

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	

Annexure II

Current M.Tech program structure

	IS	MC	DE	AI	CSP	VLSI	CB
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)							