



Minutes of the 43rd meeting of the Senate of IIIT-D held on 17th July, 2019 at 03.30pm in the Senate Room, 7th Floor, New Academic Building, Okhla Industrial Estate, Phase-III, New Delhi-110020

Following were present:

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| • Prof. Ranjan Bose | Chairman |
| • Prof.(Ms) Basabi Bhaumik | External Member |
| • Dr. P. Vigneswara Ilavarasan | External Member (Via Telecon) |
| • Prof. Dheeraj Sanghi | External Member(Via Telecon) |
| • Dr. (Ms) Lipika Dey | External Member |
| • Prof. Anubha Gupta | Ex-Officio Internal Member |
| • Dr. Ponnurangam Kumaraguru | Ex-Officio Internal Member |
| • Dr. Sanjit Krishnan Kaul | Ex-Officio Internal Member |
| • Dr. Vikram Goyal | Ex-Officio Internal Member |
| • Prof. Richa Singh | Ex-Officio Internal Member |
| • Dr. A.V. Subramanyam | Ex-Officio Internal Member |
| • Dr. Gaurav Arora | Ex-Officio Internal Member |
| • Dr. Sujay Deb | Ex-Officio Internal Member |
| • Dr. Rajiv Raman | Ex-Officio Internal Member |
| • Dr. Venkata Ratnadeep Suri | Ex-Officio Internal Member |
| • Dr. Mayank Vatsa | Ex-Officio Internal Member |
| • Dr. Ganesh Bagler | Ex-Officio Internal Member |
| • Dr Manohar Kumar | Ex-Officio Internal Member |
| • Dr. Vibhor Kumar | Ex-Officio Internal Member |
| • Dr. Aman Parnami | Faculty-IIITD (Spl.Invitee) |
| • Dr. Anuj Grover | Faculty-IIITD (Spl.Invitee) |
| • Prof. G.S. Visweswaran | Faculty-IIITD (Spl.Invitee) |
| • Dr. Rakesh Chaturvedi | Faculty-IIITD (Spl.Invitee) |
| • Dr. Debarka Sengupta | Faculty-IIITD (Spl.Invitee) |
| • Dr. Paro Mishra | Faculty-IIITD (Spl.Invitee) |
| • Dr. Ashok Kumar Solanki | Secretary |
| • Mr. K.P. Singh | Academic In-charge |
| • Ms. Sheetu Ahuja | Manager (Academics) |

FORTY-THIRD (43rd) MEETING OF THE SENATE OF IIT-DELHI
(HELD ON 17th JULY, 2019)

MINUTES OF THE MEETING

43.1 WELCOME AND OPENING REMARKS BY THE CHAIRPERSON

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

43.2 CONFIRMATION OF MINUTES OF THE 42nd MEETING OF THE SENATE HELD ON 24.04.2019

No comments were received on the minutes of the 42nd meeting of the Senate held on 24th April, 2019. Hence, these meeting minutes were confirmed.

43.3 ACTION TAKEN REPORT

Chairman, Senate apprised the members of the action taken on the various decisions taken by the Senate in its 42nd meeting held on 24th April, 2019. The Senate noted the position.

43.4 ITEMS FOR INFORMATION/ RATIFICATION

43.4.1 General Matters

43.4.1.1 To report the status of application to NBA for Accreditation of B.Tech.(ECE) program

The Senate noted the position.

43.4.1.2 To report the status of approval from AICTE for Academic Year 2019-20

Dr. Ashok Kumar Solanki, Registrar informed that based on the recommendation of the Expert Visit Committee (EVC), AICTE has given Letter of Approval (LOA) vide letter F.No. North-West /2019-20/1-4968910421 dated 30th April, 2019 ([Appendix I](#)) for the AY 2019-20 under Chapter IV of the University System, introduced for the first time. As per this LOA, all our B.Tech. (except CSAI program), M.Tech. and Ph.D. programs are AICTE approved. All faculty members and students are eligible for grant (fellowship to PG as per GATE) and travel support for research (conference) from AICTE. The application for inclusion/approval of B.Tech. (CSAI) program will be submitted to AICTE next year. Since AICTE has now given the LOA to the Institute as a University, it was decided to inform the AICTE for closure of Extension of Approval process in the due course.

Action: Academic Section

43.4.1.3 To report list of students who have completed graduation requirements on 21st May 2019.

Senate approved the list of students who completed graduation requirements on 21st May, 2019 placed at [Appendix II](#). As per past practice, Registrar will examine the Checklist and

the transcripts of about 10% of UG/PG students at random to ensure that the list is error free.

Action: Registrar

43.4.1.4 To report recommendations for various awards and medals to be awarded in the 8th Convocation.

A committee was formed for the award of All Round Performance Medal Award for B.Tech. students. Committee Chair, Dr. A. V. Subramanyam apprised the Senate about the process followed for deciding the awards. He also informed that based on the nominations received, the committee held an interaction with the nominated students and recommended below students for award:

CSE - Gunkirat Kaur
ECE - Manasi Malik

Below is the brief summary, submitted by the committee, in support of the above decision.

“Shaan and Gunkirat were the top two contenders. These students have tremendous sports and academic achievements and are certainly ahead of other nominees. We would also emphasize that both are highly deserving candidates. While Shaan has an edge in terms of individual medals in sports and research publications, Gunkirat has better grades and is honors student. However, the major factor that leans in favor of Gunkirat is that she has effectively led sports activities as a coordinator. We learn from both student committee member and sports officer Mr. Ravi Bhasin that Gunkirat played a major role towards IIIT-D sports and has greatly influenced the sports culture.

Manasi and Shagun are outstanding nominees among the group. Both have demonstrated great flair for academics and sports. Manasi, besides being more proactive in community work, has better grades and is an honors student. This is the reason why she is recommended.”

The Senate approved the above recommendation of the committee for the All-round performance medal. The Senate further noted that the process for other awards is still going on and the list will be put up to Chairman, Senate for approval. Senate authorized Senate Chair, on its behalf, to accord approval of all the other awards that are to be conferred to students in the 8th convocation since it is due to be held soon, i.e., in August end.

Action: Academic Section

43.4.1.5 To discuss the matter related to holding the 8th Convocation of the Institute and other related issues

Chairman, Senate informed that Ms. Debjani Ghosh, President, NASSCOM has kindly agreed to be the Chief Guest at the 8th Convocation to be held on 31st August, 2019 (Saturday). He also informed that Chancellor of the Institute, Shri Anil Baijal has accepted our invitation to attend the function and grace the occasion. Chairman, further, updated the members about the convocation duties and responsibilities assigned to various group in-charges and the progress made so far.

Action: Academic Section

43.4.1.6 To report the status of Suit No.CJ/1151/2018, filed by Animesh Attri in the court of Hon'ble Shri Gaurav Gupta, Civil Judge Junior Division-x, Civil Courts, Amritsar

Senate noted the position.

43.4.1.7 To report the status of Writ Petition No. WP(C) 6807/2019, filed by Saksham Tikoo in the Hon'ble High Court of Delhi

Dr. Ashok Kumar Solanki, Registrar apprised the members of the latest status of the case and the decision of JAC to keep the admission of KM on hold. Senate noted the position and decided to wait for the order of the Hon'ble court.

Action: Academic Section

43.4.1.8 To report the status of Suit No.CS SCJ/116/19, filed by Nikhil Gautam in the court of Hon'ble Shri Sushil Anuj Tyagi, Jsc-cum-Addl. Scj-cum-Guardian Judge, South East, Saket, District Court, New Delhi

Senate noted the position.

43.4.1.9 To report the status of Writ Petition No. WP(C) 6902/2019, filed by Divyansh Tyagi in the Hon'ble High Court of Delhi

Dr. Ashok Kumar Solanki, Registrar informed that the Hon'ble Delhi High Court vide its judgment dated 15.7.2019 has dismissed the case of the Petitioner, Divyansh Tyagi, in favor of the Institute. Senate noted the same with satisfaction.

43.4.1.10 To report the status of Writ Petition No. WP(C) 7081/2019, filed by Pragya Gupta and Ors. in the High Court of Delhi.

Dr. Ashok Kumar Solanki, Registrar informed that the Hon'ble Delhi High Court vide its same judgment dated 15.7.2019 (refer item 43.4.1.9 *supra*) has dismissed the case of the Petitioner, Pragya Gupta and Ors, in favor of the Institute. Senate noted the same with satisfaction.

43.4.1.11 To report signing of MoU with Indian Navy and admission of their sponsored Officer to M.Tech. program in Computer Science and Engineering (Artificial Intelligence)

Prof. Anubha Gupta, Dean of Academic Affairs apprised the members of the signing of MoU and admission of an Officer to M.Tech. program in Computer Science and Engineering (Artificial Intelligence) under the said MoU. Senate noted the position and approved the MoU placed at [Appendix III](#).

Action: Academic Section

43.4.1.12 To ratify the decision taken by Chairman Senate for award of PhD Degree

After a brief discussion, Senate ratified the decision taken by the Chairman, Senate for the award of Ph.D. degree to the following:

S.No	Roll No	Name	Discipline	Advisor's Name	Thesis Title	Degree Date
1	MT12065	Garvita Bajaj	CSE	Dr. Pushpendra Singh	PickMe: Task Allocation in Mobile Crowd Sensing	21.05.2019
2	PhD14107	Parag Aggarwal	ECE	Dr. Vivek Bohara	End-to-End Performance Analysis of MIMO-OFDM based Wireless Transceivers in the Presence of Hardware Impairments	21.05.2019
3	PhD1316	Srishti Gupta	CSE	Dr. Ponnurangam Kumaraguru	Identifying and Mitigating Cross-Platform Phone Number Abuse on Social Channels	21.05.2019
4	PhD1101	Anuj Shanker Saxena	CSE	Dr. Vikram Goyal, Dr. Debajyoti Bera	Enforcing Privacy for Location Based Services	21.05.2019
5	PhD1211	Dheryta Jaisinghani	CSE	Dr. Vinayak Naik, Dr. Sanjit Kaul	Understanding the Role of Active Scans for their Better Utilization in Large-scale WiFi Networks	21.05.2019
6	PhD14113	Priya Aggarwal	ECE	Dr. Anubha Gupta	Analytical techniques towards identification of human brain functional networks	21.05.2019

43.4.1.13 To report the implementation of 10% reservation for People falling under Economically Weaker Sections (EWSs) for admission to B.Tech. programs from the Academic Year 2019-20.

Dr. Ashok Kumar Solanki, Registrar apprised the members of the discussions held on 12.06.2019 in the office of Secretary, Higher Education, Govt. of NCT of Delhi for the implementation of 10% reservation for General Category People falling under Economically Weaker Sections (EWSs) and the subsequent meeting of the JAC Delhi-2019 held on 13.6.2019, where it was decided that in order to implement 10% reservation

of EWSs, the total intake needs to be enhanced by 25%. He informed that JAC Delhi-2019 will implement the net enhancement of 25% in total intake in two phases as below:

S.No.		Enhancement in intake
1	2019-20	10%
2	2020-21	25% (on 2018 strength)

He further informed that keeping in view the above, a revised Seat Matrix showing the number of seats available for admission to various undergraduate programs, category-wise including seats for EWS ([Appendix IV](#)), was prepared. Considering the urgency, the matter was submitted to the Chairman, Board of Governors who approved the proposal on 17th June, 2019 for the implementation of 10% reservation for falling under Economically Weaker Sections (EWSs) from AY 2019-20. IIIT-D admits students through various modes. By the time, Institute received orders, admissions through direct IIIT-D's process were already closed. Hence, all 10% seats were increased through JAC admission route only.

The Senate noted the above position.

Action: Academic Section

43.4.1.14 To reconsider the document containing the process for starting a new academic program and the process for changes in the existing academic programs.

Prof. Anubha Gupta, Dean of Academic Affairs informed that, in the light of the decisions taken by the Senate in its 42nd meeting held on 24th April 2019, vide item Nos 42.4.1.15 and 42.4.1.16, the documents (i) “guidelines for starting a new academic program” and (ii) “guidelines for making changes in the existing program” were shared with all faculty. Based on the inputs received, changes were made in both the documents and shared again with all the faculty. No further comments were received from the faculty on these documents. After deliberation, Senate approved the revised documents placed at [Appendix V](#).

Action: Academic Section

43.5.1.1 Grade improvement for students doing summer courses

Prof. Anubha Gupta, Dean of Academic Affairs apprised the members of the earlier discussion held on this item in the 42nd meeting of the Senate on 24th April 2019. She informed that the UGC again discussed the matter in its 28th meeting held on 26th June 2019 and recommended that all students may be allowed to attend the make-up courses in the summer semester. The course will be mandatory for students with D and F grades and only these students will be allowed to improve up to the next higher grade (i.e., to C- and D, respectively). The restriction on the level of grade improvement has been suggested because summer courses are run with the intent to improve learning and help those students who were struggling and would have continued to suffer in the following courses

for which this course is the pre-requisite course. This course is largely for revision and strengthening the concepts, and are not taught by the regular faculty. This summer offering is generally taught by a teaching fellow and is not at the same rigor as that offered in the regular semester. After detailed deliberations, Senate approved the above recommendation of the UGC.

Action: Academic Section

43.5.1.2 Review of policy of promotion to next semester for 2nd, 3rd and 4th Year Students

Prof. Anubha Gupta, Dean of Academic Affairs, apprised the members of the earlier discussions of the Senate held on this item in its 42nd meeting on 24th April, 2019. She informed that, as desired by the Senate, the UGC has reconsidered the matter in its 28th meeting held on 26th June, 2019. The UGC has recommended that “if a student gets academic warning because of low SGPA (of <4.0) in two consecutive semesters and/or gets two or more F grades each in two consecutive semesters, his/her program may be terminated.” During the course of discussion, it was noted that two systems of counseling: academic counseling and non-academic counseling (like Well-Being Cell), are already in place. As such, it was felt that there is a need for more focused academic counseling for such students. It was decided that the Academic Section should send a list of such students to HoDs and respective department’s UG coordinator so that a focused counseling as well as mentoring can be done for these students to help them with their deficiencies. After detailed deliberations, Senate approved the above recommendation of the UGC.

Action: Academic Section

43.5.1.3 Formula for the calculation of base strength for calculation of seats for branch transfer after first semester.

Prof. Anubha Gupta, Dean of Academic Affairs, apprised members of the earlier discussions of the Senate held in its 42nd meeting on 24th April, 2019 regarding the formula for the calculation of seats for branch transfer after first semester. She informed that as desired by the Senate, UGC in its 28th meeting held on 26th June, 2019, discussed the matter again and recommended that the existing practice may be continued.

The Senate approved the recommendation of UGC.

Action: Academic Section

43.5.1.4 To consider the suggestions of UGC regarding action to be taken for the use of offensive language in the Course Feedback Form

Prof. Anubha Gupta, DOAA, apprised the members of the suggestions and recommendations made by the UGC on this item in its 27th meeting held on 13th June, 2019. During the course of discussion, some members felt that there is a need to do more research for an objective feedback. Also, it was desired to give a strong message to students that they should fill up the course feedback form with responsibility. The Director read out the comments sent by Dr. P. Vigneswara Ilavarasan (External Member attended on Telecon) on this issue through email. Some members suggested to have more inputs on this item that might be collected from websites of other institutions/universities. It was also

suggested that this matter should be discussed with all faculty to obtain their views. After detailed deliberations, Senate desired that the UGC should reconsider its recommendation. It should collect more inputs and examine the models that are operational in other Institutions/Universities and then present appropriate recommendations for further consideration of the Senate.

Action: UGC

43.5.1.5 To consider the appeal of a B.Tech. student for repeating the first year.

Dr. Gaurav Arora, Chair UGC, presented the background of the case of Mohammad Zaid Yasin, Roll No. 2016248. He also apprised the members of the recommendation of the UGC made at its 28th meeting held on 26th June, 2019 on the appeal submitted by his mother. It was noted that the student has already repeated first year thrice and does not seem to be motivated. After detailed deliberations, the Senate did not accept the request made in the appeal and decided to agree to the recommendation of the UGC, and hence, approved to terminate him from the program.

Action: Academic Section

43.5.1.6 To consider the appeal of B.Tech students for extension beyond six years.

Dr. Gaurav Arora, Chair UGC, presented cases of five students listed in the agenda. He informed that one of these students, Shikha Madan, has already completed the program and is eligible for award of degree. He also apprised members of the current status of the other four students. After detailed deliberations, Senate approved the extension to all the mentioned students for one more year, subject to having an undertaking along with the future credit plan for completing the UG degree program within this next one year.

Senate also clarified that if a student has repeated first year, the six year term will count after the repeat year.

Action: Academic Section

43.5.1.7 Discussion on the contents of a new course that combines “SM and IED courses” and will be offered in first semester for all B.Tech. programs

Chair UGC presented the background of the proposal recommended by UGC in its 29th meeting held on 5th July, 2019 for contents of a new course that combines “SM and IED” to be offered in first semester for all B.Tech. programs. It was noted that this course is kept intentionally in the 1st semester because this course provides introductory familiarity of the engineering education to students and takes away any fear on the difficulty level of the engineering degree programs. The name of the new course will be “**Prototyping Interactive Systems**”. The course will cover introduction to computer systems including OS, and shell scripting portions of SM along with introduction to techniques for prototyping Interactive Systems such as the use of Arduino, RPi, 3d printing, etc. With this change, CO will be added to the second semester of B.Tech.(ECE), B.Tech.(CSSS), B.Tech.(CSAM), and B.Tech.(CSB) programs in the slot vacated by IED, while it will be moved from the 3rd semester to the 2nd semester for CSD and CSE programs. OS will be positioned in the third semester for CSB, CSAM, and CSSS in place of their existing CAOS course that will be deleted from the curriculum after the addition of CO and OS as two separate courses. Since CO moved from 3rd to the 2nd semester, for CSE and CSD programs, OS will be moved from 4th to the 3rd semester for these two degree programs.

With these changes, there will be one vacant slot each in Semester 4 in CSE and CSD. To fill this slot, CSE and CSD departments suggested below courses:

CSE department suggested changing the existing [TOC/Math] slot to [Math IV/Graph Theory] slot and added [HCI/TOC] in the vacant slot. Since these slots are elective slots, it was suggested to add a clause to the B.Tech. CSE graduation requirements as: “Students should do at least one elective course from each of the two slots- [Math IV/Graph Theory] and [HCI/TOC].”

CSD department suggested for moving “Design of Interactive System” course from semester 5 to semester 4. HOD, CSD said that, as per the graduation requirements of CSD department, a student should clear Math III or Math IV (point 3 in CSD department regulations). He, further, suggested adding DM and TOC to the list. Therefore, now a student should clear either one of these courses: Math III, Math IV, DM or TOC.

ECE, CSAM, CSSS, CSB, CSAI – It was noted that other than the above mentioned changes on the merger of SM and IED, addition of CO and OS, and deletion of CAOS, no other changes are required in program specific slots in these UG degree programs.

Since CAOS will now be offered as CO and OS separately, a concern was raised that what should be done, if a student fails in CAOS course that is offered as of now for the existing students. It was suggested that such cases should be discussed on case-to-case basis and recommended to Senate for approval.

After detailed deliberations, the Senate agreed to the above recommendations of the UGC. All the above changes will be applicable from batches joining 2019 or later.

Action: Academic Section

43.5.1.8 Restructuring of B.Tech. CSSS Program

Dr. Gaurav Arora, Chair UGC presented the background of the proposal for restructuring of B.Tech. CSSS program. He also clarified the queries made by the members. It was noted that the UGC in its 30th meeting held on 16th July, 2019 discussed the changes suggested by the department and agreed to make the changes highlighted in RED in the document. After detailed deliberations, the Senate agreed to the proposal placed at [Appendix VI](#).

Action: Academic Section

43.5.2.1 To discuss the matter of unavailability of senior TAs.

Prof. Anubha Gupta, Dean of Academic Affairs, apprised the members of the shortage of senior TAs. She informed that the PGC in its 33rd meeting held on 24th January, 2019 discussed the matter of the unavailability of senior TAs. It was noted that with the increase in the number of students across all the programs (UG and PG both), there is an increase in the requirement of the number of TAs. While the number of admitted students are increasing, the number of available TAs are declining because 2nd year M.Tech. students are increasingly going for internships in the 2nd year. Furthermore, in order to go for internships in the second year, these M.Tech students are trying to complete course credits in the first year by taking more credits. This leaves them with no time for doing good job

with the TAship in the first year. Hence, M.Tech. students of first year are not able to do TA duty properly because they are overloaded with their own course work, while 2nd year M.Tech. students, who are senior TAs and are trained by now in advanced courses, are not available owing to Internships. Thus, the majority of TAs, that are the M.Tech. students, are either not available for TA duty and if available, are not doing their duties properly. This is creating huge problems to instructors in running the courses and is largely transferring the TA load to the Ph.D. students and instructors, in turn impacting the research time of both instructors and Ph.D. students. Faculty are increasingly requesting for B.Tech. students as TAs that has its own challenges because these students have to complete a large number of credits for degree completion. Furthermore, the teaching-related training that should be imparted to M.Tech. students (in lieu of GATE scholarship) is also being impacted adversely.

Additionally, owing to taking a large number of courses for credit in the first year, the number of M.Tech. students falling in the academic warning clause or termination clause at the end of first year is steadily increasing. Earlier, many of our meritorious M.Tech. students used to convert to Ph.D. program. However, this number has also declined considerably now. M.Tech. students are also not participating in extra-curricular activities, in Student Senate, or student clubs on campus. Thus, their investment and contribution to teaching and learning on campus, and to student life on campus has declined considerably with the increasing trend of Internships.

During the course of discussion, Dr. Mayank Vatsa referred to his email communication of January, 2019 wherein he had informed the Registrar that the M.Tech. (AI) regulations do not allow Internships. However, these students are also being asked to sit for Internships interviews. He also pointed out that flexibility of Institute rules is being misused to the advantage of companies and the same needs to be checked. He requested the Senate to instruct Placement Cell to exempt CSAI from the Internship and not discriminate them from sitting in the interviews of full-time job positions. He also mentioned that because of this restriction of internships for AI students and enabling of the same in other M.Tech. programs along with the push from the Placement Cell on Internships, students are planning to drop out from AI program and instead opt the CSE (Gen) degree. He suggested that students should be encouraged to go for research. Some other members also expressed their views and suggested to directly contact some of the companies to look into the issues in depth.

CB department also quoted that despite the fact that thesis is mandatory for M.Tech. (CB) students, placement cell is negotiating with the companies for internships.

Dr Vishveswaran mentioned that internships are not essentially required for imparting VLSI skills to M.Tech. (ECE) students of VLSI specialization. Students are doing good projects and can excel in their areas by doing research work rather than going for internships. He also mentioned that the companies coming to IIIT-D are being told to hire six month interns and then offer full-time jobs, even if they approach the campus for only full-time offers.

Dr. Anubha Gupta, further, emphasized that students would be better prepared academically if they spend two years on campus and take only that many courses in a semester that they can easily handle, do their TA duties properly where their basic concepts are strengthened, and participate in research projects/thesis with faculty on

campus. Companies would be happy to offer full-time jobs to students rather than offering them six month internships, if our M.Tech. students are better prepared academically.

Based on the above concerns and in order to address TA shortage problem as well as to strengthen the overall PG education on campus, the Senate approved the recommendations of the PGC as well as those of Senate members, and decided the following:

- M.Tech. students shall not be allowed to go for Internship in any of the first four regular semesters of Monsoon and Winter terms. However, Internships would be allowed in the summer term after the 1st year.
- The credits of OOPD, RM, and TAship duty must be counted for the purpose of credit load and 1st year M.Tech. students will not be allowed to take more than 20-credit load in a semester including OOPD and RM as 2-credit load each and TA duty as the 4-credit load.

Change in regulation: A normal full time load is 12 credits to 20 credits including the credits of OOPD, RM and TAship. TAship is considered as the 4-credit load.

- M.Tech. student can take overload of at max. 4 credits in the 2nd and subsequent semesters, only if they have a CGPA of 8.0 or above. Hence, overload will not be allowed during the 1st semester of M.Tech. degree program.
- Attendance will be taken through Biometric of all M.Tech. students to regularize the attendance norms given in the PG regulations.
- A student can complete M.Tech. thesis with all 48 credits of courses as well.
- For 2018 CB and AI programs, placement office will be told to withdraw internship offers and students should not be blacklisted from placements for this reason.
- It was discussed that some students may not be able to get full-time offers even after 2 years and companies may like to try them over six months internships. However, companies offer internships only with the student status. Since the student would have completed all credits by the end of the 2nd year, the student would move out of student-status after 21st May of the 2nd year. In order to support such students, students needing studentship status after 21st May of the 2nd year, will be facilitated with the same until December 21st of the 2nd year by giving extension in the graduation date. Since we charge M.Tech. program fee, this does not add any financial burden to the student. Also, since we have three graduation dates in an academic year, it does not add any challenge to the Institute.
- The above rules of discontinuation of Internships will be applicable from the 2019 admitting batch of students and onwards.

Below are some suggested credit plans of the students with the above rules:

Case 1 (12-20 normal load including TAship with Thesis)						
	1 st Sem	2 nd Sem	Summer 1	3 rd Sem	4 th Sem	
Regular courses	14	14				
(OOPD/RM)	2	2				

Thesis			4	8	4	
IP or IS			4			
(TAship)	4	4		4	4	
Total	20	20	8	12	8	
Graduation requirement credits	14	14	8	8	4	48

Case 2 (12-20 normal load including TAship with SP)						
	1 st Sem	2 nd Sem	Summer 1	3 rd Sem	4 th Sem	
Regular course	14	14		4	4/8	
(OOPD/RM)	2	2				
SP			4	4		
IP or IS					4/0	
(TAship)	4	4		4	4	
Total	20	20	4	12	12	
Graduation requirement credits	14	14	4	8	8	48

The above decision will be applicable for M.Tech. students entering in Academic Year 2019-20.

Action: Academic Section

43.5.2.2 To discuss the appeal of 1st year M.Tech. students (2018 batch), who have been issued Termination letters due to continuous poor academic performance in the 1st and 2nd semesters.

Chair PGC apprised the members of the termination letters issued to nine M.Tech. students based on their performance in the first year. He informed that eight students out of the total nine students have submitted an appeal to allow them to continue in their 3rd semester. He also informed that in the 38th PGC meeting held on 27th June, 2019, after looking into the *significant* improvement of the performance of six students in their 2nd semester, PGC recommended to convert the termination to academic warning and to allow them to continue in the 3rd Semester. However, if they fail to maintain the minimum required CGPA/ SGPA in the coming semester (3rd Semester), their registration shall be liable for *termination*. The Senate agreed to these recommendations.

Action: Academic Section

43.5.2.3 Waiving of the mandatory requirement for M.Tech. program to complete OOPD and RM for Dual Degree and Migrated PhD students (taking M.Tech. on the way)

Chair PGC informed that the PGC in its 37th meeting held on 7th May, 2019 discussed the question of waiver of mandatory requirement to complete OOPD and RM courses for Dual Degree and Migrated PhD students and the recommendations received from the CSE, ECE and CB Departments running the M.Tech. Courses. After detailed deliberations, the PGC agreed to the recommendations of the respective Departments as follow:

CSE - The department agrees as long as OOPD/AP and RM are taken by the student either during the B.Tech./M.Tech./Ph.D. in IIITD.

ECE - Agreed that RM should be a mandatory requirement for M.Tech. program whereas OOPD can be waived off.

CB - A student must complete all M.Tech. degree graduation requirements.

After a brief discussion, the Senate approved the implementation of the recommendations made by CSE department for all the programs including the waiver of OOPD granted to ECE students. This covers the recommendation of ECE and CB department as well.

Action: Academic Section

43.5.2.4 To consider a proposal for Award of normal Grade to M.Tech. students for Thesis/SP

Dr. A.V. Subramanyam, Chair PGC apprised the members of the background of the proposal for award of normal Grade to M.Tech. students for Thesis/SP and the recommendations made by the PGC in its 37th Meeting held on 7th May, 2019 after considering the recommendations of the CSE, ECE and CB Departments. During the course of deliberations, Chair PGC answered the queries made by the members. After detailed deliberations, the Senate agreed to the following recommendations of the PGC and decided that there shall be no credit for Industrial Project for the students joining the Institute from the Academic year 2019-20. The case of a student doing project with a faculty, but in an Industry, can be considered under IP/IS or thesis credits with off-campus facility available only in the 4th semester.

1. For Thesis, a student needs to complete 16 credits to be eligible for thesis defense. He/she will register in the multiple of 4-credits of thesis and will be awarded 'S' or 'X' at the end of each semester. Final letter grade will be awarded by the committee at the end of thesis defense for full 16-credits which will be counted in final CGPA.

At the end (in the last semester, during the add/drop period of the semester in which the student plans to defend the thesis), student will register for 16 credits of thesis (exact course name will be decided). For these 16 credits, student will be awarded letter grade (A, B...). In the final credit count, this 16 credits will be counted and all earlier credits will not count towards 48 credits of degree requirement. Also, earlier awarded grades (S, X) will reflect as it is in the transcript.

2. For SP/CapP, registration will be in the multiple of 4 credits and will be awarded "S" or "X" at the end of each semester. As per current practice, a student needs to submit the final report to admin-mtech@iiitd.ac.in as a part of graduation requirement. After submission of report, supervisor will award a letter grade for full 4 or 8 credits, which will be counted in final CGPA.

Similar to Thesis credits, is the case of SP, the semester in which a student plans to submit his/her SP, he/she will register for 4/8 credits of SP defense (Name to be decided) and the final letter grade will be allotted on submission of the report (A,B.).

Similar to Thesis credits, previous semester credits will not be counted in final credit, which will be awarded S/X grade.

3. Industrial Project stands deleted from the M.Tech regulations.

Action: Academic Section

43.5.3.1 To consider matter regarding continuation of fellowship of Ph.D. students (on project funding) who are going for internship (and receiving partial monetary support from the host during the internship stay) with an understanding that the respective advisor has confirmed that the work the student is going to do during internship is towards the project.

Since Dean, IRD was not personally present, the consideration of this item was deferred to the next meeting.

43.5.3.2 To consider the Regulation and Special requirements for Ph.D. (HCD) program

The Senate considered the proposed Regulation and Special requirements for Ph.D. (HCD) program and noted that all the suggestions made by the PGC in its 39th meeting have been incorporated in the proposed document. After detailed deliberations, Senate approved the modified Regulation and Special requirements for Ph.D. (HCD) program placed at [Appendix VII](#)

Action: Academic Section

43.5.4.1 To consider and approve the list of Experts proposed by Head, Department of Social Sciences and Humanities for Selection of LACH faculty candidates

Dr. Venkata Ratnadeep Suri, Head, SSH presented the proposal and explained the challenges for constituting selection committee for LACH TT faculty candidates due to limited number of Expert pool members. During the course of discussion, some members raised the issue of incomplete profile of some of the proposed experts and the majority of proposed experts being from JNU. After detailed deliberations, Senate requested the Head, SSH to examine the proposed list of experts by looking into the existing list, circulate the list to all faculty wherein some more members may get added via suggestions, and submit a revised list for approval to the Senate.

Action: Head SSH

43.5.4.2 To consider a proposal for starting a nine month (tri semester) Post Graduate Diploma in Science & Artificial Intelligence jointly done by IIITD and IBM under an MoU.

Dr. Debarka Sengupta presented the proposal and answered the queries made by the members. During the course of discussion, it was noted that the MoU for running this program is not yet signed. After detailed deliberation the Senate agreed to the proposal in principle and requested Dr. Debarka to work out the cost of staff required to administratively manage or run the program from IBM support, take approval from the Finance Committee for admission fee to be charged from the candidates, and ensure that proper Lab facility is made available by the IBM on IIITD campus before starting the program. The MoU should also be signed before the program starts.

Action: Dr. Debarka Sengupta

43.5.4.3 To consider a proposal for a six months Certificate course in collaboration with Tech-Mahindra

Dr. Sanjit Krishnan Kaul, ADIRD presented a proposal on the table for a six months Certificate course in collaboration with Tech-Mahindra. He informed that the proposal has been discussed in the Deans meeting. He explained the salient features of the proposal and answered the queries made by the members. After detailed deliberations, it was decided that the changes be incorporated in the light of the discussions held at the meeting. The proposal would be looked into by PGC, which after modifications will be circulated to all Senate members for approval within next 15 days.

Action: Dr. Sanjit Kaul

43.5.4.4 To consider the implementation of 10% reservation for Economically Weaker Sections for admissions as per letter dated 20.06.2019 received from Dy. Director (Sectt. Branch), Government of National Capital Territory of Delhi, Directorate of Training and Technical Education, Delhi.

Dr. Ashok Kumar Solanki, Registrar informed the members that this agenda placed for the consideration of the Senate, is an extension of the matter partly reported vide agenda 43.4.1.13. He further informed that Dy. Director (Sectt. Branch), Government of National Capital Territory of Delhi, Directorate of Training and Technical Education, Pitampura, Delhi vide letter No. F.1(107)/SB/MISC/2018/978-986 dated 20 June 2019 ([Appendix VIII](#)) has forwarded a copy of letter No. F.DHE.(119)/Estt/2018-19/2549-76 dated 17 June 2019 received from Administrative Officer, Directorate of Higher Education, Govt. of NCT of Delhi along with O.M. No. F.No. 12-4/2019-U1 dated 17.1.2019 issued by Ministry of Human Resource Development, Department of Higher Education for implementation of reservation for Economically Weaker Sections (EWSs) from Academic Year 2019-20.

He further informed that based on the process and procedure as explained earlier while reporting on the agenda 43.4.1.13, the implementation of the reservation for EWSs for the undergraduate programs for Academic Year 2019-20 could be implemented through the JAC2019 admission processes though the admissions to some seats of our B.Tech.(CSD) and B.Tech. (CSSS) programs through IIITD Admission Process, were already over by then. Similarly, admissions to M.Tech. (CSE, ECE & CB) are also over. Hence, it was felt that the matter needs to be looked into in detail as to manner in which the reservation for EWSs should be implementation for these seats/programs.

After detailed deliberations the Senate authorized the Chairman, Senate to appoint a committee to look into the matter and make appropriate recommendations for consideration of the Senate.

Action: Academic Section

The meeting ended with a vote of thanks to and by the Chairman.

All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070 Website: www.aicte-india.org



APPROVAL PROCESS 2019-20
Letter of Approval (LoA)

F.No. North-West /2019-20/1-4968910421

Date: 30-Apr-2019

To,
The Chairman
INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI
INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY, DELHI
OKHLA INDUSTRIAL ESTATE, PHASE III
(NEAR GOVIND PURI METRO STATION),
OKHLA PHASE III, SOUTH DELHI
Delhi, 110020

Sub: Letter of Approval for New Institution 2019-20

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations, 2018 notified by the Council vide notification number F.No.AB/AICTE/REG/2018 dated 31/12/2018 and other notifications, as applicable and published from time to time, I am directed to convey the approval to.

Permanent Id		Application Id	1-4968910421
Name of the Deemed to be / State Private University	INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY DELHI	Institution Address	INDRAPRASTHA INSTITUTE OF INFORMATION TECHNOLOGY - DELHI (IIIT-DELHI) OKHLA INDUSTRIAL ESTATE, PHASE III (NEAR GOVIND PURI METRO STATION), DELHI, SOUTH DELHI, Delhi, 110020
University Type	Government	Region	North-West

To conduct following Courses with the Intake indicated below for the Academic Year 2019-20*

Sr. No.	Program	Shift	Level	Course	FT/PT+	Intake Approved for 2019-20	NRI Approval Status	PIO / FN / Gulf quota/ OCI/ Approval Status	Twinni ng/FC
1	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	120	No	No	Not interest ed
2	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FT	60	No	No	Not interest ed
3	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND APPLIED MATHEMATICS	FT	60	No	No	Not interest ed
4	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND DESIGN	FT	60	No	No	Not interest ed
5	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND SOCIAL SCIENCES	FT	60	No	No	Not interest ed
6	ENGINEERING AND TECHNOLOGY	1st	UNDER GRADUATE	COMPUTER SCIENCE AND BIOSCIENCES	FT	60	No	No	Not interest ed

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7	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FT	30	No	No	Not interested
8	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	INFORMATION SECURITY	FT	30	No	No	Not interested
9	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	ARTIFICIAL INTELLIGENCE	FT	30	No	No	Not interested
10	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	DATA ENGINEERING	FT	30	No	No	Not interested
11	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	MOBILE COMPUTING	FT	30	No	No	Not interested
12	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	VLSI AND EMBEDDED SYSTEMS	FT	30	No	No	Not interested
13	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMMUNICATION AND SIGNAL PROCESSING	FT	30	No	No	Not interested
14	ENGINEERING AND TECHNOLOGY	1st	POST GRADUATE	COMPUTATIONAL BIOLOGY	FT	30	No	No	Not interested
15	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	COMPUTER SCIENCE AND ENGINEERING	FT	10	No	No	Not interested
16	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FT	10	No	No	Not interested
17	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	COMPUTATIONAL BIOLOGY	FT	10	No	No	Not interested
18	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	MATHEMATICS	FT	10	No	No	Not interested
19	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	SOCIAL SCIENCES AND HUMANITIES	FT	10	No	No	Not interested
20	ENGINEERING AND TECHNOLOGY	1st	DOCTOR OF PHILOSOPHY	HUMAN CENTERED DESIGN	FT	10	No	No	Not interested

+FT –Full Time,PT-Part Time

***Note: The approval is valid for two years from the date of issue of this letter only for getting affiliation with respective University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET) (as applicable) and fulfilling State Govt. requirements for admission. If institution is unable to start in the academic session 2019-20 due to reason mentioned above, the institution will have to apply On-line on AICTE web portal in next academic session for continuation of approval.**

The Society/Trust/Institution shall obtain necessary affiliation / permission from the concerned affiliating University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET)(as applicable) as per the prescribed schedule of the University/ Board of Technical Education (BTE)/ Board of Technical Education & Training (BTET)(as applicable) Admission authority etc. The Applicant Society/Trust/Institution shall send information about commencement of the above courses to AICTE. In case the Institution is not in a position to commence the above mentioned courses for whatever reason during the two years period from the date of issue of this letter, the approval becomes invalid and the applicant Society/Trust/Institution shall make fresh application to AICTE for grant of approval as per the norms prevailing at that time.

All Institution shall fulfill the following general conditions:

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1. The management shall provide adequate funds for development of land and for providing related infrastructural, instructional and other facilities as per norms and standards laid down by the Council from time to time and for meeting recurring expenditure.
2. The Eligibility Criteria for admissions shall be made in accordance with the regulations notified by the Council from time to time.
3. The tuition and other fees shall be charged as prescribed by the Competent Authority within the overall criteria prescribed by the Council from time to time. No capitation fee shall be charged from the students/ guardians of students in any form. If found so, appropriate action as per the notified regulations shall be initiated against the Institution
4. The Curriculum of the course, the procedure for evaluation / assessment of students shall be in accordance with the Model Curriculum and Examination Reforms prescribed by the AICTE from time to time.
5. The management of the Institution shall not discontinue any course(s) or start any new course(s) or alter intake capacity of seats without the prior approval of the Council.
6. No excess admission shall be made by the Institution over and above the approved intake under any circumstances. In case any excess admission is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution.
7. The Institution shall not have any collaborative arrangements with any other Indian and / or Foreign Universities for conduct of technical courses without obtaining prior approval from AICTE. In case any violation is reported to the Council, appropriate action as per the notified regulations shall be initiated against the Institution
8. The Institution shall not conduct any course(s) as specified in the Approval Process Handbook without prior permission / approval of AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
9. The Institution shall operate only from the approved location, and that the institution shall not open any off campus study centers / extension centers directly or in collaboration with any other institution / university / organization for the purpose of imparting technical education without obtaining prior approval from the AICTE. If found so, appropriate action as per the notified regulations shall be initiated against the Institution.
10. The accounts of the Institution shall be audited annually by a certified Chartered Accountant and shall be open for inspection by the Council or persons authorized by it.
11. Heads of Departments, the teaching and other staff shall be appointed in given time frame and selection shall be done according to procedures, qualifications and experience prescribed by the Council from time to time and pay scales are as per the norms prescribed by the AICTE from time to time. The Institution shall publish an information booklet before commencement of the academic year giving details regarding the Institution and courses / programs being conducted, Fees charged and details of infrastructural facilities including faculty etc. in the form of mandatory disclosure. The information booklet may be made available to the stakeholders of the technical education. The mandatory disclosure information, as per directions in the AICTE website / Approval Process Handbook, shall be put on the Institution Website. The information shall be revised every year with updated information about all aspects of the Institution.
12. It shall be mandatory for the Institution to maintain a Website providing the prescribed information. The Website information must be continuously updated as and when changes take place.
13. If the Institution fails to disclose the information or suppress and / or misrepresent the information, appropriate action as per the notified regulations shall be initiated against the Institution.
14. AICTE may also conduct inspections with or without notifying the dates to verify specific complaints, to verify adherence to AICTE norms & standards, and to verify any mis-representation, violation of norms & standards, mal-practices etc.
15. The Institution by virtue of the approval given by Council shall not automatically become claimant to any grant-in-aid from the Central or State Government.
16. In the event of a student / candidate withdrawing before the starting of the course, the wait listed candidates should be given admission against the vacant seat. The entire fee collected from the student, after a deduction of the processing fee of not more than Rs. 1000/- (Rupees one thousand only) shall be refunded and returned by the Institution to the student / candidate withdrawing from the program. It would not be permissible for the Institution to retain the School / Institution Leaving Certificates in original to force retention of admitted students and not to charge fees for the remaining period if a student cancels the admission at any point of time.
17. The Institution shall take appropriate measures for prevention of ragging in any form, in the light of AICTE regulation "Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to Universities imparting technical education" Regulation 2009 (F.No. 37-3/Legal/AICTE/2009 dated 01/07/2009). In case of failure to prevent the instances of ragging by the Institutions, the Council shall take appropriate action as per the notified regulations.
18. It is mandatory to comply all the essential requirements as given in APH 2019-20(appendix 6)

The Management of the Institution shall strictly follow further conditions as may be specified by the Council from time to time. The Council may withdraw the approval, in case it observe any violation of the above conditions and/or non-adherence to the norms and standards prescribed by the Council, mis-representation of facts and submitting factually incorrect information to it.

NOTE: If the State Government / UT / DTE / DME has a reservation policy for admission in Technical Education Institutes and the same is applicable to Private & Self-financing Technical Institutions, then the State Government / UT/ DTE / DME shall ensure that 10 % of Reservation for EWS would be operational from the Academic year 2019-20. However, this would not be applicable in the case of Minority Institutions referred to the clause (1) of Article 30 of Constitution of India.

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:

1. **The Director Of Technical Education****, Delhi
2. **The Registrar****,
Indraprastha Institute Of Information Technology, Delhi

Application No:1-4968910421

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3. **The Principal / Director,**
Indraprastha Institute Of Information Technology Delhi
Indraprastha Institute Of Information Technology - Delhi (IIT-Delhi)
Okhla Industrial Estate,Phase Iii
(Near Govind Puri Metro Station)

Delhi,South Delhi,
Delhi,110020
 4. **The Regional Officer,**
All India Council for Technical Education
Plot No. 1A, 5th Floor, DTE(Pb.) Building,
Dakshin Mark, Sector 36-A, Chandigarh-160 036
 5. **Guard File(AICTE)**
-

Note: Validity of the Course details may be verified at <http://www.aicte-india.org/>

****Copy of this letter will not be communicated through post/email. However, provision is made in the portal for downloading letter through Authorized login credentials allotted to concerned State Secretary/ DTE/Registrar.**

Appendix II

B.Tech

Sl. No.	Roll No	Full Name	program Specialization	Graduating with Honors	Graduating with minor in CB	Graduating with minor in ECO	BTP
1	2013118	Vishal	CSE	NO	NO	NO	NO
2	2014103	Siddharth Arya	CSE	NO	NO	NO	NO
3	2014130	Aishwarya Raj	ECE	NO	NO	NO	NO
4	2014168	Tarun Verma	ECE	NO	NO	NO	NO
5	2015001	Aakash Deep	CSE	NO	NO	NO	NO
6	2015002	Aarushi Arya	CSE	NO	NO	NO	NO
7	2015003	Aayushi Malik	CSE	NO	NO	NO	YES
8	2015005	Abhishek Chauhan	CSE	NO	NO	NO	YES
9	2015006	Abhishek Vashisht	CSE	NO	NO	NO	NO
10	2015007	Aditya Adhikary	CSE	YES	YES	NO	YES
11	2015008	Ajay Balasubramanian	CSE	NO	NO	NO	YES
12	2015009	Ajit Singh	CSE	NO	NO	NO	NO
13	2015011	Akash Kumar Gautam	CSE	NO	NO	NO	NO
14	2015012	Aman Agarwal	CSE	NO	NO	NO	YES
15	2015014	Anannya Uberoi	CSE	YES	YES	NO	YES
16	2015015	Anirudh Singh	CSE	NO	NO	NO	YES
17	2015017	Ashutosh Batabyal	CSE	NO	NO	NO	YES
18	2015019	Chainika Tanwar	CSE	NO	NO	NO	NO
19	2015021	Dattatreya Mohapatra	CSE	YES	NO	NO	YES
20	2015022	Deepak Gupta	CSE	NO	NO	NO	YES
21	2015024	Devishi Kesar	CSE	YES	YES	NO	YES
22	2015025	Dewansh Gautam	CSE	NO	NO	NO	NO
23	2015026	Dhruva Sahrawat	CSE	YES	NO	NO	YES
24	2015028	Divyanshu Talwar	CSE	NO	NO	NO	YES
25	2015029	Gargi Gupta	CSE	NO	NO	YES	YES
26	2015030	Gaurav Gehlot	CSE	YES	NO	YES	YES
27	2015032	Gunkirat Kaur	CSE	YES	NO	NO	YES
28	2015036	Harshit Sharma	CSE	NO	NO	NO	NO
29	2015037	Harshit Verma	CSE	NO	NO	NO	YES
30	2015038	Harshpreet Singh	CSE	NO	NO	NO	NO
31	2015039	Hasan Kamal	CSE	YES	NO	NO	YES

32	2015041	Ishbir Walia	CSE	NO	NO	NO	NO
33	2015044	Jai Nagar	CSE	NO	NO	NO	NO
34	2015045	Katari Sakethram	CSE	NO	NO	NO	NO
35	2015046	Katyayani Singh	CSE	NO	NO	NO	YES
36	2015047	Khushvinder Vaid	CSE	NO	NO	NO	NO
37	2015048	Kshitij Gupta	CSE	NO	NO	NO	NO
38	2015049	Kushagra Arora	CSE	YES	NO	NO	YES
39	2015050	Lamha Goel	CSE	YES	NO	NO	YES
40	2015051	Luv Sharma	CSE	NO	NO	NO	YES
41	2015053	Manik Arora	CSE	NO	NO	NO	NO
42	2015054	Mayank Bhorla	CSE	NO	NO	NO	NO
43	2015057	Md. Altaf Raza	CSE	NO	NO	NO	NO
44	2015058	Mohd Aadil	CSE	NO	NO	NO	NO
45	2015060	Mohit Agarwal	CSE	YES	NO	NO	YES
46	2015062	Mrinal Abrol	CSE	NO	NO	NO	NO
47	2015063	Nambiar Pranav V V Surendran	CSE	NO	NO	NO	YES
48	2015064	Naveen Attri	CSE	NO	NO	NO	YES
49	2015066	Nishant Sinha	CSE	NO	NO	NO	NO
50	2015068	Parimi Viraj	CSE	YES	NO	NO	YES
51	2015069	Parth Mittal	CSE	NO	NO	NO	YES
52	2015070	Pawan Kumar	CSE	NO	NO	NO	NO
53	2015072	Prashant	CSE	NO	NO	NO	YES
54	2015075	Raunak Sinha	CSE	NO	NO	NO	YES
55	2015076	Rishabh Garg	CSE	YES	NO	NO	YES
56	2015077	Rishabh Khatri	CSE	NO	NO	NO	NO
57	2015078	Rohit Kumar	CSE	NO	NO	NO	NO
58	2015079	Rohit Raj	CSE	NO	NO	NO	NO
59	2015080	Ronak Kumar	CSE	NO	NO	NO	NO
60	2015081	Rupal Jain	CSE	NO	NO	NO	NO
61	2015082	Saksham Suri	CSE	NO	NO	NO	YES
62	2015083	Sanchit Sinha	CSE	YES	NO	NO	YES
63	2015085	Sanidhya Singal	CSE	NO	NO	NO	YES
64	2015086	Sarthak Garg	CSE	NO	NO	NO	NO
65	2015087	Saurabh Kapur	CSE	NO	NO	NO	NO
66	2015089	Saurabh Kumar	CSE	NO	NO	NO	NO

67	2015090	Shaan Chopra	CSE	NO	NO	NO	YES
68	2015091	Shashwat Chaudhary	CSE	YES	NO	NO	YES
69	2015093	Shivani Raina	CSE	NO	NO	NO	NO
70	2015094	Shiven Mian	CSE	NO	NO	NO	YES
71	2015095	Shourya Sharma	CSE	NO	NO	NO	NO
72	2015099	Shyam Agrawal	CSE	NO	NO	NO	NO
73	2015100	Siddharth Chandra	CSE	NO	NO	NO	NO
74	2015102	Sourav	CSE	NO	NO	NO	NO
75	2015103	Subramanyam Venkata Dantu	CSE	NO	NO	NO	YES
76	2015106	Tanmay Goyal	CSE	NO	NO	NO	YES
77	2015108	Tushita Rathore	CSE	NO	NO	YES	YES
78	2015111	Vaibhav Kashyap	CSE	NO	NO	NO	NO
79	2015112	Varnit Jain	CSE	NO	NO	NO	YES
80	2015113	Vasu Agarwal	CSE	NO	NO	NO	YES
81	2015114	Vedant Nanda	CSE	NO	NO	NO	YES
82	2015115	Vishal Raj Dutta	CSE	NO	NO	NO	YES
83	2015117	Yellapragada Santoshi Ramya	CSE	YES	YES	NO	YES
84	2015118	Yohaam Gulia	CSE	NO	NO	NO	NO
85	2015119	Aakanksha	ECE	NO	NO	NO	NO
86	2015120	Abhinav Khattar	CSE	NO	NO	NO	YES
87	2015122	Aditi Bainss	ECE	NO	NO	YES	NO
88	2015126	Akhil Goel	CSE	YES	NO	NO	YES
89	2015130	Apoorva	ECE	NO	NO	NO	YES
90	2015132	Arpan Mondal	ECE	NO	NO	NO	YES
91	2015133	Aravinda Kumaran Venkadeswaran	ECE	NO	NO	NO	YES
92	2015134	Aryan Saini	ECE	NO	NO	NO	YES
93	2015135	Avdesh Kumar	ECE	NO	NO	NO	YES
94	2015136	Bhavna	ECE	NO	NO	NO	YES
95	2015139	Ekansh	ECE	NO	NO	NO	YES
96	2015140	Gurpreet Singh	ECE	NO	NO	NO	NO
97	2015142	Kartik Mathur	ECE	NO	NO	NO	YES
98	2015144	Krishan Bihari	ECE	NO	NO	NO	NO
99	2015145	Kunal Sharma	ECE	NO	NO	NO	NO

100	2015148	Mohit Kumar	ECE	NO	NO	NO	NO
101	2015150	Nikhil Verma	ECE	NO	NO	NO	NO
102	2015151	Nishant Gahlawat	ECE	NO	NO	NO	YES
103	2015154	Paras Jain	ECE	NO	NO	NO	NO
104	2015157	Prasoon Jain	ECE	NO	NO	NO	NO
105	2015159	Puneet Mohan Puria	ECE	NO	NO	NO	NO
106	2015162	Rajat Aggarwal	ECE	NO	NO	NO	NO
107	2015163	Rajat Kumar	ECE	NO	NO	NO	NO
108	2015164	Rajesh Kumar	ECE	NO	NO	NO	YES
109	2015165	Ravi Sharma	ECE	NO	NO	NO	NO
110	2015167	Sagar Khurana	ECE	YES	NO	YES	YES
111	2015168	Sambeet Kumar	ECE	NO	NO	NO	NO
112	2015169	Sarthak Jindal	CSE	YES	NO	NO	YES
113	2015170	Sarthika Dhawan	CSE	YES	NO	NO	YES
114	2015171	Satyender	ECE	NO	NO	NO	NO
115	2015172	Saumya Balodi	ECE	NO	NO	NO	YES
116	2015174	Saurav Kumar	ECE	NO	NO	NO	NO
117	2015175	Shagun Kapur	ECE	YES	NO	NO	YES
118	2015180	Shubhankar R Butta	ECE	YES	NO	YES	YES
119	2015181	Siriparapu Vindhya Y V	ECE	NO	NO	NO	YES
120	2015186	Vanshit Gupta	CSE	NO	NO	NO	NO
121	2015187	Varshita Gupta	ECE	NO	NO	NO	YES
122	2015188	Vedant Kashyap	ECE	NO	NO	NO	NO
123	2015190	Vijyeta Samvedi	ECE	NO	NO	NO	NO

M.Tech

S.No.	Roll No.	Full Name	Discipline	Graduating Specialisation	Thesis/SP/CapP/IndP
1	MT17003	Akshara Rai	CSE		IndP
2	MT17004	Aman Uniyal	CSE		CapP
3	MT17009	Chetna Wadhwa	CSE		IndP
4	MT17010	Chirag Khurana	CSE		IndP
5	MT17011	Dheeraj Singh	CSE		IndP
6	MT17014	Himani Sharma	CSE		CapP
7	MT17016	Himanshu Punetha	CSE		CapP
8	MT17017	Jalaj Gambhir	CSE	Data Engineering	CapP
9	MT17021	Kritika Bansal	CSE	Data Engineering	IndP
10	MT17024	Mallika Gupta	CSE		CapP
11	MT17025	Manish Tomar	CSE		IndP
12	MT17026	Manpreet Kaur	CSE		IndP
13	MT17027	Mitul Vohra	CSE	Data Engineering	IndP

14	MT17030	Naresh Nunna	CSE		CapP
15	MT17032	Niyati Singal	CSE	Data Engineering	IndP
16	MT17033	Ojasvi Aggarwal	CSE		IndP
17	MT17034	Pallavi S Rawat	CSE	Data Engineering	CapP
18	MT17041	Prateek Rawat	CSE		IndP
19	MT17042	Prerna Kalla	CSE	Information Security	IndP
20	MT17046	Rakesh Singh Rawat	CSE		CapP
21	MT17048	Rhythm Nagpal	CSE		IndP
22	MT17052	Sameer Khurana	CSE		CapP
23	MT17053	Sanjoli Jain	CSE		IndP
24	MT17056	Shubham Singhal	CSE		CapP
25	MT17058	Shubhrata Khandelwal	CSE		IndP
26	MT17060	Suman Kumar	CSE		CapP
27	MT17065	Vaibhav Varshney	CSE		CapP
28	MT17069	Vishal Gulia	CSE		IndP
29	MT17070	Yashika Goel	CSE		IndP
30	MT17071	Yogesh	CSE		IndP
31	MT17081	Ajay P	ECE	Communication and Signal Processing	IndP
32	MT17082	Anushree Singla	ECE	VLSI & Embedded Systems	IndP
33	MT17083	Ashwin Krishnan	ECE	VLSI & Embedded Systems	IndP
34	MT17086	Chaitanya Pathak	ECE	VLSI & Embedded Systems	IndP
35	MT17087	Chaudhari Vaibhav Ishwarlal	ECE	VLSI & Embedded Systems	CapP
36	MT17095	Kaiynat Zafer	ECE	VLSI & Embedded Systems	IndP
37	MT17102	Naina Aggarwal	ECE	VLSI & Embedded Systems	IndP
38	MT17106	Patil Suyog Bhimrao Suvarna	ECE	VLSI & Embedded Systems	CapP
39	MT17112	Ramanujapuram Phanindra	ECE		IndP
40	MT17114	Robin Sharma	ECE	VLSI & Embedded Systems	IndP
41	MT17117	Samyak Shukla	ECE	VLSI & Embedded Systems	IndP
42	MT17121	Shivangi Pritam	ECE	VLSI & Embedded Systems	IndP
43	MT17123	Shubhangi Agrawal	ECE		IndP
44	MT17125	Swastika Kumari	ECE	VLSI & Embedded Systems	IndP
45	MT17147	Shivam	CB		Thesis

PhD

Roll No.	Discipline	Name	Degree Date
PhD1103	Computer Science and Engineering	Jyoti Leeka	21-Dec-18
PhD1202	Computer Science and Engineering	Gaurav Goswami	21-Dec-18
PhD1204	Computer Science and Engineering	Jayaprakash G	21-Dec-18
PhD1214	Computer Science and Engineering	Robin Kumar Verma	21-Dec-18
MT12061	Computer Science and Engineering	Alvika Gautam	21-May-19
MT12065	Computer Science and Engineering	Garvita Bajaj	21-May-19
PhD1101	Computer Science and Engineering	Anuj Shanker Saxena	21-May-19
PhD1211	Computer Science and Engineering	Dheryta Jaisinghani	21-May-19
PhD1307	Computer Science and Engineering	Haroon Rashid Lone	21-May-19
PhD1316	Computer Science and Engineering	Srishti Gupta	21-May-19
MT13132	Electronics and Communications Engineering	Priya Aggarwal	21-May-19
PhD14107	Electronics and Communications Engineering	Parag Aggarwal	21-May-19

MEMORANDUM OF UNDERSTANDING
BETWEEN
INDIAN NAVY AND IIIT DELHI FOR M.TECH. PROGRAMMES

This Memorandum of Understanding (hereinafter referred to as "MoU") is signed this, the 07 day of June, Two Thousand Nineteen at New Delhi

By and Between

The **Indian Navy** (hereinafter referred to as "**First Party**") of the one part

And

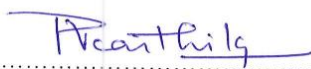
The **Indraprastha Institute of Information Technology Delhi** (hereinafter referred to as "**Second Party**") of the other part.

1. WHEREAS the First Party is an organisation of the Government of India and a part of the Indian Armed Forces functioning under Ministry of Defence.
2. WHEREAS the **Second Party** is Indraprastha Institute of Information Technology (IIIT) Delhi, one among the foremost institute of repute in higher technological education, basic and applied research. WHEREAS it is the statutory object of IIIT Delhi to disseminate advance knowledge by providing instructional, research and extension facilities in such branches / fields of learning as it may deem fit and shall endeavour to provide to students and teachers, necessary atmosphere and facilities for promotion of innovation in education leading to restructuring of courses, methods of teaching and learning, and integral development of personality; studies in various disciplines; Inter disciplinary studies, national integration, secularism and international understanding.

OBJECTIVE

3. WHEREAS this MoU records mutual intent for academic collaboration between the Indian Navy and IIIT Delhi for academic advancement of B.E./B.Tech. qualified officers of Indian Navy, by providing them an opportunity to pursue Master of Technology Programmes in the fields of mutual interest and convenience.

TERMS AND CONDITIONS OF ADMISSION



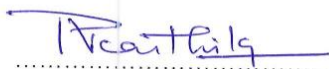
Captain (PMG-CMS)



Registrar IIIT Delhi



4. The Second Party has agreed to provide admission to 02 to 04 selected officers of the First Party in every academic year to pursue Masters of Technology programmes (conducted by the Second Party), in the fields of mutual interest.
5. Increase or decrease in the number of these seats and the fields of mutual interest can be considered depending upon the requirements projected by the First Party to the Second Party by 31 January every year.
6. **Eligibility of Applicant** - Only the /NOfficers of Indian Navy with experience of at least one year in Indian Navy are eligible for selection. The educational qualification will be same as the regular M.Tech candidates decided by the M.Tech admission committee of IIIT Delhi on year to year basis. However, IIIT Delhi may relax the eligibility requirement (including GATE qualification) keeping in view the experience of the person with specialised skill on recommendation of PGC and approval of Chairman, Senate.
7. This MOU shall be only for the Indian Navy officers, recommended by Integrated Naval Headquarters of Ministry of Defence (Navy) / Directorate of Personnel.
8. The selection of candidates will be undertaken jointly by a panel/board comprising members from Indian Navy and one representative from IIIT-Delhi. Post selection of the candidate, duly signed result along with the documents (Certificates/testimonials including sponsorship certificate) would be forwarded by Integrated Headquarters of Ministry of Defence (Navy)/Directorate of Personnel to IIIT-Delhi for further processing related to admission of the selected candidates by 30 April every year.
9. The Selected Naval candidates shall make their own arrangements for their boarding and lodging. There shall be no liability on the part of IIIT-Delhi towards hostel accommodation or any financial assistance to these sponsored students. However, hostel accommodation can be considered on special request on case to case basis subject to the availability of the same.


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Captain (PMG-CMS)


.....
Registrar IIIT Delhi



10. Fee Structure will be same as the regular full time M Tech student notified every year, however the first party may request for waiver of fee which can be considered on merit on case to case basis.
11. Graduation requirement will be same as applicable for regular full time students as defined in the PG regulation of IIIT-Delhi.
12. Any issue related to conduct and discipline arising in respect of the selected Naval candidates, shall be reported to Integrated Headquarters of Ministry of Defence (Navy) / Directorate of Personnel by the Second Party for appropriate action.
13. A Coordinator from both the sides will be appointed to oversee the implementation of MoU. The First Party will nominate one officer as their representative for coordinating the activities related to the admission of Naval candidates. He will liaise with officers of the Second party to deal with their admission in M. Tech. programme.
14. Rules and regulation of IIITD shall apply in cases where the MoU is silent.

APPROVAL

15. This MoU is subject to the approval of the competent authorities of both parties and also subject to the relevant laws of the land. The approval of the said competent authorities shall be deemed to be in place, once this MoU is signed by both the parties.

COPYRIGHT AND INTELLECTUAL PROPERTY

16. All copyrights of the course content / materials developed by the IIIT Delhi shall rest with the IIIT Delhi, and all copyrights of the course content/material developed jointly by the IIIT Delhi and the Naval candidates shall be held jointly by both of them. In case of involvement/requirement of third party licensing, the same will be mutually discussed and decided.



Captain (PMG-CMS)



Registrar IIIT Delhi



VALIDITY

17. This MoU will be effective from the date when signed by both the parties and is valid for a period of three years. This MoU may be amended at any time with mutual written consent of both the parties.

TERMINATION

18. This MoU may be terminated at any time by mutual consent or notice of six months from either Party to the other Party. However, in case of termination, the Naval officers already enrolled for the M.Tech. Programmes shall be permitted to complete their programmes in the University as per the terms and conditions of this MoU.

INTERPRETATION

19. In case any doubt or difference arises as to interpretation of the provision of this MoU or as to matters not provided herein this MoU, the parties shall consult each other and resolve such doubts or differences in good faith.

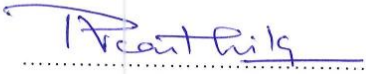
MODIFICATION

20. The terms and conditions of this MoU may be modified if and when required with the written consent of both the parties.

DISPUTE RESOLUTION

21. In case of any dispute/point of disagreement on any issue arise, it would be referred to the Dispute Resolution Committee, comprising the Capt (PMG CMS)/ Integrated Headquarters of Ministry of Defence (Navy), and the Director/ IIIT Delhi, constituted for resolution through mutual discussion.

22. **Governing Law.** The MoU shall be governed, interpreted and construed in accordance with the substantive laws of the land.


.....
Captain (PMG-CMS)


.....
Registrar IIIT-Delhi




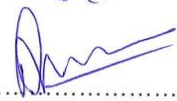
23. **Notices.** Any notice, approval, consent or notification required or permitted to give hereunder shall be in writing in English and shall be personally delivered or transmitted by fax/email to the addresses specified below or to such addresses as may from time to time be given, by Party to the other Party in writing.

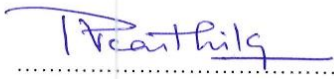
IN WITNESS WHEREOF both the parties have signed this Memorandum of Understanding through the respective signatories at New Delhi on the above written date.

On behalf of Indian Navy

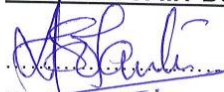
.....
Captain (PMG-CMS)
Integrated HQ of Ministry of Defence (Navy)
New Delhi

Witnesses:-



1. 
.....
CDR S JAISON
CDR (NT)
2. 
.....
Cdr Mridul Pande
Cdr (PMG-CMS)


.....
Captain (PMG-CMS)

On behalf of IIT Delhi


.....
Registrar
IIT Delhi
New Delhi

Witnesses:-

1. 
.....
Prof. ANUBHA GUPTA
2. 
.....
SHEETU AHUJA


.....
Registrar IIT Delhi



Guidelines for proposing changes in existing program curriculum of programs offered at IIITD

The programs at IIIT-Delhi will be reviewed at the Institute level and at the Department level every 5 years.

Guidelines for Institute Level changes

Institute level changes involve the change in the academic processes such as branch change rule or change in the curriculum framework such as change in the common Institute core (of say I year curriculum of UG programs), number of open electives, number of discipline electives in the curriculum, etc.

As a part of the relevant practice for reviewing UG/PG curriculum once in every 5 years DoAA should initiate the process and form a Curriculum Review Committee comprising of the following members

1. DoAA (Chairperson)
2. UGC Chair
3. PGC Chair
4. One faculty representative from each department
5. Some external academic and/or industry experts
6. Alumni (if required)

A concept paper should be prepared based on the feedback from all stakeholders and analysis of current structure and changes suggested. The above committee should review the existing program structure and recommend the changes (along with the supporting documents including minutes of the meetings, changes proposed, etc.) that should be in accordance to the institute approved structure. The UG chair and the PG chair will discuss the problems and proposed solutions time-to-time in the UGC committee (for UG program) and PGC committee (for PG program), respectively. Finally, the proposed changes will be placed before Senate through UGC or PGC committee for approval.

Guidelines for Department Level changes

Department level changes may include major changes (any change in the regulations including course structure is called major change), e.g. addition/deletion/change of discipline core courses, positioning of discipline core courses in different semesters, etc.

Head of the Department should initiate the process and form a committee comprising of the following members

1. HoD (Chairperson)
2. UGC Chair for UG program/ PGC Chair for PG program
3. Department faculty
4. Some external academic/industry experts

5. Alumni

The Institute/department may feel a need to change the program curriculum based on the Industry demand or to incorporate the changes in technology etc. A concept paper should be prepared based on the feedback from all stakeholders and analysis of current structure and expected requirements. The above committee should review the existing program structure and recommend the changes. Any change required in the overall curriculum framework, say in the Institute compulsory courses (of I year UG curriculum) or change in the number of open elective (a minimum of 5 in each UG program) has to be forwarded to the DoAA office for consideration under Institute level Program change.

The process given below should be followed by the Department/Institute to propose and implement any change in the curriculum

1. In principle, whether a change is minor or major and what is the best possible solution to implement the change (proposal as well as how many workshops are needed, and so on) will be deliberated upon and decided in the UGC for the UG program and in the PGC committee for the PG program related change.
2. For a department level change, the department should hold some workshops/discussions involving the above mentioned entities as recommended by the UGC/PGC committees. There should be at least 5-8 external experts who are a part of the above committee. Apart from the curriculum, the viability of the proposed changes in terms of added value to the acceptability of the students in higher studies or employability in industrial work, should be considered as some key merit indices in these deliberations.
3. Detailed documentation of the discussions along with the minutes and proposed changes should be sent to the Academic Office for discussion in UGC/PGC.
4. The proposed program structure should be as per the institute approved structure of B.Tech/M.Tech programs placed at Annexure I and II, respectively.
5. The proposed changes along with UGC's/PGC's recommendation will be taken to the Senate for discussion and approval. To the Senate, it should be made clear as to what regulations are being changed, deleted, and modified (all program rules must be codified in regulations - if it is not in regulations, it is not a requirement). These changes to the program may be reported as part of Senate minutes to the Board to keep them informed.
6. Once approved, the academic office will update the regulations and inform the students about the new changes. The approved changes would be applicable from the next admitted batch.

Minor changes to the program such as change of free elective to regular elective or regular elective to free elective, changes in the contents of discipline courses, may be undertaken at the department level and should be reported to the UGC/PGC.

Annexure I
UG Programs

1. Total credits required = 156, equivalent to 39 number of 4-credit courses(Including 2 Cr each of SG and CW)
2. Institute compulsory courses in the first year: (9 courses) – IP, DC, SM, Math-1, IED, DSA, P&S, COM, TCOM+EVS
3. Three courses of four credits each from the SSH courses (Excluding CSSS program)
4. Five to ten courses from other programs as open electives
5. A maximum of 32 credits of department electives (which includes both CSE+X courses for interdisciplinary programs)
6. Department core should be positioned in the 2nd year or latest in the 5th semester.

Program	Institute Compulsory- Category 1	Institute Compulsory- Category 2	Department Compulsory	Department Elective	SSH	Open Elective	Total Credits
CSE	9 Courses IP DC SM Math I IED DSA P&S COM TCom+EVS	1 Course- BE	7 Courses-AP, CO, DM, DBMS, OS, ADA, CN	8 Courses	3 Courses	10 Courses	39 Courses = 156 Credits (Includes Compulsory CW and SG credits)
ECE		1 Course- BE	8 Courses-CTD, ELD, S&S, M-III, F&W, IE, PCS, M-IV	8 Courses (Recommended Electives- DSP,DCS)		9 Courses	
CSAM		1 Course- BE	10 Courses-RA-I, CAOS, DS, M-IV, ADA, AA-I, TOC, LO, SI, SPA	8 Courses = 4+4/3+5 (Includes SP-I, SP-II, SP-III)		7 Courses	
CSD		0 Course	11 Courses-DDV,CO, VLC, AP, DPP, ADA(B), HCI, OS, DBMS, CN, DIS, RD	8 Courses= 4+4/3+5		7 Courses	
CSB		1 Course- BE	12 Courses- CAOS, AP, M-III, CBB, GMB, FoB, ADA(B), DBMS, PB, IMB, BSB, ACB	8 Courses= 4+4/3+5		5 Courses	
CSSS		0 Course	9 Courses- ME,CAOS, SSRM, ADA(B), PSY, AP, ISA, DBMS, CN	8 Courses= 4+4/3+5	NA	12 Courses	

Current M.Tech program structure

	I S	M C	D E	A I	CS P	VLS I	C B
3 Bucket/Core Courses	3	3	3	3	3	3	4
2-4 Department Electives	4	4	4	3	2	2	4
1-4 SP/Thesis							
1-4 Open Electives/IP/IS(This can include max 2 IP/IS)							

Guidelines for starting a new program

at

IIIT-Delhi

I. Introduction

This document presents the procedures and requirements of starting a new undergraduate (UG) or postgraduate (PG) program of study at IIIT-Delhi. Any new proposed program is required to be aligned with the mission and vision of IIIT-Delhi. In addition, the proposed UG or PG program should meet the respective objectives of the undergraduate and graduate programs of the Institute.

II. Participants

The process would involve BoG (for in principle approval), UGC/PGC, Senate, FC and BoG (for final approval to start the degree awarding program) with the following procedure:

A team of faculty members: having representation of domain experts of IIIT-D (this could be a department faculty, faculty from multiple departments, or faculty from a center) and some members of UGC committee (for new UG program) or PGC committee (for new PG program), who would coordinate the process of initiation and approval of the new program

Academic Experts: from other institutes of repute, who can give their inputs regarding program structure

Industry Experts: who can give their inputs regarding appropriateness of the program, the curriculum, internship and placement opportunities for the students of the program, etc.

DOAA, UG Chair (for new UG program), and PG Chair (for new PG program): who would provide their inputs based on their understanding of the curriculum structure of the existing UG and PG programs and their experience about the courses to be offered as a part of the program. The process of approval of new programs would be coordinated through the DoAA office.

Institute Offices: Academic Section (vetting of program structure and course descriptions to ensure that it meets requirements of the proposed degree program), Facilities (for any infrastructure facilities that will be used at IIIT-D) and DOFA for domain expert faculty requirements.

III. Process

The process of starting a new academic program is outlined below.

(1) A team of faculty members having representation of domain experts of IIIT-D and UGC committee (for new UG program) or PGC committee (for new PG program) would initiate the brainstorming sessions within the Institute, with the industry experts, and with the experts from other academic institutions about the nature and scope of the program. At the outset, they would

- a) Conduct at least one workshop having representation of academia, industry, and Institute faculty to moot the idea of the new program. The workshop should have good presence of external experts (at least 10-15) from outside the Institute to thoroughly understand the need, appropriateness, and scope of the program. The outcome of the workshops will be documented.
- b) Study similar programs at other top tier Institutions/Universities at the national and international levels and prepare a brief report.
- c) Prepare a brief report on the career growth and/or future career prospects of the students upon graduation
- d) Document the process of admission and admission criteria: It should primarily be inline with other UG/PG programs. The student strength and increase over years needs to be indicated. The proposed year of start of the program needs to be stated.
- e) Analyze and document the availability of the existing resources at the Institute and the requirement of new resources including Infrastructure requirements with respect to the classrooms and laboratories, hostel requirements, and other needs.
- f) Analyze and document the additional faculty required to be hired.

Documents (d) and (e) would be prepared as indicators for assessing the feasibility of starting the new program.

(2) The above documents from (a) to (e) would be presented in the form of a concept note to the BOG's for in-principle approval of the program.

(3) Once approved by BoG, 2-3 workshops will be conducted involving institute faculty and some external (academic and Industry) experts. The purpose of these rounds of workshops is to define the scope of the program, define program objectives, and prepare

a curriculum structure of the program with course names. The workshops should have good presence of external experts (at least 10-15) from outside the institute. The outcome of the workshops will be documented in the form of **Program Description Document** with contents described in the Next Section.

- (4) A document with the below details would be shared with the UGC committee (for new UG program) or the PGC committee (for new PG program) for further discussion and recommendations: Future career prospects/growth of the graduates, minutes of the workshops conducted with point-wise inputs given by the experts from Academia and Industry, program description, and Infrastructure needs. These would be thoroughly discussed in the respective Committee and any changes suggested would be incorporated. The Program Description Document would be vetted through the academic section to ensure that the program curriculum and structure meets the overall Institute requirements.
- (5) The finalized document would be presented through the UGC/PGC to the Senate for discussion and approval.
- (6) Requirements such as the number of new faculty to be hired, new facilities (like classrooms, lab facilities, student space, mess requirements, hostels, other facilities like photocopier, café, etc.) in the institute, TA requirements, and any other financial needs would be appropriately documented and forwarded to the Registrar. Fee structure and the cost analysis on the requirements would be handled by the administration section and presented to FC for approval.
- (7) The documents approved from the Senate and FC would be presented to BoG for final approval of the program.

IV. **Program Description Document**

This document should consist of the following:

- 1) Preamble- with the need and the scope of the program.
- 2) Goals/Program objectives: The document must state the goals or the objectives of the program.
- 3) Process of admission and admission criteria: It should primarily be inline with other UG/PG programs. The student strength and increase over years needs to be indicated. The proposed year of start of the program needs to be stated.
- 4) Program structure: This should specify the total number of credits required to graduate with that program (which should be inline with the existing UG and/or PG programs), graduation and program completion requirements, names of core courses and elective courses, and the mapping of courses to program objectives, no. of credits for each course, pre-requisites, and the no. of contact hours for each course. Objectives of each course, tentative course content, assessment plan, and grading scheme are only desirable but not mandatory for the approval of the program because these are organic elements. Laboratory and tutorial requirements should be specified with the courses.

- 5) Infrastructure requirements: Requirements in terms of number of concurrent classrooms (including class hours and tutorials), size of the classroom, laboratory requirement (in terms of size and equipment), lab staff requirement, load on mess, wi-fi, student space, etc. needs to be assessed and presented.
- 6) Internships/placements: These requirements in terms of meeting the program objectives should be specified. This may be none. But if there are requirements that count toward graduation requirements, these should be specified as well as some tentative details on how it would be worked, should be provided.
- 7) For each course that is to be taught, the department to which it belongs, a tentative list of Instructors and the requirement of hiring new must be specified. The requirement of teaching assistants that may assist in the course delivery and how or from where the requirement of the teaching assistant would be met, needs to be indicated.
- 8) Branch transfer rules need to be specified for the UG program.
- 9) The proposed curriculum should be based on the standard program structure of the Institute for B.Tech programs as placed at Annexure I and M.Tech programs as placed at Annexure II.

Annexure I UG Programs

1. Total credits required = 156, equivalent to 39 number of 4-credit courses(Including 2 Cr each of SG and CW)
2. Institute compulsory courses in the first year: (9 courses) – IP, DC, SM, Math-1, IED, DSA, P&S, COM, TCOM+EVS
3. 3 number of 4-credit SSH courses (Excluding CSSS program)
4. 5-10 number of open electives of other programs
5. A maximum of 32 credits of department electives (which includes both CSE+X courses for interdisciplinary programs)
6. Department core should be positioned in the 2nd year or at max in the 5th semester.

Program	Institute Compulsory- Category 1	Institute Compulsory- Category 2	Department Compulsory	Department Elective	SSH	Open Elective	Total Credits
CSE	9 Courses IP DC SM Math I IED DSA P&S	1 Course- BE	7 Courses-AP, CO, DM, DBMS, OS, ADA, CN	8 Courses	3 Courses	10 Courses	39 Courses = 156 Credits (Includes Compulsory CW and SG credits)
ECE		1 Course- BE	8 Courses-CTD, ELD, S&S, M-III, F&W, IE, PCS, M-IV	8 Courses (Recommended Electives- DSP,DCS)		9 Courses	
CSAM		1 Course-	10 Courses-RA-I,	8 Courses =		7	

	COM TCom+EVS	BE	CAOS, DS, M-IV, ADA, AA-I, TOC, LO, SI, SPA	4+4/3+5 (Includes SP-I, SP-II, SP-III)		Courses	
CSD		0 Course	11 Courses -DDV,CO, VLC, AP, DPP, ADA(B), HCI, OS, DBMS, CN, DIS, RD	8 Courses = 4+4/3+5		7 Courses	
CSB		1 Course- BE	12 Courses- CAOS, AP, M-III, CBB, GMB, FoB, ADA(B), DBMS, PB, IMB, BSB, ACB	8 Courses = 4+4/3+5		5 Courses	
CSSS		0 Course	9 Courses- ME,CAOS, SSRM, ADA(B), PSY, AP, ISA, DBMS, CN	8 Courses = 4+4/3+5	NA	12 Courses	

Annexure II

Current M.Tech program structure

	I S	M C	D E	A I	CS P	VLS I	C B
3 Bucket/Core Courses	3	3	3	3	3	3	4
2-4 Department Electives	4	4	4	3	2	2	4
1-4 SP/Thesis							
1-4 Open Electives/IP/IS(This can include max 2 IP/IS)							



Regulations for B.Tech. in Computer Science and Social Sciences (CSSS) Program

1. Preamble

The B.Tech. program in Computer Science and Social Sciences (CSSS) is born out of a recognition that professionals of either discipline often realise in practice the methodological tools and the thinking apparatus needed to solve many important problems are to be found in the other discipline. This in turn can be a formidable barrier in the practice of their epistemic work.

With the growing convergence of information technology with social systems, the role that social sciences play in the development of technology and business solutions is also increasing. Symmetrically, the role that information technology plays in addressing social problems is also increasing. The value proposition of this program, therefore, is this complementarity. That is, students interested in pursuing Computer Science can do Computer Science better with a training in Social Sciences; and at the same time, students interested in Social Sciences can do Social Sciences better with a good training in Computer Science.

In B.Tech. CSSS, social sciences comprise of the following disciplines: economics, sociology/anthropology, psychology, and liberal arts, communication and humanities. Within the program, students are offered two broad options. One is to earn a major in one of the above disciplines in conjunction with computer science. The other is to opt for a portfolio of courses across all social science disciplines while taking the same set of computer science courses. The program structure is motivated by the fact that the skill-set required to address social problems can only be addressed through an integrated systems approach that requires strong synergies between computer science and social sciences. A training in this integrated program will open up several opportunities in the industry, social sector, governance, policy as well as for graduate school.

Program Objectives:

The program aims to develop capabilities in Computer Science as well as Social Science. At the end of the program, a student will have:

1. Understanding of foundations, limits, and capabilities of computing
2. Ability to design and implement efficient software solutions using suitable algorithms, data structures, and other computing techniques.
3. Understanding the foundations of social sciences and articulating the ways in which ~~(at least two)~~ different social science disciplines enhance our understanding of society.
4. Ability to use **logical reasoning, theoretical perspectives** and analytical methods including **modelling**, data collection and evaluation for understanding issues from different social scientific disciplines.
5. Ability to synthesize concepts and methods from different social science disciplines and computing and apply these to address issues relating to society.

In addition, the graduate of this program will also have the following general skills that are common with other B.Tech. programs:

6. Ability to function effectively in teams to accomplish a common goal.
7. An understanding of professional and ethical responsibility.
8. Ability to communicate effectively with a wide range of audiences.
9. Ability to self-learn and engage in life-long learning.
10. Ability to undertake research tasks and projects.
11. Ability to take an idea and develop into a business plan for an entrepreneurial venture.
12. Understanding of the impact of solutions in an economic, societal, and environment context.

2. Program Structure

The B.Tech. program at IIIT-D follows a philosophy of having a small set of core-courses, allowing students significant flexibility in designing their curriculum and specialization.

A. In the first few semesters mostly core courses are done. The structure for first four semesters is (courses mentioned in [] are electives and actual courses for these slots are as defined from semester to semester.):

Semester 1	Semester 2	Semester 3	Semester 4	Semester 5
Intro to Programming	Data Structures and Algorithms	Operating Systems	Algorithm Design and Analysis	
Digital Circuits	Introduction to Sociology/Anthropology	Research Methods in Social Sciences and Design	Convex Optimization	
Maths-I (Linear Algebra)	Maths-II (Probability and Statistics)	Discrete Mathematics	Database Management Systems	
Prototyping Interactive Systems	Computer Organization	Advanced Programming	Econometrics I	Technical Communication + Environmental Sciences
Communication Skills	Critical Thinking and Readings in Social Sciences	Math-III (Advanced Calculus)	[Human-Computer Interaction / Graph Theory]	

Note: 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.

B. List of Technical and Non-technical courses of first year

Semester	Technical Courses	Non-Technical Courses
Semester 1	Introduction to Programming Digital Circuits Maths I System Management + IED	Communication Skills
Semester 2	Data Structures and Algorithms Introduction to Sociology/Anthropology Probability and Statistics Introduction to Engineering Design Critical Thinking and Readings in Social Sciences	

- C. 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.
- D. 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 as open electives.
- E. List of courses, and further information about the courses is available on the website: <https://www.iiitd.ac.in/academics/courses>
- F. Other requirements as specified later.

3. Requirements for Graduation

For a B.Tech. (CSSS) degree, a student must satisfy all the following requirements:

1. Earn a total of 156 (inclusive of 2 credits each of SG/CW credits) credits (equivalent to 39 full courses – 21 courses in the first two years, and 18 courses in the last two years.)
2. Successfully complete all the core courses, and special electives (if specified).
3. Do 2 credits of Community Work and Self Growth each. These are pass/fail credits, which are required to be completed, and will count for fulfilling the credit requirements.
4. A student may take Online Courses. No more than 8 of these credits can count towards satisfying the credit requirements of the degree.
5. **The students who choose to earn a major in economics will need to obtain at least 32 credits in this discipline (including Convex Optimization and Econometrics I). Of these 32 credits, 16 credits must be obtained from a pre-determined list of compulsory courses. The remaining 16 credits are to be obtained from the list of economics electives.**

6. The students who choose to opt for a portfolio of courses across all social science disciplines should complete at least 28 credits of social science and humanities disciplines in the last four semesters. These courses are to be opted from the list of electives provided in the appendix, or as mandated by the SSH department.
7. The structure of streams is defined in Appendix. B.Tech. Project /Independent Project/Independent Study/Undergraduate Research will not count towards this requirement. UGC may approve some other relevant courses (e.g., Maths/CSE etc.) to be counted as CSE/SSH courses for this purpose. Online courses of the respective discipline (i.e. online courses with CSE/SSH course code), if done in last four semesters will count towards this requirement.
8. A B.Tech. Project (BTP) is not compulsory for this program. A student opting for BTP, may take a total of 8 to 12 credits of BTP, spread over minimum 2 semesters, with no more than 8 credits in a semester. A student not completing BTP credits will have to forgo the partial BTP credits earned earlier and it will not be counted towards the credit requirement of 156 credits.\
9. A student may take “Independent Project” or “Independent Study” or “Undergraduate Research” courses for 1, 2, or 4 credits in a semester. 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) and CGPA of atleast 7.0 can take these courses. These and BTP credits do not count towards elective/stream credit requirements and are treated as open electives.
10. Rest of the credits are considered as “open electives” and the student can choose any courses from these.
11. A student can take maximum 2, 2xx level courses in 3rd and 4th year.

4. Honors Program

The B.Tech. (CSSS) program has the Honors option, requirements for which are same as specified in the regulations for the B.Tech. program namely;

1. The student must earn an additional 12 discipline credits (i.e. must complete at least 168 credits).
2. The student’s program must include a B.Tech. Project.
3. At graduation time, the student must have a CGPA of 8.0 or more.

Appendix: Tentative list of Electives

Tentative list of electives is given below. For Social Science disciplines, currently three streams are planned: economics, sociology/anthropology, psychology – each of them is defined below. Some courses in each stream are compulsory. Remaining courses can be done from other courses offered for that stream. If a course of the stream is included as a core course, it can be counted towards satisfying the credit requirement for the stream. The list of courses in each stream is indicative, and will evolve with time.

Computer Science Electives

The set of possible elective courses for computer science stream will be a subset of CSE courses that are regularly offered. These will likely to include courses like Graph Theory, HCI, Social Network Analysis, Data Mining, Machine learning, Natural Language Processing, etc.

Liberal Arts, Communications, and Humanities Group

- Critical Thinking and Readings in Social Sciences
- History of Information
- Perspectives on Knowledge
- Law and Ethics for the Information Society
- Social Informatics
- Introduction to Philosophy
- New Media Life
- Media in Society: Public Sphere Approach
- Applied Ethics
- Social and Political Philosophy
- Digital Ethics
- Theory and Practice of Engineering Ethics.
- Comparative Politics in the Digital Age
- Indian Political Thought
- New Media and Democracy
- Political Communication
- Science and Technology Policy: A comparative perspective
- Philosophy of Technology

Economics (ECO)

- Convex Optimization (Compulsory)
- Microeconomics I (Compulsory)
- Game Theory (Compulsory)
- Econometrics I (Compulsory)
- Macroeconomics
- Microeconomics II
- Econometrics II
- Market Design
- Industrial Organization
- Decision Theory
- Micro-econometrics
- Spatial Statistics and Spatial Econometrics
- Political Economy
- Money and Banking
- Foundations of Finance
- Portfolio Valuation and Management

Sociology/Anthropology (SOC)

- Introduction to Sociology/Anthropology (Compulsory)
- Contemporary India: Sociological Perspectives (Compulsory)
- Information Technology and Society (Compulsory)
- Sociology of New Media
- Urban Sociology
- Science, Technology and Society
- Gender, Technology and Society

- Gender and Media
- Sociological Theory
- Surveillance and Society
- Environment and Lifestyle
- AI and Society
- Digital Social Research
- User Experience Research: Qualitative Perspective
- Consumer Culture and Society
- ICTs for Development
- Social Network Analysis

Psychology (PSY) (This will be developed into Cognitive Psychology)

- Introduction to Psychology (Compulsory)
- Cognitive Psychology (Compulsory)
- Social Psychology (Compulsory)
- Organizational Psychology
- Cultural psychology
- Media Psychology

Notes: The scheduling of courses in semesters, as well as the list of elective courses is illustrative and will change with time.

Change History

- **July 2017 release – Version 1**
- **January 2018 release – Minor changes**
- **July 2019 release**
 - (i) Counting of SG, CW credits in total credits. Applicable from 2017 batch onwards.
 - (ii) Total credits requirement for graduation and credit requirement for Honors students. Applicable from 2017 batch onwards.
 - (iii) Courses for Honors students. Applicable from 2017 batch onwards.
 - (iv) BTP to IP conversion. Applicable from AY2019-20.
 - (v) Technical Courses
 - (vi) 2xx level courses

Ph.D. Regulations for the Dept. of Human-Centered Design

The Ph.D. program aims to produce future designers and practice-based researchers in interaction design and user experience who have an excellent understanding of both social and technical techniques and tools.

Program Outcomes: The main outcomes of the Ph.D. program are given here. Students will investigate the effects of ICTs on human behaviour, communication and social interaction. At the end of the program a student is expected to have:

General Research Skills

1. Thorough understanding of the Design choices and processes.
2. Ability to design, develop and evaluate new technology-based systems for novel applications which meet the desired needs of industry and society.
3. Undertake original research at the cutting edge of design & its related areas.
4. Write research findings for academic publication
5. Work effectively individually or as a part of a team to accomplish a stated goal.
6. Understand professional and ethical responsibility.
7. Communicate effectively with a wide range of audiences.
8. Learn independently and engage in lifelong learning.

Social Research Theme	Technical Research Theme
<ul style="list-style-type: none"> ● Application of one or more of the social sciences to a detailed study Human-Technology interaction and their societal implications. ● Collect and analyze data from individual interviews, focus groups, video-based fieldwork <ul style="list-style-type: none"> ● Analyze and interpret qualitative research findings to generate recommendations for applied systems design ● Develop interpretive skills to identify and unpack implicit cultural understandings of a human-technology interaction <ul style="list-style-type: none"> ● Understand the foundations the Computer Supported Cooperative Work - theory and practice ● Identify and develop research questions focused on advancing the state of the art in Human-Centred Computing ● An understanding of the impact of technology and design related solutions in an economic, societal and environmental context 	<ul style="list-style-type: none"> ● Ability to adapt existing models, techniques, etc. for efficiently solving problems. ● Understanding and ability to use advanced computing and design techniques and tools. ● Develop technical solutions to interactional problems <ul style="list-style-type: none"> ● Design technical solutions from a user-centred design perspective ● Identify and develop research questions focused on advancing the state of the art in Human-Centred Computing ● An understanding of the impact of technology and design related solutions in an economic, societal and environmental context <ul style="list-style-type: none"> ● Collect and analyze data from individual interviews, focus groups, video-based fieldwork ● Analyze and interpret qualitative research findings to generate recommendations for applied systems design

Eligibility:

1. UG or PG Engineering degrees in CSE/ECE/Design/Architecture/Social Science or other related disciplines (4 year duration course)
2. B.Des/M.Des
3. MBBS/MD/M.Ph.
4. MCA
5. M.Sc/M.A. degree in design or computing-related disciplines

Exceptions may be given to the above list and new degrees may be considered by the Departmental Research Committee (DRC) of the department.

General Requirements: Similar to other Ph.D. programs at IIT-Delhi.

Course Requirements: The course requirements are the similar as other Ph.D. programs for applicants with 4, 5, or 6 years of education after 12th/Baccalaureate Exam.

To summarize:

1. A person having completed 12+4 years of relevant education will be doing 8 courses.
2. A person having completed 12+5 years of relevant education will be doing 6 courses
3. A person having completed 12+6 years of relevant education will be doing 4 courses

The course requirement and plan will be decided by the DRC of the dept. for every candidate. A candidate may be given exemption (e.g. coming with strong domain knowledge) or may be asked to do more courses to strengthen the background.

The course work will include mandatory courses from Design and will be taken from a bucket defined by the DRC of the dept.

Advisor allocation, Thesis Review, Comprehensive, and Examinations -An admitted student will have full freedom in choosing the Ph.D. advisor, however, by the end of the two semesters of enrollment in the Ph.D. program, the advisor must be finalised. Moreover, if the student has been admitted, either through rolling admissions with a pre-defined advisor or through regular admission round under a predefined project and an advisor, the advisor will be allocated, as mentioned, right at the start of the Ph.D. program.

After an advisor has been finalised and thesis area is identified, a Monitoring committee will be created by the DRC (Departmental Research Committee) of the dept. Similar to other Ph.D. programs in the institute, the Ph.D. student will have to undergo an annual review every year before the Monitoring committee.

Similar to other Ph.D. programs, a student will also have to clear the comprehensive exam as part of Ph.D. graduation requirements. The Monitoring committee of the student, based on the progress, will recommend the comprehensive exam date for the student. A student is expected to have either accepted or at least an under submission work, as a first author, in a reputed venue before the comprehensive is scheduled. The reputed venues for a Ph.D. student will be decided by the Monitoring committee in consultation with the Advisor.

Rest of the graduation requirements, e.g, CGPA, are the same as other Ph.D. programs at IIT-Delhi.

Change from one program to Another – The institute does not currently offers Masters program in the HCD disciplines. Therefore, in scenarios where a student fails his or her comprehensive exam or the Ph.D. thesis is not found suitable, migration to a different program is not possible.

Future guidelines may emerge as the program grows.

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DIRECTORATE OF TRAINING AND TECHNICAL EDUCATION
MUNI MAYA RAM MARG, PITAMPURA, DELHI-110088
SECRETARIAT BRANCH**

F.1(107)/SB/MISC/2018/978-986

Dated: 20/06/2019

To,


1. The Vice-Chancellor, DTU, Bawana Road, Delhi.
2. The Vice-Chancellor, IGDTUW, Kashmiri Gate, Delhi.
3. The Vice-Chancellor, NSUT, Dwarka, Delhi.
4. The Vice-Chancellor, DPSRU, Pushp Vihar, Delhi.
5. The Registrar, Indraprastha Institute of Information Technology of Delhi, Okhla, New Delhi.
6. The Principal, College of Art, Tilak Marg, New Delhi.
7. Director-cum-Principal, Delhi Institute of Tool Engineering (DITE), Wazirpur Industrial Area, Delhi-110052.

Sub: Regarding implementation of 10% reservation for Economically Weaker Sections.

Sir/Madam,

Please find enclosed herewith the copy of letter No. F.DHE.1(119)/Estt/2018-19/2549-76 dated 17.06.2019 received from Administrative Officer, Director of Higher Education, GNCT of Delhi along with copy of O.M. No. F.No. 12-4/2019-U1 dated 17.01.2019 issued by Ministry of Human Resource Development, Department of Higher Education relating to implementation of 10% reservation of Economically Weaker Sections for information and further necessary action in the matter at your end.

Yours faithfully,



(Ashwani Kumar Kansal)
Dy. Director (Sectt. Branch)

F.1(107)/SB/MISC/2018/

Copy to:-

1. PS/PA to Secretary, TTE.
2. PS/PA to Director, TTE.

Dated:


(Ashwani Kumar Kansal)
Dy. Director (Sectt. Branch)



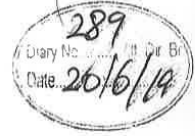
Manger (Acad)

*K/S
Items to be added
to next SOG/bean*

DIRECTOR (TTE)
Diary No. 289
Dated. 20-06-19

Most Urgent

DIRECTORATE OF HIGHER EDUCATION
GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI
5 SHAMNATH MARG, DELHI-110054.



No. F.DHE.1(119)/Estt./2018-19/2549-76

Dated: 17.06.2019

To,

1. Secretary, TTE,
2. Director, TTE,
3. The Vice Chancellor, Guru Gobind Singh Indraprastha University
4. The Vice Chancellor, Dr. B.R. Ambedkar University,
5. The Vice Chancellor, National Law University,
6. The Vice Chancellor, Delhi Technological University.
7. The Vice Chancellor, NSUT
8. The Vice Chancellor, IGDTUW.
9. The Vice Chancellor, DPSRU.
10. Director, IIITD
11. Director, DIRHM
12. Principal, Acharya Narendra Dev College
13. Principal, Aditi Mahavidyalaya
14. Principal, B.R. Ambedkar College
15. Principal, Bhaskaracharya College of Applied Science
16. Principal, Bhagini Nivedita College
17. Principal, Keshav Mahavidyalaya
18. Principal, Maharaja Agrasen College
19. Principal, Maharshi Valmiki College of Education
20. Principal, Shaheed Rajguru College of Applied Sciences for Women
21. Principal, Shaheed Sukhdev College of Business Studies
22. Principal, Deen Dayal Upadhyaya College
23. Principal, Indira Gandhi Institute of Physical Edn. & Sports Sciences

DW-TTE
DD (TTE)

Subject: Implementation of 10% reservation for Economically Weaker Sections

Sir/Madam,

I am hereby directed to inform that the scheme for reservation for Economically Weaker Sections (EWSs) for admission to various Courses of the University/College shall be made applicable from the academic session 2019-2020 in terms of OM No. F. No. 12-4/2019-U1 dated 17.01.2019 (copy enclosed) issued by the Ministry of Human Resource Development, Department of Higher Education in this

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...spect to give effect to the provisions of the Constitution (One Hundred and Third Amendment) Act, 2019 for all higher educational institutions funded/aided, directly or indirectly, by the Government of NCT of Delhi.

2. Every Institution shall increase the number of seats over and above its annual permitted strength in each branch of study or faculty so that the number of seats available, excluding those reserved for the persons belonging to the EWSs, is not less than the number of such seats available, in each category, for the academic session immediately preceding the date of coming into force of OM No. F. No. 12-4/2019-U1 dated 17.01.2019.

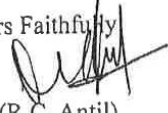
3. If for reasons of financial, physical or academic limitations or in order to maintain the standards of education, the annual permitted strength in any branch of study or faculty of such institution cannot be increased as above during the academic session 2019-20, the institution is permitted to increase the annual permitted strength over a maximum period of two years beginning with the academic session 2019-20, and then, the extent of reservation for the Economically Weaker Sections shall be limited for that academic session in such manner that the number of seats made available to the Economically Weaker Sections for each academic session shall not reduce the number and the percentage of reservation provided for SC/ST/OBC categories.

4. The scheme for implementing the reservation for the EWS shall be displayed on the website of the institution.

5. It is further requested to furnish the seat matrix, programme wise, alongwith possible financial requirements to DHE/DTTE, as the case may be.


This issues with the approval of competent authority.

Yours Faithfully


(R.C. Antil)
Admn. Officer

Copy to:-

1. Addl. Secretary to Hon'ble Chief Minister
2. Secretary to Hon'ble Dy. CM
3. PA to Secretary, Higher Education
4. PA to Director, Higher Education
5. Guard File


(R.C. Antil)
Admn. Officer

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सत्यमेव जयते

F No: 12-4/2019-U1
Government of India
Ministry of Human Resource Development
Department of Higher Education

Shastri Bhawan, New Delhi
Dated: 17th January, 2019

OFFICE MEMORANDUM

Subject: Reservation for Economically Weaker Sections (EWSs) for admission in Central Educational Institutions.

In accordance with the provisions of the Constitution (One Hundred and Third Amendment) Act 2019, and the reference of Ministry of Social Justice and Empowerment vide OM No. 20013/01/2018-BC-II dated 17th January 2019, enabling provision of reservation for the Economically Weaker Sections (EWSs) who are not covered under the existing scheme of reservations for the Scheduled Castes, the Scheduled Tribes and the Socially and Educationally Backward Classes, it has been decided to provide reservation in admission to educational institutions subject to a maximum of ten per cent of the total seats in each category. This would not apply to the minority educational institutions referred to in clause (1) of Article 30 of the Constitution of India.

2. The provision of reservations to the Economically Weaker Sections shall be in accordance with the directions contained in the OM No. 20013/01/2018-BC-II dated 17th January 2019 of the Ministry of Social Justice & Empowerment and shall be subject to the following:

- a) The reservations shall be provided to EWSs for admission in Central Educational Institutions, (as defined in clause (d) of section (2) of The Central Educational Institutions (Reservation in Admission) Act, 2006) from the academic year 2019-20 onwards.
- b) The above reservation would not be applicable to the 8 institutions of excellence, research institutions, institutions of national & strategic importance as specified in the Schedule to The Central Educational Institutions (Reservation in Admission) Act, 2006, as amended from time to time, and appended to this OM, and to the minority educational institutions referred to in clause (1) of article 30 of the Constitution.
- c) Every Central Educational Institution shall, with the prior approval of the appropriate authority (as defined in clause (c) of section 2 of The Central Educational Institutions (Reservation in Admission) Act, 2006), increase the number of seats over and above its annual permitted strength in each branch of

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study or faculty so that the number of seats available, excluding those reserved for the persons belonging to the EWSs, is not less than the number of such seats available, in each category, for the academic session immediately preceding the date of the coming into force of this O.M.

- d) Where, on a representation by any Central Educational Institution, the appropriate authority is satisfied that for reasons of financial, physical or academic limitations or in order to maintain the standards of education, the annual permitted strength in any branch of study or faculty of such institution cannot be increased for the academic session following the commencement of this Act, it may permit such institution to increase the annual permitted strength over a maximum period of two years beginning with the academic session following the commencement of this Act; and then, the extent of reservation for the Economically Weaker Sections shall be limited for that academic session in such manner that the number of seats made available to the Economically Weaker Sections for each academic session shall not reduce the number and the percentage of reservations provided for SC/ST/OBC categories.
- e) The scheme for implementing the reservation for the EWS shall be displayed on the website of the institution as soon as possible, but no later than 31st March 2019.

3. The Chairman UGC, Chairman AICTE and Chairperson NCTE and the Bureau Heads of the Department of Higher Education in the Ministry of Human Resource Development responsible for management of the Institutions of National Importance are requested to ensure immediate compliance of this OM.

4. This issues with the approval of the Minister for Human Resource Development.

Encl: As above


(Smita Srivastava)
Director

1. Chairman UGC
2. Chairman AICTE
3. Chairperson NCTE
4. All Bureau Heads of Department of Higher Education

Copy to:

Chief Secretaries of all State Governments/UTs: with a request to give effect to the provisions of the Constitution (One Hundred and Third Amendment) Act, 2019 for all higher educational institutions funded/aided, directly or indirectly, by the State Government in such manner that the provision for reservation for EWS would become operational from the academic year 2019-20.

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Appendix

SCHEDULE

(The Central Educational Institutions (Reservation In Admission) Act, 2006)

S.No.	Names of the Institutions of Excellence, etc.
1.	Homi Bhabha National Institute, Mumbai and its constituent units, namely:- (I) Bhabha Atomic Research Centre, Trombay; (II) Indira Gandhi Centre for Atomic Research, Kalpakkam; (III) Raja Ramanna Centre for Advanced Technology, Indore; (IV) Institute for Plasma Research, Gandhinagar; (V) Variable Energy Cyclotron Centre, Kolkata; (VI) Saha Institute of Nuclear Physics, Kolkata; (VII) Institute of Physics, Bhubaneswar; (VIII) Institute of Mathematical Sciences, Chennai; (IX) Harish-Chandra Research Institute, Allahabad; (X) Tata Memorial Centre, Mumbai.
2.	Tata Institute of Fundamental Research, Mumbai.
3.	North-Eastern Indira Gandhi Regional Institute of Health and Medical Science, Shillong.
4.	National Brain Research Centre, Manesar, Gurgaon.
5.	Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore.
6.	Physical Research Laboratory, Ahmedabad.
7.	Space Physics Laboratory, Thiruvananthapuram.
8.	Indian Institute of Remote Sensing, Dehradun.


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