

**M.Tech Term I Project Allocation, Autumn 2023**

SNo.	Final Allocation		
	Roll No	Topic Name	Supervisor
1.	CSE22001	Model-free gait recognition using deep learning	SS
2.	CSE22002	<i>Topic to be decided</i>	RS
3.	CSE22003	Image caption generation / Multi-model sentiment classification	RD
4.	CSE22004	AI-based inverse problem solution in image	LBS
5.	CSE22005	Implementing QoS Routing with P4	DKS
6.	CSE22006	Game Theory approach for network security	NS
7.	CSE22007	Study on performance of classifier on overlapped samples	BN
8.	CSE22008	GNN based recognition for Yoga Pose	SIS
9.	CSE22009	Social Network Analysis based Community Detection	TP
10.	CSE22010	Analysing paralinguistic cues in speech	SN
11.	CSE22011	Detection and classification of plant diseases	RS
12.	CSE22012	Computational Biology	DKB
13.	CSE22015	Resource allocation problem in Frugal 5G Networks and Beyond (IEEE P2061)	SKD
14.	CSE22016	Computational photography	AK
15.	CSI22002	Computer vision and geometry	AK
16.	CSI22003	Programmable Protocol independent packet processors (P4) for SDN based DDoS attack mitigation	DB
17.	CSI22004	<i>Topic to be decided</i>	UPS
18.	CSI22005	Image filtering	SP
19.	CSI22006	Rule based Malware detection using SNORT	SK
20.	CSI22009	Quantum Computing	NM
21.	CSI22011	Optimization in Genetic code table	SSS
22.	CSI22012	Natural language expression matching and paraphrasing	US
23.	CSI22014	Brain Tumor Segmentation and Classification using Deep Learning	JT
24.	CSI22015	Data hiding in digital images	BB

**Note\***

1. The project topic allocations highlighted in yellow are the continued projects from CS545 seminar topics and non-highlighted topics allocations were done based on the preferred choices submitted by the students.
2. For same preferred topic submitted by multiple students, the project topic is allocated to the student who have higher CGPA then his/her other contenders.
3. Students with the exhausted preferred choices due to their choices allocated to other students based on CGPA or supervisor already assigned to a student, such students are allocated to different supervisor.

**Abbreviations:**

1. DKS - Prof. Dilip Kr. Saikia
2. DKB - Prof. Dhurba Kr. Bhattacharyya
3. SS - Prof. Sarat Sahariah
4. US - Prof. Utpal Sharma
5. BB - Prof. Bhogeswar Borah
6. NS - Prof. Nityananda Sarma
7. BN - Prof. Bhabesh Nath
8. SIS - Dr. S. Ibotombi Singh
9. SSS - Dr. Siddhartha S. Satapathy
10. LBS - Mr. L. Basantakumar Singh
11. SKD - Dr. Sanjib Kumar Deka
12. RS - Dr. Rosy Sarmah
13. DB - Dr. Debojit Boro
14. AK - Dr. Arindam Karmakar
15. SN - Dr. Sanghamitra Nath
16. SP - Dr. Swarnajyoti Patra
17. SK - Dr. Shobhanjana Kalita
18. NM - Dr. Nabajyoti Medhi
19. JT - Dr. Jyotismita Talukdar
20. TP - Dr. Tribikram Pradhan
21. UPS - Ms. Upasana Sharma
22. RD - Mrs. Ringki Das