

Agenda for 21st meeting of the Academic Affairs Committee (AAC) to be held on 9th September 2022 (Friday) from 2.30-4.30 PM in the Senate Room, 7th Floor, R&D Building.

Item 1.	To confirm the minutes of the 20th AAC meeting held on 25 th July 2022.
Item 2.	<p>Reporting Items:</p> <p>Following items were discussed and approved over email.</p> <ol style="list-style-type: none">1. Revised list of courses to be considered for the Mobile Computing specialization of the M.Tech. Program. Updated list<ul style="list-style-type: none">● Mobile Computing (CSE535)● Wireless Networks (CSE538)● Distributed Systems (CSE 530)● Cloud Computing (CSE XXX)● Network Security (CSE550)● Programmable Networking (CSE 567)● Networks and Systems Security II (CSE 354/554)● Network Anonymity and Privacy (CSE749)● Advanced Topics in Mobile Computing (CSE734)Old list<ol style="list-style-type: none">1 Distributed Systems Security (CSE530)2 Mobile Computing (CSE535)3 Embedded Systems (CSE537)4 Ad Hoc Wireless Networks (CSE538)5 Cellular Data Networks (CSE539)6 Network Security (CSE550)7 Introduction to Spatial Computing (CSE555)8 Smart Sensing for Internet of Things (CSE576)9 Programming Cloud Services for Mobile Applications (CSE635)10 Mobile and Cellular Network Security (CSE647)11 Advanced Topics in Mobile Computing (CSE734)12 Network Anonymity and Privacy (CSE749)2. The Department of CSE recommended adding the following two courses in the Data Engineering bucket for the Data Engineering specialization of the M.Tech. program.<ul style="list-style-type: none">● Cloud Computing CSE569● Information Integration and Application CSE6563. In B.Tech. CSAI regulations, from Semester 5 onwards, students are required to do 4 AI Application electives. Below mentioned electives for this slot are mentioned in the regulations:<ul style="list-style-type: none">- Computer Vision- Natural Language Processing

- Information Retrieval
- Robotics
- Multi-agent Systems
- Collaborative Filtering/Recommender Systems
- Speech Recognition and Understanding
- Semantic Web/Knowledge Graphs
- Additional Applications Related Courses

The Department of CSE recommended including the following additional courses in the “AI Application courses” list for the [B. Tech. CSAI program](#) (See App. I, part C).

- [ECE351 - Digital Signal Processing](#) (DSP)
 - [CSE 340 - Digital Image Processing](#) (DIP)
 - [CSE333 - Computer Graphics](#)
 - [CSE572 - Speech and Audio Processing](#) (will be offered in Winter)
4. Monsoon 2022 semester is scheduled from 29th August 2022 and the 1st semester classes of B.Tech. 2022 batch will tentatively commence from November 2022 onwards. These two semesters will have an overlap of 1 month. Some students want to clear their backlogs of 1st semester along with their regular semester courses of Monsoon 2022 semester. Students are asking if they can register courses even if there is any clash with backlog and current semester courses. The AAC members deliberated on the matter and agreed to the following:

The students will register the backlog courses of 1st semester B.Tech. along with their regular courses for Monsoon 2022 checking the clashing with the first semester time table. The credits will be inclusive of both backlog and regular semester credits. No clashing in regular courses will be allowed.

5. In the 20th AAC Meeting, Item number 7 related to the Dean's Award - Communication was discussed and AAC members concluded as mentioned below:

AAC discussed the proposal in brief and desired that the specific criteria and the number of students to be selected by the committee under each category for Dean's list-Communication needs to be provided for further consideration by the AAC.

We received an [updated document](#) from the Associate Dean of Communication and Alumni Affairs (ADoCA). It was shared with AAC members over email for further consideration. Since we didn't receive any comments, it was considered as approved.

6. Cross listing of [Philosophy of Technology](#) course.

Dr. Rakesh Chaturvedi requested for cross listing this course at 500 level to enable PhD students to take it. It was shared with AAC members over email. Since we didn't receive any comments on it, it was considered as approved.

7. Below mentioned new courses were shared with AAC members over email and we didn't receive any comments over email, so these courses are approved.

- [ECE565, Tomographic Imaging](#) (Computerized Tomography) by Dr. Prabhat Munshi
- [CSE569, Cloud Computing](#) by Dr. Dhruv
- [ECE525, Quantum Mechanics](#) by Dr. Sayak Bhattacharya
- [ECE667, Introduction to AI in Medical Imaging](#)
- [BIO5xx, Computational Metagenomics](#) by Dr. Tarini Ghosh
- [DES524 : Ergonomics/Human factors for Design \(EFD\)](#) by Dr. Dhurjati Majumdar
- [MTH5xx: Non-Classical Logics](#) (2 credit course) by Dr. Sankha Basu

8. Semester Extension of a 2014 batch student Aniket Kadiyan :

Aniket is B.Tech. 2014 batch student and has spent 16 semesters at the Institute. In the Monsoon 2021 semester, he was given an academic warning that if he does not complete his graduation requirements by the end of Winter 2022 semester then his program will be terminated.

*He is still left with 13 credits to complete his graduation requirements. He also has to complete two core courses OS (offered this semester) and ADA (Next semester) within these 13 credits. **The matter was discussed over email and AAC members suggested that he can be given a conditional extension for one semester. Further extension will be granted only if he clears all courses this semester.***

9. **The Department of CSE recently reviewed all CS core courses and suggested minor revisions for below courses.** These course descriptions were floated over email and since no comments were received, these were considered as approved.

- [CSE222: Algorithm Design & Analysis](#)
- [CSE201: Advanced Programming](#)
- [CSE202: Fundamentals of database management systems](#)
- [CSE232: Computer Networks](#)
- [CSE112: Computer Organization](#)
- [CSE102: Data Structures & Algorithms](#)
- [CSE231: Operating Systems](#)
- [CSE101: Introduction of Programming](#)

Item 3. **Ms. Yelizaveta Sharonova, an ICCR scholar from Kazakhstan, had been selected for admission into the PhD (SSH) program at IIITD.**

Dr. Praveen Priyadarshi, her thesis guide, informed that she has already completed her PhD program in the same discipline from the Delhi University. Also, she did not mention her PhD details in the application form, however, she uploaded some PhD documents on the ICCR portal at the time of applying to IIITD. Here are her documents:

- [Application form of ICCR](#)
- [PhD documents from DU](#)

- [PhD documents from Kazakhstan](#)

The AAC may decide upon the continuation of the PhD program of Ms. Yelizaveta at IIITD.

Item 4.

We are adding a new International Admission Mode from this year, i.e., “**Study in India**”. Applicants will apply through the Study in India portal and will be shortlisted (as per our eligibility criteria). The final shortlisting will be done based on the interviews as conducted in the IIITD International Admission Mode. As per the suggestion of DoAA, we need to decide on the broad Interview Panel to conduct these interviews. The AAC is requested to deliberate on this matter.

Item 5.

Request for Fee Waiver from a PhD student

Jasmine Kaur has requested for full/partial fee waiver on the following grounds :

I am working in a government organization (ICMR) wherein the salary, as well as perks (such as medical insurance, life insurance etc), are much less or absent in comparison to industry standards.

- *I will be getting NO FINANCIAL SUPPORT from ICMR for my Ph.D. I will have to support my fees in the salary that I get.*
- *I have to pay income tax on the salary, which does not apply to students on fellowship.*
- *Students on institute fellowship get additional benefits, including laptop allowance, travel grants, stationary, etc, which I am not entitled to.*
- *There are also additional travel costs associated with traveling between my office and college.*
- *I am trying my best to manage my studies and the office work. I have completed 6 courses and 1 IP with a CGPA of 9.54 (SGPA1-9.33, SGPA2- 9.71)*
- *Working in ICMR within the Division of Biomedical Informatics gives me access to enormous National Level datasets which I am utilizing for my PhD work.*
- *I have also ensured smooth progress in my research work which we will be submitting to Lancet Infectious Diseases within this month.*

Request for Fee Waiver from a PhD student, Gurpreet Singh

Gurpreet Singh, is a sponsored student of PhD(ECE) under Dr. Sanant. He is presently employed in Government job working in ISRO-URSC, Bengaluru. He was doing Ph.D. from University of Delhi (had completed coursework in 2006) and took up the job due to family requirements.

- *He wish to stress on the fact that sponsorship by his organization is limited and he has got the NOC for Sponsored Ph.D. under category ‘Sponsored PhD without financial assistance’.*
- *He has requested for regulating the fee as per equally premium institutes like IIT where tuition fee during coursework is of the range 50000 per year for sponsored candidates and very-very nominal fee is charged post course-work. He has attached herewith a fee receipt of my ISRO colleague, where nominal fee of Rs 300 is being charged by IIT-Kanpur post coursework.*

	<ul style="list-style-type: none"> ● <i>Post coursework, he will be working remotely and technical discussions will be with assigned professor only and will not be dependent on institute infrastructure.</i> <p><i>On the above grounds, he is submitting a request for fee concession</i></p> <p><i>His salary slip is attached below. His gross salary of July 2022 is Rs. 1.98,000 and net salary is 1,34,000</i></p> <p>The AAC is requested to deliberate on this.</p>
Item 6.	<p>Can a PhD student contact anyone in the list of proposed examiners for a postdoc position?</p> <p><i>There is a PhD student, whose PhD thesis is currently under review. He has contacted one of his PhD thesis examiners for a postdoc position. The examiner informed us that his postdoc application is under process and asked us to assign a new examiner if it comes under conflict of interest as per our rules. Please note that in the invitation letter sent to the PhD thesis examiners, we specifically state the following:</i></p> <p><i>“You are also requested to immediately inform us if there is any Conflict of interest with this student whose thesis is under evaluation. Thesis evaluation process being confidential, you are requested not to correspond/interact with the candidate or his supervisor.”</i></p> <p>AAC is requested to deliberate further on this matter.</p>
Item 7.	<p>As per our current regulations, the proposed list of PhD thesis examiners need not include experts from outside India. Should it be mandatory to have some examiners from outside India in the proposed list of PhD thesis examiners?</p>
Item 8.	<p>Abhijeet Mishra, a PhD candidate (Roll No: PHD19502) in Department of HCD under Dr. Aman Parnami and Dr. Jainendra Shukla has requested for 8 credits of coursework exemption on the below points :</p> <p><i>I would like to share my request as per PhD guideline related to coursework credits. PhD guideline states that if a student is having professional experience in related areas and/or if a student has done similar or supported their PhD related field of coursework, then some of the course requirements may be waived. I have also attached an image of that point below as a reference which is mentioned in the PhD regulations.</i></p> <p>b. In special cases, for students with advance standing by virtue of their academic preparedness and/or by virtue of their professional work experience, some of the course requirements may be waived. All such waivers shall be decided upon by the PG Committee and reported to the Senate.</p>

I would like to share that from past 6+ years in IIITD I am working as a Research Engineer and have supported multiple types (and multiple times) of Full (4 credits) courses in IIIT-Delhi which are as follows (WARDI, AELD, CTD, PIS, DHCS, IE and some others). In total, I have now 6+ years of professional experience in IIITD in supporting course and research work of IIIT-Delhi. Apart from this, I have additional 2 years of industrial experience in working in reputed organisations such as (IISc Bangalore, and IIT-Bombay supported company LogicLadder working in an area of IoT) prior to IIIT-D.

I want to request the committee to take my professional, industrial, and academic experience into consideration (i.e., supporting HCI, Electronics related courses, students research works, and prior experience). And solely on the basis of this (i.e., my professional and academic background), I am requesting a committee to please consider my request to waive off my 8 credits of course requirements (24 credits of course work is completed).

This is recommended by his advisor and co-advisor. The AAC is requested to deliberate on this matter.

Item 9. Special consideration for outstanding achievements in sports - Jahanvi Bakshi

Jahanvi Bakshi is a B.Tech. student and is a national level player representing India. As per Women's Golf Association of India, she is ranked number 3 in India. AAC members deliberated and suggested that the institute should support her as per her tournament schedule and she should be provided with extra TA's. There will be no relaxation in CGPA requirements. It was also suggested that some part of [this policy](#) can be adopted.

The AAC is requested to further deliberate on this.

Item 10. Teaching Fellow Recruitment:

Why are we no longer able to attract good TFs at the starting salary of INR 45K? Is there a need to revise the salary? What should be the ideal salary?

Dr. Vivek said that the last revision as being pointed out happened around 5 years back. Further, the starting salary given is 45k which is very low for the type of candidates and work profile we look for. This salary doesn't come with any additional benefits (as it is a limited period contract). It is increasingly becoming difficult to attract good candidates with the above remuneration. Moreover, it has been observed that most of the TFs leave after a few months or even days of work for better opportunities. It would be great if it can be discussed and appropriate revision made.

Inputs from other departments:

CB department informed that they do not have any TF in their department.

Maths Deptt: I wish to note that in Mathematics, since the early days of the Department, we have had TFs (in fact, even before my joining the department!). Our TFs are important and greatly help in running courses that have large enrollment — 150 to 200 students per section or around 400 students per course. Currently we have two TFs, as allowed by policy, and each TF is allocated two courses in each semester. Usually they have been allocated to Linear Algebra and Math III in the Monsoon semester, and Math II: Probability and Statistics and Math IV: ODEs/PDEs in the Winter semester. With an increase in the number of undergraduate students, we are now also having around 400 students for Discrete Mathematics + Discrete Structures which is owned by the Mathematics Department and will likely continue to be owned by us in future. These courses run in the Monsoon semester.

ECE Deptt: I have already shared my inputs with DOAA a few days back. . Sharing it again. I think the salary should be revised (current salary is Rs 45k per month). It is difficult to attract good TFs with this salary. Further the last revision happened around 5 years back and it is high time it is revised again.

The AAC is requested to deliberate further on this matter.

Item 11. **To reconsider guidelines for various Awards.**

a. **Teaching Excellence Awards**

The Dean of Academic Affairs initiated discussion and apprised the members of the background. After detailed deliberations the AAC recommended that a Faculty with at least 30 feedback will be eligible to apply for Teaching Excellence Award . The interested faculty needs to submit an application towards his/her participation for the above award through a Google form which will cover the following points:

- The form will capture details like course feedback score, course rigor, type of assignments and quizzes, course completion, teaching methodology, type of exam, etc.
- Student feedback will be taken as per present practice.
- A committee will look into all the applications and based on some predefined rubrics, the awardee(s) will be finalized.

b. **Outstanding Educator Awards**

- To rename the award as Best Mentor Award/ Outstanding Mentor Award.
- Since this award does not depend on a particular course and hence the award will be given only if the voting % from the entire graduating batch would be 50% or above. In case, if the voting percentage is low, then the award will not be announced for that particular year.

- Some minimum percentage criteria will be finalized and the faculty will be considered for the award only if he/ she receives more votes than the defined criteria.

Queries:

1. What should be the percentage criteria?
2. How many maximum such awards can be given?
3. Are there any fixed number of awards per department/per year?
4. Eligibility of Visiting/Guest faculty for this award
5. Will these awards continue having monetary benefits as earlier?

c. TA Awards

- To ask students specifically about TA performances. Would you like to nominate any TA for the Best TA award and write the name. Each student can nominate at most 3 TAs for this purpose.
- Faculty will recommend the TAs while awarding TA grades.
- Student feedback may or may not be used along with the course instructor's recommendation. This will be decided by the committee who is accessing the nominations.
- There will be no cap on the number of TA awardees for at least one cycle.
- Per 50 students, 1 TA award can be given in a course.

Query:

1. What if in a course with 200 students, a faculty nominates 6 TAs. How will be decide the top 4
2. If the course has 99 students, will it be eligible for 2 TAs or 1 TA?

d. DOAA Award

- Review of eligibility of graduating batch students for this award. As per the Senate decision, the graduating batch students are not eligible for this award.
- Can any student of the graduating batch who is on semester extension be given the Dean's Academic Excellence Award, if (s)he fulfills the criteria? If yes, will (s)he be considered based on his one-semester result?
- If a student is on semester leave, will (s)he be eligible for the awards in that particular year?
- The DoAA may have the right to update/modify the eligibility criteria for this award. At present, the DoAA cannot modify the eligibility criteria for these awards.
- Students who received a jump of 2 points in their CGPA (earlier having low CGPA and had improved their performance over time) had also received the DoAA awards in the past.

Item 12. Discussion on Contingency rules for PhD students: The current guidelines that are followed are from 2014, and desperately need a revision. It is proposed to allow PhD students to use this grant for attending workshops, summer schools, etc. and for attending conferences without oral presentation.

Item 13.	<p>There are students who are taking audit courses and are failing them, especially TAship-related courses. The AAC is requested to deliberate on this.</p>
Item 14.	<p>Points related to formative assessments of the course</p> <ul style="list-style-type: none"> ● <i>Making Mid Sem & End Sem Exams mandatory</i> ● <i>Mandatory %age for proctored exams (Mid-sem and End-sem)</i> ● <i>Mechanisms to ensure the following:</i> <ul style="list-style-type: none"> ○ <i>To show the sum total of marks before the end-sem exam</i> ○ <i>Instructors show the exam copies to students before moderation meeting</i> ○ <i>Grades are submitted by the moderation meeting.</i> ○ <i>%age of A+ grades and criteria</i> ○ <i>No quizzes are conducted at least 3-4 days before mid-sem/end-sem exams.</i>
Item 15.	<p>To formalize the process of Research Assistantship for B.Tech. & M.Tech. students.</p>
Item 16.	<p>To review IIITD Course Description format.</p> <p><i>The current course description document has information that keeps on changing and not being a part of the approval.</i></p> <p><i>It is also suggested to specify Lecture, Tutorial, and Lab components in the course template.</i></p> <p><i>Also, it is proposed that the current taxonomy be updated with the revised "Bloom's taxonomy" (Given below) from "Computing Curricula 2020" which has more actions/verbs which will allow more flexibility to design the Cos. Annexure II</i></p>
Item 17.	<p>To deliberate on Course Outcomes of Self Growth & Community Work.</p> <p>This matter was discussed in 19th AAC and it was suggested the Academic Department should take help from the SSH department to draft the Course Outcomes.</p> <p>Here is the draft of the Course Outcomes prepared by the Department of SSH for discussion in AAC.</p>
Item 18.	<p>To finalize post conditions of ESC205, Environmental Science.</p> <p><i>CSE department has proposed the revised CO's of the EVS course for consideration of AAC:</i></p> <ul style="list-style-type: none"> ● <i>Explain the importance of the environment.</i> ● <i>Describe the importance of natural resource management</i> ● <i>Be able to critic the sustainable development practices.</i> ● <i>Ability to analyze and incorporate the essence of environment implications in their day today decision making</i>
Item 19.	<p>1) Overload/underload:</p>

There are multiple requests from third and fourth-year students for overload even though their CGPA is below 8. Overload is critical for some students with low CGPA to complete their graduations. For some students, overload is a good option to complete their graduation requirements in 7 semesters so that they can opt for an internship in the last semester.

Should we relax overload regulations and allow students to take overload at most twice in BTech and once in MTech?

Current regulations:

5.8 Academic Load

In general, students will take courses as per the program. Normal load for the first and second year students is 16-20 credits and for the third and fourth year students is 16-22 credits.

When a student registers for more credits than the stipulated normal load, it is called the overload. First year students cannot take any overload. Second year students having a CGPA of more than 8.0 can take an overload of up to 2 additional credits over 20 credits. Third and fourth year students having a CGPA of more than 8.0 can take an overload of up to 2 additional credits over 22 credits.

When the student registers for less than 16 credits in a semester, it is called the underload. A student may be allowed, with permission of the DOAA an underload of a maximum of 4 credits below 16 credits.

Students under academic warning may not be permitted any overload. Such students may be advised by DOAA to take an underload.

2) General email/SMS to parents at the beginning of the semester/academic year: There are few parents who mentioned that they are not aware of the academic events (semester start date, exam dates, results announcements). Ideally, such notifications should be displayed on the institute websites. Other option is to send email/SMS to parents about the academic calendar at the beginning of the semester/academic year.

Item 20. **Any other items with the permission of the Chairperson.**
