



## **AGENDA**

### **Twenty-Fourth (24th) Meeting of SENATE of Indraprastha Institute of Information Technology, Delhi**

**Date:**               **13 November, 2013**

**Day:**                 **Wednesday**

**Time:**               **03.00 PM**

**Venue:**             **Senate Room, B-wing, 5<sup>th</sup> Floor,  
R&D Building, IIIT-D Campus,  
Okhla Industrial Estate, Phase-III,  
New Delhi-110020**

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**TWENTY-FOURTH (24th ) MEETING OF SENATE OF IIT-DELHI**  
**AGENDA**

**24.1 Opening remarks of the Chairman**

**24.2 Confirmation of minutes of the 23<sup>rd</sup> meeting of the Senate:**

The minutes of the 23<sup>rd</sup> meeting of the Senate were circulated among the members. No comments have been received so far. The Senate may consider the same for confirmation. A copy of the same is placed as **Annexure-I**.

**ITEMS FOR INFORMATION**

**24.3 Approval from AICTE**

Approval from AICTE for change of site and sanction of ECE programme is still awaited. AICTE has been again requested to expedite their approval for ECE programme as well as change of site.

**24.4 Application for NAAC Accreditation**

We have applied for NAAC Accreditation for which a confirmation has been received on 14 Sep 2013 for submission of Self Study Report within six months.

**24.5 Application for NBA Accreditation**

We have applied for NBA Accreditation for which a confirmation has been received on 18 Sep 2013. The registration fee has been paid and we are awaiting login details for submission of Self Assessment Report within two-three months.

**24.6 Information regarding Court Case related to BTech 2013 admission**

On 11.9.2013 the Hon'ble Delhi High Court has disposed off the Civil Writ Petition No.2847/2013 filed by Mr. Viyom Gupta in favour of the Institute.

**24.7 No. of Courses being taught in Monsoon 2013 and No. of Students registered in each Course.**

Total 60 courses are being taught in Monsoon 2013. The Course wise registration list is placed as **Annexure-II**

**24.8 Total number of Add Drops and Late Drops for Monsoon 2013**

Number of Add Drops done by last Day of Course Add/Drop: **456**  
Number of Late Drops: **21**

#### 24.9 Status of admissions:

##### ➤ **Rolling PhD admissions:**

Following students have been admitted under Rolling PhD:

Sl.No.	Roll No.	Program	Name	Date of Joining
1	PhD1305	CSE	Megha Bansal	30 Sep 2013
2	PhD1306	CSE	Venkatesh Vinayakrao	17 Oct 2013

The newly admitted students may be accepted by the Senate.

#### 24.10 Summary of PhD evaluation

To be placed on the table

### ACADEMIC & STUDENTS MATTERS

#### 24.11 Review of Admission Criteria for BTech 2014 Batch

Based on the feedback/experience of the previous years, it is proposed to revise the admission criterion for BTech 2014 batch as detailed in **Annexure-III**.

#### 24.12 Bonus Marks for BTech Admissions

So far, bonus marks have been given to the candidates for BTech admission, only for Olympiad and Procon Junior winners. The Institute is now proposing to broaden the criteria for granting bonus marks to enhance diversity of talent in intake, and to recognize achievements in other areas/contests. Accordingly a proposal for Bonus Marks to be given to the candidates applying for BTech admissions 2014, is given in **Annexure IV**.

#### 24.13 To consider a proposal for revision of Scholarly Paper credits as well as change from Scholarly Paper (SP) to thesis or vice versa

The existing regulation provides for 8 Credits of Scholarly Paper and 16 Credits of MTech Thesis. It is now proposed to revise the Scholarly Paper Credit to 4 or 8. Similarly it is proposed to allow a change from SP to thesis or vice versa which can be done with approval for credit counting as per details given in **Annexure V**.

#### 24.14 Revision of MTech(ECE) Regulations and starting of a new MTech specialization in Communication and Signal Processing

In view of the inconsistencies in the MTech (ECE) regulations placed on the Website, pointed out by some members the M.Tech. (ECE) regulations have been relooked into and revised regulation is placed at **Annexure V**

Further, to address the needs of the industry, which today requires more specialized manpower as each field is getting more complex, the institute feels that it is desirable to provide another specialization within ECE in the MTech program. In view of this it is proposed to revise the MTech(ECE) regulations as per **Annexure-VI**.

#### **24.15 Academic Calendar for Winter Semester 2014**

The Senate may approve the academic calendar for the Winter Semester,2014. A copy of the same is placed as **Annexure-VII.**

#### **24.16 To consider certain issues related to Dual Degree Programs.**

At present the following provisions exist in the rules and regulations of IITD.

- Migration from BTech to MTech under Dual Degree.
- Migration from MTech to PhD after Ist Year.
- Award of MTech Degree on the way to PhD.

The various issues related to Dual Degree programs of the institute has been discussed in ERP Committee meeting held on 18 Oct 2013 and its recommendations are contained in the minutes placed at **Annexure-VIII.**

Senate may kindly consider the recommendations of the ERP Committee.

#### **24.17 Recommendation/Report by PGC:**

Recommendation of PGC with regard to regulation for Scholarly Paper (to be placed on the table)

#### **24.18 Recommendation Report by UGC:**

The report/recommendations of the UGC to be placed on the table.

#### **24.19 Any other item with permission of the Chair.**

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**Minutes of the 23<sup>rd</sup> Senate Meeting of IIIT-D held on August 14, 2013 at 03.30 PM in the Senate Room, B-wing, R&D Building, IIIT-D Campus, Okhla Industrial Estate Phase-3, New Delhi**

***Following members were present:***

- Prof. Pankaj Jalote - Chairman
- Prof. K.K. Biswas - External Member
- Dr. Kaushik Saha - External Member
- Dr. Gautam Shroff - External Member
- Prof. Samaresh Chatterji - Ex-Officio Internal Member
- Prof. Ashwin Srinivasan - Ex-Officio Internal Member
- Dr. Astrid Kiehn - Ex-Officio Internal Member
- Mr. Hemant Kumar - Ex-Officio Internal Member
- Dr. A.V. Subramanyam - Internal Member
- Dr. Angshul Majumdar - Internal Member
- Dr. Mohd. S. Hashmi - Internal Member
- Dr. Shreemoy Mishra - Internal Member
- Dr. Srikanta Bedathur - Internal Member
- Dr. Sujay Deb - Internal Member
- Mr. Ashwani Kumar Kansal - Secretary

***Following members attended via telecon:***

- Mr. Srinivas Padmanabhuni - External Member

***Special Invitees:***

- Prof. R.N. Biswas - Visiting Faculty - IIITD
- Dr. Apala Guha - Faculty – IIITD
- Dr. Alexander Fell - Faculty - IIITD
- Dr. Pushpendra Singh - Faculty – IIITD
- Dr. Sandip Aine - Faculty – IIITD
- Dr. Navpreet Singh - Visiting Faculty – IIITD
- Mr. K.P. Singh - In-charge-Academics
- Mr. Vivek Tiwari - DM-Academics
- Mr. Kuldeep Singh - AM-Academics
- Ms. Sheetu Ahuja - AM-Academics

**TWENTY- THIRD (23rd ) MEETING OF SENATE OF IIT-DELHI**  
**MINUTES OF THE MEETING**  
**(held on 14<sup>th</sup> August, 2013)**

**23.1 Opening remarks of the Chairman**

The Chairman welcomed all to the meeting.

**23.2 Confirmation of minutes of the 22<sup>nd</sup> meeting of the Senate**

Since there were no comments, the minutes of the 22<sup>nd</sup> meeting were confirmed.

**ACTION TAKEN REPORT**

**23.3 To report the release of the following:**

- revised UG Regulations.
- revised PG Regulations.
- revised BTech (CSE) Regulations
- revised BTech (ECE) Regulations
- revised MTech (CSE) Regulations
- revised MTech (ECE) Regulations
- Dual Degree Regulations

The Senate noted the release of above regulations.

Dr. Kaushik Saha pointed out that some inconsistencies have been noted in the M.Tech. (ECE) regulations placed on the website. The Chairman informed that inconsistencies pointed out will be looked into and appropriate steps will be taken in this regard. He also informed that a meeting will be held with the concerned ECE faculty shortly to discuss the ECE regulation and make necessary changes, if required.

In response to the query that at present the catalogue of ECE courses is incomplete on the website, Dr. Astrid clarified that we will soon have software which will extract course summary from the course descriptions.

**ITEMS FOR INFORMATION**

**23.4 Summary of course registrations for the Monsoon Semester 2013:**

It was informed that about 350 students have submitted hardcopy applications for Add/Drop of courses. Besides, the time limit for registration of courses by ECE students who are currently undergoing internship has been extended for another 15 days. Hence, the summary of course registration will be placed before the next meeting of the Senate.

**23.5 Tentative list of students likely to graduate in the year 2013.**

The Senate noted that:

**B.Tech (CSE)**

- 52 students of BTech2009 (including two students of BTech 2008) are eligible to graduate in the year 2013. The list is placed as **Appendix-1**

#### **M.Tech (CSE /IS)**

- 15 Students of MTech2011 are eligible to graduate in 2013. The list is placed as **Appendix-2**

#### **M.Tech (CSE /DE)**

- 18 Students of MTech2011 are likely to graduate in the year 2013. The list is placed as **Appendix-3**

The Senate approved the above.

#### **23.6 Status of admissions:**

Chairman, Senate apprised the Senate of the admissions made to the various academic programmes as detailed in the agenda note. The Registrar, Mr. Ashwani Kumar Kansal clarified and responded to the queries made by some of the members about the BTech admission. After detailed deliberations the Senate expressed satisfaction for successfully completing the various admissions and accepted the newly admitted students.

- **Admission of Foreign Nationals.**

The Senate noted that recommendation is still awaited.

### **FACULTY MATTERS**

#### **23.7 Panel for selection committee:**

Chairman, Senate informed the members of the existing provision in the IIIT-D Statutes for composition of selection committee for faculty selection and the current term of the expert members on the selection committee. After detailed deliberations the Senate approved the following names to be nominated as experts on the selection committee:

1. Prof. Anshul Kumar, IIT Delhi
2. Prof. Prem Kalra, IIT Delhi
3. Prof. Naveen Kumar, IIT Delhi
4. Prof. Shantanu Chaudury, EE, IIT Delhi
5. Prof. Ranjan Bose, EE, IIT Delhi
6. Prof. Sudarshan, IIT Bombay
7. Prof. Pushpak Bhattacharya, IIT Bombay
8. Prof. Dheeraj Sanghi, IIT Kanpur
9. Prof. Mohan Krishnamoorthy, IITB-Monash Research Academy
10. Prof. G. S. Vishweswaran, EE, IIT Delhi



11. Dr. Ravi Kothari, IBM IRL
12. Dr. Gautam Shroff, TCS
13. Prof. Narendra Ahuja, UIUC

The Senate also authorized the Director to add more names, if required, in consultation with the Chairman, Board of Governors.

## **ACADEMIC & STUDENTS MATTERS**

### **23.8 To consider certain issues related to Dual Degree program:**

Chairman Senate apprised the Senate of the issues arising out of implementation of the Dual Degree program. After detailed deliberations it was decided to obtain relevant details from other institutes and work out the operational details for calculating separate CGPA for UG and PG part of the programme. Three approaches were discussed: (i) Count the extra credits done in BTech, but allow transfer of credits (without grades) for MTech, (ii) ask the student which are the extra credits done in BTech which are to be counted towards the MTech – grades of those courses are then not counted in BTech CGPA computation and are included in the MTech transcript, perhaps recorded separately as “credits transferred”, and (iii) list them in both the BTech and MTech transcripts (with suitable special mention in MTech transcript) and they are used in CGPA computation of both.

On the issue of specialization in MTech – if the specialization requirements are met, then the student can apply for specialization as well.

It was also clarified that the dual degree program is for both CSE and ECE.

There was a discussion whether a student can opt for BTech(honors). It was decided that there is nothing stopping a student from doing so – only a note is mentioned in the dual degree regulations disallowing this – that note may be deleted.

### **23.9 To consider a proposal for starting of sponsored part-time MTech program for the employees sponsored by companies, institutions (including IIT-Delhi):**

Chairman, Senate apprised the members of the background of the proposal for starting of part-time M.Tech. programme. After detailed deliberations the Senate approved the proposal with the following guidelines:

- a. The part-time M.Tech. programme will be available to only to working professionals of the industry/organizations approved by the Institute. It may be called “Part Time Program for Working Professionals”.
- b. Initially, a maximum of 5 seats in CSE and 3 seats in ECE program will be available for admission.
- c. The organization must provide a No objection certificate/ sponsorship letter indicating that the person is on their roll and they have no objection to the person doing the part-time MTech.
- d. The fee to be charged will be decided by the institute.

- e. Part-time sponsored candidate can normally register for at most 8 credits in a semester. For more credits, he/she must seek permission.
- f. Selection in this program may use different criteria than what is used for regular candidates. A rolling admission type of approach may also be used, given the nature of such candidates.
- g. Requirements for the degree remain the same.
- h. In the event of the student changing the organization which sponsored/gave No objection at the time of admission, his/her admission shall stand cancelled.
- i. The student must finish the MTech in five (5) years.

### 23.10 Recommendation/Report by PGC:

See Item No. 23.12

### 23.11 Recommendation/Report by UGC:

- (i) Chairperson, UGC informed about the Branch Transfers of one student from CSE to ECE and 11 students from ECE to CSE.

Transfer from CSE to ECE		
Sl.No.	Name	Roll No.
1	Kanishk Rawat	2012047

Transfer from ECE to CSE		
Sl.No.	Name	Roll No.
1	Arushi Jain	2012130
2	Ayush Verma	2012131
3	Garvita Allabadi	2012133
4	Harsh Manocha	2012134
5	Himesh Yadav	2012138
6	Magus Verma	2012141
7	Manya Wadhwa	2012144
8	Shuktika Jain	2012163
9	Shweta Sood	2012164
10	Udayan Tandon	2012167
11	Umang Arora	2012168

It was also informed that two students had withdrawn subsequent to their applications. It was also clarified that in future, once a student is allowed the branch transfer he/she shall not be permitted to go back to his/her previous branch.

- (ii) Dr. Astrid Kiehn, Chairperson of the UGC apprised the Senate of the action taken on the requests of the four students subsequent to the DAC decisions. The recommendations of the UGC are attached as **Appendix-4**. The Senate approved the same.

### **23.12 To consider recommendation for the various Awards/Medals for Graduation for the year 2013:**

- **Best MTech Thesis award:** Sumesh Manjunath R (MT11013).

Chairman, PGC apprised the Senate of the process completed before recommending the above award.

### **23.13 Minor Errors in CGPA calculations done by ERP**

Chairperson, UGC informed that in 16 transcripts issued to graduating students of BTech 2008 the final CGPA printed is not correct due to an error in the ERP implementation. The difference between printed and correct CGPA lies in the range of -0.04 to 0.06 grade points except in one case, in which the difference is 0.18 grade points. The problem cases are given in **Appendix-5**

Cause of error: The CGPA calculation was done via the ERP system. In case that a student failed a course but cleared it later, the CGPA was calculated in ERP by considering the maximum of the grades awarded for this course. In the final year of BTech 2008 BTech projects were introduced which span across at least two semesters. A student could and would register for the same BTP course twice if the same number of credits was taken in two semesters. But in the CGPA calculation the ERP would consider only one of the two courses (with maximum grade) as it applied the repeat rule independently of whether a course had been failed or not. This generated erroneous CGPA values for students taking BTPs. In one case, the wrong CGPA was caused by the repeat of an Independent Project (earlier also not possible).

The general implementation of our repeat rule had not been noticed earlier as up to the final semester of BTech2008 the ERP provided reliably correct CGPAs. Moreover, all SGPAs and the total number of earned credits were shown correctly. The errors have no impact on the degrees already awarded. To avoid any such issue in future, an independent system maintained by IIIT-D will be employed to verify the CGPAs provided by ERP.

After detailed deliberations the Senate decided as follow:

- i) The CGPA of the current batch (B.Tech. 2009) may be got re-checked again independently before issue of the Transcripts.
- ii) For the batch (B.Tech. 2008) the Academic Section will take steps to replace the concerned transcripts with the revised one and will keep the record of both versions of the Transcripts (old + revised) for any future reference.

### **23.14 Issues related to students undergoing internship at STMicroelectronics**

Dr. Kaushik Saha pointed out that about 3-4 students undergoing internship at STMicroelectronics are making requests to allow them to attend the classes at the Institute during internship period on the plea that they are short of credits for the award of degrees. The company is not inclined to agree to their request. After a brief discussion Mr. Kaushik was requested to provide the names of such students and also advise them to contact the Director immediately.

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

**Appendix-1**

<b>BTech (CSE)</b>				
<b>Sl.No.</b>	<b>Roll No.</b>	<b>Name</b>	<b>With Honors?</b>	<b>Date of completion of Graduation requirements</b>
1	2009001	Aadish Gupta	No	21-May-13
2	2009003	Kumar Abhinav Kapoor	No	21-Aug-13
3	2009006	Abhishek Singh	No	21-May-13
4	2009008	Akashdeep	No	21-May-13
5	2009009*	Akshit Nanda *	No	21-Aug-13
6	2009011	Anish Kumar	No	21-Aug-13
7	2009013	Anshul Tayal	No	21-May-13
8	2009014	Anuj Sharma	No	21-May-13
9	2009015	Anupam Singhal	No	21-May-13
10	2009018*	Chirag Gupta *	No	21-Aug-13
11	2009019	Daksha Yadav	Yes	21-May-13
12	2009021	Jatin Kumar	No	21-May-13
13	2009022	Lakshay Gupta	No	21-Aug-13
14	2009023	Lakshay Pandey	No	21-Aug-13
15	2009025	Mayank Pundir	No	21-May-13
16	2009026	Mudita Khurana	No	21-May-13
17	2009027	Naman Kohli	Yes	21-May-13
18	2009028	Naved Alam	No	21-Aug-13
19	2009029	Nikhil Mahajan	No	21-May-13
20	2009030	Nikita Dagar	No	21-May-13
21	2009031	Nishtha Khanna	No	21-May-13
22	2009032	Pranav P Raj		Expected to graduate on 21 December, 2013
23	2009033	Prashant Singh	No	21-May-13
24	2009034	Priyanshi Mittal	No	21-May-13
25	2009035	Raghav Sethi	No	21-May-13
26	2009036	Rahul Bhatnagar	No	21-Aug-13
27	2009038	Ramjot Singh Sandhu	No	21-Aug-13
28	2009039*	Rohit Dixit *	No	21-Aug-13
29	2009040	Rushil Khurana	Yes	21-May-13
30	2009041	Sanchit Garg	No	21-May-13
31	2009042	Saurav Bose	No	21-May-13
32	2009043	Shashwat Goel	No	21-May-13

33	2009044	Shiva Lawaria	No	21-May-13
34	2009047	Surbhi Jain	No	21-May-13
35	2009048	Suvan Raj	No	21-Aug-13
36	2009049	Swetank Kumar Saha	Yes	21-May-13
37	2009050	Tarang Chugh		Expected to graduate on 21 December, 2013
38	2009051	Tarun Vashisth	Yes	21-May-13
39	2009052	Vani Sivasankar	Yes	21-May-13
40	2009053	Varun Gandhi	No	21-May-13
41	2009054	Varun Sachdeva	No	21-May-13
42	2009055	Aayush Jain	Yes	21-May-13
43	2009057	Akash Vanjani	No	21-Aug-13
44	2009058	Mannika Solanki	No	21-May-13
45	2009059	Mehak Soni	No	21-May-13
46	2009062	Sanchit Sharma	No	21-Aug-13
47	2009065	Divya Bansal	No	21-May-13
48	2009066	Saloni Jain	No	21-May-13
49	2009067	Srishty Grover	No	21-May-13
50	2009069	Surabhi Kabra	No	21-May-13
51	2008004	Adesh Verma	No	21-Aug-13
52	2008036	Naman Ladha	No	21-Aug-13

\* Degree to be issued after the convocation as per DAC decision.

### Appendix-2

<b>MTech (CSE) with specialisation in Information Security</b>				
Sl.No.	Roll No.	Name	WITH Specialisation ?	Graduation Date
1	MT11001	Abhishek Kumar	Pending	Expected to graduate on 21 December, 2013
2	MT11002	Arpan Jati	Yes	21-Aug-13
3	MT11003	Arun Kumar Jindal	Yes	21-Aug-13
4	MT11004	Megha Agrawal	Yes	21-May-13
5	MT11005	Monika Singh	Yes	21-May-13
6	MT11006	Piyush Yadav	Yes	21-May-13
7	MT11007	Prachi Jain	Yes	Expected to graduate on 21 December, 2013
8	MT11010	Snigdha Sucharita Samantaray	Yes	21-Aug-13
9	MT11011	Sonia Soubam	Yes	21-May-13
10	MT11012	Srishti Gupta	Yes	Expected to graduate on 21 December, 2013
11	MT11013	Sumesh Manjunath R	Yes	21-May-13
12	MT11014	Tarun Kumar Bansal	Yes	21-Aug-13
13	MT11015	Vartika Srivastava	Yes	21-May-13
14	MT11016	Vidushi Chaudhary	Yes	21-May-13
15	MT11017	Vivekanand	Yes	21-May-13

### Appendix-3

<b>MTech (CSE) with specialisation in Data Engineering</b>
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Sl.No.	Roll No.	Name	WITH Specialisation ?	Date of Graduation
1	MT11018	Abhishek Kumar Singh	Yes	21-May-13
2	MT11019	Aditi Sharma	Yes	21-May-13
3	MT11020	Ankita Likhyan	Yes	21-Aug-13
4	MT11021	Annapurna Samantaray	Yes	21-May-13
5	MT11022	Deepti Azad	Yes	21-May-13
6	MT11023	Kritika Rani	Yes	21-May-13
7	MT11024	Megha Gupta	Yes	21-Aug-13
8	MT11025	Neha Bansal	Yes	21-May-13
9	MT11026	Prabha Rathinam M.	Yes	21-Aug-13
10	MT11027	Radhika Tayal	Yes	21-May-13
11	MT11028	Rahul Mishra	Yes	21-May-13
12	MT11029	Rajeev Kumar	Yes	Expected to graduate on 21 December, 2013
13	MT11030	Satadipa Chakraborty	Yes	21-May-13
14	MT11031	Saurabh Shakyawar	Yes	21-May-13
15	MT11032	Shuchi Mala	Yes	21-Aug-13
16	MT11033	Shruti Sharma	Yes	21-May-13
17	MT11034	Swati Agarwal	Yes	21-May-13
18	MT11035	Vandna Sharma	Yes	21-May-13

#### **Appendix-4**

#### **Recommendations by UGC chair related to the senate's decision in its 22<sup>nd</sup> meeting on 19<sup>th</sup> June 2013 (intoxication cases in the hostel):**

##### **Ashish Rawat (2012027)**

Ashish has completed the first year of his BTech(CSE) program. He was suspended for one semester. Since, the 4<sup>th</sup> semester courses depend on the 3<sup>rd</sup> semester courses a one semester drop would effectively result in a one year drop. It is therefore recommended that he may register for CSE212 (Discrete Mathematics) and CSE231 (Operating Systems) which are prerequisites for 4<sup>th</sup> semester courses. Ashish may further be allowed to register for CSE101 (Introduction to Programming) which he failed in his first semester.

##### **Deepak Wali (2011039)**

Deepak has completed the second year of his BTech(CSE) program. He was suspended for one semester. It is recommended that he may repeat CSE212 (Discrete Mathematics) and CSE201 (Advanced Programming) which he both failed earlier. He may further be allowed to audit CSE231 (Operating Systems) to improve his learning.

##### **Shikhar Singhal (2011102)**

Shikhar has completed the second year of his BTech(CSE) program. He was suspended for two semesters. He may be allowed to audit MTH101 (Math1), CSE212 (Discrete Mathematics) and CSE201 (Advanced Programming) to improve his learning. There is an overlap of half an hour per week of Math101 and CSE212, however, it is assumed that the student would be able to manage this. His grade in MTH101 may later be considered for

grade improvement (up to senate's decision). Shikhar may also be allowed to do a project without credit with a faculty member (willing to supervise) that may lead to a BTP next year.

**Anirudh Chakravorty (2010014)**

Anirudh has completed the third year of his BTech(CSE) program. He was suspended for one semester. Due to his advanced stage in the program he is recommended to do an internship.

All students are further encouraged to complete their CW/SG hours.

Astrid Kiehn (UGC chair), 3 August 2013.

**Senate's request (19 June 2013):**

“However, it was agreed that Chairman, Senate, can work out with UGC chair, suitable approaches to allow the students to be gainfully occupied during this period, so a void is not created (this was one of the main appeals the parents had made to the Chairman.) For example, students may be allowed to repeat the year, repeat some course in which they have a backlog, audit some courses, do some project (without credit), etc.”

**Appendix-5**

**Minor Errors in CGPA calculations of BTech2008 done by ERP**

Roll No.	Name	Existing CGPA	Revised CGPA	Diifference
2008001	Aastha Nigam	9.25	9.24	0.01
2008005	Aman Gupta	7.75	7.71	0.04
2008009	Ankit Sarkar	8.63	8.67	-0.04
2008010	Apoorav Goel	7.26	7.22	0.04
2008013	Atun Singh	6.71	6.67	0.04
2008017	Bhanu Verma	7.73	7.68	0.05
2008018	Charvi Puri	8.51	8.47	0.04
2008019	Dheeraj	7.54	7.56	-0.02
2008024	Harsh Vardhan Atal	6.90	6.72	0.18
2008034	Mohit Rathi	7.47	7.46	0.01
2008039	Prateek Gaur	8.53	8.54	-0.01
2008040	Pratyush Tripathi	7.14	7.11	0.03
2008044	Rajat Vikram Singh	8.08	8.03	0.05
2008047	Saurav Maitra	8.24	8.23	0.01
2008050	Siddharth	8.16	8.1	0.06
2008051	Stuti Ajmani	9.23	9.24	-0.01

**Annexure-II**

### Course Registration for Monsoon 2013

S.No.	Course No.	Course Name	No. of Registrations
1	BIO302	Molecular Biology & Biochemistry	33
2	BIO501	System Biology	7
3	COM101	Communication Skills	171
4	COM201	Critical Reading	37
5	COM301	Technical Communication	132
6	CSE101	Introduction to Programming	175
7	CSE111	Digital Circuits	173
8	CSE121	Discrete Mathematics	144
9	CSE122	Theory of Computation	4
10	CSE131	Systems Management	171
11	CSE201	Advanced Programming	136
12	CSE230	System Administration	8
13	CSE231/ECE531	Operating Systems	135
14	CSE300	Software Engineering	98
15	CSE301/CSE601	Compilers	32
16	CSE327	Algorithms for Discrete Optimization	13
17	CSE340	Image Analysis	67
18	CSE343/CSE543	Machine Learning'	27
19	CSE345/CSE545	Foundations of Computer Security	24
20	CSE503	Program Analysis	55
21	CSE506	Data Mining	57
22	CSE507	Database System Implementation	19
23	CSE511	Computer Architecture	6
24	CSE521	Logic for Computer Science	4
25	CSE524	Theory of Modern Cryptography	8
26	CSE525	Introduction to Graduate Algorithm	45
27	CSE532	Cloud Computing and Visulization	22
28	CSE535	Mobile Computing	66
29	CSE539	Cellular Data Networks	60
30	CSE546	Applied Cryptography	60
31	CSE593C	PVsNP	10
32	CSE609	Statistical Computation	8
33	CSE632	Semantic Web	43
34	CSE640	Collaborative Filtering	36
35	CSE648	PSOSM	37
36	CSE691B	Web Intelligence & Big Data	30
37	CSE693B	STTE	44
38	CSE****	PLBS	10
39	CSE694E	Introduction to Geospatial Data Management	44
40	ECE212	Embedded Logic Design	41



41	ECE221	Linear Circuits	46
42	ECE303	Signals & Systems	40
43	ECE501	Probability & Random Processes	12
44	ECE215	Introduction to VLSI Design	30
45	ECE520	Analog Circuit Design	33
46	ECE540	Fundamentals of Digital Communication	37
47	ECO301	Introduction to Economic Analysis	66
48	ECO303	Economics of Information and IT	25
49	ENT401	Entrepreneurship	24
50	ESC205	Environmental Sciences	86
51	ESC501	Robotics	17
52	HSS203	Introduction to Study of Literature	24
53	HSS205	Introduction to Sociology	46
54	HSS210	History of Indian national Movement	69
55	HSS2011	Theater Appreciation	41
56	MTH100	Math-I	172
57	MTH301	Math-III	54
58	MTH303	Graph Theory	14
59	PHY301	Physics	32
60	CSE528A	Convex Optimization	9

## Merit Criteria

Existing	Proposed
<ol style="list-style-type: none"><li>1. Total marks obtained in either Paper I or Paper II (whichever is highest in terms of % )in JEE Mains 2013 (60% weightage out of a total of 100)</li><li>2. Marks in Class 12<sup>th</sup> or other qualifying exam as given by JEE Mains (40% weightage out of a total of 100)</li><li>3. Addition bonus marks if any.</li></ol>	<ol style="list-style-type: none"><li>1. Total marks obtained in <b>Paper I in JEE Mains 2014</b> (60% weightage out of a total of 100)</li><li>2. Marks Class 12<sup>th</sup> or other qualifying exam as given by JEE Mains (40% weightage out of a total of 100)</li><li>3. Addition bonus marks if any.</li></ol>

## Eligibility

Existing	Proposed
<p>A Candidate who has secured 80 percent or more marks in the aggregate and 80% or more in Mathematics in class XII from CBSE/ICSE/IB board or equivalent is eligible for applying to IIIT-D. This requirement is in addition to the marks obtained in JEE (Main) 2013 and class 12<sup>th</sup> marks.</p> <p>For admission to ECE program, in addition to above, a student must have taken physics as one of the subjects in Class 12<sup>th</sup>. However, if the result of 10+2 is not declared by the last date of applying, the student is not eligible for this year's admission process. If the board has more than five subjects</p>	<p>A Candidate who has secured 80 percent or more marks in the aggregate and 80% or more Mathematics in class XII from CBSE/ICSE/IB board or equivalent is eligible for applying to IIIT-D. This requirement is in addition to the marks obtained in JEE (Main) <b>2014</b> and class 12<sup>th</sup> marks.</p>

<p>for aggregate best five will be taken into account.</p> <p>No Candidate without proof of 80% in aggregate and 80% in Mathematics will be entertained for admission even if he/she qualifies the JEE (Main) 2013.</p>	<p>No Candidate without proof of 80% in aggregate and 80% in Mathematics will be entertained for admission even if he/she qualifies the JEE (Main) 2014.</p>
<p><b>Age Criteria</b></p> <p>A candidate should be less than 25 years of age as on the first October 2013.</p>	<p><b>Age Criteria</b></p> <p>A candidate should be less than 25 years of age as on the first October 2014.</p>
<p><b>Relaxation in eligibility condition for Reserved Categories</b></p> <p>Candidates belonging to the following categories, who apply for seats reserved for them, Shall be allowed a relaxation in the eligibility requirement. The relaxation is applicable both in Mathematics and overall percentage as detailed below:</p> <ul style="list-style-type: none"> <li>• Scheduled Castes (SC) and Scheduled Tribes (ST). A relaxation of 10 percent marks in the eligibility requirement for the seats reserved for them.</li> <li>• Children or Widows of Defence Personnel Killed/Disabled in Action (CW). A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.</li> <li>• Physically Handicapped (PH). A relaxation of 5 percent</li> </ul>	<p><b>Relaxation in eligibility condition for Reserved Categories</b></p> <p>Candidates belonging to the following categories, who apply for seats reserved for them, Shall be allowed a relaxation in the eligibility requirement. The relaxation is applicable both in Mathematics and overall percentage as detailed below:</p> <ul style="list-style-type: none"> <li>• Scheduled Castes (SC) and Scheduled Tribes (ST). A relaxation of 10 percent marks in the eligibility requirement for the seats reserved for them.</li> <li>• OBC, A relaxation of 5 percent marks in the eligibility requirement for the seats reserved for them.</li> <li>• Children or Widows of Defence Personnel Killed/Disabled in Action (CW). A relaxation of 5 percent marks in the eligibility</li> </ul>

marks in the eligibility requirements for the seats reserved for them.

requirements for the seats reserved for them.

- **Persons with Disability (PD)**. A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.

## Reservation

Existing	Proposed
<p><b>Delhi</b></p> <p>SC 15 PH 3 CW 5 OBC 27 KM 01 Supernumerary</p> <p><b>Outside Delhi</b></p> <p>SC 15 ST 7.5 PH 3 CW 5</p> <p><b>Foreign National</b></p> <p>Seats: 10 additional seats are reserved for Foreign/NRI students. The following are eligible for this category: Eligibility: Student should have a foreign passport and valid SAT score and 80 percent or more marks in the aggregate and 80% or more in Mathematics in class XII / or equivalent</p>	<p><b>Delhi</b></p> <p>SC 15 PH 3 CW 5 OBC 27 KM 01 Supernumerary</p> <p><b>Outside Delhi</b></p> <p>SC 15 ST 7.5 PH 3 CW 5 OBC 27</p> <p><b>Foreign National</b></p> <p>Seats: 10 additional seats are reserved for Foreign. The following are eligible for this category: Eligibility: 1. Student should have a foreign passport and valid SAT score 2. Student should have done class XII from outside India and Valid SAT score <b>and</b> 80 percent or more marks in the aggregate and 80% or more in Mathematics in class XII / or equivalent</p>

## **Bonus Marks in BTech Admission in IIIT-Delhi**

In IIIT-Delhi admission, there is a provision of giving up to 10 bonus marks in admission. So far, bonus marks have been given only for Olympiad and Procon Junior winners. The Institute is now broadening the criteria for granting bonus marks to enhance diversity of talent in intake, and to recognize achievements in other areas/contests.

**Guiding Principle.** Bonus marks will be given for demonstrating a high level of achievement in some fields like academics, sports, culture, etc. Only open contests/talent searches at National or State level will be considered, and granting of bonus marks will be based only on certificates of achievement in these contests/talent searches. Broad guideline: 10 marks for the top 50-100 appx students country wide in a category, and 6 marks for the next set of about 250-500 (where this grouping is not possible, E.g. a fellowship like National Talent Scholarship, fixed marks will be given to all.)

### **Criteria for granting bonus marks:**

- Indian National Olympiad in Informatics (INOI), and International Maths Olympiad (IMO):
  - 10 marks if the student was selected for the summer camp for INOI/IMO in the past 2 years; Support Documents needed: Certificate/letter from IARCS/ISI certifying this – IIITD will also verify this directly with IARCS/ISI. (appx 30 students each year in this category in each.)
  - 6 marks if the student qualified ZIO (Zonal Informatics Olympiad) to appear in INOI exam or qualified RMO (Regional Maths Olympiad) to appear in INMO (Indian National Maths Olympiad) in the past 2 years. Support Documents needed: Qualification letter/email to appear in INOI/INMO exam – IIITD will also verify this directly with IARCS/ISI. (Appx 250 students each year in each.)
- Procon Junior programming contest:
  - 10 marks for the winners of last two years (appx 3 each year); Support Documents needed: Certificate/letter from organizers certifying this
  - 6 marks for special mention in last two years (next set of appx 6 to 10 students); Support Documents needed: Certificate/letter from organizers certifying this
- National Talent Search scholarship (appx 1000 given each year)
  - 10 marks (***Q: Or should it be 6 – as the numbers are large***) if a student has won this scholarship in the last 2 years. If a student gets this in a category, then he/she can only be considered in that category. Support Documents needed: Certificate/grant letter
- Sports. If a student has represented a state in any individual or team sports in National Games, under 19 or under 17 category organized by a School Federation of India recognized by Ministry of Youth affairs and Sports, Government of India (Suggested marks: If the individual or team won a Gold/Silver/Bronze medal, then

10 marks; otherwise 6 marks.). Support Documents needed: Certificate of Merit or Certificate of participation issued by School federation of India.

- Chess.
  - 10 marks for those whose FIDE rating is above 1800. (appx. 35 students may qualify this year, with about 20% increase per year); Support document needed: FIDE ID, Self attested printout of list of international rated tournaments played as provided by FIDE through their official website. (Later participation certificates for these tournaments will have to be shown)
  - 8 marks for those whose FIDE rating is below 1800. (appx. 250 students may qualify this year, with about 30% increase per year). Support document needed: Same as above.
  -
- Culture: Student is in receipt of “Scholarship to Young Artistes “given by Ministry of Culture, Government of India, approx. to 400 students (Suggested marks: Winners 10 marks) Support Documents: Scholarship sanction letter and certificate issued by Ministry of Culture, Government of India.
- Culture: Student is in receipt of Scholarship “The Cultural Talent Search Scholarship Scheme” given by Centre for Cultural Resources and Training Autonomous Body under the Aegis of Ministry of Culture, Government of India , approx. to 500 students (Suggested marks: Winners 06 marks) Support Documents : Scholarship sanction letter and certificate issued by Centre for Cultural Resources and Training, Government of India.

**Procedure:** The student will be asked to provide copies of the certificates attested by the Principal of the school from which he/she has completed class XII. A committee will evaluate and assign bonus marks. A student can get bonus marks through only one criteria – if one satisfies multiple criteria, then maximum of the marks for different criterion will be granted. In case of any ambiguity, the committee will take a view and the committee’s decision will be final.

## Regulations for MTech in Electronics and Communication Engineering (ECE)

### Preamble

IIT-Delhi subscribes to the view that a Masters degree is primarily industry-focused, though it can be used as a stepping stone for research as well. And the decision whether the degree is to be pursued for skill and knowledge up-gradation or also for building research skills should rest with the student.

The Institute also feels that to address the needs of the industry, which today requires more specialized manpower as each field is getting more complex, it is desirable to provide specializations within ECE in the MTech program. For specializations, the Institute will offer “MTech in Electronics and Communications Engineering with specialization in <area>”, but will also have an option for the student to do an “MTech in Electronics and Communications Engineering” without any specialization. This note gives requirements for the MTech(ECE) – general requirements for MTech are given in Ordinances and Regulations for the MTech/PhD programs.

### General Requirements

1. A student may be enrolled in “MTech(ECE) with specialization in <area>” or “MTech (ECE)”. Specialization areas are as notified/announced.
2. A student enrolled in a specialization can move to MTech(ECE) at any point by informing suitably. A student can move from MTech(ECE) to a specialization only if permitted by the PG Committee.
3. MTech(ECE) may be done with a thesis, or without a thesis but with a scholarly paper. In both options, students have to do certain amount of course work. In addition, students doing MTech *with thesis* will have to do a thesis. Students in *scholarly paper* option will do instead of a thesis a scholarly paper, and will have to do additional courses.
4. The overall credit requirement for the MTech is 48 credits. Requirements for thesis and scholarly paper options are as follows:
  - a. **MTech with thesis.** 32 credits of course work + 16 credits of thesis. At most 4 credits may be earned by doing 300 and 400 level courses.
  - b. **MTech with Scholarly Paper.** 40 or 44 credits of course work + 8 or 4 credits for a scholarly paper. At most 8 credits may be earned through doing 300 and 400 level courses.

5. For the thesis or the scholarly paper credits, though the student has to register, he/she need not be physically present and can do the work while being outside the Institute.
6. A student admitted to the MTech program will give his/her choice regarding whether he/she wants to pursue the thesis or without thesis option. However, this choice can be changed at any time during the program by suitably informing the PG Committee. Credits earned for scholarly paper or thesis may be counted towards thesis or scholarly paper respectively, if approved by the PGC
7. Each MTech (ECE) student has to satisfy the core course requirement. For a specialization, this requirement is satisfied by completing all the core courses for that specialization. For MTech(ECE) without specialization, this can be satisfied by completing 12 credits from the core courses of any of the specializations.
8. All other courses are electives. In electives, at most 4 credits of “Independent Study” and 4 credits of “Minor Project” can be taken.

## Requirements for Specialization

1. For “MTech in ECE with specialization in < area>” the student must:
  - a. Complete the core courses for the specialization area.
  - b. Complete at least 20 credits of courses in the chosen specialization area, including the core courses (i.e. at least 8 credits more in the area)
  - c. Do his/her thesis/scholarly paper in that specialization area. The advisor will certify this fact.
2. Core courses for the specialization “**Communication and Signal Processing**” are:
  - a. Advanced Signal Processing,
  - b. Digital Communications,
  - c. Probability and Random Processes
3. Core courses for the specialization “**VLSI and Embedded Systems**” are:
  - a. Digital VLSI Design,
  - b. Analog CMOS Design
  - c. Advance Embedded Logic Design
4. The lists of elective courses for each specialization will be specified separately.

### Change History:

Oct 2013: (i) Major change is that bucket structure is replaced with core for each specialization; the core requirement regulation (no 2.7) has been suitably enhanced.. (ii) The scholarly paper credits changed from 8 to “4 or 8” and regulation 2.4 suitably worded. (iii) Regulations 2.1 and 2.2 added to clarify about specialization and movement between specialization and without specialization. (iv) Requirements for specialization clarified.



## **Proposal to start an MTech in ECE with Specialization in Communication and Signal Processing**

**Overview:** This specialization aims to encourage students and working professionals to develop an in-depth knowledge on theoretical as well as practical aspects of modern communications and signal processing systems. The students who enroll in this program will be provided with the specialist knowledge and skill-set needed in this industry and also will be prepared to take an advance level R&D work in academic or industrial environment on this field.

**Area of Application:** The area of application of this program covers wide range of technologies for contemporary communication and signal processing systems. Some of them are listed below.

- Next generation cellular and broadband technologies such as 3G/4G/LTE
- Complex Convex and linear optimization problems
- Wavelets Transforms and their applications
- Computer Vision
- Antenna theory and design
- Multimedia compression and security
- Biomedical signal processing
- Robotics
- Underwater communication
- Space and satellite communication

**Courses in the program:** Students enrolled in the program will be assumed to have the basic understanding of linear algebra, signals and systems, digital and analog communication. Apart from above the students will be assumed to have some proficiency in Matlab programming and C language. Following is a list of courses currently planned to develop the necessary skills as mentioned above in the students selected for the program

### **Core Courses:**

<b>Name</b>	<b>Instructor</b>	<b>Semester</b>
Advance Signal Processing	Angshul Majumdar	Winter
Digital Communication	Vivek Bohara	Monsoon
Probability and Random Process	Sanjit Kaul	Monsoon

### Elective Courses:

Name	Instructor	Semester
Antenna theory and design	Shobha Sundar Ram	Winter
Wireless and cellular communication	Vivek Bohara	Winter
Wireless Ad Hoc Network	Sanjit Kaul	Winter
Convex Optimization	Pravesh Biyani	Monsoon
Wavelet Transform and Applications	Anubha Gupta	Winter
Linear optimization	Saket Anand	Monsoon
Multimedia Compression	A. Subramanyam	Winter
Computer Vision	Saket Anand	Winter

**Career Options after graduating:** After successful completion of this program the graduates will acquire the necessary skill set to be employed in companies that are working on communication and signal processing technologies. The graduates may also wish to pursue PhD or advance level research in well renowned research labs.

Following is a representative list of companies, which will be interested in the students with knowledge of communication and signal processing technologies and hence are potential employers of graduates of this program (in no particular order).

- Research labs
  - Nokia Research
  - Samsung Research
  - Qualcomm Research
  - Philips Research
  - Bell Labs
  - NICT, Japan
  - I2R, Singapore
- Mobile phone
  - Nokia
  - Samsung
  - Sony Ericsson
  - LG
- Telecommunications
  - Ericsson
  - Huawei
  - Tellabs
  - Nokia Siemens Networks
  - Cisco
  - Juniper
  - Alcatel-Lucent
  - Samsung

- Semiconductors
  - NXP Semiconductors
  - Catena
  - Micron Technology
  - ST Microelectronics
  - Tech semiconductors
  
- Wireless
  - AirTight Networks
  - Qualcomm
  - Motorola

## Annexure-VII

ACADEMIC CALENDAR																							
(Winter Semester 2014 w.e.f. 2 January 2014)																							
Week 0 (January)						Week 1 (January)						Week 2 (January)						Week 3 (January)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
		1	2	3	4	6	7	8	9	10	11	13	14	15	16	17	18	20	21	22	23	24	25
		New Year Day	Semester Begins			1st Day of Class		Last day for Late Regn.				Last day for course Add/Drop	Eid										
		H											GH										
Week 4 (January-February)						Week 5 (February)						Week 6 (February)						Week 7 (February)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
27	28	29	30	31	1	3	4	5	6	7	8	10	11	12	13	14	15	17	18	19	20	21	22
Week 8 (February-March)						Week 9 (March)						Week 10 (March)						Week 11 (March) (HOLI BREAK)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
24	25	26	27	28	1	3	4	5	6	7	8	10	11	12	13	14	15	17	18	19	20	21	22
			Dropped GH									Last day for Late Drop						HOLI					
																		GH					
Week 12 (March)						Week 13 (March-April)						Week 14 (April)						Week 15 (April)					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat
24	25	26	27	28	29	31	1	2	3	4	5	7	8	9	10	11	12	14	15	16	17	18	19
				Research Showcase													BTP Submission (13Apr)					Good Friday	
																						GH	
Week 16 (April)						Week 17 (April-May)						Week 18 (May)						TT : Adjusted Days					
Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	Mon	Tue	Wed	Thur	Fri	Sat	21 April (Mon): FRIDAY's Time Table					
21	22	23	24	25	26	28	29	30	1	2	3	5	6	7	8	9	10						
TT-FRI	Last Day of Classes	BTP-presentation	End-Sem Examinations				Demoes / Project						Moderation Meeting		Announcement of Grades (tentative)	Summer Vacation starts							
H: Holidays      GH: Gazetted Holidays																							
1 Jan (Wed)		New Year Day								25 Jan (Sun)		Republic Day								17 Mar (Mon)		Holi	
14 Jan (Tue)		Eid								27 Feb (Thurs)		Maha Shivratri								18 Apr (Fri)		Good Friday	
Summer Vacation : 10th May 2014 onwards																							

## **Minutes for Meeting for ERP Implementation of Dual Degree Programs**

A Meeting of ERP committee and Academic Section was held on 11 Oct 2013, 12:00 Noon in the Director's Conference Room to discuss the ERP implementation issues related to Dual Degree Programs.

It was noted that at present, the following provisions exist in the rules and regulations of IITD.

- Migration from BTech to MTech under Dual Degree Program.
- Migration from MTech to PhD after Ist Year.
- Award of MTech Degree on the way to PhD.

**Regarding Provision 1:** It was recommended that the student migrating from BTech to MTech under the dual degree program, must decide to do so in the 7th semester latest by the last date of add/drop. He/she will be asked after the 8th semester, as to which are the extra credits done in BTech which are to be counted towards the MTech (only credits of PG level courses done in 4th year can be counted towards MTech). The courses so identified will be marked with an Asterisk (\*) in the BTech Transcript, with a footnote stating that they are not counted in BTech CGPA. However in the MTech transcript, these courses will be shown with a heading for course transferred from BTech (followed by courses taken in the 5th year) and will be taken into account for CGPA calculation.

Academic Section will discuss the issue for creation of New Profile in ERP for BTech-MTech Dual Degree Programs where by the student is able to get a separate transcript for BTech and MTech part of Dual Degree Program with ERP people. Also the implementation of above credit transfers from BTech to MTech with suitable notes will be discussed with ERP people. It may also be clarified from ERP people, whether it is feasible to have two sets of records of two different programs running simultaneously with the same roll number.

**Regarding Provision 2:** As per rules, an MTech student can change his/her program to PhD after the first year and continue to do the course/research work to enable him/her to meet the requirements of the PhD degree. The student will be eligible for PhD stipends only from the time he/she enrolls as PhD student. Such a student, for PhD credit requirement, may be treated as if he/she had joined the PhD program from the start of the PG program. The student may be granted an MTech also, provided he/she fulfils requirements for the same. Such a student may also be refunded his/her MTech tuition fee, if he/she successfully completes the PhD program.

Academic Section will discuss the issue for creation of New Profile in ERP for MTech-PhD Dual Degree Programs where by the student is able to get a separate transcript for MTech and PhD part of Dual Degree Program with ERP people. Academic Section will also discuss the issue with ERP people for making provision in the ERP for maintaining the records of courses done for two programs viz MTech and PhD. It may also be clarified from ERP people, whether it is feasible to have two sets of records of two different programs running simultaneously with the same roll number.

**Regarding Provision 3:** As per rules, a student admitted in the PhD program after BTech can get an MTech “on the way” provided he/she completes the requirements for the same. For this:

- Courses done for PhD can count towards the MTech degree.
- Work done in the Scholarly Paper or MTech thesis cannot be included in the PhD thesis.
- A PhD student can apply for an MTech degree only after completing the Comprehensive and after spending at least five semesters in the Institute.
- If a PhD student who gets an MTech and leaves the Institute without completing his/her PhD, he/she will be considered as having changed his program from PhD to MTech (and will have to refund the difference between stipends and fees as per rules).

Academic Section will discuss the issue with ERP people for making provision in the ERP for maintaining the records of courses done for two programs viz PhD and MTech. This will help in implementing the above rules for award of separate degrees on fulfilling the requirements. It may also be clarified from ERP people, whether it is desirable to assign him PhD Roll number in the beginning and allow him to get MTech Degree with the same roll number.