Minutes of the 38th Meeting of the Senate held on August 12, 2016 from 11:00 A.M. onwards in the Conference Hall of PDPM IIITDM Jabalpur.

Members present:

Prof. Pramod Kumar Jain	Chairperson
Prof. P. N. Kondekar	Member
Dr. Prashant Kumar Jain	Member
Dr. Prabin Kumar Padhy	Member
Prof. Vijay Kumar Gupta	Member
Dr. Dinesh Kumar Vishwakarma	Member
Dr. Prabir Mukhopadhyay	Member
Dr. Mukesh Kumar Roy	Member
Prof. Aparajita Ojha	Member
Prof. Tanuja Sheorey	Member
Dr. Debanik Roy	Member
Dr. S.C. Bose	Member
Shri R. P. Dwivedi	Registrar & Secretary

The following members expressed their inability to attend the meeting:

Prof. Puneet Tandon
Dr. Atul Gupta
Prof. V. M. Gadre
Prof. P.V. M. Rao
Prof. Amitabha Mukherjee

Senate/38/01	Overview Report of the Chairperson

The Chairman, Senate welcomed all the members and particularly Dr. Debanik Roy, Prof. S.C. Bose who came from long distance to attend the meeting. He also welcomed the new members who are nominated/re-nominated as Ex-officio members as HODs/Deans. The Senate records the appreciation to the outgoing members Dr. V. K. Gupta, Dr. Prashant Kumar Jain, Prof. P N Kondekar, Prof. Tanuja Sheorey as Ex-officio members in their capacity as HODs/Deans. The Director informed that every year the Institute is admitting students for B.Tech programme through Joint Seat Allocation Authority (JOSAA). This year a total of 264 students are admitted against student sanctioned intake of 300 in B. Tech which includes two NRI students from DASA scheme. The students admitted for B.Des 25, M.Tech 87, M.Des 25 and 11 in Ph.D programme. In Ph.D 4 students are from Vishveshwariya Scheme and 01 is from the QIP.

The Chairperson informed that the date of 8th Convocation has been finalized on September 2, 2016 (Friday). Dr. V. K. Saraswat member, NITI Ayog and former Director General of DRDO will be the Chief Guest. In the convocation a total of 326 degrees will be awarded. Out of which 247 for B.Tech, 58 for M.Tech, 11 for M.Des and 10 for Ph.Ds.

The Director also announced that three students of IIITDMJ named Mr. Saad Ahmed, Mr. Amiya Datar and Mr. Nishant Choudhary won the Indore qualifying round of Noble quiz 2016 which was held at IIM Indore. The Senate applauded their achievements.

Also two students Mr. Yash Raizada and Yasawini Ravuri, participated in 'Go Green in the City 2016', a global business challenge hosted by Schneider Electric Paris. They have been selected to present their plan in Paris.

Two faculty members were selected for advanced research abroad. Dr. Jawar Singh, awarded Building Energy Efficiency Higher & Advanced Network BHAVAN) fellowship by the Department of Science and Technology, Govt. of India and the Indo-US Science and Technology Forum (IUSSTF). Dr. Anil Kumar selected for post-doctoral study in South Korea.

Senate/38/02	Confirmation of Minutes of the 37th meeting of the Senate held on May 16, 2016.

The minutes were circulated to all the members. No comments have been received. The Senate is requested to confirm the minutes.

Senate/38/03	Action taken report on the decision of the Senate vide 37th meeting of the Senate held on May 16, 2016.

The Action Taken Report (ATR) was presented before the Senate and members noted the same.

Senate/38/04	Ordinance of the Institute

The first ordinance of the Institute consequent to the implementation of the IIIT Act have been framed and a draft was placed before the Senate. The Senate after discussion has given certain suggestions/modifications/additions. The final Ordinances after the incorporating amendments have been prepared and recommended to the Board of Governors for approval. The ordinance is placed as **Annexure-I**

Senate/38/05	Recommending the names of the students for the award of the degree in the 8th Convocation

The names of graduating students who have fulfilled the requirements related to the completion of the degree as given in **Annexure-II** were placed before the Senate. A summary of the same is given below:

Programme/Discipline	B.Tech.	M.Tech.	M.Des.	Ph.D.
Computer Science & Engineering	83	09	-	04
Electronics and Communication Engineering	83	07	-	05
Electronics and Communication Engineering (Microwave & Communication)	-	04	-	-
Electronics and Communication Engineering Power and Control)	-	04	-	-
Mechanical Engineering	81	08	-	01
Mechanical Engineering (CAD-CAM)	-	06	-	-
Mechanical Engineering (Design)	-	01	-	-
Mechanical Engineering (Manufacturing)	-	01	-	-
Design	-	-	08	-
Mechatronics	-	10	-	-
Total	247	58	11	10

The Senate recommended the names for the award of degree to the Board of Governors. The Senate authorized the Chairperson for the approval of additional graduating students if any.

Senate/38/06	Recommending the names of the students for the award of the various prizes and medals in the 8th Convocation

The recommendations of the various committees for deciding the prizes and medals to be awarded to the graduating students were placed before the Senate. The names of the students and the medal to be awarded are appended as follows:

Sr. No.	Name of Prize	Programme	Name of Candidate	Roll No.
1.	Chairman's Gold Medal (CGM)	UG	VAIBHAV JAISWAL	2012249
2.	Director's Gold Medal (DGM)	UG/ME	YASHASVI GIRIDHAR	2012260
		PG/ECE	SANGEETA SINGH	1210265
3.	D&M Proficiency Gold Medal	UG	RISHABH DABRAL (CSE)	2012195
			AYUSH KUMAR GAUD (ECE)	2012054
			ANSHUL RATHORE (ECE)	2012034
4.	Academic Performance Proficiency Silver Medal	CSE (UG)	VAIBHAV JAISWAL	2012249
		ECE(UG)	DIVYA LALWANI	2012085
		ME(UG)	PRABHAT RANJAN	2012167
5.	IIITDM Proficiency Prize	CSE (PG)	SHREELEKHA PANDEY	1120163
		ECE(PG)	SANGEETA SINGH	1210265
		ME(PG)	DEEPESH PANJWANI	1310304
		Design (PG)	VIPIN YADAV	1310407
		CSE(UG)	RISHABH DABRAL	2012195
		ECE(UG)	DEEPAK KUMAR	2012070
		ME (UG)	SIDDHARTHA KUMAR	2012227
6.	Director's Silver Medals	Cultural Activities	KARTIKEYA MISHRA (CSE)	2012115
		Games & Sports	FARAZ NADEEM (ME)	2012089

The Senate recommended the names of above mentioned students for the approval of Board of Governors.

Senate/38/07	Appeals against Termination from PG programme

The appeal of the following students have considered by the Senate who have come under academic break due to inadequate performance in semester-II, 2015-16, requested to reinstate their academic programme was accepted by the Senate with the condition that they will not be paid assistantships for one semester.

S. No.	Name and Roll No.	Request by student for restoration	Remarks of Dean Academic
1.	Anoop Kr. Singh, Roll No. : 1510402, M. DES	Assurance is given by the student that he will perform much better in coming semester (Semester !, 2016-17)	As CPI is close to 6.5, all are recommended to give one more chance without assistantship. They are advised to take some course work to improve their CPI.
2.	Avinash Khanna, Roll No.: 1510303, M.Tech (ME)	Family problems and death of Grand Father. Assurance is given by him to perform better in coming semester	
3.	R. Ruban, Roll No. 1510308, M.Tech (ME)	Due to Father health as he is suffering from cardiac problem and bypass surgery has been done in March 2016. Assurance is given by him to perform better in coming semester	
4.	Gaurav Paliwal, Roll No. : 1510319, M.Tech (ME)	Faced difficulty to cope advanced course as he has not in touch with the study for last two years.	

Senate/38/08	Restructuring of M.Des Curriculum

The proposed curriculum for M.Des programme was presented before the Senate by Dr. Prabir Mukhopadhyay, Head (Design). The Senate approved the same.

Senate/38/09	Ratification of approvals given by the Chairperson, Senate.

The approvals given by the Chairperson, Senate were placed before the Senate. The Senate ratified the same. A copy of the approvals is attached as **Annexure-III.**
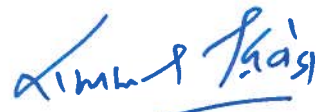
Senate/38/10	Any other item with the permission of the Chair

(i)   Guidelines for registration of online courses by the students: The Senate has gone through the recommendations of the APCS and approved with some modifications (Enclosed in **Annexure IV**).

(ii)   Proposal for introduction of Ph.D. programme in English Literature of PDPM IIITDM Jabalpur: The Senate after discussion has approved to introduce Ph.D programme in English Literature. The guidelines submitted to the Senate needs modification and the chairperson Senate is authorize to approve the same.

(iii)   The Senate discussed about the financial assistance of PhD students for conferences, workshops etc. It is approved that, only regular students with Institute Assistantship will be eligible for the financial assistance from the Institute.

(iv)   One PG course with title "Wireless Sensor Network" is approved by the Senate and enclosed in **Annexure V**.

(v)   The Senate approved that a medal will be awarded to a single candidate. If committee found that a group of students are shortlisted for a medal, additional screening process will be done to select the candidate for the award.

(vi)   It was informed to the senate that, some students came out of academic break in the summer after 6th semester. They have no course to register in 7th semester. As PBI starts in June, they are not able to do PBI. The senate approved that, the students may register a part of PBI in the current semester and rest can be register in the next summer.

(vii)   The Senate is approved that a faculty can take a full/part of a regular course through video conference.

(viii) The Senate reviewed the difficulties the running summer course and authorized the Chairperson, Senate to constitute a committee to analyze and make recommendations on the issue.

The meeting ended with thanks to the Chair.

(R. P. Dwivedi)
Registrar & Secretary, Senate
16-08-2016

Prof. Pramod Kumar Jain
Chairperson, Senate

**PANDIT DWARKA PRASAD MISHRA
INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN AND
MANUFACTURING, JABALPUR**

ORDINANCES OF PDPM-IIITDM JABALPUR

Section 35 Ordinances: Subject to the provisions of this Act and the Statutes, the Ordinances of each Institute may provide for all or any of the following matters, namely:

0. ACADEMIC PROGRAMMES AND DEGREES/ DIPLOMAS

1. The Senate, after examining each proposal for introduction of a new Programme from the point of view of its viability and desirability in the light of broad goals as set forth in the Act & Statutes of the Institute, shall make suitable recommendations to the Board of Governors of the Institute.
2. The recommendations of the Senate on each proposal for introduction of a new Programme shall be considered by the Board of Governors.
3. The minimum admission standards and the duration of each Programme, whether existing or new, shall be advised by the Senate.
4. The curriculum of each Programme, required for its successful completion, shall require prior approval of the Senate. Any change in the approved curriculum of any existing Programme shall also require prior approval of the Senate.
5. The Senate shall approve the format of each Degree/Diploma to be awarded to a student after successful completion of the Programme. Any revision in the format of a Degree/Diploma shall also require approval of the Senate.
6. Conferment of an Honorary Degree of the Institute shall be in accordance with Statute.

a) The admission of the students to the Institute

The Senate shall decide the criteria and policies for-admission in the various programmes of the Institute.

a.1 Undergraduate Programmes (B.Tech./B.Des.)

1. The Institute shall offer four-year
    i.   Bachelors of Technology (B.Tech.) programme in
         a. Computer Science & Engineering (CSE),
         b. Electronics & Communications Engineering (ECE), and
         c. Mechanical Engineering (ME)
    ii. Bachelor of Design (B.Des.) Programme
2. Admissions to the B.Tech. programmes of the Institute are made once a year in July through the Centralized Admission Examination (Joint Entrance Examination (JEE (Main)). Counseling of the students/ qualified candidates of the said examination is managed by Centralized Counseling Board (Joint Seat Allocation Authority (JoSAA)). The minimum academic qualification for admission is a pass in the final examination of 10+2 system or its equivalent with Physics and Mathematics as compulsory subjects.
3. Admission to the B.Des. Programme of the Institute is made once a year in July through the Undergraduate Combined Entrance Examination for Design (UCEED).
4. Reservations for Scheduled Caste (SC), Scheduled Tribe (ST), Other Backward Classes (OBC) and Physically Handicapped (PH) candidates shall be as per the Government of India rules. The reserved seats are filled on the basis of counseling done as per the specified qualifying norms by the JEE/UCEED.
5. Admission to an undergraduate programme of the Institute requires that the applicant
    i.   be eligible (i.e. passed XII standard public examination) as per the requirement mentioned in 2 or 3 above, and
    ii. satisfies the requirements of the laid-down admission procedure, and
    iii. pays the prescribed fees and other dues as applicable.

a.2 Postgraduate Programmes (M.Tech./M.Des./Ph.D.)

1. The Institute shall offer
    i)   *Four-Semesters Masters programme*, i.e. Master of Technology (M.Tech.) and Master of Design (M.Des.) programmes and
    ii) *Doctoral of Philosophy* (Ph.D.) *programmes*

2. Postgraduate students shall be admitted under the following categories:
    FULL TIME
    i)   Institute Assistantship (IA)
    ii) Govt./Semi Govt. Fellowship Award (FA) (QIP, Deity, CSIR, UGC, DAE, DST, DBT, NBHM, etc.)

iii)   Sponsored Candidates (SW)

PART TIME
  i)   Institute Staff (IS), for Institute Staff of IIITDM Jabalpur
  ii)   Project Staff (PS), for Project Staff of IIITDM Jabalpur
  iii) External candidates, sponsored by recognized R & D organizations / academic
        institution / industry (EX)

2.1 Institute Assistantship (IA)
The students under this category are entitled to financial support (Teaching Assistantship), as per the MHRD norms. Further, the student is required to assist 8 hours of work per week assigned by the Discipline.

2.2 Fellowship Award (FA)
These candidates are financially supported under various Govt. / Semi Govt. schemes (CSIR, UGC, DAE, DST, DBT, NBHM, etc.), Department of Electronics and Information Technology (Deity), Aeronautics Research & Development Board (ARDB), Department of Science and Technology (DST), Atomic Energy Regulatory Board (AERB), Department of Atomic Energy (DAE), etc. The candidates under this category may be assigned teaching assignment per week by the Discipline, as per the requirement of the concerned fellowship.

2.3 Sponsored Candidate (SW)
These candidates are sponsored by recognized R&D organizations/academic institution/ industry for doing research work in the Institute. Candidates are expected to be relieved for full time research work at the Institute for a minimum period of three years. They will not receive any financial support from the Institute.

2.4 Institute Staff (IS)
This category is only for the persons employed as Institute Staff at IIITDM Jabalpur and the candidate should have worked in the Institute for at least 2 years on a regular position at the time of admission.

2.5 Project Staff (PS)
This category refers to the candidates employed at IIITDM Jabalpur and working on sponsored projects undertaken by the Institute and admitted to the Ph.D. programme. A candidate will be eligible to apply under this category if the remaining duration of the project at the time of admission is 2 years or more. The students under this category will receive their fellowships from the project in which they are employed and shall perform duty as per the requirements of the project.

2.6 External (EX)
This category refers to a student employed in an R&D organization/ academic institution/ industry having adequate research facilities. Such organizations shall be approved by the Chairperson Senate. The Institute does not provide any assistantship/ fellowship to such a

student. There shall be two sub-categories in this:

a. Candidates who have been locally employed within the radius of 100 km from the institute as professionals in an establishment/ organization/ institute. Such candidates shall not be having any bounding of the residence requirement but shall be able to attend all the classes, labs, etc. on regular basis.

b. Candidates who have been employed beyond the radius of 100 km from the institute as professionals in an establishment/ organization/ institute approved by the Senate. The research work leading to the Ph.D. degree by such students may be carried out largely in the parent organization of the candidate under a local supervisor from the organization but with the overall guidance provided by a faculty member (Institute Supervisor) of the Discipline in which she/he is registered. Such candidates are:

   i. required to be resident of the institute till they complete the course work and pass the comprehensive examination and

   ii. get the approval of the Chairperson, Senate on a written proposal (prepared in consultation with his supervisor(s)) outlining the work proposed to be done in his thesis.

3. In each postgraduate programme, seats shall be reserved as per prevalent Government of India norms. The number of seats is given below.

Regular (Institute Assistantship)	Sanctioned strength
Sponsored	10% of the sanctioned strength and over and above the sanctioned strength
Govt./Semi Govt. Fellowship Award (FA)	As approved by the fellowship authority or 20% of the sanctioned strength (over and above the sanctioned strength)
Part Time	20% of the sanctioned strength and over and above the sanctioned strength

4. Eligibility for Admissions

Master's Programme

A minimum of 60 percent marks OR a CPI/CGPA of 6.0 (on the scale of 10.00) or equivalent shall be required in the qualifying examination (B.Tech./B.Des. or equivalent) as the specified minimum for admission in a master's programme.

For admission to two years Masters Programme under regular category, qualifying marks/certificate in GATE/CEED/(CSIR/UGC-JRF/NET) or equivalent examination conducted at national level will be essential. The candidate should have valid GATE/ CEED/ UGC-JRF score.

<u>Doctoral Programme</u>

A minimum of 60 percent marks OR a CPI/CGPA of 6.0 (on the scale of 10.00) shall be required at the master's level qualifying examination (M.Tech./ M.Des./ M.Sc./ M.A./ M.B.A., etc.) as the specified minimum for admission in a Ph.D. programme. Minimum duration for such masters' programme shall be two years.

For admission to Doctoral Programme, the candidate must have qualified GATE/ CEED/ (CSIR/ UGC-JRF/ NET) or equivalent examination conducted at national level at any time.

5. Relaxation for reserved category in the eligibility requirements shall be as per Govt. of India norms.

6. In case of *sponsored and part time categories*, candidates shall have a regular employment and shall be required to apply through proper channel (the employer or her/his authorized signatory). Such candidate shall have served for at least two years in a reputed R&D establishment/ organization/ academic institution/ company associated with design, development and/or manufacturing of engineering products as approved by the Chairperson, Senate, except for Ph.D. in English literature in which case, the candidate shall have served in a reputed academic institution.

7. In case of *Fellowship Award category*, eligibility criteria for the candidates shall be the same as laid down by the fellowship awarding agency. Such candidates will be exempted from requirement of qualified GATE/ CEED/ (CSIR/UGC-JRF/NET) or equivalent examination conducted at national level.

8. Students under Dual Degree

   A) Towards the middle of fourth semester of the Masters' programme students of the institute having CPI $\geq$ 8.5 (for SC/ST CPI $\geq$ 8.0) can submit request for the conversion of their program to Dual Degree (M.Tech.+Ph.D.) along with research proposal. Research proposal should be comprehensive in nature.

   B) PGPC will give its recommendation to Dean Academic for the conversion after evaluating and weighting the research proposal. The recommendation will go to the Chairperson Senate for final approval.

   C) After the conversion, student will be considered as a regular Ph.D. student from the date of registration in the dual degree and must complete all requirements of Ph.D. Relaxation in course work/ modification in course work may be allowed on the recommendation of RPC and approved by Dean Academic.

9. Direct Admission to Ph.D after B.Tech

   A) Students who are currently in their final year in any of the Centrally Funded Technical Institutions (CFTIs) will only be eligible for the admission under this category.

   B) To be eligible for the admission under this category, a candidate is required to have a minimum CPI of at least 8.0 CPI or equivalent (on a scale of 10) at the end of the

seventh semester under OPEN and OBC categories. For SC/ST category students, the minimum CPI requirement will be relaxed to 7.0. Qualified and valid NET/GATE score is mandatory in this case.

C) They shall be admitted through the same regular admission process as specified for the regular Ph.D. students.

10. The process of admission under the following categories shall be the same as per the guidelines approved by the Senate:
    i) Institute Assistantship (IA)
    ii) Fellowship Award (FA),
    iii) Sponsored Candidates (SW)
    iv) Institute Staff (IS), for Institute Staff of IIITDM Jabalpur
    v) Project Staff (PS), for Project Staff of IIITDM Jabalpur
    vi) External candidates, sponsored by recognized R & D organizations / academic institutions / industry (EX)

11. Admissions to different Doctoral programmes may be recommended on the basis of the performance in the qualifying examination and performance in written test and/or interview for all categories recommended by the duly constituted Selection Committee of the Discipline and approved by the Chairperson Senate on the recommendation of Head of the Discipline and Dean Academic.

12. A project staff working on the sponsored projects undertaken by the Institute shall be eligible for admission under the category of part time subject to following additional conditions:

    a. The project staff shall apply through the PI of the project along with a research proposal in line with the project on which he/she is working. Such application shall be forwarded by the head of the discipline under PS category and shall clearly mention in her/his application *"Financial Assistance for the Stipend or Fellowship shall strictly be borne by the project funds and not by MHRD/Institute Assistantship"*.

    b. If the candidate is found suitable, she/he shall be given provisional admission up to the next selection process. The provisional admission will be confirmed, only if she/he is selected through the regular selection process. In case the project staff does not get selected, the provisional admission shall stand cancelled and he/she cannot continue the Ph.D. programme.

    c. The PS shall not be paid any Institute assistantship (She/ He will be receiving his scholarship /assistantship from the project in which he/she is employed) and the institute shall have no liability whatsoever, in case the project tenure is over and the PI is unable to pay the assistantship to the student. The financial onus of the student strictly lies with the Principal Investigator (PI) and the Project. In case the project

gets over at the end of 2 years, the candidate can apply for conversion to other category.

d. The PS shall perform assignment assigned by the PI of the project under this category.

13. The credit requirements, minimum time period and other academic rules shall remain invariant as imposed on regular Ph.D. student of all categories.

14. A student may apply for conversion of categories (IA, FA, SW to EX) through RPC, as per the guidelines framed by the Senate. Approval for such conversion may be given by the Chairperson Senate on the recommendation of Head of the Discipline and Dean Academic.

15. The offer of admission may also stand withdrawn if the candidate who has accepted the offer by paying her/ his fee but fails to register in the programme by the last date of registration.

16. In exceptional cases, a student admitted in the programme, who has paid her/ his fees but is unable to register within the *registration dates* as mentioned in academic calendar due to valid reasons, may request for the *deferred admission*. On the recommendation of the Dean Academic, the Chairperson Senate may allow the deferment of admission for the duration not normally exceeding by one semester. However, all cases of *deferred admissions* shall be required to be ratified by the Senate and may stand cancelled otherwise.

17. The admission of a student who fails to submit the prescribed documents by the specified date or fails to meet other stipulated requirement(s) may be cancelled by the Dean Academic. The Dean Academic may also cancel the admission of a student at a later time if it is found that the student was unfit at the time of admission or had supplied some false information/ certification or suppressed relevant information while seeking admission to the Institute.

RESIDENCE REQUIREMENTS

1. The Institute's programmes are essentially residential ones and unless otherwise exempted/ permitted, every student shall be required to reside in, and be a boarder of a Hall of residence, to which he/she is assigned.

2. A student registered under sponsored and fellowship award category shall be required to stay for required duration as specified by the Institute and the sponsoring organization must specifically undertake to relieve him/her for the said period.

3. Students registered in the EX category (working beyond 100 km radius from the

institute) will be required to stay in the campus at least as long it takes to

- complete the course work and pass the comprehensive examination and
- get the approval of the Chairperson, Senate on a written proposal (prepared in consultation with his supervisor and co-supervisor) outlining the work proposed to be done in his thesis.

4. Students registered under the EX category (working within 100 km radius from the institute) will not be required to stay in the campus but they need to attend all the regular classes, labs, seminars and exams as per the need of their programme.

ACADEMIC SESSION

1. The academic session of the Institute normally begins in the first week of August every year and ends at the end of July. It is divided into three parts: Two regular Semesters and a Summer Term. The summer term is defined only for undergraduate programme. For the PG programmes, there is no summer term.

2. Each of the two semesters consists of about Seventeen (17) weeks inclusive of two weeks of examinations, one week of mid–semester recess and about fourteen weeks of teaching. The summer term consists of about ten (10) working weeks including examinations.

3. The exact dates of all the important events, such as orientation, registration, late registration, commencement of classes, adding and dropping of courses, submission of documents, examinations, submissions of grades, conversion of I- grades, vacations, mid-semester recess, etc., during the Academic Session shall be specified in the Academic Calendar of the Institute duly approved by the Senate. The academic calendar is normally brought out before the beginning of a calendar year.

REGISTRATION

1. On the dates specified in the Academic Calendar of the Institute, all students shall register in each semester for the courses to be pursued by them as per their programme requirements. *The entire responsibility for the semester registration rests with the student concerned.*

2. The semester registration in the Institute involves:
   (a) filling of the registration form mentioning the courses to be credited in the semester/summer term from among the courses offered by the Institute and the programme requirements specified in the curriculum, including the thesis work, if any.
   (b) payment of fees and clearance of outstanding dues, if any, and
   (c) physical reporting (signing of the registration roll) in the Academic Section of the Institute.

3. A new entrant in the postgraduate programme, who is awaiting the results of her/ his qualifying examination, shall be allowed to register *provisionally* on submission of a certificate from her/ his institution certifying that she/ he has appeared in the final qualifying examination including all papers in theory, practical, project, oral, etc.

4. Such a candidate shall submit documents of having passed the qualifying examination by the last date for document submission, as given in the Academic Calendar of the Institute, for getting her/his registration regularized.

5. If for any compelling reason like illness or any other valid reason, a student is unable to register on the day of registration as mentioned in academic calendar, she/ he can register on the late registration day specified in academic calendar on payment of the late registration fee. However, if a student seeks prior permission to register late on valid grounds, she/ he may be allowed by Dean Academic without paying the late registration fee.

6. A student needs to pre-register for the next semester on the dates specified in the academic calendar of the Institute.

7. It is mandatory for all students to physically report on the first day of reporting as laid in the academic calendar. If for some valid reason a student fails to report, she/ he needs to late register after paying late registration fees. However, if a student seeks prior permission to report late on valid grounds, she/he may be allowed by Dean Academic without paying the late registration fees only till the date of late registration as mentioned in the academic calendar.

Cancellation of Semester Registration

1. Absence for a period of four or more weeks at a stretch or in total during a semester shall result in automatic cancellation of the registration of a student from all the courses in that semester.

2. Absence for a period of three or more weeks at a stretch or in total during a summer term shall result in automatic cancellation of the registration of a student from all the courses in that summer term.

b) The courses of study to be laid down for all degrees *and* diplomas of the Institute

1. A list of courses to be offered during the semester shall be provided by the discipline to the Academic office.

2. Each course carries a weight in terms of credits depending upon the number of contact hours including lectures and tutorials and/or laboratory hours attached with the course. The academic load and the credit for a given course are decided by the following calculation:

    Academic Load: $AL = 3.0 \times L + 1.0 \times T + 1.5 \times P + 0.0 \times D + 0 \times PR$

Academic Load AL	Course Weightage or Credit Units
≤06	2
07-08	3
09-12	4
13-15	5

    where L, T, P, D and PR are number of lecture, tutorial, practical, discussion and project hours in a week respectively.

3. The courses of study shall focus on following philosophies.
    *   Choice based credit systems
    *   Project based learning.
    *   Industrial experience
    *   Inter-disciplinary approach
    *   Focus on IT enabled Design, development and manufacturing projects for hands on experience

Undergraduate (BTech/BDes)

4. A student needs to earn minimum credits as per the curriculum approved by the Senate for completing the BTech/BDes programme in different natures of courses:

Total Credit in BTech		160	
		81	
Professional courses	Professional core: 33	courses from Engineering disciplines (EC,CS,ME)	
	Professional Ele: 34 -38	courses from Engineering disciplines (EC,CS,ME)	
	Project: up to 04-08	Project from all disciplines (EC,CS,ME, NS, DS)	
	Professional Lab: 6	courses from Engineering disciplines (EC,CS,ME)	
Core courses (ES+NS+DS+MN+HS)		79	
	Engineering Science (ES): 30	courses from different disciplines (core+elective)	
	Natural Science(NS): 21	Courses from natural Science(core+elective)	
	Humanities (HS): 12	Courses from English, Environmental Science and others (core+elective)	
	Design (DS): 8	Courses of Design in nature (core)	
	Manufacturing (MN):4	Courses of Manufacturing in nature (core)	
	Management Science (MS):4	Courses of Management in nature (core)	

5. The courses of study shall include projects:

Optional Project (starting from Semester one)	• A student can choose project starting from first semester and can register at any time in a year after discussing with faculty mentor. • Credits for this project will be two credits in a year. • A student can earn maximum of 6 credits within 3 years and he/she may get relaxation of 6 credits in the curriculum (Including PBI/Project) as per his/her choice. • The final evaluation of this optional project will be carried out by a committee approved by the head of the discipline • The weightage for grading will be: Faculty mentor-70%, committee-30%. • The faculty mentor will be convener of the process of evaluation of his student.
External Project (Project Based Internship (PBI))	• A student can register for PBI in 7th Semester for 12 credits (against 3 prof. Electives). • Such students must earn remaining 8 credits from other semester out of which at least 4 credits should be before PBI. • Such student will do the project in Industry/ Company/

	premier educational Institutes and requires approval of DUGC. • Coordination of PBI shall be done by the Discipline.
Design and Manufacturing Projects	• All students of B.Tech. programmes are required to register for Design and manufacturing project in their fourth semester • This project must contain interdisciplinary contains • The project shall focus on design and fabrication of prototype of a product • Final outcome of the project must be a prototype of a project.

6. A student is required to ensure that she/he has completed the pre-requisite(s), if any, for each course to be registered. At any stage if it is found that she/he is not meeting the pre-requisites of a course then the registration of the student in that course shall be cancelled by the Dean Academic.

7. A student having her/his CPI≥8.0 may however, be permitted by the Discipline Under Graduate Committee (DUGC) to take an overload of maximum of 4 credits (earned through one or more courses) for the purpose of :-
   (i) Enriching her/his knowledge or
   (ii) clear backlogs

8. Registration of deficient students is done as per the recommendations of the DUGC and she/he may be required to take a reduced load as per the provisions/ recommendations of the respective DUGC.

9. Summer Term under graduate courses are offered by the Institute generally to help deficient students in clearing their backlogs and a student is allowed to take maximum of 8 credits during the Summer Term.

10. For an elective course to be offered in a particular semester, a minimum of five students must be registered for that course.

11. A student may add or drop course(s)by the last date specified in the *Academic Calendar* of the Institute with the permission of the DUGC.

12. An undergraduate student may be allowed to register for the reduced load by the Dean academic on the recommendation of DUGC, if
   (i) A student is unable to cope up with her/his semester load and is under academic probation/ academic break
   (ii) In exceptional cases, due to some genuine reason, the student is not able to cope up with the academic load.

Postgraduate Programme (MTech/MDes/PhD)

1. The courses of study of postgraduate programme shall comprise of
   - Professional Communication course
   - Core Courses
   - Electives or Electives in Modular Form (EMF)
   - Thesis Work
2. Minimum credits requirements for completing the postgraduate programme:

	M.Tech.	M.Des.	Ph.D. [after Maters' programme]	Ph.D. [after B.Tech./ B.E./ M.Sc./MA]
Minimum total number of credits	70	94	72	106
Minimum number of credits through the course work	28	60	16	40
Minimum number of credits through Graduate/Progress Seminar	04	04	06	06
Credits through Teaching Work*	–	–	02	02
Credits through Summer Internship	-	02	-	-
Minimum number of credits through thesis research	32	20	48	48
Professional Communication Skills course	02	02	02	02

3. It is mandatory for all PG students to credit a course on *"Professional Communication Skills"* of 2 credits. Students will be awarded either S or X grade in the course. Those Ph.D. students who have completed this course during their Masters' programme at this Institute shall be exempted from the course.
4. PhD students will be permitted to register in courses on foreign language communication skills such as Japanese, German or French, as per the availability of foreign language teachers on audit basis.
5. Thesis work can be registered in a semester in multiples of 4 credits.
6. If a student clears the comprehensive examination before the last date of adding courses as specified in the Academic Calendar, she/he would be allowed to add progress seminar by dropping the research seminar in that particular semester.
7. *Graduate Seminar* and *Progress Seminar* carry 2 credits each and are required to be registered by all Master's and Doctoral students respectively in different semesters of their programmes.
8. All Doctoral students shall be required to register against progress seminar in every semester of their programme after successful completion of the comprehensive

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examination and before the successful completion of open seminar.

9. The credits through teaching work will be evaluated by the faculty appointed by the head of the discipline for the purpose. The teaching credits will be evaluated by S or X grades.

10. A postgraduate student (except M.Des.) shall register for 16-20 credits in a semester.

11. Students registered under EX category shall be required to register for 10-14 credits in a semester.

Electives in Modular Form (EMF) for undergraduate and postgraduate programmes

1. Institute curriculum for the postgraduate program has the provision of Professional Electives and Open Electives. The Institute may offer these electives in the format of Electives in Modular Formats (EMFs) of one or two credits.

2. The duration of an EMF shall be of 10–11 lecture hours for one credit and 20-22 lecture hours for two credits. One elective course can be replaced by EMFs of equivalent credits. Postgraduate students may opt for EMFs against electives by registering for the EMFs of equivalent number of credits with the consent of the thesis supervisor(s)/ Convener DPGC.

3. Regular faculty members, Guest/Adjunct faculty and professionals working in the industry/ R&D Organizations and Labs who wish to offer an EMF shall be required to propose, the lecture-wise schedule of the course. Course contents of all the EMFs shall require a formal approval by the Senate. The curriculum vitae of the proposed Instructor In-charge shall also be a part of the proposal for an EMF for its approval.

4. Running of EMFs shall be coordinated by respective disciplines who will announce EMFs running in a semester.

5. Barring the scheduled examination period, EMFs may run for any duration of the semester in which they are offered. Efforts shall be made to ensure that they are offered in two or more parts and only in very specific cases, it will be run in contiguous manner. However, (i) the Title and the Course Number, (ii) Dates of Lectures, (iii) the Course Content and (iv) the Name of the Instructor(s), for them shall be compulsorily announced at the time of the Semester Registration.

6. Students registered in an EMF shall be graded on the basis of marks obtained in assignments, one or more quizzes, and a final examination. The Instructor will announce at the beginning of the course the break-up of marks for attendance (if any), assignments, quizzes, exam, etc.

7. Grading for the EMF shall be done by the Instructor and will be submitted to the academic office through Head of the concerned discipline.

c) **The conditions under which students shall be admitted to the degree or diploma courses and to the examinations of the institute, and shall be eligible for degrees and diplomas;**

c.1: Conditions under which students shall be admitted to the degree/ diploma

1. All students enrolled in the undergraduate / master's programmes are admitted to the candidacy for the Bachelor's / Master's degree.
2. A student enrolled in the Doctoral programme is formally admitted to the candidacy for the Doctoral degree after he/she has completed :
    a. the minimum credit requirements of the Course work with minimum CPI of 7.0.
    AND
    b. has successfully completed the comprehensive examination.

c.2: Conditions for Admission to the Examinations:

1. The student may be allowed to appear in the examination if:
    a) She/ he has formally registered in the course/ project/ lab/ thesis
    b) She/ he fulfills the minimum requirement of the attendance, residence, and any other relevant requirement(s)
2. The evaluation of the UG and PG students in a course except EMF will be a continuous process and shall be based on their performance in end semester written examination, one mid semester written examination and a minimum of two assessments in the form of quizzes/ short test/ assignments/ seminars/ course projects.
3. Large deviation from recommended mode of evaluation as mentioned in section 2 above, needs prior approval from the Dean Academic.
4. Makeup for any absence from mid semester/ test/ quizzes will be at the discretion of the Instructor. Instructor needs to be convinced that the reasons for absence are genuine.
5. If a student, for some bonafide reasons such as illness, at home etc. fails to appear in the end-semester examination in one or more course(s), she/he may make a request on a prescribed form, personally or through someone to the Dean Academic through instructor-in-charge for make-up examination within two days of the date of the scheduled examination. Such a request must be substantiated by justified reasons and proper document (e.g. a certificate from the Institute's Medical Officer for failure to appear in the examination due to illness). The decision of Dean Academic will be final in this regard. The makeup examination will be conducted as per Academic Calendar.
6. The schedule for the mid-semester examination, end-semester examination and make-up examination (if any) is prepared and announced by Academic office in accordance with *Academic Calendar*.
7. If a Doctoral Student registers for more than 8 thesis credits in a semester prior to

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Comprehensive examination, she/he has to register for research seminar in that semester. Research seminar will be evaluated by the RPC (Research Progress Committee) of the scholar and the scholar will be awarded 'S' or 'X' grade based on her/ his satisfactory or unsatisfactory performance respectively. Academic programme of a research scholar will be dropped in case she/he accumulates three or more X's towards research seminars.

8. After the comprehensive examination Doctoral Student needs to register for progress seminar in every semester till she/he appears for the open seminar.

c.3: Degree/ Diploma

1. A student is deemed to have completed the requirements for award of degree/diploma, if she/he:
   a) has completed successfully minimum academic requirements for the award of degree
   b) completed the minimum requirement of residence
   c) paid all dues to the Institute and the Halls of Residence, and
   d) no case of indiscipline is pending against her/him.

2. A student who completes all the graduation/ post-graduation requirements specified in Section 1 above shall be recommended by the Senate to the Board of Governors (BOG) for the award of the appropriate degree/ diploma in the ensuing convocation. The degree/ diploma can be awarded only after the BOG accords its approval.

3. Under extremely exceptional circumstances, where gross violation of the graduation requirements is detected at a later stage, the Senate may recommend to the Board of Governors for withdrawal of a degree already awarded.

c.4: Minimum Academic Requirements for the award of degree

Undergraduate Students

A student enrolled in the undergraduate programme (B.Tech./B.Des.) shall formally become eligible for the Bachelor's degree after she/he has completed:

a) completing the minimum credit requirements of Course/ Project work as per the approved curriculum.

AND

b) have at least the minimum required CPI of 5.0

AND

c) Satisfied all the additional requirements specified by the Discipline and approved by the Senate, if any,

AND

d) Satisfied all the requirements specified in Institute Ordinances and by the Senate.

Master's Students

A student enrolled in the Master's programme shall formally become eligible for the Master's degree after he/she has:

a) completed the minimum credit requirements of each of the following

    i. Coursework

    ii. Graduate seminars and

    iii. Thesis/ Project work,

AND

b) have at least the minimum required CPI of 6.5

AND

c) must have successfully defended her/his thesis and submitted her/ his final thesis

AND

d) satisfied all the additional requirements specified by the Discipline and approved by the Senate, if any,

AND

e) satisfied all the requirements specified in Institute Ordinances and by the Senate.

Doctoral Students

A student enrolled in the Doctoral programme shall formally become eligible for the Doctoral degree after he/she has:

a) completed the minimum credit requirements of each of the following

    i. Course work

    ii. Teaching work

    iii. Progress Seminars and

    iv. Thesis work

AND

b) have at least the minimum required CPI of 7.0 in course work

AND

c) must have successfully defended her/his thesis and submitted her/ his final thesis

AND

d) Satisfied all the additional requirements specified by the Discipline and approved by the Senate, if any

AND

e) Satisfied all the requirements specified in Institute Ordinances and by the Senate.

c.5: Minimum and Maximum Duration of a Programme

1. The minimum duration for completion of undergraduate programmes shall be of eight regular semesters.
2. The minimum duration for completion of both Master's and Doctoral programmes shall be of 4 semesters and for Doctoral students directly admitted to Ph.D. programme after B.Tech. shall be of 6 semesters.
3. The minimum duration for completion of Doctoral programmes under part time category shall be of 6 semesters.
4. The maximum duration under which the undergraduate programme is to be completed,

irrespective of the category of the student, shall be 6 years.

5. The maximum duration under which the Masters programme is to be completed, irrespective of the category of the student, shall be 4 years.

6. The maximum duration under which the Doctoral programme is to be completed, irrespective of the category of the student, shall be 6 years. In exceptional cases, the Senate is empowered to give extension.

d) The conditions of award of the fellowships, scholarships, exhibitions, medals and prizes;

1. In order to financially assist (a) meritorious students coming from weaker economic background, (b) girl students and (c) Scheduled Castes (SC), Scheduled Tribes (ST) and Other Backward Caste (OBC) students, the Institute may award
    (i) Scholarships,
    (ii) Tuition Waivers (Freeships),
    (iii) Book and other Grants,
    (iv) Pocket Allowance,
    (v) Free Basic Messing Facility and any other facilities from its own funds as per government policies and guidelines applicable at the time of the award.
2. Board of Governors of the Institute may instate such fellowship, scholarship, medals and prizes on the recommendation of the Senate.
3. In order to promote an outstanding or excellent academic performance, excellence in a given course of the program, excellence in research, social service, games and sports, cultural activities, participation in students counselling, participation and constructive leadership in gymkhana involving all round overall performance, the Institute may award various scholarships, prizes, medals and awards either from its own funds or from funds obtained from other governmental or non-governmental sources.
4. In order to promote the study at the postgraduate level, the Institute may award various scholarships/assistantships to its students either from its own funds or from funds obtained from other governmental or non-governmental sources.
5. In order to promote research and development in specified fields, the Institute may award various scholarships, prizes and medals to its undergraduate as well as postgraduate students either from its own funds or from funds obtained from other governmental or non-governmental sources.

d.1: Financial Assistance From Institute Funds
Merit-cum-Means (MCM) Scholarships for Undergraduate Students
1. In order to financially assist meritorious students coming from economically weaker background, the Institute may award Merit-cum-Means scholarships to needy students from its own funds made available by the Ministry of Human Resource & Development (MHRD) for this purpose.
2. The total number of MCM scholarships awarded in a given batch shall not exceed 25 % of the students enrolled in that batch of the B Tech program. 20 % of the total number of available MCM Scholarships for each batch shall be reserved for students belonging to the SC/ST categories.
3. MCM Scholarships, if unutilized by any particular batch, may be transferred to another

batch. Also, unutilized MCM Scholarships reserved for SC/ST students may be transferred for award to the general category students.

4. The amount of MCM Scholarship for both general as well as SC/ST category of students shall be as prescribed from time to time by the Ministry of Human Resource & Development (MHRD), and approved by the Board of Governors of the Institute.

5. The award of the MCM Scholarship would also imply granting of Tuition Waiver, i.e. the Freeship.

6. Depending on the number of assistantships available with each discipline, the Institute may award them to meritorious students of the M Tech/MDes programme for those receiving the Institute Assistantship and who have a valid qualifying Graduate Aptitude Test in Engineering (GATE) Score with them. However, those M Tech students who have done their B Tech from IITs and have secured a graduating CPI > 8.0 on a scale of 10.0, shall be eligible to receive Institute Assistantship without having a valid qualifying GATE Score.

7. Amount of the Institute Assistantship for M Tech students shall be as per the directive of the Ministry of Human Resource & Development (MHRD) and may change from time to time

8. All M Tech Institute Assistantship holders shall be required to assist the Institute by carrying out the specified work assigned to them. The work to be assigned shall be as per guidelines of MHRD and shall be monitored by the Convener DPGC or his/her nominee(s).

9. All regular PhD students of the Institute, except those who have been sponsored by their respective organizations, shall be awarded the Institute Assistantship.

10. Amount of the Institute Assistantship for PhD students shall be as per the directive of the Ministry of Human Resource & Development (MHRD) and may change from time to time

11. All Ph.D. Institute Assistantship holders shall be required to assist the Institute by carrying out the specified work assigned to them. The work to be assigned shall be as per guidelines of MHRD and shall be monitored by the Convener DPGC or his/her nominee(s).

Tuition Waiver, i.e. Freeship

1. All undergraduate MCM Scholarship holders shall be entitled to a tuition waiver. They shall, however, be required to pay all other fees such as gymkhana fees, hostel seat rent, etc. as per rules.

2. All undergraduate SC/ST students are awarded the Tuition Waiver. They may, however, be required to pay all other fees such as gymkhana fees, hostel seat rent, etc. as per rules.

3. An additional 10 % of students of each batch of the undergraduate programme, beyond those awarded the MCM Scholarships, may be awarded only Tuition Waiver. The following category of students may be considered eligible for such additional Tuition

Waivers:
   a. Applicants who were eligible for the award of the MCM Scholarship, but could not be awarded the same because of the non-availability of enough number of MCM Scholarships.
   b. Under very special conditions, the SPACS considers suitable for the grant of a Tuition Waiver for a student.
4. Except SC/ST students of M Tech or PhD programmes, postgraduate students are not entitled for full Tuition Waiver. The Institute may, however, waive part of the tuition fee for its regular students in different postgraduate programmes.
5. From the funds made available by the Ministry of Social Justice and Empowerment/ Ministry of Tribal Affairs, a selected number of SC/ST students of the B Tech programme, whose parent's total annual income from all sources is within the prescribed maximum limit shall be given an annual book grant and other grants
6. Master's and Ph.D. students of the Institute may be provided an annual contingency grant as decided by the Institute administration. However, this will be governed by the guidelines as decided by the institute administration from time to time. Those SC/ST students of the B.Tech. programme, whose parents' total annual income from all sources is less than the prescribed upper limit, the Institute may give boarding and lodging charges to a maximum of (i) 10 Scheduled Castes students and (ii) 5 Scheduled Tribes students per batch awarded by the Ministry of Social Justice and Empowerment and Ministry of Tribal Affairs, respectively.
7. Those students who are not awarded the boarding and lodging facilities but have their parent's total annual income from all sources less than the prescribed upper limit as defined, may be awarded the Free Basic Messing facility through funds made available for this purpose either by the Harijan Samaj Kalyan Department of the State Government or by the Ministry of Human Resource & Development. Under this scheme, the bill for basic messing, as applicable for the individual hostel where the concerned students reside, shall be paid by the Institute.
8. All SC/ST students desirous of availing the Free Boarding and Lodging facility, awarded by the Ministry of Social Justice and Empowerment/Ministry of Tribal Affairs, or Free Basic Messing Facility and the Pocket Allowance awarded by the Harijan Samaj Kalyan Department of the State Government or by the Ministry of Human Resource & Development shall be required to submit applications, with the requirements specified to the Convener SPACS in the beginning of each academic year.

d.2: Institute Medals And Prizes
1. **Chairman's Gold Medal**: The Chairman's Gold Medal (CGM), to be presented at the Institute Convocation every year, shall be awarded to the student with the best academic performance in the entire graduating B Tech batch. However, a reporting CPI of 9.0 shall be the minimum requirement for the award of the Chairman's Gold Medal.

2. **Director's Gold Medals** Director's Gold Medals (DGMs), to be presented at the Institute Convocation every year, shall be awarded for the best all round performance from among the graduating Undergraduate students. Students of all disciplines/programme shall be eligible for the award of DGM.

3. **D&M Proficiency Gold Medals**: Design and Manufacturing Proficiency Gold Medals are awarded at the time of Institute's Convocation for the best cross-disciplinary project from among the graduating B.Tech. students and the best cross-disciplinary thesis from among the graduating M.Tech. / M.Des. / Ph.D. students. Award of design and manufacturing proficiency gold medal (DMPGM) is applicable for BTP/PBI or Design and Fabrication projects.

4. **Academic Performance Proficiency Silver Medals:** Academic Performance Proficiency Silver Medals shall be awarded at the time of Institute's Convocation for the outstanding academic performance to the best graduating student of each discipline of the B Tech program.

5. **IIITDM Proficiency Prizes:** IIITDM Proficiency Prizes is normally awarded for (i) the best B Tech project in the graduating B.Tech. batch and (ii) the best thesis from among the graduating M.Tech./ M.Des./ Ph.D. students in each of the discipline. The recipient(s) of the D&M Proficiency Gold Medals shall be eligible for the award of the IIITDM Proficiency Prizes

6. **Director's Silver Medals**: Director's Silver Medals (DSMs) shall be presented at the time of Institute's Convocation for the outstanding performance in (i) Games & Sports activities and (ii) Cultural activities from among the graduating undergraduate and postgraduate students.

7. **Notional Prizes and Certificates of Merit**: Notional Prizes and Certificates of Merit shall be awarded to 7 percent of the students of each undergraduate and postgraduate batch for excellent academic performance in an academic year. In the first two years, the 7 percent shall be calculated for the entire B.Tech. batch, whereas for the third year the award shall be made for each discipline taking into account their respective strengths. For PG student, the 7 percent shall be calculated based on the academic performance of the first two semester of PG program for each discipline taking into account their respective strengths.

INSTITUTION OF OTHER SCHOLARSHIPS, PRIZES AND MEDALS

The Institute welcomes starting of new scholarships, prizes and medals for its undergraduate as well as postgraduate students from other Governmental and non-Governmental sources. However, the purpose of instituting new scholarships, prizes and medals should fulfil the goals for the same as described above. Institution of any new award at the Institute shall require the approval by its Senate. In order to do the same, the proposal from an outside source shall be examined by the Scholarships, Prizes and Awards Committee of the Senate (SPACS). If found suitable, the SPACS

shall recommend the same to the Senate by ensuring that the proposal necessarily contains the following information: (a) the title of the award, (b) the nature of the award, (c) the time of presentation, and (d) the criteria for selection/eligibility (e) Amount of endowment to be deposited with the Institute.

e) **The conditions and mode of appointment and duties of examining bodies, examiners and moderators;**

1. Instructor in charge of a course shall be empowered to evaluate and submit the grades at the end of the semester in that course as per the academic calendar.

2. The instructor will announce the modes of evaluation and distribution of weightage for each of the assessments at the beginning of the course in his class and through its web page.

3. Instructor-in-Charge will maintain academic record for a period of one year after the end of the semester. In case, the Instructor-in-Charge is changed/ transferred or leaves the organization the same needs to be handed over to the next Instructor-in-Charge or Head of the discipline.

4. Conduction of all the examination in fair manner is the responsibility of the instructors in that course. Academic office and concerned discipline will help in the proper conduct of the exam.

5. Dean Academic or her/ his nominee can assign duty of any faculty as invigilator during the mid/end semester exams.

6. Invigilators will be responsible for the fair conduct of the exams and is authorized to take appropriate action for the fair conduct of exams.

Moderations
1. Grades submitted by the instructor will not be changed. In exceptional case, grades may be changed based on the proper justification by the instructor incharge on recommendation of APCS and approved by the Chairperson Senate.
2. In cases where grades are having large deviation from the normal curve, Head of discipline shall constitute a committee of three faculty members (including the instructor incharge) for moderation of the grades submitted by an instructor.
3. If further deviations are observed, Dean Academic is authorized to propose a committee of three faculty members (including the Head of the concerned Discipline or nominee) for moderation of the grades. As per the recommendation of committee, the Instructor shall change the grade and submit to academic office. The changed grades will require authentication of the Chairperson, Senate.

Advisory and Progress Committees for the Undergraduate Students
1. There will be a Discipline Undergraduate Committee (DUGC) for each discipline. DUGC will consist of Head of the discipline or his/her nominee as the convener and

two to three more members based on different specializations of the specific discipline. DUGC will be constituted by the Head of the concerned discipline.

2. DUGC will be guiding undergraduate students in deciding the courses and project supervisor(s), if any, after she/he takes admission in the Institute. DUGC will also monitor the progress of a student.

Advisory and Progress Committees for Postgraduate Students

1. There will be a Discipline Post Graduate Committee (DPGC) for each discipline. DPGC will consist of Head of the discipline or his/her nominee as the convener and two to three more members based on different specializations of the specific discipline. DPGC will be constituted by the Head of the concerned discipline.

2. DPGC will be guiding a student (Masters/Ph.D.) in deciding the courses and supervisor(s), after she/he takes admission in the Institute. DPGC will also monitor the progress of a student until she/ he decides a supervisor.

3. A Masters' student is required to decide her/his supervisor at the end of the first semester

4. A Ph.D. student is required to decide her/his supervisor in the beginning of first semester.

5. Once a student makes a decision about his supervisor(s), she/he will register for the thesis credits on the recommendation of the supervisor.

6. In the case of Master students DPGC will constitute a PGPC (Post Graduate Progress Committee) for a group of students, based on their common research areas. Each student will be assigned to one of the PGPCs formed by the DPGC, based on her/his research topic. Supervisor(s) of the student will be members of the PGPC. The PGPC will constitute of Supervisor(s) and two faculty member from the discipline.

7. In case of doctoral students, Supervisor(s) will propose members of the RPC (Research Progress Committee). Application for the registration of supervisor(s) and RPC/ PGPC will be forwarded by the Convener DPGC to the Dean Academic, who will be the approving authority for the same. DPGC/ Dean Academic may also add one or two members in the RPC if required. The RPC will consist of Supervisor(s), two faculty members from the discipline and one faculty member from other discipline.

8. During the period in which student has not decided the supervisor, Head of the concerned Discipline or his nominee will be forwarding all applications of the student related to leave, assistantship or other such matters.

9. If a student wishes to add another supervisor (as a co-supervisor) during her/his academic programme, she/he will submit a request to the Dean academic through her/his supervisor. Such applications will be recommended by the DPGC to the Dean Academic for final approval.

10. A student shall not normally have more than two supervisors at any given time. At least

one supervisor of the student must be from the concerned discipline except for the degree programmes which do not fall under a specific discipline.

11. On the recommendation of DPGC and approval of Dean Academic, a student may have a co-supervisor from outside the Institute in exceptional cases.

12. If a student's supervisor proceeds on long leave, resigns/retires or otherwise ceases to be a faculty member of the institute, the supervisor has the responsibility to appoint a co-supervisor or a supervisor in consultation with the student. Nevertheless, in such a case, the supervisor is required to get approval from the Dean Academic. In this case the number of supervisors may be more than two if an external supervisor already exists. In this case the entire responsibility of the student lies with co-supervisor or the new supervisor, as the case may be.

13. In exceptional cases, a postgraduate student may be permitted to change supervisor/co-supervisor on recommendation of PGPC/RPC after obtaining the consent of

    i.   the present supervisor/co-supervisor and

    ii. the proposed supervisor/co-supervisor.

f) The conduct of examinations;

1. There will be continuous assessment of a student's performance throughout the semester and grades shall be awarded by the Instructor concerned or the appropriate committee appointed for this purpose on the following basis:

   a) In case of

      i. Theoretical subjects, the evaluation will be based on instructors assessment based on the performance in quizzes, mid semester examination, end semester examination, and any other component decided by the instructor(s).

      ii. Laboratory/Design/Drawing/Studio/Workshop etc., the evaluation will be on the basis of attendance, assessment of the tasks assigned, end semester test/viva and any other component decided by the instructor(s).

      iii. The evaluation of the project courses will be based on work carried out, seminar, project report, project evaluation committees' assessment and any other component decided by the instructor(s).

   b) The mid-semester and end-semester examination shall be conducted for regular courses by the Academic Section/ Respective Discipline of the Institute. The class-tests or quizzes will be organized by the instructor concerned.

   c) The weightage assigned to different components of assessment will be announced by the concerned instructor(s) in the beginning of the semester.

   d) The final letter grades for a subject must be submitted after the end-semester examination by the concerned instructor(s) within the date stipulated in the academic calendar.

   e) End-semester examination answer scripts and the sheet containing details of marks converted to grades shall be preserved by the instructor(s) concerned for a period of one year.

2. Changes in Grades awarded shall be made as per the procedures laid down by the Senate.

3. The evaluation of performance in extra academic activities, if any shall be done by the authorities conducting them and they will communicate grades to the Academic Section.

4. A student may be debarred from appearing in the end semester examination due to the following reasons:

   a) If any disciplinary action is taken against him/her.

b) On recommendation of a course instructor, if his/her attendance in the Lecture/ Tutorial/ Practical classes has not been satisfactory during the semester.

5. Students who fail to appear in end semester examination, due to bonafide reasons, may be permitted to appear in the Make-up Examination as per the procedures laid down by the Senate.

6. No make-up examination will be scheduled for the mid-semester examination and quizzes. It is entirely upto the instructor to ascertain the proficiency of the student by whatever means considered appropriate to him/her if he/she is satisfied of the bonafides of the case.

7. Grades shall be withheld when the student has not paid his/her dues or when there is a disciplinary action pending against him/her.

8. Comprehensive Examination of Doctoral Students

   i. Students registered in the Doctoral programme must pass a Comprehensive Examination designed to test the overall comprehension of the student in various subjects relevant for his/her field of specialization. A student can appear in the Comprehensive Examination only after he/she has completed the minimum course requirements and satisfied the minimum specified CPI requirement i.e. 7.0.

   ii. Students may appear in the Comprehensive Examination at the earliest at the end of the first semester but latest by the end of fourth semester from the admission and registration in the Doctoral programme. The above time limits are exclusive of the period of sanctioned leave, if any.

   iii. The Comprehensive Examination shall be conducted as written and oral as per policy of the discipline approved by the APCS.

   iv. The Comprehensive Examination Board of a Doctoral student shall be same as his/her RPC and thesis supervisor shall be the convener.

   v. The convener of the Comprehensive Examination Board shall be responsible to send the report of the Comprehensive Examination to the Convener, DPGC within eight weeks of the date of *approval* of the Board.

   vi. If a student fails in the Comprehensive Examination in his/her first attempt, a second Comprehensive Examination shall be conducted by the same Board that was constituted earlier unless otherwise changed by Dean Academic on the recommendation of the DPGC. A student shall be recommended for termination if he/she fails to pass the Comprehensive Examination even after two attempts. All such cases shall be brought to the notice of the Senate.

9. Thesis submission for evaluation by postgraduate students:

i.   A Doctoral candidate shall be allowed to submit the thesis within the stipulated time after successfully completion of the open seminar.

ii. It will be duty of the student submitting the thesis to check the thesis against possible plagiarism.

iii. Master's thesis for evaluation shall be submitted to the Convener DPGC or nominee through supervisor. Date of thesis submission will be considered as the date on which thesis is received by the Convener DPGC.

iv. Doctoral thesis for evaluation shall be submitted to the Dean Academic or nominee through supervisor. The thesis should be forwarded by the Convener DPGC. Date of thesis submission will be considered as the date on which thesis is received by the Dean Academic.

10.   Open Seminar by Doctoral Students

a. Before proceeding to finalize the thesis, each Doctoral student shall be required to deliver an Open Seminar.

b. A student shall become eligible to give open seminar after completion of all academic requirements for the Doctoral Programme including thesis work.

c. The seminar, which will be delivered to the faculty and students of the concerned discipline(s), shall deal with research work done by the Doctoral candidate with the objective of obtaining comments and criticism, if any, which may be incorporated in his/her thesis before its submission.

d. The thesis supervisor/ programme coordinator shall constitute a committee for open seminar. The committee shall comprise of

    i.   RPC members of the student

    ii. One nominee of the Dean Academic.

The thesis supervisor/programme coordinator shall act as the Convener of the committee. The committee shall be approved by the Dean Academic.

11. Thesis evaluation for the Master's students shall be coordinated by the Convener DPGC or her/his nominee. Thesis evaluation for the Doctoral students shall be coordinated by the Dean Academic or her/his nominee.

12. Defense of the Master's student shall be carried out by a defense board constituted by the Convener DPGC or her/his nominee. The defense board normally consists of PGPC of the student, one external examiner and a member other than the discipline, and shall be approved by the Dean Academic.

13. Defense of the Doctoral students shall be carried out by a defense board proposed by the supervisor of the student and consisting of RPC of the student and one external examiner, and shall be approved by the Dean Academic. Along with the thesis, the student shall submit a synopsis of 6-7 pages. A pannel of experts (six from India and six from abroad) shall proposed by the supervisor to the Dean

academic through the convener, DPGC. The panel will go to chairperson Senate for approval. The thesis will be sent to three experts (atleast one from India) for evaluation.

14. Reports of Doctoral thesis evaluation from the examiners, received in the Academic Section of the Institute, shall be placed before Dean Academic who shall categorize them in one of the following three categories:

Category I:

If an examiner suggests corrections regarding punctuation, grammer, spelling or language, the report shall be considered of Category I. In such a case, thesis supervisor(s) may use his/her/their discretion regarding incorporation of such suggestions.

Category II:

If an examiner points out minor technical mistakes, raises some queries or suggests modifications but does not imply that the acceptance of the thesis is subject to removal of these defects to the examiner's satisfaction, the report shall be considered Category II. In such a case , the supervisor shall send the student's response to the queries raised to the Dean, Academic and the same shall be incorporated in the thesis to the satisfaction of the Thesis Defense Board. The examiner(s) concerned shall be informed by Dean Academic of the changes made on the basis of his/her/ their suggestions.

Category III:

If an examiner raises technical points or suggests modifications which must be answered/ carried out to the examiner's satisfaction before the thesis is accepted the report shall be considered of Category III. In such a case, the supervisor shall send the student's response to the queries raised to the Dean, Academic and, along with the examiner's comments which will be sent to the examiner with a request to respond within six weeks. If the examiner's response is not received within this period, a reminder shall be sent and if no reply is received within six weeks, further action will be initiated.

15. The defense of a thesis shall be required to be necessarily conducted within six months from the date of receiving of all the examiners' report. If the concerned student fails to appear for the defense within this period, her/ his programme would be deemed to have been terminated.

16. If a thesis is rejected along with a recommendation for resubmission after incorporating any modifications/ corrections suggested by the Thesis Defense Board, defense of the re-submitted thesis shall be conducted by the originally constituted Board, unless a different Board is approved by the Chairperson Senate. If the re-submitted thesis is also rejected, the matter shall be reported to the Senate for an appropriate action.

17. Final thesis submission:

After successful defense, the student will submit an abstract, a hard bound copy and a soft copy of the final thesis to the library after incorporating changes suggested by the committee, if any and approval of the Dean Academic. The thesis supervisor shall authenticate that all the suggestions of the Thesis Defense Board have been incorporated in the revised copy.

Grades and Performance Indices

1. For the purpose of indicating the relative performance of a Bachelor's and Master's student in a given course, the Instructor shall awards letter grades. These letter grades, along with their *correspondence points* on 10 points-scale are given below:

O = 10,	A+ = 10,	A = 9.0,	B+ = 8.0,	B = 7.0,
C+ = 6.0,	C = 5.0,	D+ = 4.0,	D = 3.0,	F = 2

However, for Doctoral students in a given credit course, the Instructor shall award the following letter grades:

$$A = 10, \qquad B = 8.0, \qquad C = 6.0, \qquad D = 4.0, \qquad F = 2$$

where the letter grade F indicates that the students has failed in a given course and he has to repeat the course. If performance of some of the students in a course is exceptionally good, they will be awarded letter grade 'O'. The letter grade 'O' shall carry 10 points. Letter grade 'O' can be awarded to maximum 2% students out of total students registered in that course.

2. If, due to genuine reasons, a student does not complete all the requirements of a credit course within the specified time period, the Instructor may award I grade (incomplete). However, the instructor shall be required to convert an I grade to the proper letter grade on or before the last date for such a conversion, as specified in the *Academic Calendar*, failing which it shall automatically be converted to F grade.

3. The grade S implies *satisfactory performance* and the grade X implies *unsatisfactory performance*. Both S and X grades have no correspondence points. Similarly, grade W implies waiver in a given course.

4. The course mentioned as Thesis and Teaching Work is not awarded any letter grade but is given as *satisfactory* (S) or *unsatisfactory* (X).

5. At the end of each semester, thesis supervisor(s) of a student registered with him/her/them shall assess the progress made towards the thesis work and shall

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award either S (*satisfactory*) or X (*unsatisfactory*) for every 4 credits of thesis registered for. A student registered for 16 credits of thesis in a semester can get one of the following five combinations: SSSS, SSSX, SSXX, SXXX, XXXX.

6. In case a PG students is allowed to visit premier Institutes of India and abroad for their research work, the grades submitted by their external mentors through internal supervisor may be considered as thesis grades in the running semester in which student was under supervision of external mentor.

7. At the end of each semester, faculty member(s) with whom a student is associated as Teaching Assistant shall assess his/her performance towards the teaching work and shall award either S (*satisfactory*) or X (*unsatisfactory*) grade. A student associated with "n" number of courses as Teaching Assistant in the entire tenure of his/her programme should secure a minimum of 0.75n S grades (i.e. 75% of the grades secured for teaching work should at least be S) in his/her entire programme to earn 2 credits of teaching work in order to fulfil minimum requirement for his/her degree.

8. If a student is on leave for a part of the semester OR submits his/her thesis in the middle of a semester, his/her thesis credits shall be reduced appropriately in a proportionate manner.

9. The courses *Graduate Seminar* and *Progress Seminar* carry 2 credits and shall be awarded letter grades.

10. The Semester Performance Index (SPI) of a student is an indicator of his/her overall academic performance in all the courses he/she registers for during the semester, is computed as follows:

$$SPI = \frac{C_1 G_1 + C_2 G_2 + C_3 G_3 + \cdots}{C_1 + C_2 + C_3 + \cdots}$$

where G_1, G_2 are the letter grades in courses of credits C_1, C_2 .. respectively.

11. While calculating the SPI, courses (i) with S and X grades and (ii) registered as audit courses are not counted.

12. The Cumulative Performance Index (CPI) indicates the cumulative academic performance of a student in all the courses taken including those taken in the last semester.

Inadequate Academic Performance:

1. <u>Undergraduate</u>

   The academic performance of each undergraduate student is reviewed by the Senate or APCS at the end of a regular semester (not summer semester) and is considered

inadequate if her/his SPI ≤ 4.5 or CPI ≤ 5.0. Such a student is termed academically deficient. Depending on the degree of inadequacy, a deficient student may be placed on Warning or Academic Improvement or Academic Break or Academic Drop.

i. Warning: A student is placed on Warning if her/his SPI and CPI at the end of a regular semester are as follows:

(a) $0.0 < SPI ≤ 4.5$ and $CPI ≥ 5.0$ OR

(b) $SPI ≥ 4.5$ with $CPI < 5.0$ and in the previous regular semester $CPI ≥ 5.0$

Such a student is issued a letter of warning with a copy to her/his parents/guardian.

ii. Academic Improvement: A student is put on academic improvement if her/his SPI and/or CPI at the end of a regular semester are/is as follows:

(a) $SPI < 4.5$ and $CPI < 5.0$ OR

(b) $SPI < 3.0$ OR

(c) $CPI < 5.0$ in two consecutive regular semesters

Such a student is required to sign an undertaking incorporating the following terms and conditions:

- She/ he shall attend at least 75 per cent of all lecture, tutorial and laboratory classes of each course, 14
- Her/ his academic load shall be reduced by at least one course,
- She/ he shall register for all courses (if available) in which the letter grade F is obtained,
- She/ he shall, in addition, repeat those courses (if available) in which the letter grade D / D+ secured if he/she accumulates two or more F grades.
- She/ he shall pass at least three courses,
- She/ he shall obtain a minimum SPI of 4.5.
- She/ he shall not hold any elected or nominated position/ office in the Hall of Residence, Students Gymkhana or any other organization/body during academic probation.
- Any other terms/ conditions laid down by the UGCS/ Senate.
- Institute has the right to terminate her/ his term failing any of the above conditions.

iii. Academic Break and Academic Drop: If the academic performance of a student under "academic improvement" in a semester does not improve (either has not passed at least three courses or has not secured a minimum SPI of 4.5) at the end of the semester, the student will have the following two options and will be allowed to choose only one in consultation with his parents/ guardian:

a. Academic Drop:

The student drops his programme and leaves the Institute with immediate effect without getting any degree.

b. Academic Break:

The student will be put on academic break for one year (including one summer term) and will be allowed to improve his performance in courses in which he scored a grade less than C (i.e. D+ or D or F). It is expected that student will improve his academic performance to get a CPI of 5.0 at the end of academic break. Registration for a student on academic break will be done as per following guidelines

- A student can register with a reduced load (two courses with maximum of 8 credits less than the credits to be register in a semester)
- A student is required to first register for backlog courses offered in that semester.

2. **Postgraduate**

   i. A deficient student may be allowed to continue in the programme, by issuing a warning, if
      - Her/his SPI in the first semester she/he registers for ≥ 6.0 but < 6.5 for Master programme OR
      - Her/his SPI in the first semester she/he registers for ≥ 6.5 but < 7.0 for Doctoral programme, OR
      - Her/his SPI is below 6.5 and CPI ≥ 6.5 in semester two and above of her/his master programme OR
      - Her/his SPI is below 7.0 and CPI ≥ 7.0 in semester two and above of her/his doctoral programme
      - She/ he accumulates one or more "X" grade against the thesis credits

   ii. The programme of a Master student is likely to be Academically Dropped, if
      - Her/his SPI is below 6.0 in first semester OR
      - Her/his SPI is below 6.0 and CPI is below 6.5 in subsequent semesters, OR
      - Her/his CPI is below 6.5 in two consecutive semester OR
      - She/he obtains two Fs OR one F and one D in the same or different courses OR
      - SHe/he accumulates 3 or more Xs towards thesis credits.

   iii. The programme of a Doctoral student is likely to be Academically Dropped, if
      - Her/his SPI is below 6.5 in first semester OR
      - Her/his SPI is below 6.5 and CPI is below 7.0 in subsequent semesters, OR
      - Her/his CPI is below 7.0 in two consecutive semester OR
      - She/he obtains two Fs OR one F and one D in the same or different courses OR
      - She/he accumulates 5 or more Xs towards thesis credits.

3. Appeal: A student whose programme has been terminated on academic grounds may appeal to the Chairman Senate requesting the continuation of his/her programme. In exceptional cases, the Senate may allow continuation of such a student provided that (i) the reasons for adverse performance are genuine and are well supported by the documentary evidence AND (ii) he/she has a fair chance to successfully meet the minimum graduation requirements of the Institute.

g) The maintenance of discipline among the students of the Institute,

The maintenance of the discipline among the students of the Institute shall be divided in two categories:

- Academic Discipline: In all the matters related to the academic dishonesty and academic discipline shall be dealt by the Dean Academic.
- Non-academic Discipline: All the matters related to other than academic dishonesty shall be dealt by the Dean Students.

g.1: Academic Discipline:

Academic Dishonesty:

A student is assessed in various ways for the award of degree. It is fundamentally important that students are assessed fairly. Any attempt to use unfair means to gain advantage over another student in the completion of an assessment, or to assist someone else to gain an unfair advantage, is considered as academic dishonesty. All incidents of the use of unfair means must therefore be investigated promptly, thoroughly and fairly. The basic principle underlying the preparation of any piece of academic work is that the work submitted must be the student's own work. Following are considered as unfair means:

1. Plagiarism (either intentional or unintentional)

   It is using of ideas or work of another person (including experts and fellow or former students or copied from internet) and claiming them as your own. Plagiarism may take the form of cutting and pasting, taking or closely paraphrasing ideas, passages, sections, sentences, paragraphs, drawings, graphs and other graphical material from books, articles, internet sites or any other source and submitting them for assessment without appropriate acknowledgement. Any form of plagrism shall be considered dishonest, unprofessional, unethical and therefore unacceptable.

   Possible Actions:

   The case will be referred to Dean (Academic). Dean (Academic) will refer this case to APCS for investigation. APCS will submit its recommendations to senate through Dean (Academic) and further course of action will be based on Senate decision.

2. Collusion

   It is where two or more students work together to produce a piece of work, all or part of which is then submitted by each of them as their own individual work. This includes passing on work in any format to another student. Collusion does not

occur where students involved in group work are encouraged to work together to produce a single piece of work as part of the assessment process.

3. Fabrication

It is submitting work (for example, practical or laboratory work) any part of which is untrue, made up, falsified or fabricated in any way. This is regarded as fraudulent and dishonest.

4. Unfair means in examination

It is gathering information from any kind of sources (such as mobile phone or bringing duplicates, etc.) or any such attempts, exchange or helping in exchange of information with others or any such attempts during the examination (quiz, mid semester or end semester examination or any other examination), either inside the examination hall or outside the examination hall. Bringing a source (such as mobile phone or duplicate, etc.) will also be considered under unfair means.

5. Facilitating the use of unfair means.

It is a kind of unfair means that a student assists a fellow student in using any of the forms of unfair means defined above, for example in submitting bought or commissioned work or showing answer to other fellow student during examination, etc.

Possible Actions

- The Instructor-in-Charge/ Invigilator of a course shall have the power to debar a student from the examination in which the student is detected to be using unfair means.
- Following procedure to be adopted:
    i) Concern Instructor-in-charge will investigate the case at his level. If it is in examination hall, invigilator will submit his report to Instructor-in-charge.
    ii) Instructor-in-charge of the course will call for the written explanation from the student and subsequently will decide the level of unfair means and takes a decision out of:

    Level I: Making assessment of that part of the exam zero or Imposing a penalty of decrease in final grade or Marking "F" in that particular course

    Level II: Instructor may refer a more serious case to Dean (Academic), *provided there is sufficient and clear evidence of use of unfair means*. Claims by the student not to have understood the nature of unfair means, to have included the material unintentionally, or to have personal mitigating circumstances, should not be accepted as good reason for the case to go unreported. These may be significant issues for the student not the facts of the case.

    iii)In case, the case is referred to Dean Academic, either investigation will be done by himself/ herself or case may be referred to SACS. The Dean Academic/

SACS will forward/submit its recommendation to the Senate. Final decision will be taken be Senate.

iv) A "Warning" letter should be sent to the student and her/his parent/ guardian and the case is recorded on the file of the student.

v) A student found to be involved in the use of unfair means will not be eligible to receive any scholarship/prizes/award from the Institute during the entire period of her/ his programme.

vi) Student(s) shall have the right to appeal against the decision to the Chairperson Senate.

g.2: Non-academic Discipline:

1. Non-academic Disciplines: Following shall be the Academic Discipline

Ragging:

(a) Any action which raises fear or apprehension thereof in a fresher or a junior student and (b) asking a fresher or a junior student to do any act or perform something which she/he will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect her/his physique or psyche shall be considered by the Institute as acts of ragging and therefore treated as an act of gross indiscipline by Students Advisory Committee of the Senate (SACS).

   i. If the individuals directly committing ragging are not clearly identified by the available prima-facie evidence, collective punishment could be restored to act as a deterrent.

2. Objectionable Behaviour with other Members of the Campus Community:
Followings shall be considered as acts of gross indiscipline by SACS:

   a. Harassment of a student or the Institute staff on the basis of caste, sex, religion, etc.,

   b. a disorderly conduct whether by words spoken or written or by an act with the effect of teasing, treating or handling with rudeness any other campus resident,

   c. indulging in rowdy activities which causes or is likely to cause annoyance, hardship or psychological harm to campus resident,

   d. threatening with the intent to place the persons in reasonable fear for his/her safety or for the safety of his/her family

   i. Unauthorized Conduct in the Campus:

   (a) Forgery, alteration, or misuse of any Institute document, record, key, electronic device etc., (b) theft of, conversion of, destruction of, or damage to any property of the Institute, (c) providing false

information in deliberate, systematic and planned manner with the purpose of misguiding Institute authorities and personnel shall be considered as acts of indiscipline by SACS.

ii. Unauthorized Conduct in Halls of Residence:

Disrespecting the circulars of wardens and other Institute authorities regarding Hall regulations, (b) disrespecting rights, privileges, and sensibilities of other Hall residents, (c) inducement of other students including self-consumption of alcohol and other drugs in the Hall, (d) organizing unlawful activities and meetings, (e) screening of unlawful films, (f) keeping unauthorized guests in the rooms and (g) damaging Hall property shall be considered serious offences either by Students Advisory Committee of the Hall of Residence (SACHR) or SACS for appropriate advice.

3. Indiscipline in Gymkhana, its Various Activities/Events and other Organizational Matters:

Followings shall be considered as serious offences by SACS.

a. Disrespect to student bodies such as Students Senate, coordination committees, etc,
b. misconduct in various clubs and general events,
c. misbehaviour with participants coming from other colleges in events organized by Gymkhana or its clubs,
d. damage of Gymkhana equipments and facilities

4. Participation in events that Cause Disturbance of Peace in the Campus:

Holding of unlawful demonstrations or assembly of students, without trying to settle down issues through discussions in meetings and taking out procession shall be considered as acts of gross indiscipline by SACS.

5. Any other acts which are not mentioned above but are viewed as serious offences by SACS or SACHRs.

Procedures for Advising Defaulting Students

1. Committees and their purview

- Bodies of the Institute that are authorized to advise and recommend disciplinary action(s) against defaulting student(s) shall be (i) Students Advisory Committee of the Senate (SACS) and (ii) Students Advisory Committee of the Hall of Residence (SACHR) for each Hall of Residence of students.

- While the SACS shall be responsible for considering cases of indiscipline among students pertaining to (i) their overall and general activities, (ii) hostel level issues involving more than one Hall of Residence and (iii) major issues of indiscipline pertaining to a given Hall of Residence, SACHRs shall be responsible for

considering cases of minor indiscipline pertaining to their own Hall of Residence. Thus SACHRs shall, more or less, act as sub-committees of the SACS.

- In case of the complaint lodged to SACS regarding indiscipline during the conduct of an examination, SACS shall have no discretion in advising and making recommendation regarding the grade(s) to be awarded in the course(s) registered by the concerned student(s). The ultimate authority for awarding a suitable grade to students registered in a given course shall rest solely with the instructor in-charge(s) of the concerned course(s).

- Students Advisory Committee of the Senate (SACS) shall comprise of Convener who shall be appointed by the Senate or the Chairman Senate, Head Counseling Service, Two Wardens, A faculty member who is not a warden of any Hall of Residence, Two nominees of Students Senate, UG Coordinator of the Counseling Service, PG Coordinator of the Counseling Service.

- SACHR for each Hall of Residence shall comprise of Warden In-charge of the concerned Hall of Residence (Convener)A member from the Council of Wardens, A student nominee of the Counseling Service who shall be a resident of the concerned Hall   of Residence.

2. Filing and Admitting a Complaint

- When an act of indiscipline has been committed by a student or a set of students, any member of the faculty, staff, and students body may file a complaint in writing with the Convener, SACS or the Convener, SACHR of the concerned Hall of Residence, as the case may be, within a reasonable time, stating the nature and circumstances of the alleged act of indiscipline.

- After a complaint has been received, the Convener, SACS or the Convener, SACHR, as the case may be, shall make the preliminary examination of the case by collecting as many prima-facie details of the case as possible. Depending on the nature of the complaint and the prima-facie evidence collected by the Convener, she/he may call the concerned student(s) and may dispose off the case by issuing simple warning to concerned student(s) without calling the meeting of the concerned advisory body.

- In case the lodged complaint is of serious nature and warrants discussion among the members of the concerned advisory committee, the Convener, SACS or the Convener, SACHR, as the case may be, shall convene the meeting, share the information collected with the members of the concerned committee and decide to admit the complaint for the necessary action.

3. Procedures Adopted by SACS/SACHR after Admitting a Complaint

- All efforts shall be made to hear the witnesses of the case/complaint directly before the Committee for the purpose of verifying the details of the incident.

- If so required, the Committee may also solicit help from professional experts for determining the veracity of facts brought to its notice.

- Student(s) against whom the complaint has been lodged shall be given a fair chance to defend her/his/their case before the Committee by giving her/him/them an advance notice, and if the need be, to present evidence and witnesses in her/his/their own defense. In doing so, the Committee members shall be required to take utmost care in ensuring that the student(s) concerned are not psychologically harassed or threatened with undesirable consequences to her/his/their academic programme.

- During the course of hearing, i.e. till it is completed, members of the committee may ask questions at any point, seek additional materials or testimony, visit any relevant location, recall or review evidence or testimony provided earlier, and in general seek to obtain information relevant to the case from any source.

- During the course of investigation and hearing of the complaint, the Committee and its members shall be required to maintain utmost confidentiality about the deliberations made in its meetings.

- At the completion of the hearing, the Convener shall make summary remarks on behalf of the committee and shall close the hearing.

ADVICE: ITS NATURE AND MODES

1. Method of Arriving at the Recommendation

- By keeping the seriousness of the violation committed by the student(s) in mind, the SACS or the SACHR, after completing the enquiry of the case, shall recommend the appropriate advice for student(s) concerned for its implementation.

- At least $2/3^{rd}$ of the members of the Committee shall be required to be present in the meeting of the Committee in which the final view of the incident is to be taken.

- All efforts shall be made by the Convener of the Committee to reach a consensus regarding the nature of advice to be given to concerned student(s). However, if the same is not possible, the decision shall be taken by the simple majority of those who are present in the meeting.

- If there is a split in the opinion regarding the nature of advice to be given to concerned student(s), any member from the minority shall be entitled to give a *note of dissent* in writing. A note of dissent, if given, shall be required to be annexed with the recommendations made by the Committee.

2. Possible Modes of Advice by SACS

- In making its recommendation, the SACS shall give specific thoughts to consider the following aspects pertaining to the advice to be given to concerned student(s): (a) How does the advice given to the student(s) help an introspection by her/him/them regarding her/his/their action in the alleged incident? (b) What is

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likely to be the effect of the action taken by the Institute on other students? Will it force them to refrain themselves from indulging in such or similar incident(s)/action(s)? and (c) Does the advice given to the student merely affect the parents without causing any serious influence on the defaulting student(s)?

- As recommendation regarding a given case, the SACS may advise the following or any other or a combination thereof:

  i. Warning:

  Warning, the mildest form of the advice, shall be a formal admonition issued in writing to the concerned student(s) with the expectation that the concerned student(s) shall be able to refrain herself/himself/ themselves from any future violation.

  ii. Community Service

  For incidents involving vandalism, ragging, etc, in which a student often indulges and is not able to understand on her/his own the impact of her/his action on other students/system, she/he may be advised to undergo a Community Service for a specified duration of time. However, the advice regarding the Community Service shall be so designed that the student is forced to introspect into her/his behaviour with the objective of refraining herself/himself from objectionable actions in future. The advice shall not involve heavy physical exertion during its implementation.

  iii. Restitution

  In order to compensate partly or fully for the damages, loss of properties belonging to the Institute or the Hall of Residence, a student may be advised to pay a charge towards restitution. In such a case, the Committee shall also fix a time limit within which the amount is to be paid by the defaulting student(s).

  iv. Fine

  The Committee may advise imposition of a refundable or a non-refundable fine of an appropriate amount. In such a case, the Committee shall also fix a time limit within which the amount is to be paid by the defaulting student(s).

  v. Disciplinary Probation (DP)

  - Disciplinary Probation (DP) shall be a status imposed on student(s) for a specified period of time during which she/he/they shall be required to demonstrate a conduct conforming to Institute norms and value system.
  - Conditions restricting privileges or eligibility for participating in otherwise normal student activities, such as contesting an election for a post of Students Gymkhana or Hall of Residence, holding the coordinatorship of a club, membership of a committee of the Institute, etc, may also be imposed during the period of the Disciplinary

Probation (DP). In case, the concerned student is holding an elected or nominated post and is to be placed on the Disciplinary Probation, she/he shall be required to resign from the post immediately.

- Misconduct during the probationary period or violation of any conditions of the probation may result in further disciplinary advice.

vi. <u>Debarring from the Students Placement Cell of the Institute</u>

The SACS may advise the non-registration of a defaulting student from the Students Placement Cell of the Institute. In such a case, the student shall not be eligible for applying for her/his placement in companies organized by the Institute.

vii. <u>Suspension from the Programme</u>

- The SACS may advise the suspension of student status of a defaulter for the specified period of time. The specified period of time shall be the remaining duration of the semester in which the advice is given and may include subsequent semester(s).

- The student(s) put on suspension shall be required to vacate the hall within the specified time limit. She/he shall also be debarred from using Institute facilities such as the Library, Computer Center, laboratories, etc during the period of her/his suspension.

- The fee paid by the student for the semester in which student status for her/him has been suspended shall not be refunded / adjusted with the fee to be paid in the next semester in which she/he will be required to register.

viii. <u>Withholding of Degree</u>

The SACS may advise withholding of the degree of a defaulting student for a specified period of time. No *provisional certificate*, stating that all academic requirements of the programme have been completed by the student, shall be issued to the concerned student(s) during such a period.

ix. <u>Expulsion</u>

The SACS may advise the permanent termination of student status from the Institute.

IMPLEMENTATION OF ADVICE

Advice Given by SACHRs

- Convener of SACHR shall submit its committee's recommendation for approval, along with the note of dissent, if any, to the Convener SACS who may either

herself/himself approve the same or may send them to the Chairman Senate for approval.

- If the Chairman Senate or the Convener SACS are of the opinion that all the facts relating to a complaint have not been fully taken into account, they shall have the right to send the recommendations back for reconsideration to the Convener SACHR of the concerned Hall of Residence. In such a case, the Convener SACHR will reconvene the meeting. The SACHR shall review the case in light of fresh evidence provided and may make fresh recommendations.
- Till the recommendations of the SACHR are approved, all members of the Committee shall maintain an utmost confidentiality regarding the recommendations made.
- After recommendations on a given case are approved, Convener SACHR shall call the concerned student(s) within ten days after the approval has been received and advise them on their future course of action.

Advice Given by SACS

- Convener of SACS shall submit its committee's recommendation for approval, along with the note of dissent, if any, to the Chairman Senate for approval.
- If the Chairman Senate is of the opinion that all the facts relating to a complaint have not been fully taken into account, she/he shall have the right to send the recommendations back for reconsideration to the Convener SACS. In such a case, the Convener SACS shall reconvene the meeting. The SACS shall review the case in light of fresh evidence provided and may make fresh recommendations for the approval.
- Till the recommendations of the SACS are approved by the Chairman Senate, all members of the Committee shall maintain an utmost confidentiality regarding the recommendations made.
- After recommendations on a given case are approved, Convener SACS shall call the concerned student(s) within ten days after the approval has been received and advise them on their future course of action.

APPEALING AGAINST THE ADVICE

- Student(s) shall have the right to appeal against an advice.

- All appeals for reconsideration of the case shall be addressed to the Chairman Senate. The appeal may be for reconsidering the entire advice or for reducing the punishment envisaged in the advice.
- The Chairman Senate, after examining the appeal, shall have the right to dispose it off or mark the same to the Convener SACS or the Convener SACHR, as the case may be, for reconsidering the advice. The entire case may be reopened if new set of evidences pertaining to the case have been given with the appeal.
- The mere fact that an appeal has been filed against the advice shall not be the reason to hold the implementation of the advice.
- The Senate or the Chairman Senate may constitute a separate committee to look into a specific incident causing concern in the Institute. In such a case the matter shall not be referred to SACS and recommendations shall be made directly to the Chairman Senate.
- Provisions of this manual may be amended, changed, added at any time by the Senate.

h) **Any other matter which by this Act or the Statute is to be or may be provided for by the ordinances.**

h1. Change of Branch/ Discipline for BTech Programme

1. A student may be allowed change of branch/ discipline on the basis of her/his academic performance, subject to strength constraints of the disciplines. Change of branch/ disciplineisaprivilegeandnotarightandisawardednormallytomeritorious students only. Reservation policy will be applicable as per GOI rules for vacant seats.

2. Application for the change of branch/ discipline should be made at the end of second semester of BTech programme to the Dean Academic.

3. Change of Branch/ discipline will be done against the vacant seats and will be based purely on merit basis (CPI of the student towards the end of the second semester).

4. The strength of the students in a discipline shall not exceed the larger of its existing and sanctioned strengths or fall below 60% of its sanctioned strength as a result of branch/ discipline change.

5. Final approval for Change of Discipline will be given by Dean (Academic).

6. Top 5 students of the entire B.Tech. batch shall be eligible to change their branch of their choice above the sanctioned strength.

h1. Aacademic Leaves

1. Short Leave

   Applications for any kind of short leave should be addressed to the Head of the respective discipline for approval. Leave usually must not be availed without prior approval of the Head of the respective discipline. In addition, if a student is going out of campus on leave, she/he must inform the Hostel/concerned authorities. Following leaves are allowed to student

a. **Causal Leave**: A student can avail maximum of 7 days causal leave on valid reason

b. **Medical Leave**: A student can avail maximum 15 days leave on medical ground in a semester. Permission to grant leave on medical grounds exceeding 15 days in a semester is to be submitted to the Dean, Academic through Head of the respective discipline.

c. **Vacational Leave**: Maximum 15 day in a semester are allowed to PG students during mid-semester recess or Institute vacations. The vocational leave shall be carried over to the next semester if not availed and the entire duration of vacation leave shall not exceed 30 days at a time in any case

2. Temporary Withdrawal / Semester Leave

A student is not normally allowed to withdraw from the academic programme temporarily and is expected to complete her/his studies without any break.

However, for bonafide reasons and/or in exceptional circumstances, a student may be allowed to withdraw temporarily on leave of absence or semester leave at the discretion of Dean (Academic) on the recommendation of Head Discipline for an extended period. Such leave of absence(s) shall ordinarily not exceed two semesters with or without break during the entire period of the academic programme. Except for medical reasons, the Semester Leave shall not be granted unless the student has completed at least 2 semesters in the programme.

A student who remains on authorized leave of absence due to ill health is required to submit a certificate from a Registered Medical Practitioner (verified by Institute's Medical Officer) to the effect that she/he is sufficiently cured and is fit to resume her/his studies.

3. Duty Leave

A student shall be permitted to proceed outside the Institute on Duty Leave for maximum of 15 days in a year to carry out field work, library work, experimental work, laboratory work and for other research/academic work permitted by the Dean academic on the recommendation of Supervisor and Discipline Head. In exceptional cases if the period of Duty Leave is required to exceed 15 days, permission would require a prior approval from the Chairperson Senate. Duty leave cannot be combined with vacation leave.

4. Maternity/Paternity Leave

A married student may availMaternity/paternityLeaveas per policy laid down by the government of India time to time. If supported by a proper medical certificate, leave up to 6 weeks may also be granted to married female student

against miscarriage including medical termination of pregnancy.

An absence against maternity/paternity leave beyond the permissible period shall normally entail financial loss.

5. Leave to Proceed to other Institutions

In order to encourage a student to broaden her/her horizon and gain course/work experience, she/he may be permitted to proceed to other academic institutions in India or abroad as a non-degree student.

   a. An student who has (a) completed first four semesters (UG)/two semester (PG) of course work, (b) obtained a CPI $\geq$ 8.0 and (c) accumulated no backlog of courses may be allowed to spend up to two semesters and/or two summer terms in any academic institution of repute in India or abroad with prior permission of the Senate.

   b. Such a student shall make an application to the Dean (Academic) through Head Discipline giving details of the proposed programme and shall submit a statement of purpose with sufficient information about the institution where she/he has chosen to spend time as a non-degree student along with possible credit transfer. Dean (Academic) shall take recommendations of APCS for credit transfer. Dean (Academic) will place the application to the Senate for approval.

   c. Against each course or requirement for which a waiver is granted, the letter 'W' would appear on the Grade Report and all such courses will be deemed to carry zero credits for SPI/CPI calculations.

   d. Those students who are selected by the Institute, using prescribed rules and procedures, to proceed on any Institutional Exchange Programme will also be governed by above mentioned criteria.

NOTE

i) The Chairperson, Senate, may give exemption on the above rules in special cases on the recommendations of Dean Academic or any Committee constituted by the Chairperson, Senate as and when required.

ii) The Senate of the Institute is empowered to make rules and regulations to execute the rules mentioned in the ordinances.

NAMES OF STUDENTS RECOMMENDED FOR AWARD OF DEGREE IN 8TH CONVOCATION

S.No	Roll No	Name Of Student	Branch	Name in Hindi
List of B.Tech 2010 Batch
1	2010217	VIVEK SHAKYA	CSE	विवेक शाक्य
2	2010151	RAVI KUMAR MEENA	ECE	रवि कुमार मीणा
3	2010176	SAURABH SAIN	ECE	सौरभ सैन
4	2010186	SHUBHAM SOHIYA	ECE	शुभम सोहिया
5	2010198	SUSHANT GAURAV	ME	सुशांत गौरव
List of students who have passed after Summer Term
1	2010200	SUSHEEL KUMAR MEENA	CSE	सुशील कुमार मीणा

List of B.Tech 2011 Batch

S.No	Roll No	Name of Student	Branch	Name In Hindi
1	2011014	AMBREESH KUMAR ARYA	CSE	अम्बरीश कुमार आर्य
2	2011030	ASHISH MEENA	ECE	आशीष मीना
3	2011133	SANJAY KUMAR SINGH	ECE	संजय कुमार सिंह
4	2011106	PRASHANT KUMAR	ME	प्रशांत कुमार
5	2011175	VINOD MEENA	ME	विनोद मीणा
6	2011245	ARUN KHANDELWAL	ME	अरूण खण्डेलवाल
7	2011256	NISHANK SRIVASTAVA	ME	निशांक श्रीवास्तव
		List of students who have passed after Summer Term		
1	2011060	JETTI RAHUL	ECE	जेट्टि राहुल
2	2011134	SANJEEV KUMAR MEENA	ME	संजीव कुमार मीना
3	2011235	VIKRAM DHAWAN	ME	विक्रम धवन

List of B.Tech CSE Discipline for Batch-2012

S.No	Roll No	Name of Student	Branch	Name In Hindi
1	2012001	AADITYA SUJERIA	CSE	आदित्य सुजेड़िया
2	2012006	ABHIJEET DUBEY	CSE	अभिजीत दुबे
3	2012010	ABHISHEK SRIVASTAVA	CSE	अभिषेक श्रीवास्तव
4	2012013	ADITI GOYAL	CSE	अदिती गोयल
5	2012014	ADITYA RAJ	CSE	आदित्य राज
6	2012016	AKASH MANU	CSE	आकाश मनु
7	2012020	AMIT GIRI	CSE	अमित गिरी
8	2012026	ANISH AGARWAL	CSE	अनीष अग्रवाल
9	2012028	ANKIT KUMAR SAHU	CSE	अंकित कुमार साहु
10	2012030	ANKIT MITTAL	CSE	अंकित मित्तल
11	2012033	ANMOL KUMAR	CSE	अनमोल कुमार
12	2012037	ANURAG PRAKASH	CSE	अनुराग प्रकाश
13	2012040	APOORVA GUPTA	CSE	अपूर्वा गुप्ता
14	2012042	ARPIT GUPTA	CSE	अर्पित गुप्ता
15	2012047	ARUNIMA SINGH	CSE	अरूणिमा सिंह
16	2012055	AYUSH PAL	CSE	आयुष पाल
17	2012056	AYUSHI KASHYAP	CSE	आयुषी कश्यप
18	2012062	BUSI PHANINDRA	CSE	बुसि.फणिद्रं
19	2012063	CHANDAN MITTAL	CSE	चन्दन मित्तल
20	2012064	CHITTEM REDDY NILESH REDDY	CSE	चित्तेमरेड्डि नीलेश रेड्डि
21	2012068	DAREKAR OMKAR JAIWANT	CSE	दरेकर ओमकार जयवंत
22	2012072	DEEPANSHU AGARWAL	CSE	दीपांशु अग्रवाल
23	2012080	DHEERAJ YADAV	CSE	धीरज यादव
24	2012084	DIVYADYUTI GANGWAR	CSE	दिव्या द्युति गंगवार
25	2012086	DOLLY GARG	CSE	डोली गर्ग
26	2012087	DURGESH KUMAR	CSE	दुर्गेश कुमार
27	2012091	G SAI PRANEETH REDDY	CSE	जी साइ प्रनीत् रेड्डी
28	2012097	GUGULOTHU AKSHAY	CSE	गुगुलोतू अक्षय
29	2012102	HEMANG DEWAN	CSE	हेमांग दीवान
30	2012103	HEMANT MEENA	CSE	हेमंत मीणा
31	2012104	HEMANT	CSE	हेमंत
32	2012106	ISHAN TIWARI	CSE	ईशान तिवारी

33	2012108	JAMILI KRISHNA MANI SANKAR	CSE	जमिलि कृष्ण मणि शंकर
34	2012115	KARTIKEYA MISHRA	CSE	कार्तिकेय मिश्रा
35	2012121	KONDA ANUDEEP	CSE	कोंडा अनुदीप्
36	2012125	KUMAR SHUBHAM	CSE	कुमार शुभम
37	2012127	LOKENDRA SHARMA	CSE	लोकेन्द्र शर्मा
38	2012131	MANDAVA SATYA KRISHNA SAI	CSE	मँडव सत्य कृष्ण साई
39	2012137	MAYANK ATULKAR	CSE	मयंक अतुलकर
40	2012138	MAYANK SINGH	CSE	मयंक सिंह
41	2012147	MURLI MANOHAR	CSE	मुरली मनोहर
42	2012150	NAVEEN CHOUDHARY	CSE	नवीन चौधरी
43	2012162	PAWAN KUMAR	CSE	पवन कुमार
44	2012163	PERUMALLA VENU MADHAV	CSE	पेरूमाल्ला वेणु माधव्
45	2012165	PIYUSHKUMAR ASUTKAR	CSE	पियुषकुमार आसुटकर
46	2012173	PRASHANT KUMAR JHA	CSE	प्रशांत कुमार झा
47	2012174	PRASHANT SHRIVASTAVA	CSE	प्रशांत श्रीवास्तव
48	2012182	RACHIT TAYAL	CSE	रचित तायल
49	2012186	RAJENDRA PRASAD	CSE	राजेन्द्र प्रसाद
50	2012187	RAJPRIYA	CSE	राजप्रिया
51	2012188	RAKESH KUMAR BAIRWA	CSE	राकेश कुमार बैरवा
52	2012195	RISHABH DABRAL	CSE	ऋषभ डबराल
53	2012197	ROHAN BARVE	CSE	रोहन बर्वे
54	2012199	ROHIT ROY	CSE	रोहित रॉय
55	2012203	SACHIN KHANDELWAL	CSE	सचिन खण्डेलवाल
56	2012207	SARVAJEET SUMAN	CSE	सर्वजीत सुमन
57	2012210	SATISH KUMAR SAINI	CSE	सतीश कुमार सैनी
58	2012211	SATISH KUMAR	CSE	सतीश कुमार
59	2012217	SHIVAM MISHRA	CSE	शिवम मिश्रा
60	2012218	SHIVARAJU SAI SRIKANTH	CSE	शिवराजु साई श्रीकान्त
61	2012225	SHWETA GUPTA	CSE	श्वेता गुप्ता
62	2012226	SIDDHARTH GAUTAM	CSE	सिद्धार्थ गौतम
63	2012228	SINGH DEEPENDRA INDRABAHADUR	CSE	सिंह दीपेंद्र इंद्रबहादुर
64	2012237	TANISHA MISHRA	CSE	तनिषा मिश्रा
65	2012239	TARUN BHATIA	CSE	तरुण भाटिया
66	2012244	UPENDRA CHAURASIA	CSE	उपेन्द्र चौरसिया

67	2012249	VAIBHAV JAISWAL	CSE	वैभव जायसवाल
68	2012254	VIBHOR SHUKLA	CSE	विभोर शुक्ला
69	2012256	VIKAS KUMAR	CSE	विकास कुमार
70	2012258	VIVEK KUMAR	CSE	विवेक कुमार
71	2012261	YOGESH KUMAR JANGID	CSE	योगेश कुमार जाँगिड़
72	2012266	AKASH JAISWAL	CSE	आकाश जायसवाल
73	2012273	MUKESH KUMAR	CSE	मुकेश कुमार

List of students who have passed after Summer Term				
1	2012007	ABHINAV KUMAR	CSE	अभिनव कुमार
2	2012009	ABHISHEK RANJAN	CSE	अभिषेक रंजन
3	2012025	ANIMESH GAUTAM	CSE	अनिमेष गौतम
4	2012094	GAUTAM KUMAR	CSE	गौतम कुमार
5	2012120	SHALU SINGH	CSE	शालू सिंह
6	2012146	MUKESH KUMAR RAJ	CSE	मुकेश कुमार राज
7	2012264	ABHISHEK KUMAR JAISWAL	CSE	अभिषेक कुमार जायसवाल

List of B.Tech ECE Discipline for Batch-2012

S.No	Roll No	Name of Student	Branch	Name In Hindi
1	2012002	AAQUIB JAWED	ECE	आकिब जावेद
2	2012004	AAYUSH UPADHYAY	ECE	आयुष उपाध्याय
3	2012005	ABBADASARI PRATHEESH	ECE	ए. प्रतीष
4	2012011	ABHISHEK SINGH	ECE	अभिषेक सिंह
5	2012019	AMAN KHARE	ECE	अमन खरे
6	2012022	AMIT KUMAR BEHERA	ECE	अमित कुमार बेहेरा
7	2012024	AMRIT KUMAR OJHA	ECE	अमृत कुमार ओझा
8	2012034	ANSHUL RATHORE	ECE	अंशुल राठौर
9	2012041	APOORVE JAIN	ECE	अपूर्व जैन
10	2012046	ARUN PRATAP SINGH	ECE	अरूण प्रताप सिंह
11	2012050	ASHUTOSH RANJAN DWIVEDI	ECE	आशुतोष रंजन द्विवेदी
12	2012053	AYUSH KOCHHAR	ECE	आयुष कोक्षड़
13	2012054	AYUSH KUMAR GAUD	ECE	आयुष कुमार गौड
14	2012058	BANOTH JAGANNAIK	ECE	बानोत् जगन नायक
15	2012059	BATHULA SHARANYA	ECE	बतुला शरण्या
16	2012069	DEEKONDA SAI KRISHNA	ECE	डीकोंडा साई कृष्णा
17	2012070	DEEPAK KUMAR	ECE	दीपक कुमार
18	2012073	DESHAL DAN	ECE	देशल दान
19	2012076	DEVSHRI SHAKYAWAR	ECE	देवश्री शाक्यवार
20	2012079	DHEERAJ KUMAR	ECE	धीरज कुमार
21	2012081	DHUNA RAM SAINI	ECE	धुणा राम सैनी
22	2012085	DIVYA LALWANI	ECE	दिव्या लालवानी
23	2012088	DUVVA VAISHNAVI AISHWARYA	ECE	दुव्वा वैष्णवी एश्वर्या
24	2012092	GANDAMALLA MADHU	ECE	गन्डमल्ला मधु
25	2012095	GOKUL PRASAD NAGAR	ECE	गोकुल प्रसाद नागर
26	2012098	GULLIPALLI PRAMOD YASHWANT GAGAN	ECE	गुल्लीपल्ली प्रमोद यशवंत गगन
27	2012099	GUVVADA RAMPRASAD	ECE	गुव्वाडा. रामप्रसाद
28	2012105	HIMANSHU BARI	ECE	हिमांशु बरी
29	2012109	JATIN LALA	ECE	जतिन लाला
30	2012113	KARAN MAHESHWARI	ECE	करन माहेश्वरी
31	2012116	KENAM VERMA	ECE	केनम वर्मा
32	2012124	KUMAR SHISHIR	ECE	कुमार शिशिर
33	2012133	MANISH KUMAR MEENA	ECE	मनीष कुमार मीना
34	2012139	MEDHAVI GOYAL	ECE	मेधावी गोयल
35	2012141	MEGHANA GANGARAPU	ECE	मेघना गंगारपु

36	2012153	NEELAM MEGHWAL	ECE	नीलम मेघवाल
37	2012155	NIKHIL PARIHAR	ECE	निखिल परिहार
38	2012156	NIKHIL SURESH	ECE	निखिल सुरेश
39	2012157	NIMISH GARG	ECE	निमिष गर्ग
40	2012159	NISHANT	ECE	निशांत
41	2012160	NUNSAWATH RAVI NAYAK	ECE	नुनसावत् रवि नायक्
42	2012161	PATHAPADU MADHU SAI ROHITH	ECE	पातपाडु मधु साई रोहित्
43	2012166	POKALA CHETAN KRISHNA	ECE	पोकला चेतन कृष्णा
44	2012168	PRADEEP MEENA	ECE	प्रदीप मीणा
45	2012171	PRAMOD KUMAR GUPTA	ECE	प्रमोद कुमार गुप्ता
46	2012181	PUTTA MASTHANAIAH	ECE	पुट्टा मस्तानय्य
47	2012189	RAM KRISHNA CHAUDHARY	ECE	राम कृष्ण चौधरी
48	2012192	RAVINDRA KANNOUJIYA	ECE	रविन्द्र कन्नौजिया
49	2012198	ROHIT KUMAR SINGH	ECE	रोहित कुमार सिंह
50	2012200	ROHIT VERMA	ECE	रोहित वर्मा
51	2012205	SANJEEV KUMAR SONI	ECE	संजीव कुमार सोनी
52	2012209	SATENDRA NATH	ECE	सतेन्द्र नाथ
53	2012213	SATYAVEER MEENA	ECE	सत्यवीर मीना
54	2012221	SHUBHAM CHAUHAN	ECE	शुभम चौहान
55	2012230	SITARAM YADAV	ECE	सीताराम यादव
56	2012231	SREERAM CHANDRA TEJA	ECE	श्रीराम चन्द्र तेजा
57	2012247	V DIVYAKALA	ECE	वी दिव्यकला
58	2012257	VIKRANT CHAUDHARY	ECE	विक्रांत चौधरी
59	2012259	YASH VARDHAN RAI	ECE	यश वर्धन राय
60	2012265	AKASH BANSAL	ECE	आकाश बंसल
61	2012267	ANIL KUMAR SHARMA	ECE	अनिल कुमार शर्मा
62	2012269	BHAGWAN RAM RAAD	ECE	भगवान राम राड़
63	2012270	GAURAV GUPTA	ECE	गौरव गुप्ता
64	2012272	KULDEEP MEENA	ECE	कुलदीप मीना
65	2012277	RAHUL SINGHAL	ECE	राहुल सिंहल
66	2012278	RAVI KUMAR SINGH	ECE	रवि कुमार सिंह
67	2012279	RUCHIR	ECE	रूचिर
68	2012281	SAGAR BARONIA	ECE	सागर बरोनियाँ
69	2012284	SWARAJ GUPTA	ECE	स्वराज गुप्ता
70	2012285	UJJAWAL AGARWAL	ECE	उज्जवल अग्रवाल
71	2012286	UTPREKSH PATBHAJE	ECE	उत्प्रेक्ष पाटभाजे

		List of students who have passed after Summer Term		
1	2012130	MANAV NANDWANI	ECE	मानव नंदवानी
2	2012144	MOHIT YADAV	ECE	मोहित यादव
3	2012175	PRASHANT SINGH	ECE	प्रशांत सिंह
4	2012190	RAMAKANT TYAGI	ECE	रमाकान्त त्यागी
5	2012215	SHEFALI KHARE	ECE	शेफाली खरे
6	2012282	SARVJEET SINGH	ECE	सर्वजीत सिँह

List of B.Tech ME Discipline for Batch-2012

S.No	Roll No	Name of Student	Branch	Name In Hindi
1	2012003	AASHISH KUMAR PATWARI	ME	आशीष कुमार पटवारी
2	2012008	ABHINAV SHEKHAR VASHISTHA	ME	अभिनव शेखर वशिष्ठ
3	2012012	ABHISHEK UPADHYAY	ME	अभिषेक उपाध्याय
4	2012015	AKASH AGGARWAL	ME	आकाश अग्रवाल
5	2012017	AKHILESH CHAUDHARI	ME	अखिलेश चौधरी
6	2012018	ALOK SAHOO	ME	आलोक साहू
7	2012021	AMIT GUPTA	ME	अमित गुप्ता
8	2012023	AMIT KUMAR	ME	अमित कुमार
9	2012029	ANKIT KUMAR	ME	अंकित कुमार
10	2012031	ANKIT PATHAK	ME	अंकित पाठक
11	2012038	ANURAG SINHA	ME	अनुराग सिन्हा
12	2012039	APOORV KUMAR AGARWAL	ME	अपूर्व कुमार अग्रवाल
13	2012043	ARPIT GUPTA	ME	अर्पित गुप्ता
14	2012044	ARUN KUMAR GOYAL	ME	अरूण कुमार गोयल
15	2012045	ARUN KUMAR SINGH	ME	अरूण कुमार सिंह
16	2012048	ARUSHI DEV	ME	अरूषि देव
17	2012066	DAMERA JAGAN SAI RAJ	ME	दामेरा जगन साइ राज
18	2012067	DANDAVOLU BHANUPRAKASH REDDY	ME	दन्दवोलु भानुप्रकाष रेड्डी
19	2012071	DEEPAK KUMAR	ME	दीपक कुमार
20	2012074	DEVESH KUMAR	ME	देवेश कुमार
21	2012075	DEVESH SINGH	ME	देवेश सिंह
22	2012078	DHARMA RAJ MEENA	ME	धर्म राज मीना
23	2012083	DINESH CHOUDHARY	ME	दिनेश चौधरी
24	2012089	FARAZ NADEEM	ME	फराज़ नदीम
25	2012100	HARENDRA KUMAR	ME	हरेन्द्र कुमार
26	2012107	JAIRAM RAIGAR	ME	जयराम रैगर
27	2012114	KARAN MOHAL	ME	करण मोहल
28	2012117	KESARAJU SUDHEER CHANDRA	ME	केशराजु सुधीर चन्द्रा
29	2012122	KRISHAN KHALDANIA	ME	कृष्ण खलदानियाँ
30	2012128	LOKESH MEENA	ME	लोकेश मीना
31	2012129	MAHENDRA PRATAP	ME	महेन्द्र प्रताप
32	2012143	MISHRA ABHILASH RAJENDRA	ME	अभिलाष राजेन्द्र मिश्रा
33	2012148	NARENDRA KUMAR	ME	नरेन्द्र कुमार
34	2012151	NAVEEN KANNOJIA	ME	नवीन कन्नोजीया
35	2012152	NAVEEN	ME	नवीन

36	2012154	NEERAJ SONI	ME	नीरज सोनी
37	2012164	PIYUSH SHARMA	ME	पियूष शर्मा
38	2012167	PRABHAT RANJAN	ME	प्रभात रंजन
39	2012169	PRAFULL TRIPATHI	ME	प्रफुल्ल त्रिपाठी
40	2012177	PRATYUSH SINGH	ME	प्रत्यूष सिंह
41	2012178	PRAVEEN KUMAR	ME	प्रवीण कुमार
42	2012180	PULKIT RANA	ME	पुलकित राणा
43	2012183	RAHUL KUMAR	ME	राहुल कुमार
44	2012184	RAHUL KUMAR	ME	राहुल कुमार
45	2012185	RAJAT JAIN	ME	रजत जैन
46	2012191	RAUNAK ARORA	ME	रौनक अरोरा
47	2012193	REWATI RAMAN	ME	रेवती रमन
48	2012201	RONAK JAIN	ME	रौनक जैन
49	2012202	RUPA RAM	ME	रूपा राम
50	2012208	SATENDRA KUMAR	ME	सतेन्द्र कुमार
51	2012212	SATYAM KUMAR JAYASHAWAL	ME	सत्यम् कुमार जायसवाल
52	2012220	SHREYANS GARG	ME	श्रेयांस गर्ग
53	2012222	SHUBHAM JAIN	ME	शुभम जैन
54	2012223	SHUBHAM MEENA	ME	शुभम मीणा
55	2012227	SIDDHARTHA KUMAR	ME	सिद्धार्थ कुमार
56	2012229	SIRIPURAPU DINESH RAM	ME	सिरिपुरपु दिनेश राम
57	2012233	SUNIL KUMAR	ME	सुनिल कुमार
58	2012234	SURENDRA KUMAR JANGID	ME	सुरेन्द्र कुमार जाँगिड़
59	2012240	TODAKAR PRATHMESH ANKUSH	ME	तोडकर प्रथमेश अंकुश
60	2012241	TUSHAR TRIPATHI	ME	तुषार त्रिपाठी
61	2012242	UDAY KUMAR	ME	उदय कुमार
62	2012251	VARUN	ME	वरूण
63	2012253	VENNAM THIRUMAL REDDY	ME	वेन्नं तिरुमल रेड्डि
64	2012255	VIJAY SONGARA	ME	विजय सोनगरा
65	2012260	YASHASVI GIRIDHAR	ME	यशस्वी गिरिधर
66	2012263	ABHISHEK GUPTA	ME	अभिषेक गुप्ता
67	2012268	ANKUR SHARMA	ME	अंकुर शर्मा
68	2012271	JEETESH SHARMA	ME	जीतेश शर्मा
69	2012274	NAV GOYAL	ME	नव गोयल
70	2012275	PARAG NAWANI	ME	पराग नवानी
71	2012276	PRATIK SAHU	ME	प्रतीक साहू
72	2012283	SHUKLA PRANAV DEVENDRAKUMAR	ME	शुक्ला प्रणव देवेंद्रकुमार

		List of Students who have Passed after Summer Term		
1	2012149	NAVDEEP	ME	नवदीप
2	2012206	SAPTARSHI DAS	ME	सप्तर्षि दास

NAMES OF STUDENTS RECOMMENDED FOR Ph.D.,M.TECH. & M.DES. AWARD OF DEGREE IN 8TH CONVOCATION

List of Ph.D.,M.Tech. & M.Des. Students

Ph.D.

S.No.	Roll No.	Name	Program	Branch	Name In Hindi	Thesis Topic
1	1110161	DEEPTI TAMRAKAR	Ph.D.	CSE	दीप्ति ताम्रकार	ROBUST PALMPRINT RECOGNITION TECHNIQUES
2	1120162	SAURABH TIWARI	Ph.D.	CSE	सौरभ तिवारी	EVALUATING USABILITY ASPECTS OF USE CASES FOR SOFTWARE SPECIFICATION PROBLEM
3	1120163	SHREELEKHA PANDEY	Ph.D.	CSE	श्रीलेखा पाण्डे	RETRIEVAL OF IMAGE SEMANTICS FROM HIERARCHICAL IMAGE DATABASES
4	1220161	KOUSHLENDRA KUMAR SINGH	Ph.D.	CSE	कौशलेन्द्र कुमार सिंह	CHEBYSHEV POLYNOMIAL BASED APPROXIMATION OF AN EFFICIENT FRACTIONAL ORDER MASK FOR DIFFERENT IMAGE PROCESSING APPLICATIONS
5	1110261	ALOK NAUGARHIYA	Ph.D.	ECE	आलोक नौगरहिया	ANALYSIS OF SUPERJUNCTION VDMOS: LIMITATIONS AND SOLUTIONS
6	1110264	KULDEEP BADERIA	Ph.D.	ECE	कुलदीप बड़ेरिया	DESIGN OF DIGITAL FIR FILTER AND FILTER BANK USING FRACTIONAL DERIVATIVE CONSTRAINTS
7	1210265	SANGEETA SINGH	Ph.D.	ECE	संगीता सिंह	INVESTIGATION AND PERFORMANCE ESTIMATION OF NOVEL STEEP SUBTHRESHOLD SLOPE DEVICES: A COMPREHENSIVE STUDY
8	1210268	SUDEEP BAUDHA	Ph.D.	ECE	सुदीप बौध्द	DESIGN AND INVESTIGATION OF HIGH EFFICIENCY BROADBAND PRINTED ANTENNA

S.No.	Roll No.	Name	Program	Branch	Name in Hindi	
9	1310261	RAHUL UPADHYAY	Ph.D.	ECE	राहुल उपाध्याय	EATURE EXTRACTION AND CLASSIFICATION OF ELECTROENCEPHALOGRAM SIGNALS FOR BRAIN COMPUTER INTERFACE
10	1110361	MURALIDHARAN B	Ph.D.	ME	मुरलीधरन बी	EXPERIMENTAL INVETIGATION, MODELLING AND ANALYSIS OF ELECTRO DISCHARGE DEPOSITION PROCESS

M.Tech CSE

S.No.	Roll No.	Name	Program	Branch	Name in Hindi	
1	1210101	INDRANIL GUHA	M.Tech	CSE	इन्द्रनील गुह	
2	1220108	SACHIN SINGH THAKUR	M.Tech	CSE	सचिन सिंह ठाकुर	
3	1310105	PRIYANKA SAINI	M.Tech	CSE	प्रियंका सैनी	
4	1310109	SHRUTI SAXENA	M.Tech	CSE	श्रुति सक्सेना	
5	1410101	ANOOP KUMAR MEHTA	M.Tech	CSE	अनूप कुमार मेहता	
6	1410102	BHASKAR PRATIM MUKHOTY	M.Tech	CSE	भास्कर प्रतिम मुखोटी	
7	1410103	BIRENDER KUMAR RAWAL	M.Tech	CSE	वीरेन्द्र कुमार रावल	
8	1410107	MANASI DHEKANE	M.Tech	CSE	मानसी ढेकणे	
9	1410108	NAZMA NAUSHEEN	M.Tech	CSE	नाज़मा नौशीन	

S.No.	Roll No.	Name	Program	Branch	Name in Hindi	Specialization
10	1410112	SANASAM CHANU INUNGANBI	M.Tech	CSE	सनसम चानू इनुन्गन्बि	

M.Tech ECE						
S.No.	Roll No.	Name	Program	Branch	Name in Hindi	Specialization
1	1220231	VINAY KUMAR TIWARI	M.Tech	ECE	विनय कुमार तिवारी	
2	1310201	ABHISHEK SAHU	M.Tech	ECE	अभिषेक साहू	
3	1310202	ASHA VERMA	M.Tech	ECE	आशा वर्मा	
4	1310207	MANISH SINGH	M.Tech	ECE	मनीष सिंह	
5	1310210	RAI NARENDRA SURESH	M.Tech	ECE	राय नरेंद्र सुरेश	
6	1310211	SANDIP KUMAR	M.Tech	ECE	संदीप कुमार	
7	1310213	SAVITA BARASKAR	M.Tech	ECE	सविता बारस्कर	
8	1410201	DILEEP. S	M.Tech	ECE	दिलीप. एस	(Microwave & Communication)
9	1410202	DUGGIRALA VENKATAKIRAN	M.Tech	ECE	डुग्गीराला वेंकट किरण	(Microwave & Communication)
10	1410205	SATYA PRAKASH VISHWAKARMA	M.Tech	ECE	सत्य प्रकाश विश्वकर्मा	(Microwave & Communication)
11	1410209	VIVEK SINGH	M.Tech	ECE	विवेक सिंह	(Microwave & Communication)

S.No.	Roll No.	Name	Program	Branch	Name in Hindi	Specialization
12	1410211	ATUL KUMAR TIWARI	M.Tech	ECE	अतुल कुमार तिवारी	(Power & Control)
13	1410213	OM PRAKASH YADAV	M.Tech	ECE	ओम प्रकाश यादव	(Power & Control)
14	1410214	SUJIT MOHAPATRA	M.Tech	ECE	सुजीत मोहापात्रा	(Power & Control)
15	1410217	VIPIN KUMAR MISHRA	M.Tech	ECE	विपिन कुमार मिश्र	(Power & Control)

M.Tech ME

S.No.	Roll No.	Name	Program	Branch	Name in Hindi	Specialization
1	1210303	GOURAV KUMAR SHARMA	M.Tech	ME	गौरव कुमार शर्मा	
2	1220304	ASHISH KUMAR SHUKLA	M.Tech	ME	आशीष कुमार शुक्ला	
3	1310301	ADHIL ABOOBACKER	M.Tech	ME	आदिल अबूबकर	
4	1310304	DEEPESH PANJWANI	M.Tech	ME	दीपेश पंजवानी	
5	1310307	JODAVE SANKET HARIDAS	M.Tech	ME	जोडवे संकेत हरिदास	
6	1310308	NAVNEET SINGH CHAHAR	M.Tech	ME	नवनीत सिंह चाहर	
7	1310310	PRIYANKA PATEL	M.Tech	ME	प्रियंका पटेल	
8	1310311	SHAIKH SAQUIB NAIM	M.Tech	ME	शेख साकिब नईम	

9	1410301	ABHISHEK KUMAR	M.Tech	ME	अभिषेक कुमार	CAD-CAM
10	1410303	DIVYANSH DWIVEDI	M.Tech	ME	दिव्यांश द्विवेदी	CAD-CAM
11	1410304	MANISH KUMAR PANDEY	M.Tech	ME	मनीष कुमार पाण्डेय	CAD-CAM
12	1410305	PIYUSH DHANANJAY UKEY	M.Tech	ME	पियुष धनंजय ऊके	CAD-CAM
13	1410306	PRABAL PRATAP SINGH	M.Tech	ME	प्रबल प्रताप सिंह	CAD-CAM
14	1410307	RANJEET SINGH RAJPUT	M.Tech	ME	रंजीत सिंह राजपूत	CAD-CAM
15	1410311	ANKUR RAMAN GOLDKAR	M.Tech	ME	अंकुर रमन गोलदार	Design
16	1410313	KAVATHEKAR SOHAM SHAMSUNDER	M.Tech	ME	कवठेकर सोहम् शामसुंदर	Design
17	1410314	MUDAVATH BALAJI NAIK	M.Tech	ME	मुड़ावत बालाजी नायक	Design
18	1410316	ROHIT SINGHAL	M.Tech	ME	रोहित सिंघल	Design
19	1410318	SUNIL KUMAR PRAJAPATI	M.Tech	ME	सुनील कुमार प्रजापति	Design
20	1410319	VINAY KUMAR	M.Tech	ME	विनय कुमार	Design

S.No.	Roll No.	Name	Program	Branch	Name In Hindi	
21	1410321	BIKASH KUMAR	M.Tech	ME	विकाश कुमार	(Manufacturing)
22	1410326	SHOBHIT MISHRA	M.Tech	ME	शोभित मिश्र	(Manufacturing)

M.Des Design

S.No.	Roll No.	Name	Program	Branch	Name In Hindi	
1	1210401	AMAN BHADOURIA	M.DES	DESIGN	अमन भदौरिया	
2	1310402	BEVIN HECTOR D'CRUZ	M.DES	DESIGN	बेविन हेक्टर डी'क्रूज	
3	1310404	VIKRANT CHAUDHARY	M.DES	DESIGN	विक्रांत चौधरी	
4	1310407	VIPIN YADAV	M.DES	DESIGN	विपिन यादव	
5	1410407	CHIRDE ABHIJIT LAXMAN	M.DES	DESIGN	चिरडे अभिजित लक्ष्मण	
6	1410408	DEEPSHIKHA	M.DES	DESIGN	दीपशिखा	
7	1410409	GANESH S	M.DES	DESIGN	गणेश एस	
8	1410411	MADHURA SHRIDHAR PHADKE	M.DES	DESIGN	मधुरा श्रीधर फडके	
9	1410414	NEHA KARMAKAR	M.DES	DESIGN	नेहा करमाकर	
10	1410405	ANUJA ARUN AUTI	M.DES	DESIGN	अनुजा अरुण औटी	

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M.Tech MT

S.No.	Roll No.	Name	Program.	Branch	Name In Hindi	
1	1310505	KUNBI BHAVESHKUMAR BABUBHAI	M.Tech	MT	कुन्बी भावेशकुमार बाबुभाइ	
2	1310508	SHASHANK KUMAR	M.Tech	MT	शशांक कुमार	
3	1310509	UDIT NARAYAN BERA	M.Tech	MT	उदित नारायन बेरा	
4	1320501	ANKUR BARUAH	M.Tech	MT	अंकुर बरूवा	
5	1320503	RISHIKA TRIVEDI	M.Tech	MT	ऋषिका त्रिवेदी	
6	1320504	SHIKHA TRIPATHI	M.Tech	MT	शिखा त्रिपाठी	
7	1410502	BRIJESH KORI	M.Tech	MT	बृजेश कोरी	
8	1410504	MAHAK BISEN	M.Tech	MT	महक बिसेन	
9	1410506	RAKESHA CHANDRA DASH	M.Tech	MT	राकेश चन्द्र दास	
10	1410507	SHIVENDRA KUMAR AGRAHARI	M.Tech	MT	शिवेन्द्र कुमार अग्रहरि	
11	1410510	T LAKSHMI SAINAG	M.Tech	MT	टी लक्ष्मी साईनाग	

Indian Institute of Information Technology, Design & Manufacturing Jabalpur

Ratifications of the approval of the Chairperson, Senate

Approval UG & PG Result

S. No	Particulars	Date	Remarks
1.	Approval Result of B.Tech & B.Des 2015 batch Semester II, 2015-16	19-05-2016	
2.	Approval Result of B.Tech 2014 batch Semester II, 2015-16	19-05-2016	
3.	Approval Result of B.Tech 2013 (ECE & ME) batch Semester II, 2015-16	21-05-2016	
4.	Approval Result of B.Tech 2012 (ECE & ME) batch Semester II, 2015-16		
5.	Approval Result of B.Tech 2011 & 2010 batch Semester II, 2015-16	21-05-2016	
6.	Approval Result of Ph.D. 2015 (CSE, ECE & ME) batch Semester II, 2015-16	21-05-2016	
7.	Approval Result of Ph.D. 2014 & 2015 (Phy & Math) batch Semester II, 2015-16	20-05-2016	
8.	Approval Result of Ph.D. 2009, 2010, 2011, 2012, 2013 & 2014 (CSE, ECE, ME & Design) batch Semester II, 2015-16	20-05-2016	
9.	Approval Result of M.Des 2014 & 2015 batch Semester II, 2015-16	20-05-2016	
10.	Approval Result of M.Tech 2013 (ME) & 2014 (CSE, ECE, ME & MT) batch Semester II, 2015-16	20-05-2016	
11.	Approval Result of M.Tech 2015 (CSE, ECE, ME & MT) batch Semester II, 2015-16	21-05-2016	
12.	Approval Result of B.Tech 2012 (CSE) batch Semester II, 2015-16	31-05-2016	
13.	Approval Result of B.Tech 2013 (CSE) batch Semester II, 2015-16	31-05-2016	
14.	Approval of Dual Degree Result	31-05-2016	
15.	Approval of Revised Grades of MN302, ES205e, EC201L, ME203 & ES306	11-06-2016	
16.	APEC Report of PG Semester – II, 2015-16	04-07-2016	
17.	Approval of Revised Grades of DS615	04-07-2016	
18.	APEC Report of UG Semester – II, 2015-16	21-07-2016	
19.	Approval of Result Summer Semester 2015-16 B.Tech 2010, 2011 & 2012	04-08-2016	
20.	Approval of Result Summer Semester 2015-16 B.Tech 2013, 2014 & 2015	05-08-2016	

New Course Approval

S. No	Particulars	Date	Remarks
1.	Approval of HS203 Arts and Aesthetics Modified Course	18-07-2016	

Approval of Final Thesis

S. No	Particulars	Date	Remarks
1.	Approval of Thesis of Ms. Sanjeeta Singh (Roll No. 1210265)	16-05-2016	
2.	Approval of Thesis of Mr. Saurabh Tiwari (Roll No. 1120162)	04-07-2016	
3.	Approval of Thesis of Mr. Rahul Upadhyay (Roll No. 1310261)	18-07-2016	
4.	Approval of Thesis of Mr. Koushlendra Kumar Singh (Roll No. 1220161)	18-07-2016	

Other Approval

S. No	Particulars	Date	Remarks
1.	Approval of Master Thesis Evaluation Process	03-06-2016	
2.	Approval of Conversion to External of Mr. Sarvani Shankar Jha (Roll No. 1410416) M.Des	02-08-2016	
3.	Approval of Recommendation of APCS	05-08-2016	
4.	Approval of Empanelment of expert Prof. K K Biswas, Emeritus Professor, IIT Delhi as a Senate Nominee in Selection Committees of various positions.	05-08-2016	

Guidelines for registration in online courses

1. The UG student is allowed to take online course in 5th semester onwards and PG students in any semester against an elective. They are allowed to take at most two online courses throughout the programme.
2. The weightage of the online course will be 2 credits.
3. The evaluation process for the online courses will be same as that of regular course, i.e., 2 Quizes, mid-sem & end semester examination along with assignments, projects and other evaluation components.
4. The instructor will arrange at least one contact hour in a week for discussion in addition to examination duration.
5. The students can take these courses as audit/credit course.
6. A faculty can float at most one online course and it will be consider equivalent to 25% load of the regular classroom course.
7. A student is not allowed to repeat a course already done as a regular/ online course.

PDPM INDIAN INSTITUTE OF INFORMATION TECHNOLOGY, DESIGN & MANUFACTURING JABALPUR

Proposal for a new course/Modification in a course

I. Course Title: Wireless Sensor Networks

II. Proposed Course Number: CS609

III. Units: Lecture 03   Tutorial 0   Lab   0   Credit 04

IV. Mode: core/Elective/EMF: Elective

V. Tentative Evaluation Scheme: Quiz I (10%), Mid term (30%), Quiz II (10%), End term (50%)

VI. Semester: II

VII. Programme: MTech(CSE)/B.Tech (CSE)

VIII. Learning Objective: This course will cover the latest research in the area of Wireless Sensor Networks. It covers all aspects of these unique and important systems, from the hardware and radio architecture through protocols and software to applications. Topics will include sensor network architectures, hardware platforms, physical layer techniques, medium access control, routing, topology control, quality of service (QoS) management, localization, time synchronization, and other advanced topics.

IX. Detailed Course Content:

Module1: **Characteristics of WSN:** Characteristic requirements for WSN - Challenges for WSNs – WSN vs Adhoc Networks. [2 H] **Sensor node architecture** – Commercially available sensor nodes –Imote, IRIS, Mica Mote, EYES nodes, BTnodes, TelosB, Sunspot –Physical layer and transceiver design considerations in WSNs, Energy usage profile, Choice of modulation scheme, Dynamic modulation scaling, Antenna considerations. [6 H]	08 H
Module2: **Medium Access Control Protocols:** Fundamentals of MAC protocols - Low duty cycle protocols and wakeup concepts - Contentionbased protocols - Schedule-based protocols - SMAC - BMAC - Traffic-adaptive medium access protocol (TRAMA) - The IEEE 802.15.4 MAC protocol. [10 H]	10 H
Module3: **Routing And Data Gathering Protocols:** Routing Challenges and Design Issues in Wireless Sensor Networks, Flooding and gossiping –Data centric Routing – SPIN – Directed Diffusion – Energy aware routing - Gradient-based routing - Rumor Routing – COUGAR – ACQUIRE – Hierarchical Routing - LEACH, PEGASIS –Location Based Routing – GF, GAF, GEAR, GPSR – Real Time routing Protocols – TEEN, APTEEN, SPEED, RAP [8 H] Data aggregation - data aggregation operations - Aggregate Queries in Sensor Networks - Aggregation Techniques – TAG, Tiny DB. [6 H]	14 H
Module4: **Applications Of WSN:** WSN Applications - Home Control – Building Automation - Industrial Automation - Medical Applications - Reconfigurable Sensor Networks -Highway Monitoring - Military Applications - Civil and Environmental Engineering Applications - Wildfire Instrumentation - Habitat Monitoring - Nanoscopic Sensor Applications – Case Study: IEEE 802.15.4 LR-WPANs Standard - Target detection and tracking - Contour/edge detection - Field sampling. [8 H]	08 H
Text/Reference books: 1. Holger Karl and Andreas Willig, "Protocols and Architectures for Wireless Sensor	

Networks", John Wiley &.Sons, Ltd, 2005, ISBN-13 978-0-470-09510-2.
2. Kazem Sohraby, Daniel Minoli and Taieb Znati, "Wireless Sensor Networks Technology, Protocols, and Applications", John Wiley & Sons, 2007, ISBN 978-0-471-74300-2.
3. Anna Ha´c, "Wireless Sensor Network Designs", John Wiley & Sons, 2003, ISBN 0-470-86736-1.

Signature of the proposer (s):

Recommendation of the Head
(With recommendation from discipline/specialization/Programme)

1. Number of credits inline with the Institute policy: Yes / No
2. The course may also be offered to: _____ Disciplines/Programmes
3. Portion of contents repeated: NIL
4. Course is assigned CS 609 number
5. Any other point:

(Head, _____ CSE Discipline)

Recommendation of the APCS

Recommended/Not recommended

(Member1)   (Member2)   (Member3)   (Member4)   (Member5)   (Convener)

Dean Academic

Approved/ Not Approved

Chairperson Senate