



AGENDA

Twenty-Eighth (28th) Meeting of SENATE of

Indraprastha Institute of Information Technology Delhi

Date: **30 December, 2014**

Day: **Tuesday**

Time: **03.00 PM**

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

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TWENTY-EIGHTH (28th) MEETING OF SENATE OF IIIT-DELHI

AGENDA

28.1 Opening remarks of the Chairman.

28.2 Confirmation of minutes of the 27th meeting of the Senate held on 20th August, 2014.

The minutes of the 27th 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 at **Annexure-I, P-12-36.**

ACTION TAKEN REPORT

28.3 To report modification of B.Tech. CSE (Regulation)

Existing B.Tech.(CSE) regulation has been modified by clearly stating the program objectives. A copy of the modified Regulation approved by the Chairman, Senate is placed at **Annexure-II, P 37-41** . Senate may kindly ratify the approval accorded by the Chairman, Senate.

ACADEMIC & STUDENTS MATTERS

28.4 To review the Admission Criterion for BTech 2015 Batch

It is proposed to continue the same admission and eligibility criterion for BTech 2015 batch as detailed in **Annexure-III P-42-43.**

Increase in the number of seats & Distribution:

It is proposed to add 10 more seats in the UG intake. As ECE is increasing it is important to have a final batch size of 60 (after branch change). Accordingly, the following distribution of seats among the two disciplines is proposed:

| Discipline | Existing | Revised |
|-------------------|-----------------|----------------|
| CSE | 120 | 110 |
| ECE | 50 | 70 |

In addition DASA will have 10 supernumerary seats, as last year.

Senate may kindly consider and approve the above proposal.

28.5 To review the Bonus Marks for BTech Admissions 2015

Bonus Marks to be given to the candidates for B.Tech. admission 2015 (**will be placed on the table**). It is also proposed to consider adding Kishore Vaigyanik Protsahan Yojana (KVPY) in the Bonus scheme from the admission year 2015.

The Kishore Vaigyanik Protsahan Yojana (KVPY) is an on-going National Program of Fellowship in Basic Sciences, initiated and funded by the Department of Science and Technology, Government of India, to attract exceptionally highly motivated students for pursuing basic science courses and research career in science.

Selection of the students is made from those studying in XI standard to 1st year of any undergraduate Program in Basic Sciences namely B.Sc./B.S./B.Stat./B.Math./Int. M.Sc./M.S. in Mathematics, Physics, Chemistry and Biology having aptitude for scientific research. Special groups / Committees are set up at IISc to screen the applications and conduct an aptitude test at various centres in the country. Based on the performance in the aptitude test, short-listed students are called for an interview which is the final stage of the selection procedure. For receiving a fellowship, both aptitude test and interview marks are considered.

Senate may kindly consider and approve the above proposal.

28.6 Approval of Academic Calendar for Winter Semester 2015

Academic calendar for Winter Semester, 2015 **Annexure-IV P-44.**

28.7 To consider a proposal to introduce Refresher Modules for incoming M.Tech. students using MOOC courses for Independent Study.

Most incoming M.Tech. students in IIIT-D are not fully prepared for the Masters program. This is the situation in IITs also, though the problem IIIT-D faces is more severe due to best students joining IITs. It will greatly help if there is a “refresher program” done for incoming students to prepare them better for the M.Tech. program.

Keeping the above in view, it is proposed to offer a few refresher modules of about 4 week duration, each of 2 credits, during the summer. These will be labelled as 200 level courses, and will be in important foundational subjects in which students generally are weak. M.Tech. students will be required to do two refresher modules. As they are 200 level, these are extra credits, and will not count towards M.Tech. credit requirement, and

the grades, while shown in the transcript, will not count towards the CGPA calculation for the M.Tech.

Most students are expected to take their 4 credits during the summer. However, for those students who join late and are not able to do these, they will have to do these modules as “self study” modules during the first semester. As these are remedial courses, for those students who are assessed to have sufficient background, this requirement may be waived. Suitable methods for determining the background for waiver will be evolved.

Senate may kindly consider and approve the above proposal.

28.8 To consider modification of the existing regulation No. 15 (12) a. regarding issue of provisional certificate to Ph.D. students

PG Regulation 15 (12) a. regarding issue of provisional certificate to Ph.D. students provides as under:

“Upon acceptance of the revised thesis by the PG committee, the academic senate may recommend the award of the PhD degree to the student. After this recommendation, while pending the actual award of the degree in a regular convocation of the Institute, **a provisional certificate may be granted by the Dean, Academic Affairs.**”

It may be mentioned that the Senate at its 26th meeting held on 25th June,2014 had considered the matter regarding issue of Provisional Certificate to M.Tech. students and approved the modification of existing regulation No.14 (7) as under:

Upon a satisfactory report from the Dean, Academic Affairs, the Academic Senate may recommend the award of the **MTech** degree to the student. While pending the actual award of the degree in a regular convocation of the Institute, the Dean of Academic Affairs may authorize the Registrar to issue a provisional certificate to a student who completes the requirements for graduation.

It was also decided that the above provision may be added in the UG regulation for **B.Tech.** students

In order to have similar provision for **Ph.D.** students it is proposed to modify the above PG regulation No. 15 (12) a., as under:

Upon acceptance of the revised thesis by the PG committee, the Chairman, Senate may recommend the award of the PhD degree to the student. While pending the actual award of the degree in a regular convocation of the Institute, the Chairman, Senate may also authorize the Registrar to issue a provisional certificate to a student who completes the requirements for graduation.

Senate may kindly consider and approve the above proposal.

28.9 To consider a proposal to allow the students to take approved coursera/edx/... courses as IS in any semester including summer semester.

There is a need to encourage students to use the wealth of courses available online. Currently these courses are not being used within education programs, and as an Institute we are not able to leverage this vast resource.

Students are allowed to take online courses as independent study (IS). However, as IS is treated like a regular course, each IS requires a faculty adviser who has to do proper assessment to assign a grade. Due to this, faculty have little interest in guiding IS. (The data also indicates that very few BTech students do IS.)

It is proposed to allow approved Coursera/edx/... courses to be taken as IS, in which the final grade is S/X, which is given based on certification/performance data from the online course provider (most online courses provide records of performance in various assignments, and also provide some final certificate of completion.) Normally, to be on the safer side, a 8 week type of course may be given 2 credits. As with IS, a student may enroll in this IS in any semester, including the summer semester.

Senate may kindly consider and approve the above proposal.

28.10 To consider modifications in the existing PG Regulations for handling special requirements of different disciplines.

In order to handle special requirements of different disciplines (CSE & ECE) some modifications are proposed to be made in the existing PG Regulations as per details given in [Annexure-V-45-47](#)

Senate may kindly consider and approve the proposed modifications.

28.11 Presentation and discussion on B.Tech. (CSE) program review and current suggestions.

Chairman, Senate will present this item at the time of the meeting.

ITEMS FOR INFORMATION

28.12 No. of Courses taught in Monsoon 2014 and number of Students Registered in each Course.

No. of Courses taught in Monsoon 2014 and number of students registered in each Course is placed at [Annexure-VI, P-48-49](#)

28.13 Total Number of Late Drops for Monsoon 2014

The details of Add Drops and Late Drops for Monsoon 2014 is placed at **Annexure-VII, P-50-51.**

28.14 Approval from AICTE

We have applied for approval of AICTE for change of site, two additional PG programs i.e. M.Tech. in Mobile Computing and M.Tech. in ECE (VLSI) and extension of approval of the existing programs for the year 2014-15. The expert committees have visited the permanent campus twice and the approval from AICTE is still awaited.

28.15 Application for NAAC Accreditation

SSR Report of IIIT-D for NAAC Accreditation has been submitted. The report has also been uploaded on the website. The Expert Committee is expected to visit the campus in January/February, 2015.

28.16 Application for NBA Accreditation

Approval from NBA has been received for online submission of e-SAR up to 3.2.2015. The e-SAR document is currently under preparation for uploading on the NBA website.

28.17 Status of Writ Petition (C) No. 3858/2014 filed by Mr. Madhur Hasija, Ph.D. student

Mr. Madhur Hasija had filed a Writ Petition (C) No.3026/2014 seeking order for allowing him to continue PhD Program and payment of scholarship. In the hearing held on 15.5.2014 he withdrew his writ petition with the liberty from the Hon'ble High court to make a request to IIITD to change the mentor. Subsequently, he made an application to the Director for change of his Ph.D. mentor. Since his progress in the two reviews were poor, his request was not agreed to. Thereafter he filed another Writ Petition (C) No. 3858/2014 requesting for similar relief. The matter came up for hearing before a Vacation Judge on 4 June 2014. The Hon'ble Delhi High court allowed him to continue as Ph.D. student till next date of hearing i.e. 3.7.2014. Subsequently, on the requests of the Counsel of the Petitioner the hearings were adjourned to 1st October, 2014 and 2nd December, 2014. On 2nd December, 2014, the Hon'ble High Court has finally disposed of the matter and passed the following orders:

“After some arguments, Mr. Aditya Madan, learned counsel for petitioner states that petitioner would like to search for a new Mentor.

Mr. Arjun Mitra, learned counsel for respondents states that petitioner does not require any ?No Objection Certificate? from the respondent No.2 prior to the change of Mentor.

It is clarified that petitioner is at liberty to search for a new Mentor.

With the aforesaid observation and liberty, present writ petition and application are disposed of.

The interim order dated 04th June, 2014 shall continue for a period of six weeks. In the event, petitioner is not able to find a new Mentor within the aforesaid stipulated period, the interim order dated 04th June, 2014 shall cease to operate and the petitioner shall have to shift to M.Tech. Course.”

28.18 To ratify the decision taken by Chairman Senate for Award of PhD Degree

Chairman Senate has approved the PhD Thesis Defense (Viva Voce) report of Mr Denzil Correa on behalf of the Senate. The Senate is requested to ratify the decision taken by Chairman Senate. The particulars of the student are given below:

| Name | Roll No. | Title of Thesis | Supervisor Names | Reviewer Names |
|---------------|-----------------|---|-------------------------|--|
| Denzil Correa | PhD0903 | Content Quality in Online Services- Analysis, Detection and Enhancement | Ashish Sureka | <ol style="list-style-type: none"> 1. Prof. Prem Kumar Devanbu, Computer Sc. Deptt., University of California, Davis, USA 2. Prof. Vasudeva Varma, Dean (R&D), IIIT Hyderabad 3. Dr. Srinivas Padmanabhuni, Principal Research Scientist & Associate Vice- President, Infosys Labs. |

28.19 To consider Ph.D. thesis evaluation guidelines

Detailed guidelines have been prepared for processing the Ph.D. thesis for evaluation and a copy of the same is placed at **Annexure-VIII P-52-73** for information of the Senate.

28.20 Recommendation/Report by PGC:

(a) The PGC at its 2nd meeting held on 24.9.2014 has recommended the following guidelines for appointment of supervisor:

- i. **For students joining PhD program through rolling admission –**
 - a. Supervisor assignment will be done at the time of joining.
 - b. The concerned faculty has to sign Supervisor/Advisor's Assignment Form.
- ii. **For students joining PhD program through direct admission –**
 - a. Students will be given a month's time to find a supervisor on their own.
 - b. Every student should have a supervisor by the end of 1st semester.
 - c. Once a supervisor has agreed to guide a particular student, the concerned faculty has to sign Supervisor/Advisor's Assignment Form.
 - d. After formal assignment, the supervisor will guide the student till completion of his/her PhD degree.
- iii. **In the event of resignation of concerned supervisor**

If the concerned supervisor has resigned from the Institute and become an adjunct faculty, in all such cases the supervisor has to nominate a co-supervisor / internal supervisor (any other existing faculty of the institute) for his/her PhD student.

This is to be made applicable on retrospective basis.

(b) The PGC has recommended the following format of Research Plan to be submitted by the student towards comprehensive examination:

| |
|---|
| Title of Research Plan (Pg 1) |
| submitted by Student Name (Roll No.) |
| For Comprehensive Examination Month, Year |
| Supervisor's Name |

CONTENTS

(Pg 2)

| S.No. | Particulars |
|--------------|--|
| 1. | Course Work |
| 2. | Introduction and review of literatures |
| 3. | Objectives |
| 4. | Plan of Ph.D work |
| 5. | Publication |
| 6. | References |

The expected length of the report is 30 to 50 pages.

(c) The PGC at its 4th meeting held on 8.12.2014 has recommended the guidelines for dealing with the Ph.D. evaluation reports as per details placed at **Annexure-IX P-74**

Senate may kindly approve the above recommendation of the PGC

28.21 Recommendation / Report by UGC:

28.22 Any other item with permission of the Chair



Minutes of the 27th Senate meeting of IIIT-D held on 20th August, 2014 at 03.00 PM in the Senate Room, B-wing, R&D Building, IIIT-D Campus, Okhla Industrial Estate Phase-III, New Delhi

Following members were present:

- | | |
|----------------------------|------------------------------|
| • Prof. Pankaj Jalote | - Chairman |
| • Dr. Kaushik Saha | - 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. Mohd. S. Hashmi | - Internal Member |
| • Dr. Shreemoy Mishra | - Internal Member |
| • Dr. Sriram K. | - Internal Member |
| • Mr. Ashwani Kumar Kansal | - Secretary |

Special Invitees:

- | | |
|-----------------------|---------------------|
| • Dr. Anubha Gupta | - Faculty- IIITD |
| • Mr. K.P. Singh | - Academic Incharge |
| • Ms. Sheetu Ahuja | - AM-Academics |
| • Mr. Ashutosh Brahma | - JM -Academics |

TWENTY- SEVENTH (27th) MEETING OF SENATE OF IIIT-DELHI
MINUTES OF THE MEETING
(held on 20th AUGUST, 2014)

27.1 Opening remarks of the Chairman.

The Chairman welcomed all to the meeting. Thereafter, agenda items were taken up for discussions.

27.2 Confirmation of minutes of the 26th meeting of the Senate held on 25^h June, 2014.

Since there were no comments, the minutes of the 26th meeting were confirmed. While confirming the minutes, the Senate, in order to maintain uniformity, also ratified the decision taken by the Director for change of credits of Industry project **from 8 credits to 4 or 8 credits** and modification of relevant regulation. Accordingly, the minutes of 25th Senate meeting recorded vide item No.25.6 was modified to as under:

“Chairman, Senate apprised the members of the background of the proposal. He informed that the MTech students currently have an option to do MTech with Thesis (16 Credits) or with SP (8 or 4 Credits). The internship of 6 months or more in the industry will have advantage since it will allow another option to those who are not finding supervisors for SP, and can be beneficial for jobs also. After detailed deliberations the Senate agreed to the proposal for giving **4 or 8 credits** for doing internship in approved Industry/research lab./academic labs of 6 months or more. The student doing the internship will have to write a report, which will have to be approved by the internship supervisor in the company. It was agreed that PGC will work out operational details. Institute should also try to have MOUs with some companies for this internship.

It was also agreed that while this option may be started, there is a need to provide guidelines for a Scholarly paper. The PGC was requested to evolve these guidelines”..

ACTION TAKEN REPORT

27.3 To report the release of the following UG/PG Regulations:

- Regulations for BTech.Programs
- Regulations for MTech./Ph.D. Programs
- Regulations for BTech (CSE)
- Regulations for BTech (ECE)
- Regulations for MTech (CSE)
- Regulations for MTech (ECE)
- Regulations for MTech. in Computational Biology (CB)
- Regulations for Minor in Economics
- Regulations for Minor in Computational Biology(CB)
- Regulations for Dual Degree programs

The Senate noted the release of above regulations. However, the Senate desired that since starting of MTech. in Computational Biology (CB) has been deferred, the related regulation may be removed from the website for the time being.

27.4 Implementation of Industry/Capstone projects for M.Tech. students

Chairman, Senate informed the members of the earlier decisions taken by the Senate at its 25th meeting held on 19.2.2014 and 26th meeting held on 25th June, 2014 for giving an option to M.Tech. Students for doing **internship** in approved Industry/research lab. / Academic labs or to undertake a **Capstone Project** of 4 or 8 credits in lieu of a Scholarly Paper. He also informed that as desired by Senate the PGC has now formulated and recommended the following **guidelines** for **Industry Project** and **Capstone project** within the M.Tech. program and the same has been accepted by the Director for implementation. Prof. Ashwin Srinivasan, Chair, PGC who was present at the meeting also clarified and answered the queries made by the members.

Guidelines for Industrial Projects:

1. A suitable industrial organisation is identified (by the student, or by the Institute), along with an appropriate group in the organisation where the project will be conducted.
2. An appropriate employee of the organisation is identified (by the student or the Institute) and approved (by the Institute) to act as a supervisor. It is expected that this Industrial Supervisor will hold some responsible post in the industrial organisation (like that of a Manager, or a Project Head, etc.). There may be an Academic Supervisor at the Institute, although this is not mandatory.

3. The Institute writes to Industrial Supervisor, to confirm that he will be willing to:
(a) supervise the student for a project worth either 4 or 8 credits; (b) evaluate the student's performance using an evaluation form provided by the Institute; and (c) sign a project report written by the student, that this confirms that this was work done by the student.
4. Once agreement is reached, then the project can go ahead. The project deliverables are the evaluation form and a project report written by the student. Both deliverables have to be signed by the Industrial Supervisor (and the Academic Supervisor, if there is one).

Guidelines for the Capstone Project:

1. Follow the procedures adopted for BTPs, with the variation of allowing multiple supervisors.
2. Projects are envisaged as either: (a) large on-going software projects, requiring team-efforts over several years; or (b) individual software projects requiring the development of software for specific problems.
3. The deliverables will be as with the BTPs.

The Senate noted the above for information.

Arising out of discussions the Senate desired that the Academic Section will design an application format to be filled by the student for undertaking industry project. The format should, interalia, require a student to indicate the type of courses/number of credits, if any, he/she proposes to complete at IIITD during the period of industry internship. This information would be required by the company where the internship is proposed to be undertaken.

ACADEMIC & STUDENTS MATTERS

27.5 To consider some issues related to Dual Degree Program

Chairman, Senate apprised the members of some queries made by the students whether they can leave before completion of M.Tech. part of the dual degree and whether refund of fee will be made to them. After detailed discussions the Senate agreed that the following clarifications be suitably incorporated in the Dual Degree regulation:

- | | |
|-----------------|--|
| After Admission | <ul style="list-style-type: none">- the student is ineligible for placement- No refund of fee if he does not join except if he goes for higher studies in which case Rs.5000 is deducted. |
|-----------------|--|

Award of of B.Tech. degree - On completion of B.Tech. requirements, the BTech. degree may be given on submission of No Dues Certificate.

If he/she cannot complete the M.Tech - no fee refund can be made

27.6 To consider a proposal to start the semester officially 3 days earlier, but use the extra 3 days for conducting an intensive 3-day workshop for strengthening the capability of students.

Chairman, Senate apprised the members of the background of the proposal. He also apprised of the views expressed by Prof. Dheeraj Sanghi and Prof. Anshul Kumar, External Senate Members on this issue. After detailed discussions the Senate, in principle, agreed to the proposal to start the semester officially 3 days earlier and use the extra 3 days for conducting an intensive 3-day workshop for strengthening the capability of students in some language/ technology /tool as per details/tentative plan placed at **Appendix-I**. The Senate desired to also take the views of the students for implementing the proposal. Further, the CSE and ECE faculty may be requested to workout the details for implementation including the duration of the proposed workshop.

ITEMS FOR INFORMATION

27.7 Summary of Grade Changes for Winter 2014.

The Senate noted the position.

27.8 Summary of course registrations for the Monsoon Semester 2014

The Senate noted the position.

27.9 List of students likely to graduate in the year 2014.

The Senate noted that students mentioned in the table below are eligible to graduate in 2014:

| Program | Discipline | No. of students |
|---------------------------------|-------------------|------------------------|
| Ph.D. | CSE | 2 |
| M.Tech | CSE | 58 |
| M.Tech | ECE | 19 |
| M.Tech (Dual Degree) | CSE | 2 |
| B.Tech | CSE | 85 |

The Senate approved the above as per list of eligible students, degree-wise, placed at **Appendix-I1**

27.10 Status of admissions:

Chairman, Senate apprised the members of the admissions made to the various academic programmes. 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 as per list placed at **Appendix-III**.

ITEMS FOR INFORMATION

27.11 Approval from AICTE

Registrar apprised the members of the present status.

27.12 Application for NAAC Accreditation

Registrar apprised the members of the present status with regard to action being taken for collection of data from the concerned departments for uploading on the NAAC website.

27.13 Application for NBA Accreditation

Registrar apprised the members of the present status with regard to action being taken for collection of data from the concerned departments for uploading on the NBA website.

27.14 Joint counseling with DTU and IGDTUW

Registrar apprised the members of the present status with regard to joint counseling with DTU and IGDTUW for admission to B.Tech. programs from the academic year 2014-15. He also informed that outcome of the final meeting of Joint Counseling will be reported to the next meeting of the Senate.

27.15 Writ Petition (C) No. 3858/2014 filed by Mr. Madhur Hasija, Ph.D. student

The Senate noted the position.

27.16 Starting of M.Tech. program in Computation Biology (CB) deferred

The Senate noted the position.

Arising out of discussion the Senate agreed that in case the three candidates who had paid the fees and later on returned their DDs due to deferment, may be offered direct admission to M.Tech. (CB), without going through test/interview, if they show interest and apply for the same in future.

27.17 Recommendation/Report by PGC:

(i) Status of Best M.Tech. thesis award

The Senate noted the position with regard to award of Best M.Tech. thesis and desired that the recommendation of the committee may be expedited before 26.8.2014 (i.e. before BoG meeting) and put up to Director who was authorized to approve on behalf of the Senate.

(ii) To consider recommendation of PGC regarding assignment of grade in Scholarly paper

Chairman, Senate informed the members that in terms of earlier decision of the Senate (vide Item No.26.25 of the 26th meeting held on 25.6.2014) the PGC has looked into the matter regarding assignment of grade in Scholarly paper and has recommended as under:

“The PGC’s recommendation at present is to continue with the current state on this. That is: S/X grades for thesis and S/X grades for SPs/CapPs/IndPs.”

The Senate accepted the above recommendation.

(iii) **To consider recommendation of PGC regarding timeline for completion of Comprehensive examination by the Ph.D. students**

Chairman, Senate informed the members that in terms of earlier decision of the Senate (vide Item No.26.23 of the 26th meeting held on 25.6.2014) the PGC has looked into the matter and recommended the following timeline for completion of comprehensive examination:

| Sl. Category of Ph.D.students | Time limit for completion of Comprehensive |
|--|---|
| 1. PhD students admitted directly from a BTech | 5 semesters |
| 2. PhD students migrating during our MTech | 4 semesters |
| 3. PhD students after completing our MTech | 3 semesters |
| 4. PhD students not from our institute hold | Either case 1 or case 3 will hold |

The Senate accepted the above recommendation.

27.18 Recommendation / Report by UGC: -

27.19 To consider a proposal for starting Ph.D. in Computational Biology (CB)

Chairman, Senate apprised the members of the proposal for Ph.D. in Computational Biology (CB) placed on the table. Dr. Sriram K. presented the proposal in detail and explained the salient features of the proposal. After detailed deliberations the Senate agreed to the proposal for starting Ph.D. in Computational Biology (CB) as per

Appendix-IV

Starting the Semester a few days earlier (while keeping the main Course Instruction as is)

Most of our courses, as in most good programs, focus on the subject matter, rather than technologies and tools. While our courses do not “teach” tools and technologies, these tools/technologies are needed and used for doing assignment/projects in various courses, and students are expected to learn them on their own. However, we notice many students often struggle with some tools/technologies/ languages, which hampers the teaching and learning process in some key course(s). A good example of this is DSA in 2nd semester – students struggle in C, making the task of the Instructor and students for achieving the post conditions harder.

It is proposed to start the semester officially 3 days earlier, but use the extra 3 days for conducting an intensive 3-day workshop for strengthening the capability of students in some language/ technology /tool which is needed by some regular course(s) in the semester. As the regular courses have not started yet, the entire time for the 3 days will focus on strengthening the capabilities in technology / tools. With this intensive, focussed approach, good outcome can be achieved for the specific language/tool. For example, for the second semester, these 3 days will be used for conducting workshop for improving the proficiency in “C language” – so students are better prepared in it and their learning in DSA is better. (This duration of 3 days can be increased, if experience indicates that 3 days is insufficient.)

As these intensive modules often will help in some course, performance in these intensive modules, may be given some small weight in some courses – this will ensure attendance and motivation. Otherwise, this program has no effect on our regular teaching and regulations.

It is envisaged that this 3-day program will be run mostly by senior BTech / MTech students (or graduated students who are planning to join their jobs in Sept), coordinated by some PhD student, and under the overall supervision of the faculty (this is how we did the Java course this semester, and that is how the C module is being run). As our regular courses start generally from Mon, these 3 days will normally be Wed-Fri – allowing some small projects to be given to students for the weekend to further sharpen their skills.

Besides improving the proficiency of students in these tools/technologies and improving the teaching and learning in the course(s) that use them, the program should also help in ramping up in courses at start of the semester, as the intensive program can also help students get in academic and learning mindset.

If semester is to be started 3 days earlier, we should have a plan on using these days for students of all standing. A tentative plan for using these days for students entering different semesters in their program given below:

| | CSE students | ECE students |
|--------------|----------------------------|----------------------------|
| Sem 1 | Preparation for IP | Preparation for IP |
| Sem 2 | C programming | C programming |
| Sem 3 | Java Programming | Java Programming/ Math Lab |
| Sem 4 | Advanced C /C++ | Spice |
| Sem 5 | Java script, Ruby on rails | Cadence tool |
| Sem 6 | ML, Advanced Java, ?? | Advanced Mathlab /Java???? |

Note: ECE students can benefit from both Java and MathLab. In 3rd sem, in the 3 days they can do MathLab and do Java programming later (Sem 6);. Or they can do Java in these 3 days, and can do Mathlab during the first two Saturdays. Or

- **Sem 7, 8:** Some of the 4th year students will help in conducting the programs above for Sem 1 to Sem 6. For other students, students can be encouraged to conduct intensive tutorials on special topics, perhaps to help them in placements. Also, those students who are UG TAs, can use this time to prepare for their courses.
- **MTech students (Sem 1 to Sem 4):** For MTech students also these programs can be used – they can take any of the above programs. For MTech students these 3 days can also be used for intensive preparation in the subject in which they will be the TA (under the guidance of the instructor.)
- **PhD Students:** In the Monsoon semester these days are used for their yearly review. As they don't do courses besides their first few semesters, we don't have to worry about "keeping them busy" in these days.

Appendix-II

| PhD(CSE) | | | | | |
|-------------|----------------|--------------------------|-----------------|----------------|--------------------------------------|
| Sl. No. | Roll No. | Name | Graduation Date | | |
| 1 | PhD0906 | Kuldeep | 21-May-14 | | |
| 2 | PhD0904 | Himanshu Sharad Bhatt | 21-May-14 | | |
| M.Tech(CSE) | | | | | |
| Sl. No. | Roll No. | Name | With Thesis | Specialisation | Graduation Date |
| 1 | MT12001 | Aakarsha Agarwal | No | IS | 21-May-14 |
| 2 | MT12002 | Abhishek Kumar | - | IS | Expected to Graduate on Dec21 |
| 3 | MT12003 | Adarsh Agarwal | No | IS | 21-May-14 |
| 4 | MT12004 | Aritra Dhar | - | IS | Expected to Graduate on Dec21 |
| 5 | MT12005 | Himanshu Gupta | No | IS | 21-May-14 |
| 6 | MT12006 | Karishma Chug | No | MC | 21-May-14 |
| 7 | MT12007 | Muhammed Noufal K | - | IS | Expected to Graduate on Dec21 |
| 8 | MT12008 | Narayana Reddy Y | No | IS | 21-May-14 |
| 9 | MT12009 | Neha Gupta | Yes | IS | 21-May-14 |
| 10 | MT12010 | Nikita Jain | No | IS | 21-May-14 |
| 11 | MT12011 | Nipun Bansal | No | IS | 21-Aug-14 |
| 12 | MT12012 | Nisha Aggarwal | Yes | IS | 21-May-14 |
| 13 | MT12013 | Nishant Sharma | Yes | IS | 21-May-14 |
| 14 | MT12014 | Parikshit Maini | Yes | Gen | 21-Aug-14 |
| 15 | MT12015 | Prateek Sharma | No | IS | 21-May-14 |
| 16 | MT12016 | Rashi Garg | No | IS | 21-May-14 |
| 17 | MT12017 | Rohit Jain | - | IS | Expected to Graduate on Dec21 |
| 18 | MT12018 | Sandipan Biswas | Yes | IS | 21-May-14 |
| 19 | MT12019 | Shaifali Gupta | No | IS | 21-May-14 |
| 20 | MT12020 | Siddharth Dawar | Yes | IS | 21-Aug-14 |
| 21 | MT12021 | Vishesh Narwal | - | IS | Expected to Graduate on Dec21 |
| 22 | MT12030 | Aayushee Gupta | Yes | DE | 21-Aug-14 |
| 23 | MT12031 | Abhishek Bholra | Yes | DE | 21-Aug-14 |
| 24 | MT12032 | Akanksha Gupta | - | DE | Expected to Graduate on Dec21 |
| 25 | MT12033 | Ambreen Bashir | - | DE | Expected to Graduate on Dec21 |
| 26 | MT12034 | Aniya Aggarwal | - | DE | Expected to Graduate on Dec21 |

| | | | | | |
|--------------------|----------------|--------------------------|-----|------------------------|--------------------------------------|
| 27 | MT12035 | Anuj Rajani | Yes | DE | 21-Aug-14 |
| 28 | MT12037 | Gajendra Ranjit Waghmare | No | DE | 21-May-14 |
| 29 | MT12038 | Ghongane Ganesh Vijay | No | DE | 21-Aug-14 |
| 30 | MT12039 | Kanchan Arora | - | DE | Expected to Graduate on Dec21 |
| 31 | MT12040 | Kongara Amani | - | DE | Expected to Graduate on Dec21 |
| 32 | MT12041 | Krishan Kumar Arya | Yes | DE | 21-Aug-14 |
| 33 | MT12042 | Lovey Agrawal | - | DE | Expected to Graduate on Dec21 |
| 34 | MT12043 | Megha Mittal | Yes | DE | 21-May-14 |
| 35 | MT12044 | Pankaj Sahu | Yes | DE | 21-Aug-14 |
| 36 | MT12046 | Priya J N Singh | - | DE | Expected to Graduate on Dec21 |
| 37 | MT12047 | Ritika Jain | Yes | DE | 21-May-14 |
| 38 | MT12048 | Sakshi Tiwari | Yes | Gen | 21-Aug-14 |
| 39 | MT12049 | Shilpa Garg | Yes | Gen | 21-May-14 |
| 40 | MT12050 | Shilpi Jain | Yes | DE | 21-Aug-14 |
| 41 | MT12051 | Sudeep Gupta | No | DE | 21-May-14 |
| 42 | MT12060 | Akshi | No | MC | 21-May-14 |
| 43 | MT12061 | Alvika Gautam | Yes | MC | 21-Aug-14 |
| 44 | MT12062 | Amit | Yes | MC | 21-Aug-14 |
| 45 | MT12063 | Anil Sharma | - | MC | Expected to Graduate on Dec21 |
| 46 | MT12064 | Deepika | Yes | Gen | 21-Aug-14 |
| 47 | MT12067 | Milan Jain | Yes | MC | 21-Aug-14 |
| 48 | MT12068 | Mridula Singh | Yes | MC | 21-May-14 |
| 49 | MT12069 | Nishtha Ahuja | No | MC | 21-May-14 |
| 50 | MT12070 | Prateek Jassal | No | MC | 21-May-14 |
| 51 | MT12071 | Priyanka Singh | - | MC | Expected to Graduate on Dec21 |
| 52 | MT12072 | Rohit Romley | No | Gen | 21-May-14 |
| 53 | MT12074 | Samit Anwer | - | MC | Expected to Graduate on Dec21 |
| 54 | MT12075 | Shailja Thakur | Yes | MC | 21-Aug-14 |
| 55 | MT12076 | Stuti Jain | No | MC | 21-May-14 |
| 56 | MT12077 | Tarun Gupta | No | MC | 21-May-14 |
| 57 | MT12078 | Veeru Sharma | No | MC | 21-Aug-14 |
| 58 | PhD1104 | Praful Agarwal | Yes | Gen | 21-May-14 |
| M.Tech(ECE) | | | | | |
| 1 | MT12092 | Ankita Shukla | Yes | Gen | 21-May-14 |
| 2 | MT12094 | Gade Narayana Sri Harsha | Yes | VLSI & Embedded System | 21-Aug-14 |
| 3 | MT12095 | Kumar Abhishek | No | VLSI & Embedded System | 21-Aug-14 |
| 4 | MT12096 | Mir Mohsina Rahman | Yes | Gen | 21-Aug-14 |
| 5 | MT12097 | Namrata Dwivedi | Yes | Gen | 21-Aug-14 |

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|---|---------|-----------------------|-----|------------------------|--------------------------------------|
| 6 | MT12098 | Neeraj Kumar | Yes | VLSI & Embedded System | 21-Aug-14 |
| 7 | MT12099 | Pranay Samanta | Yes | VLSI & Embedded System | 21-Aug-14 |
| 8 | MT12100 | Rahul Kumar Shah | | | Expected to Graduate on Dec21 |
| 9 | MT12101 | Rohan Sinha | Yes | VLSI & Embedded System | 21-Aug-14 |
| 10 | MT12102 | Rohit Jain | Yes | Gen | 21-May-14 |
| 11 | MT12104 | Shubha Sharma | No | Gen | 21-Aug-14 |
| 12 | MT12105 | Sidhartha Sankar Rout | Yes | VLSI & Embedded System | 21-Aug-14 |
| 13 | MT12106 | B Srikrishna Acharya | Yes | VLSI & Embedded System | 21-May-14 |
| 14 | MT12107 | Supratim Das | Yes | VLSI & Embedded System | 21-May-14 |
| 15 | MT12108 | Swatilekha Majumdar | Yes | VLSI & Embedded System | 21-Aug-14 |
| 16 | MT12109 | Vijender Kumar Sharma | Yes | VLSI & Embedded System | 21-Aug-14 |
| 17 | MT12110 | Vinod Kumar Singh | Yes | VLSI & Embedded System | 21-Aug-14 |
| 18 | PhD1221 | Aijaz Mehdi Zaidi | Yes | Gen | 21-May-14 |
| 19 | PhD1223 | Varsha Maheshwari | No | Gen | 21-May-14 |
| Dual Degree - B.Tech. & M.Tech.(CSE) | | | | | |
| 1 | 2009064 | Apurv Mehra | CSE | | 21-Aug-14 |
| 2 | 2009068 | Sudip Mittal | CSE | | 21-Aug-14 |

| B.Tech(CSE) | | | | |
|--------------------|----------|-----------------------|-------------|---|
| Sl.No. | Roll No. | Name | Degree | Completed Course On |
| 1 | 2010001 | Abhimanyu Khanna | | May 21, 2014 |
| 2 | 2010003 | Abhishek Sharma | | August 21, 2014 |
| 3 | 2010004 | Abhishek Gupta | With Honors | May 21, 2014 |
| 4 | 2010005 | Aditi Lal | | August 21, 2014 |
| 5 | 2010006 | Adway Malhotra | | May 21, 2014 |
| 6 | 2010007 | Aishwarya Jain | | May 21, 2014 |
| 7 | 2010008 | Akanksha | | May 21, 2014 |
| 8 | 2010009 | Akkineni Ajay Krishna | | May 21, 2014 |
| 9 | 2010010 | Akshay Gupta | | May 21, 2014 |
| 10 | 2010011 | Akshay Rajvanshi | | May 21, 2014 |
| 11 | 2010012 | Akshit Gupta | | May 21, 2014 |
| 12 | 2010013 | Amol Verma | | May 21, 2014 |
| 13 | 2010014 | Anirudh Chakravorty | | Expected to graduate on 21 December, 2014 |
| 14 | 2010015 | Ankit Mittal | | May 21, 2014 |
| 15 | 2010016 | Ankur Goel | | May 21, 2014 |
| 16 | 2010017 | Anmol Kelkar | | May 21, 2014 |
| 17 | 2010018 | Anulima Choudhary | | August 21, 2014 |
| 18 | 2010019 | Apoorv Narang | | May 21, 2014 |
| 19 | 2010020 | Apoorv Saini | | August 21, 2014 |
| 20 | 2010021 | Arjun Ahuja | | May 21, 2014 |
| 21 | 2010022 | Arpit Anand | | August 21, 2014 |

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|----|---------|--------------------|---|-----------------|
| 22 | 2010024 | Astha Solanki | | May 21, 2014 |
| 23 | 2010025 | Ayushi Goyal | | August 21, 2014 |
| 24 | 2010026 | Ayushi Aggarwal | | May 21, 2014 |
| 25 | 2010027 | Deepanker Aggarwal | | May 21, 2014 |
| 26 | 2010028 | Devika Sondhi | | May 21, 2014 |
| 27 | 2010030 | Himanshu Gargas | | May 21, 2014 |
| 28 | 2010031 | Himanshu Verma | | May 21, 2014 |
| 29 | 2010032 | Jahnavi Kalyani | | August 21, 2014 |
| 30 | 2010033 | Jatin Thapar | | May 21, 2014 |
| 31 | 2010034 | Jyotika Dora | | May 21, 2014 |
| 32 | 2010035 | Karan Kalra | | May 21, 2014 |
| 33 | 2010036 | Karan Khurana | | May 21, 2014 |
| 34 | 2010037 | Karan Gupta | | May 21, 2014 |
| 35 | 2010038 | Kashish Chawla | | May 21, 2014 |
| 36 | 2010039 | Kirti Lamba | | August 21, 2014 |
| 37 | 2010040 | Kshitiz Bakshi | | May 21, 2014 |
| 38 | 2010041 | Kunal Mehta | | May 21, 2014 |
| 39 | 2010042 | Lakshay Bharti | | May 21, 2014 |
| 40 | 2010043 | Lokesh Garg | | May 21, 2014 |
| 41 | 2010044 | Manik Malhotra | | May 21, 2014 |
| 42 | 2010047 | Mayank Gautam | | May 21, 2014 |
| 43 | 2010048 | Mayank Verma | | May 21, 2014 |
| 44 | 2010049 | Mithil Gupta | Expected to graduate on 21 December, 2014 | |
| 45 | 2010053 | Nikhil Nagrath | | May 21, 2014 |
| 46 | 2010054 | Nikhil | | May 21, 2014 |
| 47 | 2010055 | Nikhil Nagpal | | May 21, 2014 |
| 48 | 2010057 | Nikita Juneja | | May 21, 2014 |
| 49 | 2010058 | Nishant Jain | | May 21, 2014 |
| 50 | 2010059 | Paritosh Mittal | With Honors | August 21, 2014 |
| 51 | 2010060 | Prachi Agarwal | | August 21, 2014 |
| 52 | 2010061 | Praneet Sharma | With Honors | May 21, 2014 |
| 53 | 2010062 | Pranjal Thapar | | August 21, 2014 |
| 54 | 2010064 | Priyanka Kumar | | May 21, 2014 |
| 55 | 2010065 | Priyanshu Gupta | | May 21, 2014 |
| 56 | 2010066 | Purujit Negi | | August 21, 2014 |
| 57 | 2010067 | Raghav Anand | | May 21, 2014 |
| 58 | 2010068 | Rhea Goel | | May 21, 2014 |
| 59 | 2010070 | Ruchika koli | | May 21, 2014 |
| 60 | 2010071 | Sahil Jain | | May 21, 2014 |
| 61 | 2010072 | Sakshi Saini | | May 21, 2014 |
| 62 | 2010074 | Sampoorna Biswas | With Honors | May 21, 2014 |
| 63 | 2010077 | Saurabh Yadav | Expected to graduate on 21 December, 2014 | |

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|----|---------|----------------------|---|-----------------|
| 64 | 2010078 | Shayan Lahiri | | 21-May-14 |
| 65 | 2010079 | Shipra Behera | | May 21, 2014 |
| 66 | 2010080 | Shreyasi Agrawal | | May 21, 2014 |
| 67 | 2010082 | Shruti Kapur | | May 21, 2014 |
| 68 | 2010083 | Shubham Singhal | | May 21, 2014 |
| 69 | 2010085 | Shubhansh Agrawal | | May 21, 2014 |
| 70 | 2010086 | Soumya Vardhan Singh | | May 21, 2014 |
| 71 | 2010087 | Sukriti Jain | With Honors | May 21, 2014 |
| 72 | 2010088 | Sushant Mehta | | May 21, 2014 |
| 73 | 2010089 | Tanmay Goel | | August 21, 2014 |
| 74 | 2010090 | Tanya Mishra | | August 21, 2014 |
| 75 | 2010091 | Udit Verma | | May 21, 2014 |
| 76 | 2010092 | Ujjwal Gupta | | May 21, 2014 |
| 77 | 2010093 | Utkarsha Bhardwaj | | May 21, 2014 |
| 78 | 2010094 | Hrishant Raghav | | May 21, 2014 |
| 79 | 2010096 | Vinayak Chopra | | May 21, 2014 |
| 80 | 2010097 | Yash Lamba | | May 21, 2014 |
| 81 | 2009002 | Aarti Chand | | August 21, 2014 |
| 82 | 2009007 | Aditya Gulati | | May 21, 2014 |
| 83 | 2009020 | Digvijay Singh | | May 21, 2014 |
| 84 | 2009046 | Sumit Aggarwal | | May 21, 2014 |
| 85 | 2009056 | Aditya Kumar | Expected to graduate on 21 December, 2014 | |

➤ **Rolling PhD admissions:**

Following students have been admitted under Rolling PhD(CSE and ECE):

| Sl.No. | Roll No. | Program | Name | Date of Joining |
|--------|----------|---------|--|-----------------|
| 1. | PhD1330 | ECE | Wazir Singh | 12.05.2014 |
| 2. | PhD1331 | ECE | Yagya Dutt Mishra (Sponsored candidate) | 22.05.2014 |
| 3. | PhD14112 | ECE | Rahul Bajpai | 04.08.2014 |
| 4. | PhD14006 | CSE | Soumyadeep Ghosh | 04.08.2014 |

➤ **Migration from MTech to PhD**

Following students have been migrated from MTech to PhD(CSE and ECE):

| Sl.No. | Roll No. | Program | Name | Date of Joining |
|--------|----------|---------|------------------|-----------------|
| 1. | MT12063 | CSE | Anil Sharma | 03.04.2014 |
| 2. | PhD14111 | ECE | Ankita Shukla | 27.06.2014 |
| 3. | PhD14007 | CSE | Siddhartha Dawar | 01.08.2014 |
| 4. | MT13042 | CSE | Manisha Khattar | 01.08.2014 |

➤ **Regular PhD admissions:**

The students who joined in PhD (CSE and ECE) are:

| Sl.No. | Roll No. | Program | Name | Date of Joining |
|--------|----------|---------|--------------------|-----------------|
| 1. | PhD14101 | ECE | Dhananjay Kimothi | 9.6.2014 |
| 2. | PhD14102 | ECE | Shiju S. | 9.6.2014 |
| 3. | PhD14103 | ECE | Tanya Sridhar | 10.06.2014 |
| 4. | PhD14104 | ECE | Santhosh K | 16.06.2014 |
| 5. | PhD14105 | ECE | Prakhar Chatterjee | 01.08.2014 |
| 6. | PhD14106 | ECE | Akshay Jain | 03.07.2014 |
| 7. | PhD14107 | ECE | Parag Aggarwal | 31.07.2014 |

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|-----|----------|-----|--------------------|------------|
| 8. | PhD14108 | ECE | Syed Shammem Ahmad | 31.07.2014 |
| 9. | PhD14109 | ECE | Ambuj Mehrish | 01.07.2014 |
| 10. | PhD14110 | ECE | Gourav Chaturvedi | 31.07.2014 |
| 11. | PhD14001 | CSE | Akshay Agarwal | 31.07.2014 |
| 12. | PhD14002 | CSE | Deepika Yadav | 21.07.2014 |
| 13. | PhD14003 | CSE | Himanshu Buckchash | 31.07.2014 |
| 14. | PhD14004 | CSE | Rohit Keshari | 14.07.2014 |
| 15. | PhD14005 | CSE | Lokender Tiwari | 07.07.2014 |

| Admission M.Tech 2014 | | | | |
|-----------------------|----------------|-------------------------------|--------|----------------|
| Sl No | IIITD Roll No. | Name | Branch | Specialisation |
| 1 | MT14001 | Amandeep Singh | CSE | Gen |
| 2 | MT14002 | Anurag Chowdhury | CSE | Gen |
| 3 | MT14003 | Ashish Bandil | CSE | Gen |
| 4 | MT14004 | Avanish Kumar Singh | CSE | Gen |
| 5 | MT14005 | Deepak Das | CSE | Gen |
| 6 | MT14006 | Garima | CSE | Gen |
| 7 | MT14007 | Garima Mahajan | CSE | Gen |
| 8 | MT14008 | Gullal Singh Cheema | CSE | Gen |
| 9 | MT14009 | Hitanshu Rakeshkumar Tiwari | CSE | Gen |
| 10 | MT14010 | Joy Aneja | CSE | Gen |
| 11 | MT14011 | Kondamadugula Raghunath Reddy | CSE | Gen |
| 12 | MT14012 | Kratika Sharma | CSE | Gen |
| 13 | MT14013 | Manisha Agrawal | CSE | Gen |
| 14 | MT14014 | Manisha Dubey | CSE | Gen |
| 15 | MT14015 | Naman Goyal | CSE | Gen |
| 16 | MT14016 | Niharika Gupta | CSE | Gen |
| 17 | MT14017 | Nishant Adhikari | CSE | Gen |
| 18 | MT14018 | Priyanka Balotra | CSE | Gen |
| 19 | MT14019 | Rahul Sharma | CSE | Gen |
| 20 | MT14020 | Saba Chaudhary | CSE | Gen |
| 21 | MT14021 | Sachin Negi | CSE | Gen |
| 22 | MT14022 | Sanchari Deb | CSE | Gen |
| 23 | MT14023 | Shisagnee Banerjee | CSE | Gen |
| 24 | MT14024 | Shreya Tripathi | CSE | Gen |
| 25 | MT14025 | Sirinam Sampath | CSE | Gen |
| 26 | MT14026 | Sonal Goel | CSE | Gen |
| 27 | MT14027 | Vasudev Chatterjee | CSE | Gen |
| 28 | MT14028 | Veronica Sharma | CSE | Gen |

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|----|---------|-----------------------|-----|-------------------------|
| 29 | MT14029 | Vikas Singh | CSE | Gen |
| 30 | MT14030 | Vincent B Mathew | CSE | Gen |
| 31 | MT14031 | Yash Dhingra | CSE | Gen |
| 32 | MT14032 | Yogesh Kumari | CSE | Gen |
| 33 | MT14033 | Ajit Pratap Singh | CSE | IS |
| 34 | MT14034 | Amitesh | CSE | IS |
| 35 | MT14035 | Anindya Srivastava | CSE | IS |
| 36 | MT14036 | Ankit Verma | CSE | IS |
| 37 | MT14037 | Deependra Raghuvanshi | CSE | IS |
| 38 | MT14038 | Jagan Rv | CSE | IS |
| 39 | MT14039 | Kritika Mittal | CSE | IS |
| 40 | MT14040 | Munawar Hasan | CSE | IS |
| 41 | MT14041 | Pooja Gupta | CSE | IS |
| 42 | MT14042 | Pradyumn Nand | CSE | IS |
| 43 | MT14043 | Sakshi Agarwal | CSE | IS |
| 44 | MT14044 | Shubham Srivastava | CSE | IS |
| 45 | MT14045 | Swati Rathi | CSE | IS |
| 46 | MT14046 | Aanchal Singh | CSE | MC |
| 47 | MT14047 | Abhishek Mitra | CSE | MC |
| 48 | MT14048 | Anshika Agarwal | CSE | MC |
| 49 | MT14049 | Himanshu Varshney | CSE | MC |
| 50 | MT14050 | Megha Vij | CSE | MC |
| 51 | MT14051 | Neha | CSE | MC |
| 52 | MT14052 | Nikita Jain | CSE | MC |
| 53 | MT14053 | Ruchika Banerjee | CSE | MC |
| 54 | MT14054 | Rupali Jain | CSE | MC |
| 55 | MT14055 | Sangeeth K | CSE | MC |
| 56 | MT14056 | Anindya Jyoti Chandra | ECE | VLSI & Embedded Systems |
| 57 | MT14057 | Antara Ganguly | ECE | VLSI & Embedded Systems |
| 58 | MT14058 | Disha Arora | ECE | VLSI & Embedded Systems |
| 59 | MT14059 | K Bharath | ECE | VLSI & Embedded Systems |
| 60 | MT14060 | K K Praveen Kumar | ECE | VLSI & Embedded Systems |
| 61 | MT14061 | Meenakshi Chauhan | ECE | VLSI & Embedded Systems |
| 62 | MT14062 | Nidhi Batra | ECE | VLSI & Embedded Systems |
| 63 | MT14063 | Pawan Sehgal | ECE | VLSI & Embedded Systems |
| 64 | MT14064 | Preet Kaur Walia | ECE | VLSI & Embedded Systems |
| 65 | MT14065 | Prince Garg | ECE | VLSI & Embedded Systems |
| 66 | MT14066 | Pulkit Sharma | ECE | VLSI & Embedded Systems |
| 67 | MT14067 | Raghav Kishore | ECE | VLSI & Embedded Systems |
| 68 | MT14068 | Renduchinthala Anusha | ECE | VLSI & Embedded Systems |
| 69 | MT14069 | Ricktam Kundu | ECE | VLSI & Embedded Systems |
| 70 | MT14070 | Sakshi Jain | ECE | VLSI & Embedded Systems |
| 71 | MT14071 | Sakshi Taneja | ECE | VLSI & Embedded Systems |
| 72 | MT14072 | Sangeeta Goyal | ECE | VLSI & Embedded Systems |

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|----|---------|------------------------|-----|-------------------------|
| 73 | MT14073 | Shashwat | ECE | VLSI & Embedded Systems |
| 74 | MT14074 | Sneha Bhatia | ECE | VLSI & Embedded Systems |
| 75 | MT14075 | Vijay Sharma | ECE | VLSI & Embedded Systems |
| 76 | MT14076 | Amit Mohindru | ECE | CSP |
| 77 | MT14077 | Ankita Raj | ECE | CSP |
| 78 | MT14078 | Arpita Gang | ECE | CSP |
| 79 | MT14079 | Ashwani | ECE | CSP |
| 80 | MT14080 | Himani Joshi | ECE | CSP |
| 81 | MT14081 | Jasmine Kaur Gulati | ECE | CSP |
| 82 | MT14082 | Kavya Gupta | ECE | CSP |
| 83 | MT14083 | Manish Kumar | ECE | CSP |
| 84 | MT14084 | Mansi Peer | ECE | CSP |
| 85 | MT14085 | Mehta Janki Vrajvihari | ECE | CSP |
| 86 | MT14086 | Nidhi Gupta | ECE | CSP |
| 87 | MT14087 | Prerna Khurana | ECE | CSP |
| 88 | MT14088 | Protim Bhattacharjee | ECE | CSP |
| 89 | MT14089 | Saloni Mittal | ECE | CSP |
| 90 | MT14090 | Shreyata Sharma | ECE | CSP |
| 91 | MT14091 | Snigdha Tariyal | ECE | CSP |
| 92 | MT14092 | Suman Pani | ECE | CSP |
| 93 | MT14093 | Sushant Kumar | ECE | CSP |
| 94 | MT14094 | Vibhutesh Kumar Singh | ECE | CSP |

| Admission B.Tech 2014 | | | |
|------------------------------|-----------------|-------------------|---------------|
| S.No. | Roll No. | Name | Branch |
| 1 | 2014001 | AASHAY MITTAL | CSE |
| 2 | 2014002 | AASHISH KUMAR | CSE |
| 3 | 2014003 | ABHISHEK BALIYAN | CSE |
| 4 | 2014004 | ADESH PANDEY | CSE |
| 5 | 2014005 | ADITI MAURYA | CSE |
| 6 | 2014006 | AGAM SINGH BAJAJ | CSE |
| 7 | 2014007 | AISHWARYA JAISWAL | CSE |
| 8 | 2014008 | AKASH AGGARWAL | CSE |
| 9 | 2014009 | AKSHAT SHARDA | CSE |
| 10 | 2014010 | AKSHIT SINGH | CSE |
| 11 | 2014011 | ALIND KHARE | CSE |
| 12 | 2014012 | AMBAR PAL | CSE |
| 13 | 2014013 | ANAM BHATIA | CSE |
| 14 | 2014014 | ANANT JAIN | CSE |
| 15 | 2014015 | ANANT MITTAL | CSE |
| 16 | 2014016 | ANIKET KADIYAN | CSE |
| 17 | 2014017 | ANISHA SEJWAL | CSE |
| 18 | 2014018 | ANKIT KUMAR | CSE |
| 19 | 2014019 | ANKUR DHAKA | CSE |

| | | | |
|----|---------|---------------------------------|-----|
| 20 | 2014020 | ANSHUL ANIL GAUR | CSE |
| 21 | 2014021 | ANSHUMAN SURI | CSE |
| 22 | 2014022 | ANUBHAV JAIN | CSE |
| 23 | 2014023 | ARUSHI KUMAR | CSE |
| 24 | 2014024 | ASHUTOSH NANDAN | CSE |
| 25 | 2014025 | ATUL MATHUR | CSE |
| 26 | 2014026 | AVADH YADAV | CSE |
| 27 | 2014027 | AVNEET KAUR | CSE |
| 28 | 2014028 | AYAN KAPOOR | CSE |
| 29 | 2014029 | AYUSH AGARWAL | CSE |
| 30 | 2014030 | BHRIGU GUPTA | CSE |
| 31 | 2014031 | BURHAN NABI | CSE |
| 32 | 2014032 | CHAUDHARY GUROOSH GABRIEL SINGH | CSE |
| 33 | 2014033 | CHETAN SINGHAL | CSE |
| 34 | 2014034 | DARVESH KUMAR PUNIA | CSE |
| 35 | 2014035 | DEEPAK MUNAGALA | CSE |
| 36 | 2014036 | DEEPAK THUKRAL | CSE |
| 37 | 2014037 | DHRUV PARGAI | CSE |
| 38 | 2014038 | DIVAM GUPTA | CSE |
| 39 | 2014039 | DIVAY PRAKASH | CSE |
| 40 | 2014040 | GAUTAM GUPTA | CSE |
| 41 | 2014041 | GURSIMRAN SINGH | CSE |
| 42 | 2014042 | HARSHIT VERMA | CSE |
| 43 | 2014043 | HARSHVARDHAN KALRA | CSE |
| 44 | 2014044 | HIMANEESH CHHABRA | CSE |
| 45 | 2014045 | HIMANSHU PAHADIA | CSE |
| 46 | 2014046 | HIMANSHU SAGAR | CSE |
| 47 | 2014047 | HIMANSHU SINGH NEGI | CSE |
| 48 | 2014048 | HIRAK CHANDRAVANSHI | CSE |
| 49 | 2014049 | HIRDAYAM NARULA | CSE |
| 50 | 2014050 | ISHAN PANDITA | CSE |
| 51 | 2014051 | ISHITA VERMA | CSE |
| 52 | 2014052 | KSHITIJ KISHORE | CSE |
| 53 | 2014053 | KUNAL SAINI | CSE |
| 54 | 2014054 | KUNAL SHARMA | CSE |
| 55 | 2014055 | KUSHAGRA MAHAJAN | CSE |
| 56 | 2014056 | KUSHAGRA SINGH | CSE |
| 57 | 2014057 | LAKSHAY DAHIYA | CSE |
| 58 | 2014058 | LAKSHIT TYAGI | CSE |
| 59 | 2014059 | LOHITAKSH PARMAR | CSE |
| 60 | 2014060 | M NIKHIL PRASANNA | CSE |
| 61 | 2014061 | MADHAV VARMA | CSE |
| 62 | 2014062 | MANSI GOEL | CSE |
| 63 | 2014063 | MAYANK ATTRI | CSE |

| | | | |
|-----|---------|-----------------------|-----|
| 64 | 2014064 | MILIND | CSE |
| 65 | 2014065 | NALIN GUPTA | CSE |
| 66 | 2014066 | NICKEY KUMAR | CSE |
| 67 | 2014067 | NISHANT YADAV | CSE |
| 68 | 2014068 | NITIKA SARAN | CSE |
| 69 | 2014069 | NITIN KUMAR | CSE |
| 70 | 2014070 | OJASVI SINGH RANDHAWA | CSE |
| 71 | 2014071 | PAHAL KRISHNIA | CSE |
| 72 | 2014072 | PALASH RANJAN BANSAL | CSE |
| 73 | 2014073 | PANKAJ KUMAR ANURAGI | CSE |
| 74 | 2014074 | PARIKSHIT DIWAN | CSE |
| 75 | 2014075 | PRACHI SINGH | CSE |
| 76 | 2014076 | PRANKUL SINGH | CSE |
| 77 | 2014077 | PRASHANT SAINI | CSE |
| 78 | 2014078 | PRAVEEN KUMAR JHANWAR | CSE |
| 79 | 2014079 | PRERNA KAKKAR | CSE |
| 80 | 2014080 | PULKIT | CSE |
| 81 | 2014081 | PURUSHARTH DWIVEDI | CSE |
| 82 | 2014082 | RAGHAV SINGH CHAUHAN | CSE |
| 83 | 2014083 | RAHUL MANCHANDA | CSE |
| 84 | 2014084 | RAJEEV NAGARWAL | CSE |
| 85 | 2014085 | RASHMI NAGPAL | CSE |
| 86 | 2014086 | RISHABH GUPTA | CSE |
| 87 | 2014087 | RISHI MOHAN | CSE |
| 88 | 2014088 | ROHAN HARI AGARWAL | CSE |
| 89 | 2014089 | ROUNAQ JHUNJHUNU WALA | CSE |
| 90 | 2014090 | SAGAR | CSE |
| 91 | 2014091 | SAHAR SIDDIQUI | CSE |
| 92 | 2014092 | SAHIL RUHELA | CSE |
| 93 | 2014093 | SAKTI SAURAV | CSE |
| 94 | 2014094 | SARTHAK MADAN | CSE |
| 95 | 2014095 | SARTHAK RASTOGI | CSE |
| 96 | 2014096 | SATYAM KUMAR | CSE |
| 97 | 2014097 | SHANTANU JAIN | CSE |
| 98 | 2014098 | SHIVAM RUSTOGI | CSE |
| 99 | 2014099 | SHREY BAGROY | CSE |
| 100 | 2014100 | SHUBHAM GOSWAMI | CSE |
| 101 | 2014101 | SHUBHAM MAHESHWARI | CSE |
| 102 | 2014102 | SIDDHANT VERMA | CSE |
| 103 | 2014103 | SIDDHARTH ARYA | CSE |
| 104 | 2014104 | SIDDHARTH SHARMA | CSE |
| 105 | 2014105 | SIDDHARTH SINGH | CSE |
| 106 | 2014106 | SONAKSHI GROVER | CSE |
| 107 | 2014107 | SUDHIR KUMAR | CSE |

| | | | |
|-----|---------|---------------------|-----|
| 108 | 2014108 | SUJEET | CSE |
| 109 | 2014109 | TANYA CHOWDHURY | CSE |
| 110 | 2014110 | TARUN KUMAR YADAV | CSE |
| 111 | 2014111 | UJJWAL KANODIA | CSE |
| 112 | 2014112 | UTKARSH SINGH | CSE |
| 113 | 2014113 | UTSAV DAVE | CSE |
| 114 | 2014114 | VASU | CSE |
| 115 | 2014115 | VASU VERMA | CSE |
| 116 | 2014116 | VATSAL SINGHAL | CSE |
| 117 | 2014117 | VEDAINT | CSE |
| 118 | 2014118 | VIKAS GODARA | CSE |
| 119 | 2014119 | VIPIN CHAUDHARY | CSE |
| 120 | 2014120 | VISHISHT KHILARIWAL | CSE |
| 121 | 2014121 | VIVEK NEGI | CSE |
| 122 | 2014122 | VRINDA MALHOTRA | CSE |
| 123 | 2014123 | YASH MOHAN SHERRY | CSE |
| 124 | 2014124 | YASHDEEP SINGH | CSE |
| 125 | 2014125 | AANKEET SWAIN | ECE |
| 126 | 2014126 | AARUSHI GUPTA | ECE |
| 127 | 2014127 | ABHISHEK RAJ | ECE |
| 128 | 2014128 | ADITYA DWIVEDI | ECE |
| 129 | 2014129 | ADITYA JAIN | ECE |
| 130 | 2014130 | AISHWARYA RAJ | ECE |
| 131 | 2014131 | AKASH DEEP SINGH | ECE |
| 132 | 2014132 | AKSHAT SINHA | ECE |
| 133 | 2014133 | AKSHAY SETHI | ECE |
| 134 | 2014134 | AMOGH VITHALKAR | ECE |
| 135 | 2014135 | ANEESH KALA | ECE |
| 136 | 2014136 | ANKIT GIRDHAR | ECE |
| 137 | 2014137 | ANSHUL CHAUHAN | ECE |
| 138 | 2014138 | ARCHIT GUPTA | ECE |
| 139 | 2014139 | ASHUTOSH GUPTA | ECE |
| 140 | 2014140 | DAANISH PAL SINGH | ECE |
| 141 | 2014141 | DEEPANSHU GEHLOT | ECE |
| 142 | 2014142 | GEETANK SINGH | ECE |
| 143 | 2014143 | HARISH FULARA | ECE |
| 144 | 2014144 | HIMANSHU | ECE |
| 145 | 2014145 | MANDEEP SINGH | ECE |
| 146 | 2014146 | MANISH KUMAR SINGH | ECE |
| 147 | 2014147 | MOHAMMAD NAYEEM | ECE |
| 148 | 2014148 | MOHD SHOAIB IQBAL | ECE |
| 149 | 2014149 | MUKESH GUPTA | ECE |
| 150 | 2014150 | PAARTH ARORA | ECE |
| 151 | 2014151 | PAURUSH RATHI | ECE |

| | | | |
|-----|---------|--------------------|-----|
| 152 | 2014152 | PRANAV SREEKUMAR | ECE |
| 153 | 2014153 | RAHUL RATHEE | ECE |
| 154 | 2014154 | RICHA CHOUDHARY | ECE |
| 155 | 2014155 | ROBIN SINGH | ECE |
| 156 | 2014156 | ROHAN JUNEJA | ECE |
| 157 | 2014157 | ROHAN TIWARI | ECE |
| 158 | 2014158 | SAMBHAV MALHOTRA | ECE |
| 159 | 2014159 | SARTHAK JINDAL | ECE |
| 160 | 2014160 | SAURAV KUMAR | ECE |
| 161 | 2014161 | SHIVAM KUMAR | ECE |
| 162 | 2014162 | SIDDHANT GANDHI | ECE |
| 163 | 2014163 | SIDHARTH SHARMA | ECE |
| 164 | 2014164 | SOHAN KUMAR | ECE |
| 165 | 2014165 | SUVEER GARG | ECE |
| 166 | 2014166 | TANEEA S AGRAWAAL | ECE |
| 167 | 2014167 | TANUJ SINGH MAAN | ECE |
| 168 | 2014168 | TARUN VERMA | ECE |
| 169 | 2014169 | VAHINI UMMALANENI | ECE |
| 170 | 2014170 | VARUN JAIN | ECE |
| 171 | 2014171 | VIKAS VIKRAM SINGH | ECE |
| 172 | 2014172 | YASHANK KUMAR | ECE |

PhD Program Guidelines for Computational Biology (CB)

Eligibility Criteria:

- BTech / BE / MTech / MS / ME in CS / IT / ECE / EE / Other Eng.
 - CGPA at least 6.5 on a scale of 10 (or equivalent). If your institute does not provide CGPA in the transcript, then at least 60% marks is required to be eligible.
 - MCA/MSc(CS/IT/ECE/EE and allied areas) degree is considered equivalent to the BTech/BE degree. Such students are also eligible to apply with the condition that they have BSc in Computer Science or BSc in any other subject with Mathematics as one of the courses. The marks requirement is same as that given above for BTech/BE degrees.
- MSc in any other science discipline is also eligible for PhD in CB who meets the following requirements:
 - At least 60% marks in both B.Sc and M.Sc.
 - Students must have undertaken at least two years of mathematics at the B.Sc level that includes calculus and algebra.
- A Valid NET/GATE score is essential for a PhD aspirant in CB at IIITD.

Desirable Qualification:

- Knowledge in computer programming using C, C++, Fortran, Matlab, Mathematica etc.
- Mathematical skill including Calculus, Linear Algebra, Ordinary Differential Equation (ODE), Partial Differential Equation (PDE) etc.

Requirements may be relaxed for exceptional candidates with publications/ R&D/software development experience in their area of interest or those from institutes of national and international repute.

Admission Process:

The schedule for rolling PhD admission is as below:

Summer round: July (every year)

Autumn round: Dec, 1 week after the end of semester (every year)

Spring round: April (every year)

For the rolling admission process, the following steps needs to be followed:

A student contacts a faculty member who can be a potential supervisor (or vice-versa)

1. The faculty member gets the potential candidate's CV and any other relevant paperwork (letters of recommendation, mark sheets etc.). These are forwarded to admin-phd@iiitd.ac.in for preliminary checks.
2. The faculty member puts together an interview committee, and organises a date for interviewing the candidate. The candidate may be asked to give a talk at this meeting. The chair of the interviewing committee is usually not the potential supervisor.
3. Usually, some or all members of the interviewing committee are expected to be part of the student's monitoring committee, if he or she is accepted into the PhD program. The

monitoring committee conducts an annual review of the student's progress through the course of the PhD.

4. After the assessment of the student, the interviewing committee returns a verdict of "accept" or "reject". If the former, then the interviewing committee along with the supervisor, proposes a set of courses to be taken by the student.
5. The chair of the interviewing committee writes to the faculty member, confirming their decision (and coursework recommendations, if "accept"). The faculty member forwards these recommendations, the CV etc., and the composition of the monitoring committee (if "accept") to the academic administration (by e-mail to admin-phd@iiitd.ac.in). The academic administration then forwards on to the Director for final approval (if "accept"), and follows up with necessary paperwork. Approvals from the PGC are also handled at this stage, before sending a recommendation to the Director.



Regulations for the BTech (CSE) Program

1. Preamble

IIIT Delhi aims to encourage research and innovation in Information Technology (IT) and allied areas. The objective of the BTech program in Computer Science and Engineering (CSE) is to prepare students to undertake careers involving innovation and problem solving using computational techniques and technologies, or to undertake advanced studies for research careers **or to take up Entrepreneurship**.

In order to give due importance to applied as well as theoretical aspects of computing, the curriculum for the BTech (CSE) program covers most of the foundational aspects of computing sciences, and also develops in students the engineering skills for problem solving using computing sciences.

Most engineering programs start with general courses in Sciences, and then migrate to specialized courses for the disciplines. While these courses are indeed foundational for many engineering disciplines, they can be treated as application domains (as is evidenced from the fact that most sciences and Engineering disciplines heavily use computing now). Hence, the BTech (CSE) program at IIIT-Delhi starts with computing oriented courses first, and allows the possibility of doing science courses later. Besides being better suited for a CSE program, it also enables the possibility of students seeing newer applications and possibilities of using computing in these subjects.

With this approach, the BTech (CSE) program can be divided broadly in two halves. The first half focuses on building the foundations, and is highly structured. The second part is for developing the skills and knowledge of the students in various topics – computing and application domains. This part also provides limited specializations, and different students may follow different paths and take different set of courses in it. **Overall objectives of the B.Tech.(CSE) program are to help develop the following attributes in students:**

1. Understanding of theoretical foundations and limits of computing
2. Understanding of computing at different levels of abstraction including circuits and computer architecture, operating systems, algorithms, and applications.
3. Ability to adapt established models, techniques, algorithms, data structures, etc. for efficiently solving new problems
4. Ability to design, implement, and evaluate computer based system or application to meet the desired needs using modern tools and methodologies
5. Ability to function effectively in teams to accomplish a common goal
6. An understanding of professional and ethical responsibility.
7. Ability to communicate effectively with a wide range of audience

8. Ability to self learn and engage in life-long learning
9. Understanding and ability to use advanced techniques and tools in different areas of computing
10. Ability to undertake small research tasks and projects
11. Ability to take an idea and develop into a business plan for an entrepreneurial venture (if desired)
12. An understanding of the impact of solutions in an economic, societal, and environment context.

This document specifies the specific regulations for the BTech (CSE) program – the general regulations for the BTech program are given in a separate document. These regulations are in addition to the regulations of the BTech program.

2. The Foundation Program and Core Courses

1. The Foundation program provides the basic knowledge about CS through a set of core courses, which are compulsory for all students. This program consists of four major streams: software, hardware, theory, and systems. Besides these, there are courses in Maths, communication skills, environment studies also as part of the core program.
2. The set of core courses are shown in the table below (courses mentioned in [] are electives and actual courses for these slots are as defined from semester to semester.)

| | Sem 1 | Sem 2 | Sem 3 | Sem 4 |
|---------------------------|-------------------------|-------------------------------------|----------------------------|---|
| Software Stream | Intro to Programming | Data Structures and Algorithms | Advanced Programming | Databases and SQL |
| Hardware Stream | Digital circuits | Computer organization | | |
| Theory Stream | | | Discrete Math | Algorithm Design and Analysis |
| Systems stream | System Management | | Operating Systems | Computer Networks |
| Maths | Math 1 (Linear Algebra) | Math 2 (Probability and Statistics) | | |
| Communications/HSS | Communication Skills | [HSS-1] | [[HSS-2] | Technical Communication (2 credits) |
| Other Courses | | | [Engineering Science/Math] | Environment studies (2 credits) [Engineering Science/Math] |

3. The semester mentioned for the core courses is indicative and suggested, and they can be done later/earlier also. However, the pre-requisite requirements must be kept in mind by a student, if he/she wishes to do a core course in some other semester.
4. In the Engineering Science/Math course slots in second year, students can take only from the list of courses specified for those slots.

3. The Advanced Part and Streams

1. The rest of the program consists mostly of *elective courses*. An elective course is one which is not compulsory, and a student may have choices from which to select the courses he/she wants to do.
2. Some of the electives may be organized as *streams*, where a stream is a sequence of courses in an area providing a limited specialization in that area.
3. Besides electives and streams for specialized areas, streams and electives from domain areas (e.g. health, life sciences, finance, economics, E-Governance, sciences, etc.) may also be offered.
4. The number and nature of streams and electives will evolve and may change with time, providing the ability to accommodate the evolving nature of computing and its applications in the program. Some of the current streams are in these areas:
 - Image Processing and Machine Intelligence
 - Data Analytics
 - Mobile Computing
 - Security and Privacy
 - Hardware
 - Theory
 - Finance
 - Environment
 - Economics
 - Sciences (Physics, Biology)
5. There will also be a set of Humanities and Social Sciences (HSS) courses offered.
6. List of courses, and further information about the courses is available on the website: <http://www.iiitd.ac.in/courses.php>

4. Requirements for Graduation

For a BTech (CSE) degree, a student must satisfy all the following requirements:

1. Earn a total of 152 credits (equivalent to 38 full courses – 20 courses in the first two years, and 18 courses in the last two years.)
2. Successfully complete all the core courses.

3. Do at least 12 credits of Humanities and Social Sciences Courses.
4. Do 2 credits of Community Work and Self Development each. These are pass/fail credits, which are required to be completed, but do not count for fulfilling the credit requirement (i.e. these are in addition to the requirements mentioned above)
5. In the last four semesters, a do at least 32 credits of CSE courses. BTP/Independent project/Independent study/Undergraduate Research cannot count for this requirement. UGC may approve some other relevant courses (e.g. from Math, ECE, Computational Biology, etc.) to be counted as CSE courses for this purpose.
6. A BTech Project (BTP) is optional. A student opting for BTP, may take a total of 8 to 16 credits of BTP. In a semester, the student can normally register for at most 8 credits of BTP.
7. External BTP – A student may be permitted to do, with approval, a BTP of up to 12 credits in one semester in another organization like industry, research lab, another institution, etc. While doing External BTP, a student cannot register for any course in the Institute.
8. A student may take “Independent Project” or “Independent Study” or “Undergraduate Research” courses for 1, 2, or 4 credits. No more than 8 of these credits can count towards satisfying the credit requirements of the degree. Only students with satisfactory CGPA (at least 7.5) or with a strong interest in some area (the faculty advisor to determine this) can take these courses.

5. Honors Program

The BTech (CSE) program has the Honors option, requirements for which are same as specified in the regulations for the BTech program. Namely

1. The student must earn an additional 12 credits (i.e. must complete at least 164 credits)
2. The student’s program must include a BTech Project
3. At graduation time, the student must have a CGPA of 8.0 or more

Change History

- Version 2.0 (Dec 2010). Main changes: Graduation requirements enhanced to 152 (8 more); system management, critical reading, and technical communication were made full 4 unit courses (and the 2 unit course in 4th year on interview skills was removed), and an additional Maths course (4 unit) was added in the second year.
- Version 2.1 (April 2012): This is now stated as requirements for CSE. Math 1 has been made a core course, and TOC has been made an elective. A design course introduced as core course in 2nd semester. The elective slots in 2nd year has been marked as Engineering Science/Maths and it has been clarified that in these slots, students can take only from the list of courses specified for them. Clarified that 2 credits of SG and 2 credits of CW must be done. Clarified that only 4 credits of BTP/IP/IS/UR can be counted for meeting the 8 credit CSE/Math per semester requirement. Clarification that total credits is 20 courses in first 2 years, and 18 in last two. BTP credit range changed to 8 to 16 credits.

- **July 2013 Release**

Preamble modified

Critical reading and Software Engineering removed from core

In 2nd year, it is indicated that TCOM can be done

Math 1 and Math 2 explained

Intro to Engg Design added in 2nd sem as sequel to System Management

Added the regulation for BTP External

Changed the 8 CSE credits per semester to 32 CSE credits in last four semesters.

July, 2014 release: Only a few minor changes done

November, 2014 release: Program Objectives added

Note: Modifications above are highlited in red color

Admission to B.Tech. Programs -2015

Admission criteria

Admission will be based on the total marks obtained in Paper 1 of JEE Main 2015 and normalized score in Class 12th as provided by JEE (60% & 40% weightage respectively). In addition up to 10 bonus marks will be given to candidates as mentioned.....

Eligibility

A candidate who has secured 80 percent or more marks in aggregate (including Physics, Chemistry and Math) 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 Paper 1 of JEE (Main) 2015 and normalized score in Class 12th.

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 for aggregate, the best five will be taken into account. No candidate without proof of at least 80% in aggregate(including Physics, Chemistry and Math) and 80% in Mathematics will be entertained for admission even if he/she qualifies the JEE (Main) 2015..

Age criteria

A candidate should be less than 25 years of age as on the first October 2015.

Relaxation in eligibility condition for reserved categories

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:

- (a) **Scheduled Castes (SC):** A relaxation of 10 per cent marks in the eligibility requirements for the seats reserved for them.
- (b) **Scheduled Tribes (ST):** A relaxation of 10 percent marks in the eligibility requirements for the seats reserved for them.
- (c) **OBC:** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.
- (d) **Defence:** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.
- (e) **Persons with Disability (PwD):** A relaxation of 5 percent marks in the eligibility requirements for the seats reserved for them.
- (f) **Kashmiri Migrants (KM):** One seat, which will be supernumerary in nature, is earmarked for Kashmiri migrants.

NOTE:

- i. In the case of category(a) and (b), the vacant seats are interchangeable (Not applicable for Delhi region). Any seat left vacant after conversion from (a) to (b) or vice-versa will be treated as unreserved.
- ii. In case sufficient numbers of eligible candidates from category mentioned at (c), (d) and (e) are not available, the vacancies will be **treated as unreserved**.
- iii. The reservation under Defence category is available only to such candidates who fall under the seven priorities listed below.
- iv. It is the sole responsibility of the candidate to prove his/her eligibility for claiming reservation under any of the reserved categories. The candidates under SC/ST/Defence/PwD categories will be required to produce the original certificate of the respective reserved category issued by the competent authority at the time of counseling. If the category certificate is not found to be in order, no benefit of the reserved category will be given.

| ACADEMIC CALENDAR | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--|-----------------|--|----------------------------------|-----------|-----|---------------------------|-----|-------------------------|-----------------|--------------------------------|----------|-----------------------|-----|--------------------|------------------------|-------------------------|------------------------------------|-------------------|-----|----------|-------------------------|-----|-----|-------------|--|-------------|--|--|--|
| (Winter Semester 2015 - 30 Dec 2014-6 May 2015) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Week 0 (January) | | | | | | Week 1 (January) | | | | | | Week 2 (January) | | | | | | Week 3 (January) | | | | | | | | | | | |
| Tue | Wed | Thurs | Fri | Sat | Sun | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | | | | | | |
| 30 | 31 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 12 | 13 | 14 | 15 | 16 | 17 | 19 | 20 | 21 | 22 | 23 | 24 | | | | | | |
| End of Winter Vacations | | New Year H | 3 Days Module for BTech students | | | 1st Day of Class | | Last day for Late Regn. | | Last day for courses Add/ Drop | | | | | | | | | | | | | | | | | | | |
| Week 4 (January) | | | | | | 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 | | | | | | |
| 26 | 27 | 28 | 29 | 30 | 31 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 20 | 21 | | | | | | |
| Republic Day | | | | Odyssey | | | | | | | TT - FRI | | | | | | | | | | | | | | | | | | |
| GH | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Week 8 (February) | | | | | | Week 9 (March)-Mid Recess | | | | | | Week 10 (March) | | | | | | Week 11 (March) | | | | | | | | | | | |
| Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 2 | 3 | 4 | 5 | 6 | 7 | 9 | 10 | 11 | 12 | 13 | 14 | 16 | 17 | 18 | 19 | 20 | 21 | | | | | | |
| Mid-Sem Examinations Week | | | | | | | | | | Holi | | | | | Research Showcase | Last day for Late Drop* | | | | | | | | | | | | | |
| | | | | | | | | | | 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 | Thurs | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 30 | 31 | 1 | 2 | 3 | 4 | 6 | 7 | 8 | 9 | 10 | 11 | 13 | 14 | 15 | 16 | 17 | 18 | | | | | | |
| | | | | Ram Navmi | | | | | Mahavir Jayanti | Good Friday | | | | | | TT - THURS | | | | TT - FRI | Pre-Registration Starts | | | | | | | | |
| | | | | GH | | | | | GH | GH | | | | | | | | | | | | | | | | | | | |
| Week 16 (April) | | | | | | Week 17 (April-May) | | | | | | Week 18 (May) | | | | | | Week 19 (May) | | | | | | | | | | | |
| Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thur | Fri | Sat | Mon | Tue | Wed | Thurs | Fri | Sat | | | | | | |
| 20 | 21 | 22 | 23 | 24 | 25 | 27 | 28 | 29 | 30 | 1 | 2 | 4 | 5 | 6 | 7 | 8 | 9 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | |
| | BTP Submission | | | | | | | | | BTP Presentation | | Buddha Purnima | | Moderation Meeting | Summer Vacation starts | Pre-Registration Ends | Announcement of Grades (tentative) | | | | | | | | | | | | |
| | Last Day of the | End-Sem Examinations/Labs/Demos/Projects | | | | | | | | | GH | | | | | | | | | | | | | | | | | | |
| H: Holidays | | | | | | | | | | | | GH: Gazetted Holidays | | | | | | | | | | | | | | | | | |
| 1 Jan (Thurs) | | New Year Day | | | | | | | | | | 26 Jan (Mon) | | Republic Day | | | | | | | | | | 6 Mar (Fri) | | Holi | | | |
| 28 Mar (Sat) | | Ram Navmi | | | | | | | | | | 2 Apr (Thur) | | Mahavir Jayanti | | | | | | | | | | 3 Apr (Fri) | | Good Friday | | | |
| 4 May (Mon) | | Buddha Purnima | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Summer Vacation : 7th May 2015 onwards | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| *Note: Late Drop for a 2 Credits Course(Offered for half a seemster) can be done till 2/3rd of the course is done. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Modification of PG Regulations for handling different disciplines

| Clause No. | Existing Provision | Proposed modifications |
|------------|--|--|
| 1 | <p>General</p> <p>(1) This document gives the general regulations applicable to all MTech and PhD programs. Specific requirements for a particular MTech program (e.g. MTech in Computer Science and Engineering) are specified in regulations for that program.</p> <p>(2) While the Senate is the main statutory body for all academic matters, the Postgraduate Committee (PGC), a standing committee of Senate, shall oversee matters related to the postgraduate program. This committee shall be appointed by the Senate and shall have a term of two years. It may consist of Faculty members, Research staff, and members of the Senate. In addition, there will be at least one student representative, who will be a full time PG student of the Institute.</p> | <p>1.General</p> <p>(1) This document gives the general regulations applicable to all MTech and PhD programs. Specific requirements for a particular MTech program (e.g. MTech in Computer Science and Engineering) are specified in regulations for that program. For PhD, special requirements for different disciplines (e.g. CSE, ECE) are given at the end of this document – these special requirements have to be satisfied by PhD students in that discipline.</p> <p>(2) While the Senate is the main statutory body for all academic matters, the Postgraduate Committee (PGC), a standing committee of Senate, shall oversee matters related to the postgraduate program. The committee will comprise of a PhD coordinator for each of the disciplines, program coordinators for all MTech programs, the UG Committee Chair, and at least one student representative who will be a full time PG student of the Institute. The committee may coopt, with permission of Chairman, Senate, other Faculty members, Students, Research staff, and members of the Senate in PGC.</p> |
| 6 | <p>(5) An MTech student can change his/her program to PhD and continue to do the course/research work to enable him/her to meet the requirements of the PhD degree. The</p> | <p>(5) An MTech student can change his/her program, if permitted, to PhD and continue to do the course/research work to enable him/her to meet the requirements of the PhD degree. The</p> |

| | | |
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| | <p>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.</p> | <p>student will be eligible for PhD stipends only from the time he/she is enrolled 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.</p> |
| 15 | <p>(6) Monitoring Committee</p> <p>a. The PG Committee shall form a monitoring committee for each candidate, whose task will be to independently monitor and report on the progress of the candidate. The committee should generally be formed before the end of the candidate's second semester in the program. The monitoring committee shall consist of at least one supervisor and at least two other experts, who may be faculty members of the Institute. The monitoring committee shall submit its evaluation about the progress of the candidate, at least once a year. If the monitoring committee feels that the candidate is not making sufficient progress, it may recommend suitable actions to be taken.</p> | <p>(6) Monitoring Committee and Yearly Review / Yearly Seminar</p> <p>a. The PG Committee shall form a monitoring committee for each candidate, whose task will be to independently monitor and report on the progress of the candidate. The committee should generally be formed before the end of the candidate's second semester in the program, and should consist of at least three faculty members/experts.</p> <p>b. The monitoring committee shall submit its evaluation about the progress of the candidate, at least once a year. If the monitoring committee feels that the candidate is not making sufficient progress, it may recommend suitable actions to be taken, including recommending that the student leave the PhD program or migrate to MTech, as given in 6(3). This review may be done by requiring the PhD students to make presentations about their progress, or through some other method.</p> |
| | <p>(8) Regular Seminars</p> <p>a. This requirement is included to</p> | <p>(8) Regular Seminars / Yearly Review</p> <p>The requirement for regular seminar or a</p> |

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| | <p>develop the confidence in presentations by the PhD students, as well as provide a forum for the student to present his/her work (perhaps before taking it to a wider audience.) Each PhD student is expected to give at least one seminar each year in the Institute. It is expected that the later seminars will be based on the student's PhD research work. During his/her stay, the PhD student must give at least two such seminars. Each seminar will also be used as an indicator of progress, and shall be attended by the monitoring committee of the candidate, which shall submit a report to the PG Committee.</p> | <p>yearly review is moved to item (6)</p> |
| 19 | - | <p>Special Discipline-Specific Requirements for PhD</p> <p>(1) Special Requirements for CSE None</p> <p>(2) Special Requirements for ECE</p> <p>a) The first yearly review will be done through a viva-voce, in a manner as specified and notified by the PhD coordinator for ECE.</p> <p>b) Students joining the PhD program with MTech degree will need to do at least 20 credits of course work.</p> |

| Monsoon 2014 Registration Status | | |
|----------------------------------|--------------------------------------|---------------------|
| Course Code | Title | Registration Status |
| Core Courses | | |
| COM101 | Communications Skills | 364 |
| CSE101 | Intro to Programming | 172 |
| CSE111 | Digital Circuits | 171 |
| CSE131 | Systems Management | 169 |
| MTH100 | Maths I | 169 |
| CSE121 | Discrete Mathematics | 119 |
| CSE201 | Advanced Programming | 133 |
| CSE231 | Operating Systems | 118 |
| ECE270 | Embedded Logic Design | 44 |
| ECE213 | Linear Circuits | 37 |
| ECE250 | Signals & Systems | 34 |
| CSE230 | System Administration | 34 |
| MTH203 | Maths III | 66 |
| Elective Courses | | |
| BIO3FOB/BIO5FOB | Foundations of Biology-I | 30 |
| BIO3XX | Bio Physics | 10 |
| BIO303/BIO503 | Introduction to Mathematical Biology | 12 |
| DES3NLE | Non Linear Editing | 38 |
| CSE300 | Software Engineering | 69 |
| CSE301/CSE601 | Compilers | 73 |
| CSE340/CSE540/ ECE350 | Image Analysis | 104 |
| CSE343/CSE543 | Machine Learning | 44 |
| CSE345/CSE545 | Foundations of Computer Security | 136 |
| CSE3AAG/CSE5AAG | Approximation Algorithms | 17 |
| CSE3CVA/CSE5CVA | Computer Vision Applications | 6 |
| CSE3CG | Computer Graphics | 16 |
| CSE3NS/CSE5NS | Network Security | 30 |
| CSE4AI | Artificial Intelligence | 9 |
| CSE503 | Program Analysis | 37 |
| CSE506 | Data Mining | 49 |
| CSE507 | Database Systems Implementation | 38 |
| CSE521 | Logic for Computer Science | 9 |
| CSE524 | Theory of Modern Cryptography | 8 |
| CSE525 | Graduate Algorithms | 49 |
| CSE535 | Mobile Computing | 171 |
| CSE539 | Cellular Data Network | 111 |

| | | |
|--------------------------------|---|-----|
| CSE546 | Applied Cryptography | 48 |
| CSE5xx | Internet Security and Privacy | 13 |
| CSE6PRML | Advanced Pattern Recognition and Machine Learning | 6 |
| CSE609 | Statistical Computation | 7 |
| CSE632 | Semantic Web | 12 |
| CSE640 | Collaborative Filtering | 4 |
| CSE693B | Special Topics in Test Engineering | 12 |
| CSE7NAP | Network Anonymity and Privacy | 7 |
| ECE3xx/ ECE5xx/ CSE3xx/ CSE5xx | Smart Electronic System Design Paradigm | 35 |
| ECE314/514 | Digital VLSI Design | 55 |
| ECE315/ECE515 | Analog CMOS Circuit Design | 27 |
| ECE321/521 | RF Circuit Design | 35 |
| ECE340 | Digital Communication Systems | 39 |
| ECE351 | Digital Signal Processing | 28 |
| ECE362S/ECE562S | Wavelet Transform and Applications | 9 |
| ECE454/ECE554 | Compressive Sensing | 15 |
| ECE501 | Probability and Random Processes | 27 |
| CSE504S/ECE504S | Research Seminar | 21 |
| ECE570 | Control Theory | 19 |
| ECO301 | Introduction to Economic Analysis | 104 |
| ECO3IGT | Introduction to Game Theory | 31 |
| ENT401 | Entrepreneurship | 10 |
| ESC205 | Environmental Sciences | 56 |
| PHY301 | Physics - I | 11 |
| MTH3MCS/MTH5MCS | Modelling Complex Systems | 4 |
| MTH305/MTH505 | Linear Optimization | 14 |
| ECE3EO/ECE5EO//MTH5EO | Engineering Optimization | 20 |
| HSS202 | Perspectives on Knowledge | 43 |
| HSS204 | Introduction to Psychology | 44 |
| HSS210 | History of the Indian National Movement | 76 |
| HSS211 | Theatre Appreciation | 39 |
| HSS2CT | Critical Thinking | 15 |
| HSS2CA | Cultural Anthropology | 49 |
| FIN401 | Foundations of Finance | 74 |

| Late Drop - Monsoon 2014 | | | |
|--------------------------|-----------------------|----------|-----------------------------------|
| S.No. | Name | Roll No. | Course Dropped |
| 1 | Yash Lamba | 2010097 | Foundations of Computer Security |
| 2 | Ankur Poria | 2011023 | Mobile Computing |
| 3 | Charupriya Sharma | 2011037 | Approximation Algorithms |
| 4 | Deepika Moorjani | 2011041 | Approximation Algorithms |
| 5 | Jagrati Gogia | 2011054 | BTP |
| 6 | Manish Rana | 2011063 | Program Analysis |
| 7 | Utkarsh Gupta | 2011117 | Approximation Algorithms |
| 8 | Aditya Kumar | 2012008 | Computer Graphics |
| 9 | Prashant Singh Bharti | 2012016 | Introduction to Economic Analysis |
| 10 | Ashish Khattar | 2012026 | Approximation Algorithms |
| 11 | Ashwin Methew | 2012028 | Critical Thinking |
| 12 | Hardik Chaudhary | 2012038 | Software Engineering |
| 13 | Priyanka Yadav | 2012081 | Introduction to Economic Analysis |
| 14 | Ritwik Shokeen | 2012085 | Computer Graphics |
| 15 | Siddhartho Das | 2012104 | Image Analysis |
| 16 | Udai Chopra | 2012114 | Image Analysis |
| 17 | Vaibhav Gosain | 2012115 | Applied Cryptography |
| 18 | Abhishek Kumar | 2012123 | RFCD |
| 19 | Aman Singhal | 2012127 | Introduction to Economic Analysis |
| 20 | Bavneet Singh | 2012132 | Digital Signal Processing |
| 21 | Harsh Solanki | 2012135 | Control Theory |
| 22 | Prateek Singh | 2012149 | Control Theory |
| 23 | Shubham Kaul | 2012161 | Control Theory |
| 24 | Abhishek Jain | 2013004 | Bio Physics |
| 25 | Bhavna Nagpal | 2013029 | Introduction to Economic Analysis |
| 26 | Chanchal Prajapati | 2013030 | Foundations of Biology |
| 27 | Kartik Maji | 2013051 | Bio Physics |
| 28 | Manan Wason | 2013056 | Introduction to Economic Analysis |
| 29 | Nikita Gupta | 2013068 | Bio Physics |
| 30 | Nitesh Kumar | 2013069 | Perspectives of Knowledge |
| 31 | Ojaswi Gupta | 2013071 | Introduction to Economic Analysis |
| 32 | Priyankshu Singh | 2013074 | Maths III |
| 33 | Protichi Basak | 2013075 | Bio Physics |
| 34 | Rachna | 2013077 | Introduction to Economic Analysis |
| 35 | Ritwik Kaul | 2013079 | Maths III |
| 36 | Rupam Putir | 2013081 | Foundations of Biology |

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|----|-------------------------|----------|---|
| 37 | Sameer Kumar | 2013086 | Introduction to Economic Analysis |
| 38 | Saransh Gupta | 2013089 | Maths III |
| 39 | Subodh Yadav | 2013110 | Maths III |
| 40 | Tarun Malhotra | 2013112 | Maths III |
| 41 | Vishal | 2013118 | Perspectives of Knowledge |
| 42 | Vishal M | 2013120 | Foundations of Biology |
| 43 | Yashovardhan Sharma | 2013121 | Introduction to Economic Analysis |
| 44 | Garishma Sinha | 2013134 | Introduction to Economic Analysis |
| 45 | Masroor Ahmad | 2013137 | Introduction to Economic Analysis |
| 46 | Parth Srivastava | 2013146 | Introduction to Economic Analysis |
| 47 | Robin Singh Ratre | 2013151 | Cultural Anthropology |
| 48 | Saket Kumar Verma | 2013154 | Introduction to Economic Analysis |
| 49 | Sanket Jain | 2013156 | Introduction to Economic Analysis |
| 50 | Siddharth Jain | 2013161 | Bio Physics |
| 51 | Simranjeet Singh | 2013162 | Cultural Anthropology |
| 52 | Srinidhi Hegde | 2013164 | Introduction to Economic Analysis |
| 53 | Utkarsh Upadhyaya | 2013167 | Introduction to Economic Analysis |
| 54 | Vishal Ranjan | 2013170 | Perspectives of Knowledge |
| 55 | Milan Jain | MT12067 | Statistical Computation |
| | | | Modelling Complex Systems |
| 56 | Vaishali Garg | MT13018 | Thesis(8 Credits) |
| 57 | Adarsh Dubey | MT13031 | Logic of Computer Science |
| 58 | Kireet Pant | MT13037 | Statistical Computation |
| 59 | Anjali Chikara | MT13062 | Thesis(4 Credits) |
| 60 | Jitendra Singh Bisht | MT13096 | Machine Learning |
| 61 | Priyanka Verma | MT13100 | Advanced PRML |
| 62 | Mahek Shah | MT13106 | Advanced PRML |
| 63 | Abhinav Jain | MT13121 | Independent Study(With Jyoti Sinha Ma'am) |
| 64 | Himanshi Saini | MT13155 | Probability and Random Process |
| 65 | Nilesh Chander Varshney | MT13159 | Scholarly Paper(4 Credits) |
| 66 | Himanshu Varshney | MT14049 | Foundations of Computer Security |
| 67 | Amit Kumar Chauhan | PhD1212 | Approximation Algorithms |
| 68 | Haroon Rashid | PhD1307 | Research Seminar |
| 69 | Monika Singh | PhD1312 | Network Annonimity and Privacy |
| 70 | Megha Agrawal | PhD1313 | Network Annonimity and Privacy |
| 71 | Prakhar Chatterjee | PhD14105 | Program Analysis |

Annexure-VIII

REVISED DRAFT

**INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY
DELHI**



Guidelines for Ph.D. thesis Evaluation

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

Guidelines for Ph.D. thesis Evaluation

The rules for Ph.D. thesis submission, thesis evaluation, thesis Defense and award of Degree are detailed in Regulations 15(10), 15 (11) and 15(12) of the PG regulations available at the following link:

<http://www.iiitd.ac.in/sites/default/files/docs/education/2014%20August-PG-Regulations.pdf>

Main Steps in PhD Thesis Evaluation

1. Student submits thesis synopsis to the Adviser. Thereafter, the Adviser submits to Chair, PGC a panel of names in the prescribed form.. Within one month after the synopsis submission, the final thesis has to be submitted. In discussion with the advisers, the PGC Chair also selects some possible date ranges, which are approximately **6 to 8** weeks after the date of thesis submission, when the defense can be held.
2. From the panel, the PGC chair selects the final names, and may consult only Chairman, Senate, on this matter. These names are kept confidential till the report is submitted. (Initially, it will be best if at least **five** of the examiners are from academia.)
3. The PGC chair (or his rep) sends a suitable mail, along with the synopsis, to chosen examiners requesting them to be the examiner for the thesis, submit the report in 6 weeks, and join the defense (on telecom or skype). If any examiner declines, alternate is chosen from the panel.
4. Upon receiving the accepts, arranges to send to the examiners the thesis and the evaluation form, and fixes the possible dates for the defense from the chosen ones
5. PGC Chair arranges to send a reminders after 3, 4, and 5 weeks to the examiners who have not submitted the review.
6. Upon receiving a reports, the PGC chair examines them and decides whether a defense can be held as planned, or if more time is needed before it can be held (and so it should be postponed.)
7. As the reviews are obtained, they are given to the student and the supervisors. The student is expected to address all the issues raised by the examiners. After making appropriate changes in the thesis to address the issues, the student should submit the final thesis, along with a supporting note listing each of the issues raised by the examiners and his/her reply and any changes that may have been made to the thesis.
8. When ready, fixes the date of the defense, and informs all examiners, faculty, PhD students, etc and announces it on the web. The examiners are all sent the final thesis and the reply note prepared by the student.

9. Defense is held, and final report is submitted. The examining committee is also expected to review the reply note prepared by the student and satisfy them that the issues raised by the examiners have been satisfactorily addressed. The final report should be signed by all examiners – either physically, or through email reply.

10. Tentative time table for Ph.D. thesis evaluation

| S.No | Steps | Date |
|------|---|---|
| 1 | On completion of course work, comprehensive examination and research work the Ph.D. student submits to his/her supervisor extended abstract on the thesis (synopsis) along with the list of papers published and submitted based on PhD work | 05.01.2015 |
| 2 | Supervisor submits the synopsis to Chair, PGC along with a panel of atleast eight names for Ph.D. thesis examination | 06.01.2015 |
| 3 | Ph.D. student is expected to submit thesis for evaluation | 04.02.2015 |
| 4 | Admn-PGC forwards the thesis to examiner(s) whose acceptance for evaluating the thesis has been received | 05.02.2015 |
| 5 | To remind examiner if no acknowledgement is received about receipt of thesis | 12.02.2015 |
| 6 | To remind the examiner to expedite the evaluation report | 20.03.2015 |
| 7 | To hold thesis defense between 6 to 8 weeks of receipt of thesis by the examiner | Date of defense to be finalized after taking input from the examiners |

2. Thesis and Synopsis Submission

PhD thesis evaluation process is initiated by submission of a thesis Synopsis, followed by the full thesis within 30 days of Synopsis submission. To be eligible to submit the Synopsis and Ph.D. thesis for evaluation, the candidate is required to have completed the course work as well as the comprehensive.

The format for preparation of Ph.D. thesis is placed at [Annexure-I.](#) An application form for submission of final thesis is given at [Annexure-II](#)

In discussion with the advisers, the PGC Chair selects some possible date ranges, which are approximately **6 to 8** weeks after the date of thesis submission, when the defense can be held. These dates can be used when communicating with the potential thesis examiners

3. Guidelines for forming the panel of examiners for thesis examination

Along with the synopsis, the advisers have to give a panel of at least **eight** names for Ph.D. thesis examination. The goal is to have the panel comprise of researchers who are working in the area of PhD thesis and who are appropriate for thesis evaluation. Guidelines for panel formation are:

- Initially it is desirable to have more names in the panel (say eight), and more from academia – it is suggested that at least five of the eight names should be from academia.
- Normally, only faculty from reputed university/department like IITs/IISc/IITM in India (or similar ones abroad) should be proposed. If from industry, should normally be from some reputed research lab.
- Proposed examiners should be at the rank of Associate Professor or above, or should have an equivalent experience (6+ years after PhD). **Supervisor can include other names with proper justification.**
- Conflict of interest – the proposed (non-supervisor) examiners should not have authored any paper **which is included (even in parts) in the thesis**, with the PhD candidate.
- For each name in the panel, a statement about the person's suitability, along with the list of a couple (say two) papers authored by him/her in the area, should be provided.
- The panel should be approved by the last monitoring committee of the PhD student (or the comprehensive committee), before submitting to the PGC.
- The adviser should send the panel in the prescribed form to PGC chair, along with a synopsis (or a suitable extended abstract) which can be used to request the examiners for evaluation of Ph.D. thesis.

A sample copy of the form for forming the panel of examiners for evaluation of Ph.D. thesis is placed at **Annexures-III**.

4. Appointment of panel of examiners

In terms of Regulation 15 (11) a panel of examiners comprising of the following may be selected by the PG Committee from the list provided by the Supervisor:

- (i) Supervisor(s)
- (ii) A minimum of 3 non-supervisor examiners, at most one of which can be from within the Institute

After the examiners have been selected, the PG Committee Chairman will send an invitation letter by email to get acceptance from the concerned examiners i.e. external & Internal examiners (from outside the Institute and from within the institute). On receipt of

acceptance/confirmation a copy of the thesis will be sent to the examiner for evaluation and report. Sample copy of email letter are placed at **Annexure-IV & V**.

The examiners are requested to send by email the acknowledgement for receipt of the thesis. If no acknowledgement is received from the examiner within a week of sending the thesis, a reminder will be sent to the concerned examiner to obtain confirmation.

In this concurrence, the approximate date for final Viva should also be determined.

Normally, all correspondence and communication will be through email. Thesis will also be sent by email, unless the examiner requests a hard copy.

Note that the list of examiners should normally not be disclosed till the thesis review is complete; after that it is public information. In reviews, the name of the reviewer should not be disclosed even in the PhD defense. Only the PGC chair (or his/her authorized representative) should interact with the examiners, once they have been selected, till the reviews have been submitted. The student should never contact the examiners, and the supervisors may do so only when requested/permitted by the PGC chair.

5. Evaluation form for the Examiners

A copy of the Ph.D. Evaluation form to be used by the examiners, is placed at **Annexure-VII**

Apart from the recommendation to be made in the form, the examiners will be requested to elaborate the reasons underlying their recommendation in an **Appendix**. In it, they may want to:

- Highlight the points, which, in your opinion constitute significant original contribution to knowledge.
- Identify the aspects which demonstrate his or her capacity to carry out independent research.
- Point out specific observations made by the candidate which in your opinion, need revision or clarification.
- Comment on the standard of presentation of the thesis.

6. Follow up and Reminders

PGC's office will follow up regularly with the examiners for the thesis review.

7. Processing of examiners' reports, submission of final thesis along with reply note

Guidelines to deal with the reports:

- i. The student should address all the issues raised by the examiners; prepare a summary sheet listing the comments made by the examiners and his/her responses thereto. He

should clearly state how he/she has addressed each issue raised by the examiner. Modify his/her thesis, wherever required. He/she has to submit the revised version of thesis within three months. If more time is needed, a request may be made for the same.

- ii. The revised version of the thesis and the summary sheet showing the changes made by the student, to be forwarded by the supervisor with his endorsement that the changes have been made to his/her satisfaction. The same will be then sent to **all** the examiners at least 1 week before the defense.

“Category (C)” – Additional Provision

- iii. To resend the revised thesis along with the summary sheet (received through the supervisor) to all the examiners who made the remark as Category C. They will be given **4 weeks** time to submit their reports on the new form.

If more than **4 weeks** time is needed to arrive at the decision, the examiner may write to the Institute informing us of the need for more time. If the Institute does not hear back from the examiner in **4 weeks** time, then the Institute will assume that the revisions are adequate, and have addressed the issues raised.

- iv. The PhD defense of the student will be scheduled once all examiners have agreed that the thesis addresses the issues that they each have raised.

8. Fixing the final viva-voce

A thesis defense date will be fixed, after taking inputs from all examiners on the panel. The date will normally be between 6 to 8 weeks from the time they receive the letter and the thesis. The final date/time of thesis defense will be communicated to them separately.

The deadline for submission of individual reports by the examiners will be one week before the defense date. Each review member is expected to submit the review by this date. The defense can proceed if satisfactory reports from at least two non-supervisor examiners have been submitted.

Chairman, PGC will forward all the reports of the examiners and the final version of the thesis to the Supervisor. The Supervisor will also be sent (a) any note prepared by the candidate concerning revision to the thesis and (b) guidelines to conduct the thesis defense (viva-voce) as per **Annexure- VIII.**

9. Conduct of Thesis defense (viva-voce)

The thesis defense (Viva-Voce) may be arranged on a working day. A notice for holding thesis defense may be issued by the Admn-Ph.D. well in advance for information of all the departments/faculty as well as the students. The date, time & Venue will be indicated in the notice. The timing of the Viva-voce should be scheduled keeping in view the corresponding timing/convenience of the foreign examiners participating through

audio/video/skype. Before the defense, the Supervisor will send all the submitted reviews to all the examiners.

On the scheduled date/time the Supervisor will hold thesis defense as per guidelines given by the Chairman, PGC.

All examiners are normally expected to attend the thesis defense. However, examiners who are not in Delhi (or nearby) need not be present in person. If they are not in Delhi, they would be requested to participate using an appropriate form of video or audio conference mechanism - the details to be worked out and intimated by Admn-Ph.D.

A pre-scheduled defense can proceed if at least two non-supervisor examiners are present. During the defense, examiners and the candidate can join the meeting using electronic means like video conferencing, audio conferencing, Skype, etc. However, it should be ensured that all members are able to clearly see and hear the presentation, and are able to ask questions when they want. The defense shall be open to all, and arrangements should be made for this also –through presentation, video, webcast, etc

At the end of the defense, the panel must deliberate and make an overall recommendation. The reports submitted earlier by individual examiners are inputs to these deliberations. The overall recommendation format is also the same as above (Annexure-VII) – the category is what the panel finally decides, and suggestions/comments are those that the committee collectively wants to emphasize beyond the comments by individual reviewer. All the examiners present in the orals must explicitly accept the recommendations –through physical signature or through email, fax, etc.

The examiners are also expected to review the note prepared by the student in response to their comments and that the student has addressed these comments satisfactorily.

If the decision is not unanimous and some examiners record their “dissent” or a “contrary view”, then the PG committee will decide how to proceed.

If the overall recommendation is F, then the thesis is rejected. Otherwise, the student has to make suitable changes to the thesis, if required, to address the concerns. This revision should normally be done within six months of the defense. When the issues raised by the examiners have been addressed in the thesis by the student, the final thesis is submitted to the PG committee. If the overall recommendation is Category A, then the revised thesis is accepted.

If the overall category is B, the revised thesis is accepted if it has a suitable certification from the advisors.

If the overall recommendation is category C, then the PG committee Chairman will send the revised thesis to the examiners again. The responses of the examiners will be evaluated by the PG committee to take necessary action regarding accepting the revised thesis.

A sample copy of the viva report format is placed at **Annexure-IX**. The Supervisor conducting the viva-voce will submit the report along with all the original reports of the examiners and other related documents to Chair, PGC for further processing.

10. Payment of Remuneration and TA/DA to External Examiners

The remuneration bill for evaluation of thesis along with TA/DA claim in respect of Indian External Examiner visiting the Institute to attend the thesis defense **in person** will be processed/recommended by the Supervisor to Accounts Section, for payment on the date of viva-voce, after verifying journey and certifying conduct of viva in person.

For others (foreign/Indian external examiner) the remuneration bill will be processed for payment by Academic Section after the thesis defense (viva-voce).

11. Award of degree

Upon acceptance of the revised thesis by the PG committee, the Chairman, Senate may recommend the award of the PhD degree to the student. While pending the actual award of the degree in a regular convocation of the Institute, the Chairman, Senate may also authorize the Registrar to issue a provisional certificate to a student who completes the requirements for graduation.

Cover Page

Page No.
1

Title of Thesis

by
Student Name



Indraprastha Institute of Information Technology Delhi
Month, Year

Title of Thesis

by
Student Name

Submitted
in partial fulfillment of the requirements for the degree of
Doctor of Philosophy

to the



Indraprastha Institute of Information Technology Delhi
Month, Year

Certificate

This is to certify that the thesis titled “_____” being submitted by (Student Name) to the Indraprastha Institute of Information Technology Delhi, for the award of the degree of Doctor of Philosophy, is an original research work carried out by him under my supervision. In my opinion, the thesis has reached the standards fulfilling the requirements of the regulations relating to the degree.

The results contained in this thesis have not been submitted in part or full to any other university or institute for the award of any degree/diploma.

Month, Year
Name

Supervisor

Department of _____
Indraprastha Institute of Information Technology Delhi
New Delhi 110 020

Acknowledgements

Abstracts

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2. Background and Related Work
- 3.
- 4.
- 5.
- 6.
7. Conclusion

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References

Bio-data

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

DOCTOR OF PHILOSOPHY

The Chairman, PGC,
Indraprastha Institute of Information Technology,
New Delhi-110020

Sir,

I have been pursuing Ph.D. program as a student of the Institute w.e.f. _____ On satisfactory completion of the Comprehensive examination, required credits for course work and the Ph.D. thesis work, I have already submitted extended abstract (synopsis) of the thesis on _____. I now want to submit my thesis for the award of degree of Doctor of Philosophy of the Indraprastha Institute of Information Technology Delhi. A soft copy (pdf.) of the thesis as per required format of the Institute is submitted herewith for evaluation.

Yours faithfully,

Signature
Name in full
Roll No.

Date

I certify that he/she has pursued the prescribed course of research.

(Signature)
Supervisor (s)
Department

Chairperson, PGC

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

Appointment of the Examiners for PhD Thesis

Name of the Ph.D. Candidate:

Status:

Roll No:

Discipline:

Date of Enrollment in the Ph.D. program:

Title of the Thesis:

Name of Supervisor(s):

-
-

Name of the External Co-Supervisor, if any:

I/We certify that the list of proposed examiners enclosed are actively engaged in the field of work of the thesis, and that the list has been approved by the Monitoring Committee (or Comprehensive Committee) of the PhD student.

Signature(s) of the Supervisor(s):

Date:

PGC Chair:

- The following examiners are selected for thesis examination:

Initials and date:

PGC Chair Notes on Follow-up etc:

List of Proposed Examiners for the PhD Thesis:

Instruction: For each examiner, provide complete name, title and affiliation (including country), contact email (and fax and tel nos if possible), main area(s) of expertise for the proposed examiner, a very brief statement on how he/she is suitable for examining the thesis, and list of two relevant papers of the proposed examiner.

Dated
Ref: Ph.D./CSE/2014/001

Dr.
(Address)

Dear Dr.,

On behalf of IIIT-D, I am writing to invite you to serve on the Panel of Examiners to examine the PhD thesis from the Institute titled.....On receipt of your acceptance a copy of thesis will be sent to you for evaluation. If for some reason you are not able to accept this invitation please write to me by return mail. A copy of the scale of fee for evaluation of thesis is attached for your information.(Annexure VI)

Yours sincerely,

Ashwin Srinivasan
Chair, Post Graduate Committee, IIIT-D

Dated
Ref: Ph.D./CSE/2014/001

Dr.
(Address)
Dear Dr.,

Re: Examination of the PhD Thesis of

On behalf of the IIIT-D, I thank you for accepting our invitation to serve on the Panel of Examiners to examine the PhD thesis from the Institute. A copy of thesis is sent herewith for evaluation. I shall be grateful if you could examine it and send us (electronically) a scanned version of your report. We also require that the original report be sent back by post. Our contact details are as follows:

Post:

**The Chair
Post Graduate Committee
Indraprastha Institute of Information Technology Delhi,
Okhla Industrial Estate, Phase-III, (Near Govindpuri Metro Station)
New Delhi-110020 India.**

E-mail: admin-pgc@iiitd.ac.in

I would like to draw your attention to the following points:

1. Please indicate your recommendation in the Report Form enclosed here. The reasons underlying your recommendation may be elaborated in an Appendix. In it, you may want to:
 - Highlight the points, which, in your opinion constitute significant original contribution to knowledge.
 - Identify the aspects which demonstrate his or her capacity to carry out independent research.
 - Point out specific observations made by the candidate which in your opinion, need revision or clarification.
 - Comment on the standard of presentation of the thesis.
2. A thesis defense date will be fixed, after taking inputs from all examiners on the panel. The date will normally be between 6 to 8 weeks from the time you receive this letter. The final date of thesis defense will be communicated to you shortly.
3. Examiners are normally expected to attend the thesis defense., The examiners who are not in Delhi (or nearby) need not be present in person. If you are not in Delhi, I would request you to participate using an appropriate form of video or audio conference mechanism. We can work out the details.
4. A remuneration form is also enclosed with this mail. Could I request that you fill this and send us a scanned copy electronically, and the original in the post. The contact details are as above.

Kindly acknowledge by email the receipt of the thesis.

Yours sincerely,

Ashwin Srinivasan
Chair, Post Graduate Committee, IIIT-D

SCALE OF FEES FOR Ph.D. EXAMINATION

1. (a) Reading and Reporting on thesis :
 - (i) For an External Examiner in India Rs. 7,000/- per candidate
 - (ii) For an Examiner outside India US\$ 250/- per candidate
 - (b) Conduct of Thesis defense
(*viva voce* examination)
in person by an Examiner in India Rs. 3000/- per candidate
 - (c) Reading thesis and conducting
a *viva voce* examination without
an independent report Rs. 3000/- per candidate
2. **TRAVEL** : For conduct of a thesis defense (Viva-voce Examination) in person by an Examiner in India, the institute follows the T.A./D.A. Rules of the Government of India. However, as a special relaxation in the case of those who are not entitled to air-travel, the institute permits external examiners/moderators within India to travel by air in case the journey involved is more than overnight. The journey by air should be performed by the shortest route in excursion economy class.

INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI

Ph.D./CSE/2014/001

| | |
|---------------------|--|
| Name of Candidate | |
| Title of the Thesis | |

Please note that the form should be accompanied by a report commenting on the strengths and weaknesses as well as specific suggestion for the improvement of the thesis as per the guidelines given in the covering letter .This recommendation form is to mainly facilitate the Chairman, PGC in deciding appropriate action. Check () for your recommendation.

| | | |
|--------------|--|--|
| Category (A) | The Thesis is worthy of a Ph.D. degree. The suggestions made by me are minor | |
| Category (B) | The Thesis is worthy of a Ph.D. degree after the suggested modifications have been done and the modifications verified by the advisor(s) | |
| Category (C) | The thesis requires major modifications as suggested, and the thesis must be sent to the examiners after changes have been incorporated. | |
| Category (F) | The Thesis is not worthy of a Ph.D. degree | |

Name of the examiner

Signature of the Examiner

Indraprastha Institute of Information Technology (IIIT) Delhi
(Guidelines for Conduct of Ph.D. thesis defense (Viva – Voce))

No. IIITD/ Ph.D./2014/CSE/01

Dated:

1. Name of the Candidate :
 2. Department :
 3. Name of Supervisor :
 4. Date of Registration :
 5. Date of submission of Thesis :
 6. Name of Examiners : 1. Prof. (Foreign External Examiner)
 2. Prof. (Foreign External Examiner)
 3. Prof. (Indian External Examiner)
 4. Dr. Internal examiner- Supervisor

7. Board of Examiners for conduct of : thesis
 defense (Viva – Voce Examination):

1. (All External Examiners)
 2. (All Internal Examiners (Supervisors & Co-Supervisors))

Foreign examiners are not required to come for the thesis defense in person. They may be intimated the exact date/time of the thesis defense and requested to join the thesis defense using electronic means like video conferencing, audio conferencing, Skype, etc. Necessary details may be worked out and communicated to the examiners.

The Supervisor(S) is/are requested to observe the following actions:

12. The thesis defense (Viva-Voce) may be arranged on a working day. A notice for holding thesis defense may be issued by **Admn-Ph.D.** well in advance for information of all the departments/faculty as well as the students. Please indicate date, time & Venue in the Viva-Voce report. The timing of the Viva-voce should be scheduled keeping in view the convenience of the foreign examiners participating through audio/video/skype.
13. All examiners are expected to attend the defense. A pre-scheduled defense can proceed if at least two non-supervisor examiners are present. Before the defense, the Supervisor will send all the submitted reviews to all the examiners. During the defense, examiners and the candidate can join the meeting using electronic means like video conferencing, audio conferencing, Skype, etc. However, it should be ensured that all members are able to clearly see and hear the presentation, and are able to ask questions when they want. The defense shall be open to all, and arrangements should be made for this also –through presentation, video, webcast, etc.
14. Corrections/comments (on the reports) to be attached with the viva-voce report.
15. Student be asked to get the attached ‘NO DUES CERTIFICATE’ completed (as per rules, the report for the award of the degree will be considered only if this certificate is attached).
16. Student is asked to incorporate in the final copy of the thesis, all suggestions/modifications pointed out by the examiner(s) and to carry out the correction of all grammatical /typographical errors. Supervisor to certify in the Viva report its compliance by the student.
17. Supervisor to ensure & certify in the viva report that all the concerns/question raised by the external examiner(s) are discussed during viva and satisfactory answers obtained from the student.
18. One updated (hard-bound) copy of the thesis and a soft copy on CD / DVD of the full thesis in PDF format to be deposited with the Library and a certificate to this effect from the Library be attached.
19. This note (duly signed) along with its all enclosures to be returned with the viva report.
20. The remuneration bill in respect of Indian External Examiner be processed/recommended to Account Section for payment along with his/her TA/DA claim on the date of viva-voce after verifying journey and certifying holding of viva.
21. The payment of remuneration to foreign / Indian external examiner will be processed for payment by Academic Section after the thesis defense (viva-voce).

Encls: Evaluation Reports

Supervisor – Dr.

Chairman, PGC

Indraprastha Institute of Information Technology (IIITD) Delhi

NO-DUES CERTIFICATE

Name of the Student : _____ Roll. No.: _____

Programme : **Ph.D.**

Address : _____

Phone No. : _____ E-mail (other than IIITD): _____

Date of Leaving IIITD: _____

| Sl.No. | Department /Section | Dues / Liabilities (if any) | Signature |
|--------|--|-----------------------------|-----------|
| 1. | AM/DM-Student Affairs | | |
| 2. | AM-Finance & Accounts | | |
| 3. | AM/DM-HR & Support Services | | |
| 4. | AM-Library | | |
| 5. | AM-Research & Project | | |
| 6. | AM-Store & Purchase | | |
| 7. | AM-System Admin. & Networking | | |
| 8. | GM-FMS-for Hostel | | |
| 9. | Placement Incharge | | |
| 10. | Supervisor | | |
| 11. | AM/DM-Academic (Identity Card received back) etc. | | |

Donation/ Request for refund of caution money:

I had deposited a sum of Rs.5000/- towards Institute Caution Money and Rs.5000/- towards Hostel (if applicable).

1. I wish to donate to the Institute a sum of Rs. _____/- out of the caution money for welfare of the students / alumni fund. The balance of Rs. _____/- may be refunded to me at the above address; **OR**
2. I request that the entire amount of caution money of Rs. _____/- may be refunded to me at the above address.

Date:

Signature of the student

FOR OFFICE USE

AM (F&A): As per the authentication obtained from different departments/sections, nothing is DUE with the student. His/her caution deposit(S) and other reimbursements (if any) may be released and the account shall be settled in full & final.

Registrar

Indraprastha Institute of Information Technology (IIIT) Delhi

Report on the Ph.D. thesis defense (Viva – Voce Examination) of ----- on the Ph.D.thesis entitled” “ held on _____(Date) at _____(Time) in _____(Venue) __

The thesis defense on the above mentioned Ph.D. thesis was conducted by the following thesis defense Board:-
(please mention below actual participation)

1. Dr. , Internal examiner-Supervisor
2. Prof. (Foreign External Examiner) (participated through Audio/ video/Skype)
3. Prof. (Foreign Exterenal Examiner)
4. Prof. (Foreign/Indian External Examiner)

The Candidate presented his/her work identifying major contributions made and thereafter was examined by the members of the Viva – Board. Specifically the questions/clarification raised by all the thesis examiners were asked. The audience present also asked the questions.

Based on the thesis defense the overall recommendation on the thesis is as follow. (This could be one of the following):

Category A: The Thesis is worthy of a PhD degree. The suggestions made are minor.

Category B: The Thesis is worthy of a PhD degree after the suggested modifications have been done and the modifications verified by the advisor(s).

Category C: The Thesis requires major modifications as suggested, and the thesis must be sent to the examiners after changes have been incorporated.

Category F: The Thesis is not worthy of a PhD degree.

Suggestions / comments on the thesis

The examiners who participated in the thesis defense through audio/video/skype. have confirmed the above recommendation after the viva-voce through emails (attached) and the same may be considered sufficient record for acceptance.

(External Examiner)

(Internal Examiner (Supervisor)

Encl:

1. Thesis defense (Viva-Voce) Report
2. Emails of ----examiners
3. No Dues Certificate
4. Certificate of having submitted one hardbound and a soft copy of the full thesis in PDF format to Library.

Chairman, PGC

Signature of the Supervisor(s)

Revised guidelines to deal with PhD Thesis Evaluation Reports

Guidelines to deal with the reports:

- i. The student should address all the issues raised by the examiners; prepare a summary sheet listing the comments made by the examiners and his/her responses thereto. He should clearly state how he/she has addressed each issue raised by the examiner. Modify his/her thesis, wherever required. He/she has to submit the revised version of thesis within three months. If more time is needed, a request may be made for the same.
- ii. The revised version of the thesis and the summary sheet showing the changes made by the student, to be forwarded by the supervisor with his endorsement that the changes have been made to his/her satisfaction. The same will be then sent to **all** the examiners at least 1 week before the defense.

“Category (C)” – Additional Provision

- iii. To resend the revised thesis along with the summary sheet (received through the supervisor) to all the examiners who made the remark as Category C. They will be given **4 weeks** time to submit their reports on the new form.

If more than **4 weeks** time is needed to arrive at the decision, the examiner may write to the Institute informing us of the need for more time. If the Institute does not hear back from the examiner in **4 weeks** time, then the Institute will assume that the revisions are adequate, and have addressed the issues raised.

- iv. The PhD defense of the student will be scheduled once all examiners have agreed that the thesis addresses the issues that they each have raised.

Note: The existing PhD evaluation form need not be changed.