Agenda for the 39th meeting of the Academic Affairs Committee (AAC) to be held on Friday, May 10th at 2:30 PM in the Senate Room

1. **To confirm the minutes of the 38th AAC meeting held on 19th April 2024.**

2. **Reporting Items**

The new courses below have been added for the Summer 2024 semester and have been shared with AAC members via email. Some suggestions have been made and is still in discussion

- Dr. Jyoti Sharma will offer a new course, **"2Credits"** UG/PG course: **"ENT303A - Experiential Learning** - Creating for the Real Economy, in Summer Term 2024". The course description is attached herewith for your reference.

3. **Proposed Changes to Opine Feedback Form**

In the 36th AAC meeting, the discussion was open for the Opine feedback form. However, the discussion was inconclusive and did not reach a resolution. Dr. Gayatri Nair shared the proposed changes to the opine feedback form. Here is the proposal.

The above matter is put up to AAC for consideration and appropriate decision/recommendation.

4. **Revisiting the Rule of Course Registration Cap of 150**

AAC, in its 25th meeting, recommended having a registration limit of 150 in the elective course, which was also approved in the 57th Senate held on February 17, 2023.

For implementation, each semester, the instructors were asked whether to keep an upper cap of 150 before pre-registration starts. It is observed that due to various operational reasons, the implementation is getting difficult. The registration cap was being removed for many courses. A detailed summary is presented in the below table.

The AAC is requested to deliberate whether to continue this practice.

Semester	Course name	Initially capped (Yes/No)	Initial Registration	Removed Cap (Yes/No)	Final Registration

Monsoon 2023	Machine Learning	Yes	469	No	379
Monsoon 2023	Digital Image Processing	Yes	296	No	150
Monsoon 2023	Artificial Intelligence	Yes	268	No	220
Monsoon 2023	Neuroscience of Decision Making	Yes	20	No	135
Monsoon 2023	Foundations of Computer Security	Yes	117	No	93
Monsoon 2023	Urban Space and Political Power	Yes	89	No	81
Monsoon 2023	Cognition of Motor Movement	Yes	91	Yes	134
Monsoon 2023	Foundations of Finance	Yes	77	Yes	130
Monsoon 2023	Technology and the Future of Work	Yes	76	Yes	57
Monsoon 2023	Gender and Media	Yes	65	Yes	92
Monsoon 2023	Microeconomics	Yes	54	Yes	90
Monsoon 2023	Advances in Deep Learning	Yes	3	Yes	16
Monsoon 2023	Social Entrepreneurship	Yes	35	Yes	42
Monsoon 2023	User Experience Design of XR	Yes	33	Yes	18
Monsoon 2023	Comprehensive Gender Sensitization	Yes	30	Yes	49
Monsoon 2023	Modern Algorithm Design	Yes	23	Yes	13
Monsoon 2023	Advanced Ethnographic and Qualitative Research Methods	Yes	16	Yes	31

Winter 2024	Convex Optimization	YES	233	NO	217
Winter 2024	Mobile Computing	YES	253	No	234
Winter 2024	Natural Language Processing	YES	293	No	232
Winter 2024	Interactive System	YES	96	No	38
Winter 2024	Attention and Perception	YES	169	No	136
Winter 2024	Learning and Memory	YES	183	No	153
Winter 2024	Deep Learning	YES	124	YES	96
Winter 2024	Tangible User Interfaces	YES	15	Yes	10
Winter 2024	Introduction to Mathematical Logic	YES	29	Yes	17
Winter 2024	Urban Space and Gender	YES	14	Yes	4
Winter 2024	Build Basic Generative Adversarial Networks (GANs)	YES	141	NO	116
Winter 2024	Machine Learning Engineering for Production (MLOps) Specialization	YES	126	NO	122
Winter 2024	Affective Computing	YES	45	NO	31
Winter 2024	Machine Learning and Reinforcement Learning in Finance Specialization	YES	122	NO	122

	The above matter is put up to AAC for consideration and appropriate decision/recommendation.
5.	**<u>Modify Refresher Courses for the MTech(CSE) Program</u>** **Current:** ● Data Structure (8 lectures) [RFM201z–Data Structures and Algorithms] ● System Programming (8 lectures) [RFM202z–Advanced Programming] **Proposed:** ● Data Structure in C (8 lectures) ● Programming: System Programming (4 lectures) + Python (4 lectures) ● Mathematics: Linear Algebra, Probability and Stats (8 lectures) *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
6.	**<u>Modify Course Requirements for the MTech(CSE) Program</u>** **1. Current policy for core courses:** One course each from the Theory, Systems, and Software buckets. **Proposed policy for core courses:** These 3 courses -- Graduate Algorithms, Graduate Systems (to be proposed), ML, out of which at least 2 should be taken in the first semester. **2. Current policy for specialization of MC, DE, and IS:** 16 credits from specialization buckets. **Proposed policy for specialization of MC, DE, and IS:** 12 credits from specialization buckets. **Current policy for other credits:** Any course, including IP, IS, or thesis, capstone, scholarly paper. **Proposed policy for other credits:** Any course, including IP, IS, Online courses, or thesis, capstone, scholarly paper with the following restrictions: * At most 8 credits of regular courses without CSE course code. * At most 8 credits of IP, IS courses. * At most 4 credits of Online course in the summer, 3rd semester or later (online course policy is as per department guidelines).

	The above matter is put up to AAC for consideration and appropriate decision/recommendation.
7.	**<u>Allow Internship for Credit for the MTech(CSE) Program</u>** ● Optional in the fourth semester. ● The internship is worth 8 credits for (S/X) grades in lieu of two IP/IS. *[Note: If someone has consumed their IP/IS credits (either 4 or 8 credits) in any semester, they are not eligible for the internship in the fourth semester.]* ● All internships should be routed hrough the IIITD placement cell who will facilitate both placing the students as well as obtaining an experience certificate/feedback form as specified below. ● If a student wishes to go for an internship, he/she must complete 40 credits at the end of the third semester. ● Research Internships are allowed. Students have to submit the acceptance letter to the placement cell before going for an internship. *Note – Students will be eligible & allowed for Only one kind of internship, either in research or industry. if a student is selected for a research internship, they will not be eligible to participate & obtain another internship in the industry, and vice versa.* ● Internship credits will be counted towards the credit requirements but not in the CGPA computation. ● To receive credits, the students need to submit an experience certificate/Feedback Form (Signed /stamped by the Manager/Supervisor/Mentor in the organization) in the prescribed format that s/he has spent 4-6 months (starting from January) at the company/organization where they are doing that internship; otherwise, an X grade will be awarded. The certificate is supposed to be submitted by the moderation date of the corresponding semester. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
8.	**<u>Allocation of 3xx and 5xx Code to Course and Evaluation Criteria</u>** When the course is being floated, the reasons for dual code should be explicitly highlighted. Furthermore, many 5xx courses do not have any prerequisites. This needs to be strengthened while approving the courses. Evaluation criteria can not be the same for two different codes; hence, some differentiation should be made. Courses with dual code should explicitly mention the evaluation criteria for 3xx and 5xx. Ideally, evaluation criteria for 5xx should involve additional evaluation, such as extra questions in exams, projects with additional components, extra topics, or assignments.

	The above matter is put up to AAC for consideration and appropriate decision/recommendation.
9.	**<u>Discussion on 7xx/8xx-Level Courses</u>** This concern is raised by Dr. Debajyoti, as per the course numbering system (at least for CSE, which I designed), 7xx/8xx courses are meant _strictly_ for PhD students (they are considered super-advanced). Such courses are not under the consideration of outcome-based education, and may often require non-standard evaluation means like paper reading, etc. Many of us experienced such courses during our graduate studies and I think there are pedagogical reasons to allow such courses. I am inclined to believe that the Senate's recommendation was supposed to be for 1xx-6xx courses (taken by BTech & MTech students). Hence, I am requesting that we discuss this agenda once again and revisit the concerns raised that led to the recommendation. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
10.	**<u>Request for Review and Standardization of Prerequisite Policy for DSA Course Enrollment</u>** There are concerns raised by Dr. Ojaswa regarding the inconsistent enforcement of prerequisites for the Data Structures and Algorithms (DSA) course. He emphasizes the need for a more standardized approach to ensure fairness and equal treatment of all students. The issue is exemplified by ongoing requests from students, including Chandra Mohan, seeing exceptions to enroll in DSA without meeting prerequisites. **Challenge:** ● The key issue is that the students know about the pre requisite of the course and even if they have not cleared the prerequisite they approach the course instructor to waive off the prerequisite for them. ● Standard practice is that a student should complete the pre requisites of any course and if he has not done the same then he should not opt for that course. Even if he /she approaches the course instructor it is completely faculty member's choice to permit him or not. **Proposed Solution:** ● Propose a thorough review and standardization of prerequisites for the DSA course to ensure a fair and uniform policy. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*

11.	**<u>Revisiting policy for assigning cross-departmental course code to already approved courses</u>** **<u>(i) Assigning ECE Code to Linear Optimization (LO)</u>** The department has approved assigning an ECE code for Linear Optimisation (LO) ECE 307 and ECE 507. Recommendation of Mathematics Dept. received on 22nd Feb 2024; With regard to the provisioning of an ECE code for the MTH374/MTH574: Linear Optimization course, the faculty members of the Department are of the view that this should not be provided. It is the collective view that Linear Optimization is a math-intensive course and it is best not to give it a non-Math code. However, this is a recommendation and further action and decision may be taken by DoAA and/or the Academic Office based on AAC discussion. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
12.	**<u>To Deliberate on 'Value Added courses' in NAAC Curriculum Enrichment Point</u>** As per NAAC, Value Added Courses are of varying durations that are optional and offered outside the curriculum that add value and help students get placed. Value-added courses are offered by institutions for student empowerment. They enhance the curriculum by amplifying, supplementing, and replacing parts or features that have become ineffective or obsolete. Pls, refer to the last point of page nos. 136 & 141 of NAAC Manual Value-Added Courses Offered by few other NAAC A++ Universities: *Jawaharlal Nehru Technological University, Hyderabad* *Shivaji University, Kolhapur* *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
13.	**<u>Invigilation Guidelines for Mid-Semester and End-Semester Examinations</u>** There are certain difficulties encountered during both the mid-semester and end-semester examinations. Here is the proposal. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*

14.	**<u>Discuss and Finalize Teaching Fellow Eligibility</u>** This has been discussed in the Math FM held on July 7. Here are the minutes. After detailed deliberations, the following eligibility criteria for teaching fellow recruitment were proposed by the Department: **Essential Qualification:** MSc (Math)/MSc (Physics)/MSc (Statistics)/MStat/MPhil (Math)/MTech/ME in CS/ECE/Math and similar interdisciplinary programs. **Desirable qualification:** Recent Ph.D., including those who have submitted their Ph.D. Thesis for evaluation. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
15.	**<u>Request for Fee Waiver</u>** A Sponsored PhD student Smruti Mayi Panda (PhD22206, Batch 2022) under Dr. Debarka Sengupta requested for full tuition fee waiver. She has requested a full tuition fee waiver. Despite receiving a salary of Rs 70,000 monthly from Persistent Systems, she faces financial strain due to additional expenses such as hostel fees (Rs 7,500/month) and personal investments (Rs 80,000 annually in life insurance and Rs 30,000 in PPF). Given these circumstances, she finds it increasingly difficult to afford the annual tuition fee of Rs 1,50,000, especially now that she is responsible for her investments. The salary slip is attached here. *The above matter is put up to AAC for consideration and appropriate decision/recommendation.*
	Any other items with the permission of the Chairperson.