Name
1		Environment Protection* - I	Aditya K. Agarwal
2		Environment Protection* - H	Aditya K. Agarwal
3		National Service Scheme** - I	Deep Kishore Parsediya
4		National Service Scheme** - II	Deep Kishore Parsediya
5		National Cadet Corps** - 1	B.P.S. Bhadoria
6		National Cadet Corps** - II	B.P.S. Bhadoria
7		Games & Sports** - I	B.P.S. Bhadoria
8	NEC00012	Games & Sports** - II	B.P.S. Bhadoria
9		Holistic Health* - I	Vishal Chaudhary
10		Holistic Health* - II	Vishal Chaudhary
11		Food and Nutrition	Anjula Gaur
12		Gender Sensitization	Anshu Chaturvedi
13		Craft practices in India	Gautam Bhadoriya
14	NEC00020	Study of Historical Monuments of Gwalior	Jaimala Jha
15		Smart Home Technologies	Vikas Sejwar
16	NEC00022	Electrical Safety	Vijay Bhuria
17		Know your Country: History, Culture & Traditions	Neha Bhardwaj
18	NEC00024	Innovation: From Creativity to Entrepreneurship**-I	Ankit Tiwari
19	NEC00025	Innovation: From Creativity to Entrepreneurship **-II	Ankit Tiwari
20		Bhagwad Gita- An Introduction	C.S. Malvi
21		Electrical Home Appliances	Sunil Kumar Shukla
22		Internet as Social Media	Shubha Mishra
23	NEC00031	Umpiring of Sports	B.P.S. Bhadoria
24	NEC00032	Capture & Create Digital Photography	Shourabh Raghuwanshi
25	NEC00033	Global Democratic Systems	Arun Kumar
26	NEC00034	Lessons of life and times from the Mahabharata	Arzoo Choubey
27		Digital Learning* - I	Punit Kumar Johari
28	NEC00036	Digital Learning* - II	Punit Kumar Johari
29	NEC00037	English Literary Skills	Sanjeev Khanna
30	NEC00038	Preliminary Journalism Skills	Anish P. Jacob
31		Basic and Advanced Excel	Abhilash Shukla
32		Microsoft Office-Excel Skills	Abhilash Sonker
33		Microsoft word and PowerPoint for Beginners	Pooja Sahoo
34	-	The Art of Mandala Meditation	Vibha Tiwari
35		Ramayana-An Epic Story	Abhishek Bhatt
36		Competitive Reasoning Practices	Aditya Dubey
37		Electroal Dynamics: Understading the Indian Election System	Aftab Ahmed Ansari
38		Scientific Temperament of Indian Thoughts and Traditions	Ashok Sharma
39		Plasmonic Sensors: Surface Plasmon Resonance Based Applications	Baljinder Kaur
40		TechWell Health	Devanshu Tiwari
41		Tableau Hands-on Training for Data Science	Dheeraj Kumar Dixit
42		Competency and Skills of Sustainability Goals	Deep Kishore Parsediya
43		Smart Device-Smart Use	Nishant Jain
44		Power of Motivation	Geetam Shukla
45	,	Microsoft Power BI: Data Visualization for Beginners	Himanshu Singh
46	NEC00054		Mahesh Parmar
47	NEC00055	Engineering for Social Reform	Mukesh Kumar Mishra

49		Static Web Development	Rahul Dubey
50		Digital Detox and Wellness	Rabul Kumar
51		Hindi language Poem and Songs writing	Rakesh Narvey
52		Contribution of Indian Scientists in Scientific Development	Shailendra Kumar Dwivedi
53		Glorious Tradition of Science in India: From Ancient to Modern Times	Vaibhay Shiyhare
54	NEC00062	Mastering Traditional Warli Art	Shweta Chauhan
55	NEC00063	Smart Meter- A gift to Sustainable Modern Society	Soumyajit Ghosh
56	NEC00064	Sculpture Making	Pranshi Jain
57	NEC00065	Photo Editing Software: Adobe Photoshop	Versha Sinha
58	NEC00066	Sustainable Materials for a Green Future	Khushhoo Punia
59		Mastering LaTeX: Typesetting for Scientific Writing	Hardey Singh Pal
60	NEC00069	Analytical Modeling of Semiconductor Devices	Varun Mishra
61		3D Printing	Gavendra Norkey
62	2000004	Data Analysis Skills	D. K. Jain
63	2000007	Robotics	Karuna Markam
64	2000009	Animation	Amit Manjhyar
65	2000018	National Service Scheme**-III	Surendra Kumar Chourasiya
66	2000022	National Cadet Corps**-III	B.P.S. Bhadoria
67		Games & Sports** - III	B.P.S. Bhadoria
68	The second second second	Software Development** - I	Atul Chauhan
69		Software Development** - II	Atul Chauhan
70		Software Development** - III	Atul Chauhan
71		SPSS For Data Analysis	Prachi Singh
72		Cloud Computing: Techniques & Tools	Mir Shahnawaz Ahmad
73	-	IT Tools	Abhishek Dixit
74	2000090	Understanding Financial Markets	Saumil Maheshwari
75		Imbalance Learning	
76		Basics and Applications of Mathematica	Atul Kumar Ray
77		Technical Report Writing for Engineers	Minakshi
78		LT Spice Tutorial for Circuit Simulation	Vikas Mahor
79		MATLAB Simulink	Deepak Batham
80		Computational Methods for Engineers using MATLAB	Nitin Upadhyay
81		Basics of Campus Recruitment Training	Trilok Pratap Singh
82		Professional Networking & CSR	Monica Chauhan Bhadoriya
83		Practical Electronics for Inventors	
84		Basics of Control Systems for Engineers	Madhav Singh
85		Computational Thinking for Problem Solving	R.P. Narwaria
86	2000144	Technical writing	Nidhi Saxena
87	2000147	Digital Image Enhancement Techniques	Shubhi Kansal
88	2000149	Software Model and Project Management Life Cycle	Parul Saxena
89	-	Statistical data analysis through programming	Dhananjay Bisen
90	2000153	Innovation: From Creativity to Entrepreneurship**-III	Varun Sharma
91	2000158	Arduino: Getting Started with IoT	Bhavna Rathore
92	THE PERSON NAMED IN PORT OF TH	Control System Design using MATLAB	Vikram Saini
93		High Frequency Structure Simulator	Control of the Asset Control
94		Materials Characterization Techniques	Priyanka Garg
95	*	Scientific Research Writing	Diver Chaturardi
96	-	Solving Problems Using Modelling and Simulation	Divya Chaturvedi Kuldaan Narayan Trinathi
97		Probability and Statistics	Robit Agraval
98		Block Chain Technology	Rohit Agrawal
99		Internet of Things	Vikram Rajpoot
100		Computer Vision ARVR	Nookala Venu
101		Workshop Practice	Pawan Dubey
102		Graphic Techniques	Vaibhay Shiyhare
102			Vedansh Chaturvedi
703		Real Time Model Making Competency in Microsoft Excel	Hemant Shrivastava

105	2000190	An overview of Hadoop Ecosystem	Devesh Kumar Lal
106	2000191	Designing Digital Circuits a Modern Approach	Kuldeep Kumar Swarnkar
107	2000192	Data Analytics for Renewable Energy	Saurabh Raiput
108		Basics of AutoCAD and Ansys Software	Sharad Agrawal
109		Managerial Aspect in Engineering	Jyoti Vimal
110	2000197	Indian Knowledge System	Smita Parte
111		An Insight of Indian Thinker: Ancient to Modern	Tej Singh
112	2000200	Designing of Compensators and Controllers	Rahul Dubey
113		Basic Image Processing of Python using Google Colab	Hemant Choubey
114	2000203	Programming Skills* - 1	Rajni Ranjan Singh/Shipra Shuk







Agenda of the BoS Meeting

(BoS Meeting Scheduled to be held in the 1st Week of June 2025)

Instructions for preparing BoS Proceedings

{All information is to be uploaded on the webpage under suitable heading (such as Board of Studies) and separate links to be provided for each category mentioned below}

Minutes should have a summary/cover page mentioning all the significant changes made in the following given format:

		Courses v	vhere revisi	on was carrie	ed out		
Course name	Code	Year/Date of introduction	Year/Date of revision	Percentage of content added or replaced		Page No.	Link of relevant documents/minutes

1.

		New Courses added		
Course name	Code	Activities/contents which have a bearing on increasing skill and employability	Page No.	Link of relevant documents/minutes

- * Separate page(s) for each of the above points; Agenda point wise minutes to be appended with each point and a separate link to be given in the appropriate column for each point
- The BoS minutes along with the cover/summary page (under point number 1, above) must be uploaded on the departmental web page and link for the same must be shared with the office of the Dean, Faculty of Engineering & Technology.

Minutes should have footer with department/centre name, page number, and date of the meeting:

- 3. "Recommended in the Board of Studies Meeting of <department/centre name> held on <date>
- Each page should be signed by the members of BoS, scanned and then submitted to the Dean, Faculty of Lingineering & Technology.





(Declared under Distinct Category by Ministry of Education, Government of India)
NAAC ACCREDITED WITH A++ GRADE

	BoS Agenda Items
Item 1	To confirm the minutes of previous BoS meeting held in the month of December 2024
Item 2	To review and finalize the syllabi of all courses of UG programmes - B. Tech. and B.Arch. III Semester (for batch admitted in 2024-25) along with their COs and CO-PO/PSO matrix. (The fifth unit of each course will remain dynamic and therefore, to be designed based on the current technological advancements. As the nature is dynamic, the contents can be added/deleted during real time content delivery)
Item 3	To review and finalize the Experiment list/ Lab manual and project list under Macro Project-I for all the Laboratory Courses to be offered in UG programmes – B. Tech. and B.Arch. III Semester (for batch admitted in 2024-25) along with their COs and CO-PO/PSO matrix.
Item 4	To review and finalize the courses for Self-learning/Presentation to be offered from SWAYAM/NPTEL/MOOC based platform for UG programmes – B.Tech. and B.Arch., III Semester (for batch admitted in 2024-25).
Item 5	To propose the list of professional certification platforms and relating certifications with specific domain/areas of certification. {representative list to be prepared} (These professional certification to be honoured for credit transfer in higher semesters)
Item 6	To review & finalize the courses and syllabi for all UG programmes - B. Tech. and B.Arch., I Semester (for batch - to be admitted in 2025-26) along with their COs and CO-PO/PSO matrix. (The fifth unit of each course will remain dynamic and therefore, to be designed based on the current technological advancements. As the nature is dynamic, the contents can be added/deleted during real time content delivery)
Item 7	To review / update and finalize the Experiment list/ Lab manual for all the Laboratory Courses and Micro Project-I to be offered in B.Tech. and B.Arch., I semester (for 2025-26 admitted batch) along with their COs and CO-PO/PSO matrix.
Item 8	To review and finalize the syllabi of PG Programmes (MCA/MBA/MUP), III semester (admitted in 2024-25 session) along with their COs.
Item 9	To review and finalize the courses and syllabi for all courses for PG Programmes (M.E./M.Tech./MCA/MBA/MUP), I semester (2025-26 admitted batch) along with their Course Outcomes (COs).
Item 10	To review and finalize the syllabus/module content for Classified Novel Engaging Courses to be offered in PG programmes, I semester (2025-26 admitted batch).
	To review the CO attainments, identify gaps and suggest corrective measures for the improvement in CO attainment levels for the courses taught in first semester, July-December 2024 Session.





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item 12	To consider and review the curriculum feedback from various stakeholders, its analysis and impact report. {Curriculum offered under MITS –DU structure (i.e. 2024-25 admitted batch) to be considered}
Item 13	Any other Matter

Deemed to be University

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Annexure-6

Agenda of the BoS Meeting

(For RGPV Affiliated Batches)

(BoS Meeting Scheduled to be held up to 8th June 2025)

			BoS.	Agenda Items			
Item 1	To confirm the minutes of previous BoS meeting held in the month of December 2024						
Item 2	To review and finalize the scheme structure of B. Tech. VII Semester with the provision of Three (02) Departmental Electives (DEs) and one (01) Open Category (OC) Course. (Out of which Open category course is to be run through MITS MOOCs and Two (02) Departmental Electives are to be run through SWAYAM/NPTEL platform with credit transfer. [for the batch admitted in 2022-23].						
Item 3	To introduce a two-credit course titled "Professional Skills & Competencies" in the VII semester scheme for the batch admitted in 2022-23.						
Item 4	To propose the list of courses which the students can opt from SWAYAM/NPTEL/MOOC based Platforms to be offered in online mode for Two (02) Departmental Electives (DE) Course, with credit transfer in the B. Tech. VII Semester under the flexible curriculum {for the batch admitted in 2022-23}.						
	To propose the list of the courses (as per the format given below) which the students can opt from MITS MOOCs to be offered in blended mode for Open Category (OC) course for students of B.Tech. VII Semester under the flexible curriculum {for the batch admitted in 2022-23}.						
Item 5	S.No	Name of the Cours	se	Course Faculty	Mentor		
Item 6	To propose the list of "Additional Courses" which can be opted for getting an (i) Honours (for students of the host department) and (ii) Minor Specialization (for students of other departments) These will be offered through SWAYAM NPTEL/MOOC based Platforms for the B.Tech. VII semester students (for the batch admitted in 2022-23). To review and finalize the Experiment list/ Lab manual for Departmental Laboratory Courses (DLC) to be						
Item 7				tch admitted in 2022-23}			
Itom 0	To review and finalize the scheme structure of B. Tech. V Semester under the flexible curriculum {for the batch admitted in 2023-24}.						
Item 8				of B. Tech. V Semester un	der the flexible curriculum {for t		
Item 8	To revie	mitted in 2023-24}. w and finalize the sy	llabi for all De		ourses of B. Tech. V Semester (
	To revie	w and finalize the sylmitted in 2023-24) to	llabi for all De inder the flexib	partmental Core (DC) Core le curriculum along with to st/ Lab manual for all the	ourses of B. Tech. V Semester (
Item 9	To revie batch ad To revie B. Tech. To revie category	w and finalize the sylmitted in 2023-24) was and recommend the V Semester {for the wand recommend the wand r	llabi for all De mder the flexible Experiment li batch admitted	partmental Core (DC) Core le curriculum along with to st/ Lab manual for all the d in 2023-24}.	ourses of B. Tech. V Semester (
Item 9	To revie batch ac To revie Category batch ac	w and finalize the sylmitted in 2023-24) was and recommend the V Semester {for the wand recommend the in various laborator, imitted in 2023-24}.	llabi for all De inder the flexible Experiment liberate list of project y components is from SWAY	partmental Core (DC) Core le curriculum along with the st/ Lab manual for all the ed in 2023-24}. Its which can be assigned to based courses to be offered based courses to be offered based courses to be offered by the statement of the statemen	heir COs. Laboratory Courses to be offered under the 'Skill based mini-proje		
Item 9 Item 10	To revie batch ac To revie category batch ac To propounder Se These w	w and finalize the symmetred in 2023-24) is wand recommend the V Semester {for the wand recommend the in various laborator, imitted in 2023-24}. The set the list of course of the list of course of the list of "Additional department" and (ii) I will be offered through	llabi for all Demoder the flexible Experiment liberated admitted by components on all Courses' Minor Specialized SWAYAM/	partmental Core (DC) Cole curriculum along with the st/ Lab manual for all the st in 2023-24}. Its which can be assigned based courses to be offered based courses to be offered which can be opted for generation (for students of other NPTEL/MOOC based Planet in the NPTEL/MOOC ba	heir COs. Laboratory Courses to be offered under the 'Skill based mini-project in B.Tech. V Semester {for the batch admitted in 2023-24}. tting an (i) Honours (for students		
Item 9 Item 10 Item 11	To revie batch ac To revie category batch ac To propounder Se These we students To revier	w and finalize the symmetred in 2023-24) is ward recommend the V Semester (for the ward recommend the in various laborator, in the list of course of the list of course of the list of "Additional department" and (ii) It ill be offered through the CO attainment with the CO attainment.	llabi for all Demoder the flexible experiment in batch admitted to list of projectly components on al Courses' Minor Specialized SWAYAM/ tted in 2023-24 s, to identify go	partmental Core (DC) Cole curriculum along with the st/ Lab manual for all the st in 2023-24}. Its which can be assigned based courses to be offered based courses to be offered which can be opted for generation (for students of other NPTEL/MOOC based Plata).	heir COs. Laboratory Courses to be offered under the 'Skill based mini-project in B. Tech. V Semester {for the batch admitted in 2023-24}. tting an (i) Honours (for students of departments) tforms for the B. Tech. V semester { semester to measures for the improvement of the measures for the measures for the improvement of the measures for the measures		
Item 10 Item 11 Item 12	To revie batch ac To revie category batch ac To propounder Se These we students To revier the CO a	imitted in 2023-24). w and finalize the symmetred in 2023-24) is ward recommend the V Semester (for the ward recommend the in various laboratory in various laboratory in various laboratory in the list of course of the list of "Additional department" and (ii) It ill be offered through the CO attainment in the CO attainment	llabi for all Dender the flexible Experiment liberatch admitted batch admitted batch admitted by components on al Courses Minor Specialized SWAYAM/ tted in 2023-24 s, to identify goal the courses to the courses the sway and the courses to the courses the course the courses the course the cou	partmental Core (DC) Cole curriculum along with the st/ Lab manual for all the ed in 2023-24}. Its which can be assigned based courses to be offered based courses to be offered which can be opted for generation (for students of other NPTEL/MOOC based Planta). Ips and to suggest corrections along the suggest corrections.	heir COs. Laboratory Courses to be offered under the 'Skill based mini-project in B.Tech. V Semester {for the batch admitted in 2023-24}. tting an (i) Honours (for students of departments) tforms for the B.Tech. V semester to be measures for the improvement of the session.		