



AGENDA

Nineteenth (19th) Meeting of SENATE of

Indraprastha Institute of Information Technology, Delhi

Date: **23rd August, 2012**

Day: **Thursday**

Time: **02.00 PM**

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

NINETEENTH (19TH) MEETING OF SENATE OF IIT-DELHI

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NINETEENTH (19TH) MEETING OF SENATE OF IIT-DELHI

AGENDA

19.1 Opening remarks of the Chairman

19.2 Confirmation of minutes of the 18th Senate meeting

The minutes of 18th Senate meeting were circulated among the members, which may be considered for confirmation. A copy of the same is placed at **(Annexure 1)**

19.3 Students who will graduate with various degrees after the summer semester **(List as Annexure 2)**

First batch of BTech (CSE) and MTech (CSE) will be awarded degree in the ensuing convocation.

- **Out of 52 students of BTech2008, 48 will be awarded.**

- Two students (Sumit Arora and Arjun Asthana) obtained semester leave during Monsoon 2011 and will be completing the credit requirements during this semester.

- For two students (Kunal Kataria and Naman Ladha) the credit requirement is not complete.

- **Out of 21 students of MTech2010, 20 will be awarded.**

- For one student (Sneha Shukla) the credit requirement is not complete.

19.4 Students admitted to various programs - need to formally accept them into the system: **(List as Annexure 3)**

BTech admission

BTech (CSE) : 120

BTech (ECE) : 51

MTech admission

MTech (CSE) : 62

MTech (ECE) : 20

PhD admission

PhD (CSE) : 05

PhD (ECE) : 04

PhD (sponsored): 02

Direct admission– MTech to PhD: Five MTech (CSE) students (Anupama Aggarwal, Mohona Ghosh, Niharika Sachdeva, Prateek Dewan, Robin Kumar Verma) accepted the offer and have joined PhD program.

Direct admission– BTech to PhD: One of the BTech (CSE) students, Gaurav Goswami accepted the offer and joined the program.

Rolling PhD: Two students (Madhur Hasija and Nipun Batra) joined the program.

19.5 Brief discussion on admissions:

A short presentation/discussion by each of the PhD/MTech/BTech committees on admission.

19.6 List of courses being offered this semester is placed on record as (Annexure 4)

19.7 Convocation plan

The Director has constituted Committee for Convocation with the following members: Dr. Raja Sengupta (PGC Chair), Dr. Astrid Kiehn (UGC Chair), Mr. K.P. Singh (Member Secretary), Mr. Ashwani Kumar Kansal (Registrar), Mr. Hemant Kumar (Faculty-in-charge Student Affairs), Mr. Vivek Tiwari (AM-Academics, Student Affairs).

The detailed plan of the convocation will be tabled in the senate meeting.

19.8 Recommendation for the various awards for graduation: (Annexure 5)

- All Round Performance:
- Best BTP:

19.9 The best MTech thesis award:

PGC chair will table the decision of the committee.

19.10 Outcome of Academic Appeals Committee (AAC):

The recommendation of the AAC is placed as (Annexure 6)

19.11 Students who dropped out/left last semester/Repeaters/Semester Leave

- **Rajat Garg** (2008043) has withdrawn from the institute.
- Four of the BTech2011 batch students (**Aakanksha Singh, Niswarth Sinha, Pranav Jain, Shivangi Mehra**) will be repeating with the newly admitted BTech2012 batch.
- Two students of BTech2009 batch (**Tarang Chug and Pranav Raj**) obtained Semester Leave for Monsoon 2012.

- One student of MTech2011 batch (**Neha Bansal**) obtained Semester Leave for this semester.
- One PhD scholar (**Anuj Shanker Saxena**) also obtained semester leave for Monsoon 2012.

19.12 Recommendations/Reports by UGC:

- **SG/CW change from course to credits done:** Students are required to do 4 credits of SG/CW during their BTech. In the transcript, this is currently dealt with as course work. However, it is very challenging to evaluate the work in the same semester when the work is actually done. It is therefore suggested to mention the credit fulfilment of this requirement simply as a footnote in the transcript.
- Final transcript: add a CGPA conversion into percentage: As many universities and hiring companies require this.
- Transcript format should be approved: a draft is placed as **(Annexure-7)**
- Provisional Degree/Degree format be approved: **(Annexure-8)**

19.13 Recommendations/Reports by PGC:

- For MTech specialisation: Mobile Computing course may be included in Software bucket.
- MTech orientation was held during 8th and 9th Aug, 2012
- PhD Orientation was held on August 9th, 2012
- **Termination of PhD program: Amit Kumar**, PhD2009 batch scholar obtained semester leave for two semesters

19.14 Any other item:

**Minutes of the 18th Senate Meeting of IIIT-D held on April 19, 2012 at 02.00 PM
in Conference Room, IIIT-Delhi, Library Building, NSIT Campus, Sec-3, Dwarka,
New Delhi**

Following members were present:

- Prof. Pankaj Jalote - Chairman
- Dr. Amarjeet Singh - Internal Member
- Dr. Astrid Kiehn - Internal Member
- Dr. Debajyoti Bera - Internal Member
- Dr. Pushpendra Singh - Internal Member
- Dr. Saket Srivastava - Internal Member
- Dr. Somitra Kumar Sanadhya - Internal Member
- Dr. Subhasis Banerjee - Internal Member
- Dr. Vinayak Naik - Internal Member
- Ms. Madhvi Gupta - Student Representative
- Mr. Vivek Tiwari - Secretary

Following members participated via telecon:

- Prof. Dheeraj Sanghi - Member (from IIT Kanpur)
- Prof. Jayanthi Sivaswamy - Member (from IIIT-H)
- Mr. C. Anantaram - Member (from TCS)
- Mr. Sanjay Bahl - Member (from Microsoft)
- Mr. Saugat Sen - Member (from Cadence)

Special Invitees:

- Dr. Raja Sengupta - PGC Chair - IIITD
- Dr. Mohammad S. Hashmi - Faculty – IIITD
- Dr. Srikanta Bedathur - Faculty – IIITD

18.1 Opening remarks of the Chairman

The Chairman extended a warm welcome to all the members to the meeting. The members who could not attend the meeting were granted leave of absence.

18.2 Confirmation of minutes of the 17th Senate meeting

The minutes of 17th Senate meeting were circulated earlier among the members. A small typo was pointed in item no.17.5 - the senate had actually agreed to include in the panel for the selection committee Associate and Full Professors from top 50 universities.

The minutes were accepted with this change.

18.3 For information

The Senate noted the selection committees for faculty selections in Georgia Tech on April 23, 2012, and UCLA on May 2, 2012.

18.4 SG/CW requirement for BTech 2008 Batch

After discussing at length the senate agreed that to keep the spirit of CW/SG, due to the reasons mentioned in the agenda, CW/SG will be considered as necessary for BTech 2009 batch onwards, and optional for the first (2008) batch.

18.5 Leveraging web based delivery for courses

The Senate agreed to the proposal and also suggested that UGC, PGC should build guidelines to keep the mechanism simple and with suitable controls.

18.6 Making name of MTech and PhD consistent with BTech - calling it all CSE

Senate approved to name the MTech and PhD programs in Computer Science be now called as programs in Computer Science and Engineering (CSE).

18.7 Allowing a PhD student to earn MTech on the way

This is approved.

18.8 Some Changes in the BTech (ECE) program

The Senate accepted the changes mentioned in the revised curriculum.

18.9 MTech program in ECE

The Senate approved the proposal.

18.10 MTech (ECE) specialization in VLSI + Embedded Systems and Communications Engineering

The Senate approved the proposal. It was suggested that the course “image processing” does not seem to fit well in this specialization and it may be converted to something like “multimedia processing” to reflect that the course will focus on systems and circuits for processing such signals and data.

18.11 PhD program in ECE

The Senate approved the proposal.

18.12 Status of PhD/MTech (CSE) admissions

The senate noted the same and appreciated the efforts.

18.13 Recommendation/Report by UGC:

- Pre-registration should become part of the academic registration for non-first semester students – The senate agreed to this and suggested that as in IITs, some penalty (say Rs.1000/-) may be imposed if the student does not register his/her preference within the stipulated period.
- with regard to Nikita Dagar, 3rd year student, who has to clear TOC which is not offered in the academic year 2011/2012, UGC suggests that Nikita Dagar may also choose Information Retrieval to replace the failed TOC course: - Senate approved this.
- The final format for BTP reports suggested was accepted with the minor change to delete the word 'original' in the student's declaration.
- The guidelines for exam evaluation were accepted (Annexure-1). UGC may introduce a preamble to the document.
- The procedure for awarding medals to graduating students was approved. The committee structure for Best BTP and MTP thesis were modified to include the representatives from the research groups/MTech domains at IIT Delhi. (Annexure-2)

18.14 Recommendation / Report by PGC:

- As per Annexure-3

18.15 Any other item

Recommendation/Report by UGC

Annexure-1 (of 18th meeting)

Suggested Guidelines for Exam Evaluations (23.04.2012)

The evaluation of an exam is part of the instructor's responsibilities and as such he/she may decide what he/she considers as adequate. However, the following guidelines are strongly recommended to ensure that the TAs' own studies do not suffer due to TA work and to make TAs less subject to pressure from other students.

- It is not desirable that UG TA's take out mid-sem or end-sem exam papers outside the academic area without supervision.
- If UG TAs are used for grading midsem and final exams then it is desirable to take into account their exams and demos.
- In general, it is not desirable to allow TA's to take out any exam papers including quizzes etc. Instructors carry full responsibility in case that some issue occurs in this respect.
- For large exams, the round table paper checking procedure has proven the most efficient: all correctors –instructors, PG and UG TAs, sit at the table and check the paper in “pipe line mode”. Everybody present specializes in checking one particular answer. Upcoming doubts can be cleared straight away, and the entire process of paper checking can be finished in one go.
- Model solutions with step marking ensures uniformity in checking and reduces the instructor time in clarifying doubts.

Awards proposed at IIT-Delhi

(April 2012)

To encourage students, IIT-Delhi will present different award to the students enrolled in different programs.

Chancellor's Gold Medal:

This will be given to only one student of passing batch every year.

Eligibility:

The student with the best academic record and highest CGPA of all the graduating students in the entire B.Tech Program.

Evaluation Process:

- The director will constitute a committee by 15th March of each year.
- The committee will select the one student with highest CGPA across all the programs of passing batch. In case of a tie, student with maximum number of A+ will be selected. The committee will notify the director of its decision by 15th May of the year.
- The selected student will be notified by 30th May of the year.

Medal for all round performance:

This will be given to up to one student in each program for the overall performance in curricular and extracurricular activities.

Eligibility:

Students having CGPA of 8.0 or above are eligible. The institute reserves the right to refuse the award to a student who has been found involved in any case of academic dishonesty.

Evaluation:

A student will be evaluated on parameters of academic performance, research and development activities, extracurricular activities, values, integrity, citizenship, initiatives, and community services etc.

Evaluation Process:

- UGC will form a committee within one week after grade moderation. Initial structure of the committee may comprise of 3 internal faculties, 2 students (non-

- graduating batch) and 1 external faculty. The director can change the structure of the committee. The chair of the committee will be nominated by the director.
- A student can nominate anyone including him/herself.
 - The committee chair may also send requests to other faculty members of the institute for seeking nominations.
 - The nominations will be accepted by 15th April of each year. Part of the nomination is a short write-up justifying it.
 - A nomination form with the details about the activities and claims about the candidate's achievements has to be signed by the candidate and the nominator. For every candidate there be one form, only.
 - The nomination forms without the nominator's name will be made public, before the final selection process. The committee may also request student nominees to verify the claims of nominated students.
 - A student poll, of the graduating batch, will be conducted to take student's input. The student poll results will be made available to the committee. The chair of the committee reserves the right to use the result of the student poll as deemed appropriate.
 - The committee will interact with the candidates for about 10 minutes. As part of this interaction questions may be asked to verify the claims, see presentation skills etc.
 - The committee will evaluate all the nominations by 15th May of each year and submit its recommendation to the director.

Outstanding BTP Award:

This will be given to zero, one, or more (usually not more than two or three) BTPs in each discipline. The BTP award will be given in three categories:

- a) Engineering Project
- b) Research project
- c) Entrepreneurial project

Eligibility:

Any student who has done a BTP with at least an A grade is eligible. The project must be nominated for best BTP project during the semester-end evaluations by the respective evaluation committee.

Evaluation Process:

- UGC will form a committee after the BTP evaluations of each year. The committee will have a faculty members from each research group at IIIT Delhi.
- The chair may also seek inputs from the faculty and students about nominated BTPs.
- The committee will evaluate all the nominations by 15th May of each year and submit its recommendation to the director.

Best M.Tech. Thesis Award:

This will be given to zero, one, or more (usually not more than two or three) M.Tech. thesis in each discipline.

Eligibility:

Any student who has done a M.Tech. thesis is eligible. The thesis must be nominated for best M.Tech. thesis during the thesis evaluation by the respective evaluation committee.

Evaluation Process:

- PGC will form a committee before 14. June of each year. Committee will consist of PGC chair and MTech coordinators.
- The committee chair may also send requests to other faculty members of the institute for seeking nominations.
- The nominations will be accepted until 30. June of each year.
- The committee will evaluate all the nominations no later than one week before the date of convocation and submit its recommendation to the director.

Industry Sponsored Award:

Industries, e.g. TCS, Microsoft, can sponsor awards specific to their criteria.

Report of the PGC for 18th Senate: Synopsis of decisions

Routine PGC Decisions:

1. **Offers for Rolling PhD admission:** Sonal Aggarwal
2. **Discontinuation of PhD student:** Anuda Aggarwal
3. **Approval of semester leave (with conditions):** Amit Kumar (condition: finalize a supervisor located at IIT-Delhi before August 1, 2012)

Other agenda items discussed and approved by PGC:

1. **GATE scholarship (Feb 1st):** It was decided to give GATE scholarship to eligible students. The TAs will also get the same amount of Rs.8000/- per month. Students who have GATE scholarship and are on semester leave, their amount for the leave period will be put on hold and will be released once they register for the next semester.
2. **Graduation and TA awards (Feb 10th):** It was recommended that TAs should be nominated by the instructors as well as analysis of comments by UGC/PGC chair (*see TA Commendation Report for details*). Further, it was decided that only awards for MTech Thesis should be considered (and not for MTech Scholarly Paper). *Update: Faculty Meeting of Feb 29th:* Set deadline for nomination of MTech Thesis as June 30th.
3. **Overseas Research Fellowships (Feb 23rd):** See Appendix A
4. **MTech students limited to a total of 4 credits of Independent Study/Project as part of their degree coursework (April 4th).** This clause will need to be 'grandfathered' and hence applicable only to the MTech batches of 2012 onwards.
5. **Acceptance of cover format of BTP Report approved by UGC for MTech Thesis (April 17th)**
6. **Allowing a PhD student to earn MTech on the way(April 17th):**
A PhD student may be granted an MTech, provided he/she applies for it and fulfils requirements for the same. While the course credits earned during PhD can count towards MTech also, work done for MTech thesis/scholarly paper may not be considered as part of the PhD thesis. No part of methodology and results of the MTech thesis can be used towards the PhD thesis. A PhD student can apply for doing an MTech (while remaining a PhD student) only after passing the comprehensive exam and after completing at least 5 semesters in the PhD program. Further, the supervisor of the student should provide a letter to the PGC chair supporting the application. (An instructor might object to the application as he/she might get too much delayed or distracted from the PhD work by doing the thesis or scholarly paper). If such a student leaves without completing the PhD, he/she may be asked to refund the difference in stipends and tuition fees between PhD and MTech.

Appendix A:

The Overseas Research Fellowships (ORF):

The Overseas Research Fellowships (ORF) are designed to provide all PhD students at IIIT-D with exposure to the International research environment. The goal is to facilitate a visit by the student to do research under the supervision a reputed scholar abroad (with whom their supervisors have collaborative links) and further their understanding of their field. It is also expected that such exposure will help the student in their future academic careers by establishing a foothold in the International research arena. Initiation of joint research with the overseas collaborator and supervisor that leads to publications and/or patents during the period of the fellowship is encouraged. Further, as far as possible, each PhD student is expected to be supported by at least one ORF during their tenure at IIIT-D. Preference will therefore be given to students with an advanced dissertation idea who have not had an earlier opportunity for International exposure.

Procedures for Application for an ORF

All current PhD students in good academic standing can apply for an ORF (3- to 6-month) based on the following procedure:

1. Faculty member nominates PhD student
2. Nominations must be accompanied by:
 - a. Application Form (which must include details of previous IIIT-D ORFs and research related overseas trips)
 - b. 2-page CV
 - c. 2-page research proposal
 - d. Cover letter/email by faculty member
 - e. Letter of support from foreign mentor on institutional letterhead detailing nature of cash and in-kind support (lab space, direct supervision etc.), and also mentioning why the student would be a perfect fit for their lab/research group/institution.

Preference will be given to candidates to visit an external collaborator with strong cash or in-kind support, and actively engaged in dissertation research. Applications will be initially accepted on a rolling basis. Less preference will be given to previous ORF Fellows, or those who have available external funds to support their visit to International collaborators. All ORF fellows must return to the Institute after the completion of their fellowship, for a period equal to the duration of the fellowship. Evaluation of ORF applications will be done by a subcommittee of the PGC.

Automatic Eligibility of PhD students holding external (e.g., TCS, Google) Fellowships:

All External Fellows who are funded for three or more years of their PhD automatically get one ORF on recommendation of the supervisor and acceptance by PGC (if these expenses cannot be covered from any other external).

Annexure-2

Students of 2008 batch who will be awarded BTech (CSE) degree:

Sl.No.	RollNo.	Name
1	2008001	Aastha Nigam
2	2008002	Abhishek
3	2008005	Aman Gupta
4	2008006	Aman Sahni
5	2008007	Amar Parkash
6	2008008	Ankit Kadam
7	2008009	Ankit Sarkar
8	2008010	Apoorav Goel
9	2008013	Arun Singh
10	2008014	Ashish Gupta
11	2008015	Atul Goyal
12	2008016	Avineet Kaur
13	2008017	Bhanu Verma
14	2008018	Charvi Puri
15	2008019	Dheeraj
16	2008020	Divij Wadhawan
17	2008021	Gaurav
18	2008022	Gaurav Goswami
19	2008023	Gaurav Saluja
20	2008024	Harsh Vardhan Atal
21	2008025	Hemank Lamba
22	2008028	Ishita Jain
23	2008029	Kanika Narang
24	2008031	Lakshay Ahuja

Sl.No.	RollNo.	Name
25	2008032	Manish Dahamiwal
26	2008033	Mohammad Masoom Danish
27	2008034	Mohit Rathi
28	2008035	Naman Jain
29	2008037	Nikhil Shekhawat
30	2008039	Prateek Gaur
31	2008040	Pratyush Tripathi
32	2008041	Rahul Gautam
33	2008042	Rahul Gupta
34	2008044	Rajat Vikram Singh
35	2008045	Rohit Kishore
36	2008046	Sandeep Pathak
37	2008047	Saurav Maitra
38	2008049	Shrey Jairath
39	2008050	Siddharth
40	2008051	Stuti Ajmani
41	2008053	Sunpreet Singh Arora
42	2008054	Tanmay Verma
43	2008055	Tanushree Mishra
44	2008056	Tuhinanshu
45	2008057	Vibhas Kumar
46	2008058	Vikas Sangwan
47	2008059	Vivek Verma
48	2008060	Yash Seth

Students of 2010 batch who will be awarded M.Tech. (CSE) degree

M.Tech.2010		
Sl.No.	RollNo.	Name
1	MT10001	Anshu Malhotra
2	MT10002	Anupama Aggarwal
3	MT10003	Anuradha Gupta
4	MT10004	Chandrika Bhardwaj
5	MT10005	Kamini Sharma
6	MT10006	Komal Kochar
7	MT10007	Komal Sachdeva
8	MT10008	Madhuri Siddula
9	MT10009	Madhvi Gupta
10	MT10010	Manasi Sachdeva
11	MT10011	Mohona Ghosh
12	MT10012	Niharika Sachdeva
13	MT10013	Nilesh Sharma
14	MT10014	Prateek Dewan
15	MT10015	Pulkit Mehndiratta
16	MT10016	Ratnala Santosh Kumar
17	MT10017	Robin Kumar Verma
18	MT10018	Sakshi Agrawal
19	MT10020	Vidushi Wanchoo
20	PhD0908	Sangeeta

Annexure-3**List of newly admitted students during AY 2012-13**

BTech 2012 (CSE)						
Sl.No.	IIIT-D Roll No.	Name		Sl.No.	IIIT-D Roll No.	Name
1	2012001	Aakriti Tayal		51	2012051	Kritisha Tandon
2	2012002	Aarushi Chawla		52	2012052	Kundan Kumar
3	2012003	Aarushi Goel		53	2012053	Mahima Malik
4	2012004	Aarushi Karnany		54	2012054	Manan Gakhar
5	2012005	Abhishek Dabas		55	2012055	Mansi Verma
6	2012006	Abhishek Kumar		56	2012056	Mansi Vijh
7	2012007	Abhishek Mohabe		57	2012057	Mayank Verma
8	2012008	Aditya Kumar		58	2012058	Meenakshi S.
9	2012009	Aditya Mishra		59	2012059	Megha Arora
10	2012010	Akanksha Rana		60	2012060	Mohd. Zaid Aslam
11	2012011	Akash Kumar		61	2012061	Mridul Malpotra
12	2012012	Akhil Choudhary		62	2012062	Mrinal Kachhara
13	2012013	Akshay Tomar		63	2012063	Naveen Didhra
14	2012014	Akshima Akshima		64	2012064	Neeraj Kumar
15	2012015	Akshita Anand		65	2012065	Nehal Gulati
16	2012016	Alakh Dhruv Chopra		66	2012066	Niharika Verma
17	2012017	Alankrita Pathak		67	2012067	Pallavi Chhikara
18	2012018	Ananya Harsh Jha		68	2012068	Pankhuri Shrivastava
19	2012019	Anchita Goel		69	2012069	Paridhi Mittal
20	2012020	Anisha Agrawal		70	2012070	Parth Batra
21	2012021	Ankit Mittal		71	2012071	Pawas Chhokra
22	2012022	Anmol Aggarwal		72	2012072	Prabhjot Singh
23	2012023	Archie Gupta		73	2012073	Pranav Chadha
24	2012024	Archit Taneja		74	2012074	Pranav Chhikara
25	2012025	Arman Bansal		75	2012075	Prasant Chidella
26	2012026	Ashish Khatkar		76	2012076	Prashant Singh Bharti
27	2012027	Ashish Rawat		77	2012077	Prateek Singh Lohchubh
28	2012028	Ashwin Mathew		78	2012078	Prateekshit Pandey
29	2012029	Ayush Goel		79	2012079	Preeti Singh
30	2012030	Ayush Mittal		80	2012080	Priya Chaudhary
31	2012031	Chaitanya Kumar		81	2012081	Priyanka Yadav
32	2012032	Danish Goel		82	2012082	Pulkit Arora
33	2012033	Deepali Krishnani		83	2012083	Pulkit Manocha
34	2012034	Devyani Rohilla		84	2012084	Rishi Bajjal
35	2012035	Ekampreet Singh Kalsy		85	2012085	Ritwik Shokeen

36	2012036	Gaurav Rajan
37	2012037	Geetali Tyagi
38	2012038	Hardik Choudhary
39	2012039	Harkirat Singh Lamba
40	2012040	Harsh Vaibhav
41	2012041	Ishan Manjani
42	2012042	Ishita Ahlawat
43	2012043	Jasmine Kaur
44	2012044	Juhi Jetwani
45	2012045	Jyoti Gangwar
46	2012046	Jyotsana
47	2012047	Kanishk Rawat
48	2012048	Kaushik Barman
49	2012049	Khushboo Mandal
50	2012050	Kriti Pandey
101	2012101	Shubham Singh
102	2012102	Shubhankar Singh
103	2012103	Shubhorup Biswas
104	2012104	Siddhartho Das
105	2012105	Simranjit Kaur Bakshi
106	2012106	Sonia Dalal
107	2012107	Srishty Saha
108	2012108	Sukrit Kalra
109	2012109	Suraj Rana
110	2012110	Sushil Bharti

86	2012086	Rohan Katyal
87	2012087	Rohan Kumar
88	2012088	Sarthak Ahuja
89	2012089	Saumya Jain
90	2012090	Saumya Prasad
91	2012091	Shagun Beniwal
92	2012092	Shantanu Goel
93	2012093	Shashank Gautam
94	2012094	Shikha Madaan
95	2012095	Shiv Kandikuppa
96	2012096	Shivendra Vikram Srinet
97	2012097	Shrey Shashank
98	2012098	Shrey Gupta
99	2012099	Shreya
100	2012100	Shreya Kumar
111	2012111	Talha Ahmad Siddiqui
112	2012112	Tarun Verma
113	2012113	Tavneet Singh
114	2012114	Udai Chopra
115	2012115	Vaibhav Gosain
116	2012116	Varnika Singh
117	2012117	Vedanshi Kataria
118	2012118	Vedant Das Swain
119	2012119	Vinita Chaudhary
120	2012120	Vivek Raj

BTech 2012 (ECE)

1	2012121	Abhinav Aggarwal
2	2012122	Abhinav Jadon
3	2012123	Abhishek Kumar
4	2012124	Aditya Kumar
5	2012125	Ajay Pratap Yadav
6	2012126	Akshay Punhani
7	2012127	Aman Singhal
8	2012128	Ankush Jolly
9	2012129	Arindam Chugh
10	2012130	Arushi Jain
11	2012131	Ayush Verma
12	2012132	Bavneet Singh
13	2012133	Garvita Allabadi
14	2012134	Harsh Manocha
15	2012135	Harsh Solanki

26	2012146	Mukul Gupta
27	2012147	Nikita Singh
28	2012148	Prafful Bansal
29	2012149	Prateek Singh
30	2012150	Pulkit Kumar Gupta
31	2012151	Purnima Singh
32	2012152	Raghav Anand
33	2012153	Raghav Sehgal
34	2012154	Rajat Ruhaan
35	2012155	Rajat Kashyap
36	2012156	Sanchit Kumar Agarwal
37	2012157	Sankalp Mehar
38	2012158	Saumya Nagpal
39	2012159	Shikhar Agarwal
40	2012160	Shreya Singh

16	2012136	Harsh Vardhan Jaiswal
17	2012137	Himanshu Singh
18	2012138	Himesh Yadav
19	2012139	Inderdeep Singh
20	2012140	Kani Garg
21	2012141	Magus Verma
22	2012142	Manish Kumar
23	2012143	Mansi Panwar
24	2012144	Manya Wadhwa
25	2012145	Mimansa Som

41	2012161	Shubham Kaul
42	2012162	Shubham Verma
43	2012163	Shuktika Jain
44	2012164	Shweta Sood
45	2012165	Siddhant Verma
46	2012166	Subhradeep Sahana
47	2012167	Udayan Tandon
48	2012168	Umang Arora
49	2012169	Vipul Panwar
50	2012170	Vishal Kumar
51	2012171	Yash Pal Singh

MTech2012 (CSE)

(Information Security)

S.No.	IIT-D Roll No.	first name	last name
1	MT12001	Aakarsha	Agarwal
2	MT12002	Abhishek	Kumar
3	MT12003	Adarsh	Agarwal
4	MT12004	Aritra	Dhar
5	MT12005	Himanshu	Gupta
6	MT12006	Karishma	Chug
7	MT12007	Muhammed	Noufal K
8	MT12008	Narayana	Reddy Y
9	MT12009	Neha	Gupta
10	MT12010	Nikita	Jain
11	MT12011	Nipun	Bansal
12	MT12012	Nisha	Aggarwal
13	MT12013	Nishant	Sharma
14	MT12014	Parikshit	Maini
15	MT12015	Prateek	Sharma
16	MT12016	Rashi	Garg
17	MT12017	Rohit	Jain
18	MT12018	Sandipan	Biswas
19	MT12019	Shaifali	Gupta
20	MT12020	Siddharth	Dawar
21	MT12021	Vishesh	Narwal

(Data Engineering)

S.No.	IIT-D Roll No.	first name	last name
1	MT12030	Aayushee	Gupta
2	MT12031	Abhishek	Bhola
3	MT12032	Akanksha	Gupta
4	MT12033	Ambreen	Bashir
5	MT12034	Aniya	Aggarwal
6	MT12035	Anuj	Rajani
7	MT12036	Apeksha	Aggarwal
8	MT12037	Gajendra	Ranjit Waghmare
9	MT12038	Ganesh	Ghongane
10	MT12039	Parveen	Arora
11	MT12040	Kongara	Amani
12	MT12041	Krishan	Arya
13	MT12042	Lovey	Agrawal
14	MT12043	Megha	Mittal
15	MT12044	Pankaj	Sahu
16	MT12045	Preeti	Mittal
17	MT12046	Priya	J N Singh
18	MT12047	Ritika	Jain
19	MT12048	Sakshi	Tiwari
20	MT12049	Shilpa	Garg
21	MT12050	Shilpi	Jain
22	MT12051	Sudeep	Gupta

(Mobile Computing)

1	MT12060	Akshi	
2	MT12061	Alvika	Gautam
3	MT12062	Amit	
4	MT12063	Anil	Sharma
5	MT12064	Deepika	
6	MT12065	Garvita	Bajaj
7	MT12066	Kanika	Tanwar
8	MT12067	Milan	Jain
9	MT12068	Mridula	Singh
10	MT12069	Nishtha	Ahuja
11	MT12070	Prateek	Jassal
12	MT12071	Priyanka	Singh
13	MT12072	Rohit	Romley
14	MT12073	Roshni	Neogy
15	MT12074	Samit	Anwer
16	MT12075	Shailja	Thakur
17	MT12076	Stuti	Jain
18	MT12077	Tarun	Gupta

MTech2012 (ECE)		
Sl.No.	Roll. No.	Name
1	MT12091	Amit Kumar Goyal
2	MT12092	Ankita Shukla
3	MT12093	Divyam Virmani
4	MT12094	Gade Narayana Sri Harsha
5	MT12095	Kumar Abhishek
6	MT12096	Mir Mohsina
7	MT12097	Namrata Dwivedi
8	MT12098	Neeraj Kumar
9	MT12099	Pranay Samanta
10	MT12100	Rahul Kumar shah
11	MT12101	Rohan Sinha
12	MT12102	Rohit Jain
13	MT12103	Samta Jhingan
14	MT12104	Shubha Sharma
15	MT12105	Sidhartha Sankar Rout
16	MT12106	Srikrishna Acharya B
17	MT12107	Supratim Das
18	MT12108	Swatilekha Majumdar
19	MT12109	Vijender Kumar Sharma
20	MT12110	Vinod Kumar Singh

PhD 2012 (CSE & ECE)

FIRST NAME	LAST NAME
Dipto	Sarkar
Hemant	Aggarwal
Monalisa	Jena
Monika	Gupta
Sweta	Mishra
Jayaprakash	Govindaraja
Sathish	V
Aijaz	Zaidi
Rakhi	Hemani
Varsha	Maheshwari
Sonal	Aggarwal

List of UG/PG Courses offered in Monsoon Semester 2012

for BTech 2012

CSE111: Digital Circuits (Prof Biswas (Visiting Faculty))

CSE101: Introduction to Programming (Dr Gaurav Gupta)

Math100: Mathematics I (Anurag Sihai (Guest Faculty))

CSE131: System Management (Dr Amarjeet Singh)

COM101: Communication Skills (Rekha Shorey, K. M. Pathi (Guest Faculty))

for BTech 2011

CSE231: Operating Systems (Dr Pushpendra Singh)

CSE201: Advanced Programming (Dr Srikanta Bedathur)

CSE121: Discrete Mathematics (Dr Astrid Kiehn)

ESC201: Transducers and Signal Conditioning (Girisha Garg (Guest Faculty))

ESC202: Digital Communication (Dr Gangadharappa (Guest Faculty))

ESC205: Environmental Sciences (Dr Pankaj Mehta (Guest Faculty))

COM201: Critical Reading (Páarul Tyagi/ K. M. Pathi Guest Faculty))

for BTech 2010 and Btech2009, PG

CSE300: Software Engineering (Dr Ashish Sureka)

CSE546: Applied Cryptography (Dr Somitra Sandhya)

CSE511/ECE511: Computer Architecture (Dr Subhasis Banerjee)

CSE310/ECE510: Digital Hardware Design (Dr Saket Srivastava)

CSE535: Mobile Computing (Dr Vinayak Naik)

CSE345/CSE545: Foundations of Computer Security (Dr Gaurav Gupta)

CSE343/543: Machine Learning (Dr Richa Singh)

CSE320/520: Advanced Algorithms (Dr Debajyoti Bera)

CSE340/540: Image Analysis (Dr Mayank Vatsa)

CSE694E: Geospatial Data Management (Dr Raja Sengupta)

CSE501: Designing Human-Centered Systems (Dr Ponnurangam Kumaraguru)

CSE506: Data Mining (Dr Anirban Mondal)

CSE694D: Privacy in Location-based Services (Dr Vikram Goyal)

CSE507: Database Systems Implementation (Dr Vikram Goyal)

CSE648: Privacy and Security in Online Social Media (Dr. Ponnurangam Kumaraguru)

CSE649 Network Protocol Security (Dr Hrishikesh Acharya)

CSE693A: Logic Programming and Learning (Dr Ashwin Srinivasan)

CSE620: Theory and Practice of Cryptography (Dr Donghoon Chang)

ECE512: Introduction to VLSI Design (Dr Sujay Deb)

ECE501: Probability and Random Processes (Dr Sanjit Kaul)

ECE520: Analog Circuit Design (Dr Mohammad S. Hashmi)

ECE531: Operating Systems (Dr Vinayak Naik)

BIO501: Systems Biology (Dr Sriram K)

ECO301: Introduction to Economic Analysis (Dr Shreemoy Mishra)

ECO303: Economics in Information and IT (Dr Shreemoy Mishra)

PHY301: Physics (Dr Chopra (Guest Faculty))

ENT401: Entrepreneurship (Hemant Kumar (Visiting Faculty))

Medals for BTech students graduating 2012

Selected Student for the All Round Performance Medal

The committee met for selecting the best all round performer of the BTech 2008 batch on 14. May 2012. After due deliberation the committee suggests to give the **all round performance medal** to **Ishita Jain**.

From her first year onwards Ishita Jain showed initiatives and took up responsibilities which she always pursued wholeheartedly and with high sincerity. She was the first cultural secretary of IIT-D and as such she started the music club, organized SPIC MACAY events and the first Get-to-Gather. She was the treasurer in the ACM IIT-D student chapter body and organized the opening ceremony of ESYA 2011. She was a student representative of her batch in the academic year 2011/2012. As a student council member she was the student representative in DAC and the senate. She was very actively participating in cultural and sportive events where she won several prizes within and outside IIT-D. Two summers she spent teaching school children. All in all the committee appreciated the diversity of her activities which she always pursued with full involvement and a high sense of responsibility, and the fact that she still was able to keep a good academic record.

Committee Members: Astrid Kiehn (chair), Hemant Kumar, Vikram Goyal
External Committee Member: Veena Bansal (IIT Kanpur, via skype),
Students: Divya Bansal (BTech2009), Kuldeep Yadav (PhD)

Selected Students for the Best BTech Project Medal

The committee met for selecting the best BTP in the engineering and research track on 09. May 2012.

All the projects were presented and all students involved took part in their BTP presentation.

The committee evaluated the BTPs based on the effort put in by the students, the complexity & completeness of the work, the quality of the presentation and the understanding of the students shown in the question & answer part, the impact to society & environment (for the engineering track), and the embedding into related work/background knowledge (for the research track).

The following BTPs had been nominated by the evaluation committees:

Engineering Track:

- Vibhas Kumar & Shrey Jairath: Merging Online and Offline Communication Platforms (12 credits)
- Ankit Kadam & Manish Dahamiwal: Smarter Room (12 credits)

- Gaurav Saluja: Development of new mobile banking authentication scheme (12 credits)

Research Track:

- Ankit Sarkar: Device Characterisation (8 credits)
- Sunpreet Arora: Improvising Iris Recognition under Constrained Environments (12 credits)

After due deliberation the committee suggests to give the **best BTP medal in the engineering track** to Ankit Kadam & Manish Dahamiwal. The committee was impressed by how the students were able to integrate different hardware components into a middleware and software, to, finally, develop a well-functioning prototype of a smarter room. The system can be deployed to monitor energy consumption in buildings, and, thus, can play an important role in the reduction of energy consumption. The project was supervised by Amarjeet Singh, Vinayak Naik and Pushpendra Singh.

The committee further proposes not to award a **best BTP medal in the research track** as both the nominated BTPs were intensive in data experiments while the actual research component was less.

Committee Members: Ashish Sureka, Astrid Kiehn (chair), Saket Srivasthava, Soshant Bali, Subhasis Banerjee, Vikram Goyal

Academic Appeals Committee, August 2012

members: Amarjeet Singh, Astrid Kiehn, RN Biswas, Gaurav Gupta, student rep.

- Appeal by **Pranav Jain (2011075)** to get transferred the SM credit of the first semester into the repeat year. He had received an A grade then and would like to be able to focus on the other courses.

Recommendation by AAC: approved.

- Appeal by **Bhawna Singh (2011035)** to be allowed to register for a ESC course without having cleared PS.

Recommendation by AAC: She has been advised to register for Environmental Sciences.

- Appeal by **Abhishek Singh (2011008)** to clear CO and EC next semester.

Recommendation by AAC: The appeal applies for next semester courses, only, but it was observed that students having failed EC last semester need to be given a directive how to make up for this course. As per current planning EC will not be floated next semester.

- Appeals to be allowed to register for an underload by **Mehak Soni (2009059)**, **Mayank Pundir (2009025)** and **Sumit Arora (2008052)**. The former two both want to prepare for GRE/higher studies and focus on placements. They would be able to complete the missing credits in the final semester. Sumit has only 8 credits left to clear. He further requested to allow him to register for 6 credits of CSE/Math credits, only.

Recommendations by AAC: The underload was approved for all the three students. All of them have to do at least 8 credits of CSE/Math credits.

Transcript**Name:** ABC**Program:** BTech - CSE**Roll No.:** 2008XXX

Semester	Code	Title of the Course	Credit	Grade	SGPA	CGPA
Monsoon 2008	COM101	Communication Skills	4	A		
	CSE101	Introduction to Programming	4	B		
	CSE111	Digital Circuits	4	B		
	CSE121	Discrete Mathematics	4	B	8.50	8.50
Winter 2009	CSE102	Data Structures and Algorithms	4	A		
	CSE112	Computer Organisation	4	C		
	CSE122	Theory of Computation	4	D		
	CSE131-1	System Management	2	A		
	HSS101	Technology and Society	4	A	7.78	8.12
Monsoon 2009	COM201-1	Critical Reading	2	A-		
	CSE201	Advanced Programming	4	B		
	CSE231	Operating Systems	4	A-		
	ESC201	Transducer And Signal Conditioning	4	C		
	MTH201	Probability and Statistics	4	B	7.89	8.04
Winter 2010	CSE202	Fundamentals of Database Systems	4	B		
	CSE222	Analysis and Design of Algorithms	4	B-		
	CSE232	Computer Networks	4	A		
	ESC202	Digital Communication	4	C-		
	HSS201	Research Methods	4	A	8.00	8.03
Summer Term 2010	MSC492	Community Work	2	S		
Monsoon 2010	CSE300	Software Engineering	4	A		
	CSE345	Foundations of Computer Security	4	B		
	CSE505	Information Integration and Data Analytics	4	A-		
	CSE535	Mobile Computing	4	A-		
	CSE540	Image Analysis	4	A		
	MTH101	Linear Algebra and Advanced Calculus	4	D	8.33	8.10

(Back side)

Winter 2011	COM301	Technical Communication	4	A		
	CSE342	Pattern Recognition	4	B		
	CSE343	Machine Learning	4	A-		
	CSE508	Information Retrieval	4	B		
	CSE645	Digital and Cyber Forensic	4	A	9.00	8.26
Summer Term 2011	MSC482	Self Growth	2	S		
Monsoon 2011	CSE398	Independent Study	4	A		
	CSE499	BTech Project	4	A		
	CSE500	Secure Coding	4	A		
	CSE647	Mobile and Cellular Network Security	4	A-		
	CSE694C	Privacy and Security in Online Social Media	2	A		
	CSE694D	Privacy in Location Based Services	2	A-	9.70	8.47
Winter 2012	CSE499	BTech Project	4	A		
	CSE539	Cellular Data Networks	4	A		
	ENV301	The Earth System: An Environmental Science Perspective	4	A		
	HSS202	Perspectives on Knowledge	4	A		
	HSS207	Human Values and Professional Ethics	4	A	10.00	8.63

Authorized Signature and Seal

Grading Scheme

Letter Grade	Grade Points	Remarks
A+ (Outstanding)	10	Letter grades A+ to F and I are given only in the regular courses. This grading scheme is effectively A to F; A+ is only to recognize excellent performers in a course – it has same points as A.
A (Very Good)	10	
A –	9	
B (Good)	8	
B –	7	
C (Satisfactory)	6	
C –	5	
D (Marginal)	4	
F (Fail)	2	
I (Incomplete)	Nil	I grade must be converted to one of the letter grade (A to F) as per the academic calendar.
W (Withdrawn)	Nil	Late drop of a course
S (Satisfactory)	Nil	<i>S and X are grades for only certain kinds of courses. They are not incorporated in SGPA/CGPA calculation.</i>
X (Unsatisfactory)	Nil	

The semester performance is indicated by a **Semester Grade Point Average (SGPA)**.

The overall performance is indicated by a **Cumulative Grade Point Average (CGPA)**.

Provisional Degree

This is to certify that **Mr./Ms.** _____ (Roll.No.2008xxx) has successfully completed all the requirements for the degree of **Bachelor of Technology in Computer Science and Engineering** of this university in month & year. He/She shall be awarded the degree in the ensuing annual convocation.

Dated:

Authorised Signatory & Seal