SHRI G. S. INSTITUTE OF TECHNOLOGY & SCIENCE, INDORE

No.: Regr./Acad.Coun./2021/780

Dated : 7/04/2021

The minutes of the 25th meeting of the Academic Council of the Institute which was held on 06/03/2021 in the Conference Room of the Institute at 11.30 a.m.

Following members were present :-

1.	Prof. R. K. Saxena, Director, SGSITS	Chairman
2.	Prof. R. C. Gupta, Dean Admin	Member
3.	Prof. Rakesh Khare, Dean Academics	Member
4.	Prof. S. M. Narulkar, Dean Student Welfare	Member
5.	Prof. Vandana Tare, Dean R&D	Member
6.	Prof. Meena Tiwari, Dean-Staff Welfare	Member
7.	Prof. S. Kumbhaj, Dean-Skill Development and Placement	Member
8.	Prof. H. K. Mahiyar, Civil Engg.	Member
9.	Prof. R. K. Porwal, Mech. Engg.	Member
10.	Shri M. P. S. Chawla, Associate Professor , Electrical Engg. *(in place of Prof. H. K. Verma)*	Member
11.	Prof. Awadhesh Dalpati, I.P.E.	Member
12.	Prof. Urjita Thakar, Computer Engineering *(in place of Prof. D. A. Mehta)*	Member
13.	Prof. Shekhar Sharma, Elx. & T.C.	Member
14.	Dr. B. R. Rawal, Biomedical Engg.	Member
15.	Dr. R. S. Gamad, Elx. & Instrumentation	Member
16.	Prof. Sunita Verma, Info. Tech. & C. T. A.	Member
17.	Prof. J. T. Andrews, Applied Physics	Member
18.	Prof. R. C. Gupta, Applied Mathematics	Member
19.	Prof. T. R. Saini, Pharmacy	Member
20.	Prof. Gireesh Thakar, Incharge-MBA	Member
21.	Prof. Awadhesh Dalpati, H.S.S.	Member
22.	Dr. Sudhir Tiwari, Controller Exam	Member
23.	Prof. Rakesh Khare, Professor	Member
24.	Shri H. S. Goliya, Associate Professor	Member
25.	Shri Sunil Kumar Ahirwar, Asstt. Professor	Member
26.	Ms. Swati Chaugaonkar, Associate Professor	Member
27.	Shri Pranabesh Ganai, Assistant Professor	Member
28.	Dr. Sandeep Bhongade, Associate Professor	Member
29.	Shri R. S. Mandloi, Assistant Professor	Member
30.	Prof. Awadhesh Dalpati, Professor	Member
31.	Shri F. Ujjainwala, Associate Professor	Member
32.	Shri Atul Modi, Assistant Professor	Member
33.	Dr. Satish Kumar Jain, Associate Professor	Member
34.	Ms. Jaya Dipti Lal, Assistant Professor	Member
35.	Prof. P. P. Bansod, Professor	Member
36.	Shri Rajesh Khatri, Associate Professor	Member
37.	Shri R C Gurjar, Assistant Professor	Member
38.	Prof. P. P. Bansod, Professor	Member

39.	Ms. Gauri Gupta, Asstt. Professor, Biomedical Engg. (In place of Ms. Vibha Bhatnagar)	Member
40.	Dr. Vandan Tewari, Asso. Professor, Comp. Engg.	Member
41.	Shri Lalit Purohit, Asso. Professor	Member
42.	Prof. Meena Tiwari, Professor	Member
43.	Shri Prakash Kumar Soni, Assistant Professor	Member
44.	Prof. S. Kumbhaj, Professor	Member
45.	Shri Gireesh G. Soni, Assistant Professor	Member
46.	Prof. Madhavi Verma, Professor	Member
47.	Dr. Nitish Gupta, Associate Professor	Member
48.	Dr. Smita Verma, Associate Professor	Member
49.	Dr. Rachna Navlakhe, Asstt. Professor	Member
50.	Mrs. Mayura Kemkar, Assistant Professor	Member
51.	Dr. Neeraj Jain, Associate Professor	Member
52.	Mrs. Sujata Negi, Programmer, CCRP (Exam. Office)	Special Invitee
53.	Shri Deepak Sharma (Off. Registrar)	Non Member/ Secretary

The following members could not attend the meeting :-

1.	Prof. S. C. Choubey, Professor, Elec. Engg., UIT, RGPV, Bhopal	Member
2.	Prof. Jyotsana Chouhan, Coordinator-RGPVRgnl. Centre, Bhopal	Member
3.	Prof. S. S. Bhadoria, Professor, Civil Engg., UIT, RGPV, Bhopal	Member
4.	Commissioner, D.T.E., Bhopal	Member
5.	Prof. H. K. Mahiyar, Civil Engg.	Member
6.	Prof. D. A. Mehta, Computer Engg.	Member
7.	Prof. Nitin Sapre, Applied Chemistry	Member
8.	Shri Rohit Kumar Anchaliya, T.P.O.	Member
9.	Prof. M. L. Jain, Professor	Member
10.	Prof. S. V. Charhate, Professor	Member
11.	Ms. Vibha Bhatnagar, Assistant Professor	Member
12.	Shri Manjeet Kumar Soni, Asstt. Professor	Member
13.	Dr. SarikaTiwari, Assistant Professor (English)	Member
14.	Kum. Yashwarya Khandait, Micro Elex. & VLSD	Member
15.	Mr. Saurabh Mishra, CAD/CAM/CAE	Member
16.	Kum. Gyanik Singh, IVthYear B.E. (Elec.Engg.)	Member
17.	Kum. Deeksha Khare, IVth Year B.E. (Elec. Engg.)	Member
18.	Mr. Harshit Uikey, IIth Year B. E. (I. P. E.)	Member
19.	Kum. Riya Singh, IVth Year B. E. (I. T.)	Member

The chairman welcome the members. After the opening remarks of the Chairman, the meeting was conducted by the Dean-Academics, Prof. Rakesh Khare as per the agenda.

The deliberations of the meeting are as under:

Item No. 1	To confirm the minutes of 24th Meeting of Academic Council of the Institute held on 11/11/2020.
	The minutes of 24th meeting of Academic Council of the institute held on 11/11/2020 were confirmed

Item No. 2	To ratify the minutes of the 38th emergency meeting of the Standing Committee held on 23/01/2021.
	The minutes of the emergency meeting of the Standing Committee held on 23/01/2021 were approved with following modification.
	In item no.1 (iv) weightage of marks in mid-semester test shall be average of two tests "or" average of two best of three tests, if third test is conducted as remedial or makeup test.

Item No. 3	To consider and approve the minutes of the meetings of following Boards of Studies:

	(1)	CIVIL ENGINEERING
		Approved with following comments in Item 1
		1.3- Proposed shift is progressive
		1.5- New code will be required for CE41312
	(2)	MECHANICAL ENGINEERING
		Approved
	(3)	ELECTRICAL ENGINEERING
		Approved
	(4)	I. P. E.
		Item 1, 2, 3, 4 and 6 Approved
		Item 5: Syllabus of Research Methodology will be same as approved in previous Academic Council
	(5)	ELECTRONICS & T. C. ENGINEERING
		Approved
		Scheme & syllabus are attached in Annexure -I
	(6)	ELECTRONICS & INSTRUMENTATION ENGINEERING
		Approved
	(7)	COMPUTER ENGINEERING
		Item 1: 10% change in place of 20%
		Item 2: Approved
		Item 3: Approved
		Item 4: Approved
		Item 5 not approved for open elective however they can be offered as open category subjects
	(8)	INFORMATION TECHNOLOGY (INCLUDING MCA)
		Approved
	(9)	BIOMEDICAL ENGINEERING
		Approved
	(10)	PHARMACY
		Approved
	(11)	APPLIED PHYSICS
		Item I & II Approved.
		Item III approved with following comments
		c. PH97307 WILL REQUIRE NEW CODE
		Item IV- This may be implemented for Final year as Open category subject.
	(12)	APPLIED CHEMISTRY
		Items 1 and 2 are deferred for next meeting
		Item 3 Approved
	(13)	APPLIED MATHEMATICS
		Approved
	(14)	MBA PROGRAMME
		Approved
	(15)	HUMANITIES & SOCIAL SCIENCES
		Open category courses of Items 1 to 4 were approved for all UG and PG (RGPV affiliated) Program except for I year.
		Item 5: it was approved that Values, Humanities and Professional Ethics (VHPE) course must be taught by respective departments.

Item 4: Any other item with permission of the Chair.

	1. With reference to the SW and CW marks calculation method decided in Standing Committee held on 23-01-2021, the proposed distribution of marks for attendance is as follows-
	Attendance in % Out of 5 Out of 10

60 – 70%	1 mark	2 marks
71 – 80%	3 marks	5 marks
81 – 90%	4 marks	8 marks
91 – 100&	5 marks	10 marks

2. It was approved that, in UG, all years (except I year) in all the semesters, one Open Category Course can be offered to the students with due permission of the Head of Department, which may be online/offline by the department or SWAYAM/MOOCS/NPTEL etc. Similarly, in PG courses (RGPV affiliated) also Open Category Courses may be added.

3. It was approved that, in the courses of Industrial training/ Internship/Seminar/Technical Visits, etc. of various programs, there will only be SW component. This will require no end semester practical examination and only internal assessment shall be done.

If any department wants to invite External Examiner for final internal assessment during the end semester examination, they may call and in such case the external examiners shall be paid remuneration as per the norms.

4. It was proposed that, 40% courses can be studied through online mode as per AICTE requirement.

Rules for evaluating online courses were proposed as under:

(i) Students will register for the course with due permission from the faculty/advisor of the concern department at the beginning of the semester.

(ii) Faculty/advisor will do the internal assessments and conduct the end semester examination to justify the equivalence of the subject and duration.

(iii) If the semester and the course are running on same duration, then the equivalence of internal assessment and end-semester marks will be done by faculty/advisor based on the Certificate of student's performance in online course.

It was decided to discuss this point in next meeting. A committee was constituted with the following members to decide the registration in online courses and result processing etc.

(i) Prof. D. A. Mehta (Chairman)

(ii) Prof. S. Manepatil

(iii) Prof. Girish Thakar

(iv) Prof. A. Dalpati

(v) Prof. J. T. Andrews

(vi) Dr. Neeraj Jain

5. It was approved that from next academic session, partial detention will be applicable to the students admitted in the session 2021-22.That means student may be detained in one theory/practical or more subjects. In this case student has to complete the academic requirement and appear in end semester examination of the detained subject (or subject components), during the respective/concerned semester.

For detention, department will display the list of short attendance every month on the departmental notice board. Final list must be displayed one-week prior to the last date of teaching and will be submitted to Dean (Academics)/Director for final detention.

6. It was suggested to meet the requirement of National Education Policy that minimum 25% UG/PG projects preferably should be interdisciplinary. For this purpose, a co-supervisor may be taken from

other programs (department).

7. It was approved to adapt Exam Reform Policy as suggested by AICTE. As per AICTE, focus is limited to the curriculum design part. Very little attention is given for connecting examinations/assessment tools to the program outcomes. Importance is needed of higher-order abilities and professional skills. For this it is important that the examinations also give appropriate weightage to the assessment of these higher-level skills and professional competencies. It is mandatory that every program should have PSO, competencies and Performance Indicators to map COs with POs and PSOs

8. It was approved that the faculty members should be allowed to design course assessment and rubrics of their courses. In continuation to this, from the next academic session, conduction of examination will be done in decentralized manner at department level. Faculty can conduct the exam (with the help of own department), evaluate answer books, show evaluated answer books to students and submit the answer-books and marks foil to examination department for result processing . Material required for examination (e.g. Answer books, roll list etc) will be provided by Examination department/superintendent.

However for ex-students, end semester examination will be conducted at Institute's level.

9. PG Courses

(a) Revision of PG courses/no. of seats

Revision in name, number of seats were discussed and approved, which are attached in Annexure -II

(b) Departmental Program Research Committee:

Role:

Approval of thesis title

Quality assessment

Pre-submission presentation

Constitution:

(i)   Head of Department

(ii)   One Senior faculty of Department

(iii)   Faculty related to the Program

(iv)   Internal expert from other department

(v)   External expert

* No remuneration for internal members.

(c) Thesis Progress Report and Examination Committee

Role:

(i) Review of work and Monthly progress report

(ii) Recommend online courses/seminars/workshops

(iii)Motivate for good research publications

(iv)Internal assessment.

Constitution:

(i)   Head of Department

(ii)   One Senior faculty of Department

(iii)   Supervisor/Co-supervisor

(iv)   Internal expert from other department

This committee will also examine student in the end semester exam viva voce along with External examiner.

(d) Plagiarism: Approved with suggestion

The similarity checks for plagiarism shall exclude the following:

i.   All quoted work reproduced with all necessary permission and/or attribution.

ii.   All references, bibliography, table of content, preface and acknowledgements.

iii.   All generic terms, laws, standard symbols and standards equations.

Note:

The research work carried out by the student, faculty, researcher and staff be based on original ideas, which shall include abstract, summary, hypothesis, observations, results, conclusions and recommendations only and shall not have any similarities. It shall exclude a common knowledge or coincidental terms, up to fourteen (14) consecutive words.

Levels of Plagiarism

Plagiarism would be quantified into following levels in ascending order of severity for the purpose of its definition:

i.   Level 0: Similarities up to 10%, 15% and 20% for Ph.D., P.G. and UG respectively - Minor similarities, no penalty

ii.   Level 1: Similarities above 10%, 15% and 20% to 40% for Ph.D., P.G. and UG respectively

iii.   Level 2: Similarities above 40% to 60%

iv.   Level 3: Similarities above 60%

Penalties in case of plagiarism in submission of thesis and dissertations

Institutional Academic Integrity Panel (IAIP) shall impose penalty considering the severity of the Plagiarism.

i. Level 0: Similarities up to 10% (15% and 20% for PG and UG respectively) - Minor Similarities, no penalty.

ii. Level 1: Similarities above 10% (15% and 20% for PG and UG respectively) up to 40% - Such student shall be asked to submit a revised script within a stipulated time period not exceeding 6 months.

iii. Level 2: Similarities above 40% and up to 60% - Such student shall be debarred from submitting a revised script for a period of one year. iv. Level 3: Similarities above 60% -Such student registration for that program shall be cancelled.

Two committees will be constituted

(i)   Departmental Academic Integrity Panel (DAIP)

Chairman (Head of the department)

Member (Faculty member)

Mr. Amit Naik (Member)

(ii) Institutional Academic Integrity Panel (IAIP)

Dean Academics (Chairman)
Prof. S. Manepatil (Internal Member)
Prof. Ashesh Tiwari (External Member)
Mr. Amit Naik (Member)

(e) Research Publication: Minimum One research paper published/accepted in a reputed journal or conference.

Incentive will be given to student and supervisor who will publish papers in SCI and other reputed journals.

(f) Guide Allotment for PG Thesis

Following Procedure was approved :
(i) Display Area/Topic of research and name of faculty. A faculty may have one or more areas of research.
(ii) Students will submit the choice of areas/Topics of research along with the name of faculty.
(iii) Number of thesis to a faculty may be decided rounding off on higher side by number of students/divided by No. of faculty in that PG Course.
(iv) Students shall be allotted the area/Topic and faculty on the basis of their merit and choice.
(v) Faculty with less than two years of experience may also be allotted PG Thesis as co-Supervisor.
(vi) Experts from Industry with minimum qualification of Bachelor degree in respective discipline having minimum 10-year experience can also be co-Supervisor.

(g) It was suggested for thesis submission by PG Students, range of one week will be decided by the department in the beginning of the last semester and should be notified to the students. In case of re-registration, hostellers have to vacate the hostel room.
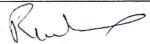
PG students will be allowed to submit the thesis within the duration of the course (i.e. two years from the commencement of classes in case of two years programs)

After this the extension will be granted by director on genuine ground, such as medical reason etc. (on the application duly forwarded by supervisor/Head of the department), otherwise students will have to re-register.

10. Relative Grading:

It was proposed that Final preparation of result be done by relative grading in the office of Controller Examination. Formula for which may be decided by a committee as under:

(i) Prof. D. A. Mehta (Chairman)

(ii) Prof. R. K. Khare (Dean Academics)

(iii) Prof. J. T. Andrews (BOS Chairman)

(iv) Prof. Sudhir Tiwari (Controller Exam)

(v) Dr. Lalit Purohit (Deputy Controller Exam)

(vi) Mrs. Sujata Negi (Programmer CCRP)

11. M.Sc. Applied Sciences fees to be reduced, Agenda to be put up in next GB meeting.

12. Remuneration rate for setting of question papers for ex-students will be 50% of the rate of question paper setting for regular papers.

The meeting ended with a vote of thanks to the Chair.

(Deepak Sharma)
Non-Member Secretary
Academic Council

(Prof. Rakesh Khare)
Dean (Academics)
Member, Academic Council

(Prof. Rakesh Saxena)
Chairman
Academic Council

Annexure - 1

Shri G.S. Institute of Technology & Science
Scheme of Examination (Applicable from 2021-22)
Bachelor of Engineering in Electronics and Telecommunication Engineering

Semester-VII

S. No.	Subject Code	Category	Subject Name	Hours /Week			Maximum Marks allotted				Total Marks	Credits		Total Credits
							Theory			Practical				
				L	T	P	Th.	CW	SW	Pr.		T	P	
1		PCC	Wireless and Mobile Networks	3	-	-	70	30	0	0	100	3	-	3
2		PEC-3	Program Elective (PEC-3)	3	-	2	70	30	40	60	200	3	1	4
3		PEC-4	Program Elective (PEC-4)	3	-	-	70	30	0	0	100	3	-	3
4		OEC-1	Open Elective (OEC-1)	3	-	-	70	30	0	0	100	3	-	3
5		HSMC	Industrial Engineering and Management	3	-	-	70	30	0	0	100	3	-	3
6		PROJ	Project Stage I (AB Group)	-	-	8	0	0	40	60	100	-	4	4
7		PROJ	Project Stage II (BA Group)	-	-	8	0	0	40	60	100	-	4	4
8			Evaluation of Internship-2	-	-	6	0	0	100	0	100	-	-	2
			Total (AB / BA Group)	15		10	350	150	80	120	700	15	5	22
	Internship 3									4-8 Weeks				

Semester- VIII

S. No.	Subject Code	Category	Subject Name	Hours /Week			Maximum Marks allotted				Total Marks	Credits		Total Credits
							Theory			Practical				
				L	T	P	Th.	CW	SW	Pr.		T	P	
1		PEC-5	Program Elective (PEC-5)	3	-	-	70	30	-	-	100	3	-	3
2		OEC-2	Open Elective (OEC-2)	3	-	-	70	30	0	0	100	3	-	3
3		PROJ	Project Stage I (BA GROUP)	-	-	8	0	0	40	60	100	-	4	4
4		PROJ	Project Stage II (AB GROUP)	-	-	8	0	0	40	60	100	-	4	4
5			Evaluation of Internship-3	-	-	6	0	0	100	0	100	-	-	4
			Total (AB / BA Group)	6		8	140	60	40	60	300	6	4	14

PEC 3	PEC 4	PEC 5	OEC 1	OEC 2
1. Microwave Devices and Circuits	1. Data Science	1. Industrial and Power Electronics	1. Internet of Things	1. Satellite and Radar Communication
2. Optical Communication	2. VLSI Technology	2. Optical Networks	2. Adavanced Digital Signal Processing	2. Game theory in Wireless Communication
	3. Digital Image Processing	3. Moocs /Swayam Online Courses*	3. Moocs /Swayam Online Course.*	3. Introduction to Cryptography
	4. Moocs /Swayam Online Courses*			4 .Moocs /Swayam Online Courses*

41.

EC - 45 ---: OPTICAL NETWORKS

HRS. PER WEEK			CREDITS			MAXIMUM MARKS				
T	P	Tu	T	P	Tu	THEORY		PRACTICAL		TOTAL MARKS
						CW	END SEM	SW	END SEM	
3	-	-	3	-	-	30	70	-	-	100

PRE-REQUISITES:- Computer networks, Optical Communication.

COURSE OUTCOME:-

Students should be able to:

1. Understand of second generation of Digital transport
2. Analyze the architecture of third generation of Digital transport.
3. Understand the operation of WDM
4. Design of optical network consisting of routers and access networks

Unit 1: SONET/SDH: Review of SONET/SDH, Frame structure, Functional Components, SONET Problem Detection.

Unit 2: Optical Transport Network: Architecture, Current Digital Transport Hierarchy, New Optical transport and Digital Transport Hierarchy, The OTN Layered Model, Generic Framing Procedure (GFP)

Unit 3: WDM networks: Operation, Dense Wave Division Multiplexing (DWDM), Elements of WDM networks, Amplifiers, WADM Input and Output Ports, WDM Cross-connects

Unit 4: Optical Routers: Switching in Optical Internets, Optical Switching Technologies, An Optical Router, Micro Electro Mechanical Systems (MEMS), Optical cross connects

Unit 5: Optical access networks: Architecture, Hybrid fiber coax (HFC), Enhanced HFC, Passive optical networks; Optical burst switching, Optical CDMA: Basic concept and applications.

Text Books:

1. Ramaswami and Sivrajan, *Optical Networks: A Practical Perspective*, Pearson.
2. Uyless Black, *Optical Networks and 3rd Genration Transport Systems*, Pearson
3. Senior J.M., *Optical Fibre Communications: Principles & Practice*, PHI.

References Books:

1. Biswanath Mukherjee, *Springer Handbook of Optical Networks*, Springer

S. No.	Department	Course/Specialization	For Eligibility, Qualifying Degree should be in	PROPOSED			
				Intake	Nomenclature	Eligibility	Degree
1	Applied Chemistry	Chemical Technology	Chemical/Petroleum/ Plastic Engineering. M.Sc. Chemistry/Applied Chemistry/ Pharmaceutical Chemistry/ Polymers/ Environmental Chemistry/Industrial Chemistry	PROPOSED TO REDUCE SEATS TO ZERO FOR TWO YEARS			
2	Applied Mathematics and Computational Science	Industrial Mathematics	Any branch of engineering, M.Sc. Mathematics/App. Mathematics/Statistics/ Operations Research	PROPOSED TO REDUCE SEATS TO ZERO FOR TWO YEARS			
3	Applied Physics & Optoelectronics	Opto Electronics - Optical Communication	B.Tech. (Electronics/Electronics & Communication/ Electronics & Instrumentation/Electrical & Electronics/Engineering Physics) Engg. OR M.Sc. (Physics/Applied Physics/Photonics/Electronics/Instrumentation/Material science) OR any other equivalent degree.	12	No Change	No Change	M. Tech.
4	Biomedical Engineering	Biomedical Signal Processing And Instrumentation	Bio-Medical/Electrical/ Electrical & Electronics / Electronics & Telecommunication / Electronics & Instrumentation/Electronics & Communication/ Electronics/ Instrumentation/ Instrumentation & Control/Power Electronics/ Industrial Electronics	12	No Change	No Change	M. Tech.
5	Civil Engineering & Applied Mechanics	Environment Engineering	Civil / Mechanical / Electrical / Chemical/ Agricultural Engineering	18	Environmental Engineering	Civil / Chemical/ Engineering	M.Tech
6	Civil Engineering & Applied Mechanics	Structural Engineering	Civil Engineering	18	No Change	No Change	M.Tech
7	Civil Engineering & Applied Mechanics	Structural Engineering (PART-TIME)	Civil Engineering	12	No Change	No Change	M.Tech
8	Civil Engineering & Applied Mechanics	Transportation Engineering	Civil Engineering	18	No Change	No Change	M.Tech
9	Civil Engineering & Applied Mechanics	Water Resource Engineering	Civil Engineering / Agricultural Engineering / B.Sc.(Engineering) Agricultural	12	Water Resource & Environmental Engineering	Civil Engineering	M.Tech
10	Computer Engineering	Computer Engineering	B.E./B.Tech. (Computer Engineering, Computer Science and Engineering, Computer Technology, Computer Science, Computer Science and Applications, Information Technolog) B.E./B.Tech. in any specialization of Computers/Information Technology as approved by AICTE	18	No Change	No Change	M.Tech

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PG Coordinator

Shri G.S Institute of Technology and Science Indore
List of PG Programs

S. No.	Department	Course/Specialization	For Eligibility, Qualifying Degree should be in	PROPOSED			
				Intake	Nomenclature	Eligibility	Degree
11	Department of Information Technology	MASTER OF COMPUTER APPLICATIONS	BCA / Bachelor Degree in Computer Science Engineering or equivalent Degree OR Passed B.Sc./ B.Com/ B.A. with Mathematics at (10+2) level or at Graduation level. form any UGC/ AICTE approved Indian University or from a foreign University recognized by Association of Indian Universities (AIU) or Institute recognized by the concerned University as equivalent thereto. Bachelor's degree of minimum 3 Yrs duration.	60	No Change	No Change	MCA
12	Department of Information Technology	ME in Information Technology	B.E. in Computer Engineering OR B.E. in Computer Science and Engineering OR B.E. in Information Technology OR B.E. in Electronics and Telecommunication OR B.E. in Electronics and Communication OR B.E. in Electronics OR MCA	12	No Change	No Change	M.Tech
13	Electrical Engineering	Power Electronics	Electrical / Electrical & Electronics Engineering	12	No Change	No Change	M.Tech
14	Electrical Engineering	Power System And Control	Electrical / Electrical & Electronics Engineering/ Power Electronics/ Electronics and Power System	12	No Change	No Change	M.Tech
15	Electronics & Instrumentation Engineering	Micro- Electronics & Vlsi Design	BE / B.Tech In Electronics And Comm. Engg, Electronics And Instrumentation Engg, Electronics Engg, Electronics And Telecommunication Engg., Electrical And Electronics Engg., Instrumentation And Control Engg., Instrumentation Engg., Biomedical Engg Or In Any Appropiriate Branch	18	No Change	No Change	M.Tech
16	Electronics.& Telecommunication Engineering	Electronics & Communications Engineering	BE/B.Tech in Electronics & Telecommunication / Electronics & communication	12	No Change	No Change	M.Tech
17	Industrial and Production Engineering	Industrial Engineering And Management	Any Branch of Engineering	12	No Change	No Change	M.Tech
18	Industrial and Production Engineering	Mechanical-Manufacturing Engineering	Industrial & Production / Mechanical / Metallurgy / Automobile / Industrial Engineering	12	Manufacturing Engineering	No Change	M.Tech
19	Mechanical Engineering	CAD/CAM/CAE	BE/B.Tech in Mechanical Engineering	18	No Change	No Change	M.Tech

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S. No.	Department	Course/Specialization	For Eligibility, Qualifying Degree should be in	PROPOSED			
				Intake	Nomenclature	Eligibility	Degree
20	Mechanical Engineering	Mechanical Engineering Design	Graduation in Aerospace , Aeronoutical, Automobile, Metallurgy, Mechanical, Mechatronics, Production/ Industrial & Production	18	No Change	No Change	M.Tech
21	Mechanical Engineering	Thermal Engg	Graduation in Aerospace , Aeronoutical, Automobile, Mechanical	18	No Change	No Change	M.Tech
22	Pharmacy	Industrial Pharmacy	B. Pharm.	15	No Change	No Change	M. Pharm.
23	Pharmacy	Medical Pharmaceutical Chemistry	B. Pharm.	15	Medicinal & Pharmaceutical Chemistry	No Change	M. Pharm.

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