TECHNICAL SEMINAR TOPICS 2019-20

Sl. No.	USN	Name of the student	Seminar Title	Remarks
1	4GM14CS009	ASWINI N H	Smart Sensors: Analysis of different types of IoT Sensors	
2	4GM14CS012	CHETAN BANAKAR	Secure file storage in cloud computing using hybrid cryptography algorithm	
3	4GM14CS024	KIRAN NAIK S	Efficient Embedding and retrieval of information for high-resolution videos coded with HEVC	
4	4GM14CS032	NIKHITHA.N	Stock Market Analysis using Supervised Machine Learning	
5	4GM14CS062	VINAYAK.S.JAKKARADDI	State of the art of the underwater image processing methods	
6	4GM15CS002	AISHWARYA K	Research on human activity identification based on image processing and artificial intelligence	
7	4GM15CS005	AMREEN KHANUM	Internet of Things Mobile-Air Pollution Monitoring System (IoT -Mobair)	
8	4GM15CS012	ASHA K	Granular filter in medical image noise suppression and edge preservation	
9	4GM15CS023	MEGHA B	An IoT Based Smart Solution For Leaf Disease Detection	
10	4GM15CS031	NIVEDITHA S	An IoT Based Smart Agriculture System	
11	4GM16CS001	ADARSH N BIDARI	Natural Language processing: State of Art, Current Trends and Challenges	
12	4GM16CS002	ADITYA A J	Agriculture analysis using data mining and machine learning techniques	
13	4GM16CS004	ANUSHA S	An improved approach for detection of diabetic retinopathy using Feature Importance and Machine Learning algorithms	

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14	4GM16CS005	BHANUPRAKASH S	Accident Alert System For Driver Using Face Recognition	
15	4GM16CS006	BHARATH H M	Voice Recognition Using K Nearest Neighbor And Double Distance Method	
16	4GM16CS007	BINDU K M	Smart-Card Based Dental Clinic Services	
17	4GM16CS008	CHANDANA M V	Smart Notice Board System Using IoT	
18	4GM16CS009	DEEPAK K O	Sentiment analysis and spam detection in short informal text using learning classifier systems	
19	4GM16CS010	DHANANJAY URANAKAR	Bird Detection in Agriculture Environment using Image Processing and Neural Network	
20	4GM16CS011	DHRUVA K G	Encryption and decryption of color images using visual cryptography	
21	4GM16CS012	DIVYA G B	Face recognition based on convolution neural network	
22	4GM16CS013	DIVYA I	Design A Secure Voting System Using Smart Card And Iris Recognition	
23	4GM16CS014	GAURI NIJAGUNA SHIVAYOGI	Machine Learning on Mobile: An On-device Inference App for Skin Cancer Detection	
24	4GM16CS015	LEELAVATHI R	A new technique for distance measurement of between vehicle to vehicles by plate car using image processing	
25	4GM16CS016	LEKHANA M	Cloud Based Automated Irrigation And Plant Leaf Disease Detection System Using An Android Application	
26	4GM16CS017	MADHUSHREE N A	IoT solution for visualizing and prediction of air pollution	
27	4GM16CS018	MAMATA B B	Principal Component Analysis Based Paralytic Attack Detection Using a New Distance Measure	
28	4GM16CS019	MEGHA V	Smart City Bus application	
29	4GM16CS020	NAGARATNA K	Collaborative Approach For a Safe Driving Distance Using Stereoscopic Image Processing	

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30	4GM16CS021	NAGAVENI MANEGARA	Seminar topic: K-Max distance in graphs and images	
31	4GM16CS022	NANDINI R K	IoT based bridge safety monitoring system	
32	4GM16CS023	NANDISH L N	An overview of block chain technology: Architecture, Consensus and future trends	
33	4GM16CS024	NAYANA B N	Authentication of IOT Device and IOT Server Using Secure Vaults	
34	4GM16CS025	NEHA SULAKHE	Autonomous Cloud Robotic System for Smart Agriculture	
35	4GM16CS026	NISHMITHA S S	"Improved OCR based Automatic Vehicle Number Plate Recognition using Features Trained Neural Network"	
36	4GM16CS027	OJUS V TUDAVEKAR	Brain Tumor Detection using Statistical and Machine learning methods	
37	4GM16CS028	OSWAL MEHUL JITENDRA	Application Of Multi resolution Analysis For Automated Detection Of Brain Abnormality Using Mr Images: A Comparative Study	
38	4GM16CS029	P V VARUN	Automation Of Smart Waste Management Using IoT	
39	4GM16CS030	PADMA G S	Automation of Agricultural Tasks with Robotics-Agrobot	
40	4GM16CS032	POOJA G M	water quality monitoring system based on Iot	
41	4GM16CS034	RACHANA H BELGOD	Determination of age and gender by implementing new image processing methods and measurements to dental X-rays image	
42	4GM16CS035	RAGHUNANDAN V P	Agriculture Analysis Using Data Mining And Machine Learning Techniques	
43	4GM16CS036	RANJAN P	An Introduction To Stenography Techniques In The Field Of Digital Image Processing	
44	4GM16CS038	RUKMANI G R	Network Intrusion Detection using Supervised Machine Learning Technique with Feature Selection	
45	4GM16CS039	SACHIN M R	Diabetic Retinopathy Detection by Extracting Area and Number of Micro aneurysm from Colour Fundus Image	

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46	4GM16CS040	SAHANA N M	Image based Plant Disease Detection in Pomegranate Plant for Bacterial Blight	
47	4GM16CS041	SANCHITHA K P	Design of image cipher using block based scrambling and image filtering	
48	4GM16CS042	SANDHYA V M	A key frame extraction method for processing greenhouse vegetables production monitoring video	
49	4GM16CS043	SHARVANI RAVINDRA	Plant disease Classification using Soft Computing Supervised Machine Learning	
50	4GM16CS044	SHASHANK K R	Application of deep transfer learning for automated brain abnormally classification using MR Images	
51	4GM16CS045	SHAZAIB KHAN	IoT: An overview and it's applications.	
52	4GM16CS046	SHREEGANESHA G J	CASA: A Convolution Accelerator using Skip Algorithm for Deep Neural Network	
53	4GM16CS047	SHWETHA MUTTAPPA MUCHUDI	A seed sowing robot with two control variable	
54	4GM16CS049	SNEHA A S	A crowd-assisted architecture for securing BLE beacon-based IoT infrastructure	
55	4GM16CS050	SOUMYASHREE A P	A Cross-layer schema for low latency multiple description video streaming over vehicular Ad-hoc networks (VANETs)	
56	4GM16CS051	SUHAS PANDEY S T	Digital life assistant using Automated speech recognition	
57	4GM16CS052	SUJAY K J	A Deep Learning Method for the detection of Diabetic Retinopathy	
58	4GM16CS054	SUSHMA RAGHAVENDRA DESHPANDE	Crop and weed classification for precision agriculture	
59	4GM16CS055	TANUSHREE R U	Participatory-sensing Efficient Parking Management in Modern Cities	
60	4GM16CS057	THANUSHREE S G	A Review on Machine Learning Classification Techniques for Plant Disease Detection	
61	4GM16CS058	USHA R S	IoT Enabled Solar Power Monitoring System	

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62	4GM16CS059	VANKA SUHARIKA	NR-Bit stream Video Quality metrics for SSIM using encoding decisions in AVC and HEVC coded Videos	
63	4GM16CS060	VARSHITHA C R	IoT based Waste Management: An Application to Smart City	
64	4GM16CS061	VENKATESH J	Investigation and Development of the Intelligent Voice Assistant for the Internet of Things using Machine Learning	
65	4GM16CS062	VINAY B	An IoT Based Plant Health Monitoring System Implementing Image Processing	
66	4GM16CS405	HARSHA M	An assessment of yield gains under climate change due to genetic modification of pearl millet	
67	4GM17CS400	ANIL KUMAR Y M	An IoT based E-parking System for Smart Cities	
68	4GM17CS401	DEEPIKA U SAMBREKAR	Study on the trickling revision history of MS word files for forensic investigation	
69	4GM17CS402	GOURI P R	IOT Based Smart Home Automation On Metering System	
70	4GM17CS403	LATHA N KALAL	Design of cognitive image filters for suppression of noise level in medical images	
71	4GM17CS405	RUMANA N	An Improved Non-Local Means Filter For Color Image De-Noising	
72	4GM17CS406	SAGAR B S	Assimilation Of Remote Sensing Into Crop Growth Models	
73	4GM17CS409	TEJANAGOWDA BAPUGOWDA HIREGOWDRA	IoT Based Smart Parking System	
74	4GM17CS410	YOGENDRAKUMAR NAYAK	Intelligent Sensor Based Monitoring System For Underwater Pollution	