

SL. NO.	REG NO	NAME OF STUDENT	SEMINAR TOPIC	Name of Guide
1	BTE17CS001	Abel Thottathil	AWARE PHOTO CROPPING	Ms.Neethu Maria John
2	BTE17CS002	Amal Don	detection of malicious jpeg images using machine learning	Ms.Jimsha K Mathew
3	CIM17CS012	Jibin Baby	mobile device centric approach for identifying problem spot in network using deep learning	Dr.Vinodh P Vijayan
4	CML17CS011	David Sam	e payment system fraud prevention	Dr.Sabu George
5	CML17CS048	Solja Mariya Sunny	smart shopping cart using radio frequency identification based on IOT	Mr.Jayakrishnan B
6	KVE15CS020	Arun Prasannan	improving NTRU against quantum attacks	Ms.Nimmymol Manuel
7	KVE16CS010	Athul Venketesh	barriers of crowd sourcing	Ms.Nimmymol Manuel
8	KVE17CS017	Snehash Theophine Jose	multiple image steganography	Dr.Sabu George
9	KVE17CS021	Vishakh P S	applying RPA in administrative processes of public administration	Dr.Sabu George
10	MLM15CS025	Ashwin John Joji	comparison factors affecting injury severity of passengers car	Ms.Sreenimol K R
11	MLM16CS003	Abhishek Aravind	Real games	Ms.Jinu P Sainudeen
12	MLM16CS030	Arif Muhammed	sustainable city monitoring using IOT enabled wireless sensors	Ms.Nimmymol Manuel
13	MLM16CS032	ArunKumar P	helmet violation processing using deep learning	Ms.Nimmymol Manuel
14	MLM16CS049	Bintu Sebastian	wearable sensor to diagnose initial disruptions of cardio respiratory system.	Ms.Merlin Mary James
15	MLM17CS001	Aarchamol A V	Real time RGB-D camera pose estimation	Ms.Sreenimol K R
16	MLM17CS003	Adithya Sajikumar	Deepfake combating and VIDEO INTEGRATING USING BLOCK CHAIN	Dr.Vinodh P Vijayan
17	MLM17CS004	Akshaya P	Obstacle detection and avoidance in autonomous cars	Mr.Jayakrishnan B
18	MLM17CS005	Alka Maria Johnson	block chain and crypto currency	Ms.Merlin Mary James
19	MLM17CS006	Anandu B Nair	essential A Target analysis platform to study human needs during covid 19	Mr.Jayakrishnan B
20	MLM17CS007	Anandu Prasad	a new marketing platform	Dr.Vinodh P Vijayan

21	MLM17CS008	Ananthu E R	NFC secure element based mutual authentication	Ms.Neethu Maria John
22	MLM17CS009	Anitt Sunny	smart Cloud system architecture using big data	Ms.Sruthy Emmanuel
23	MLM17CS010	Anjana Pradeep	robot assisted pedestrian regulation	Ms.Merlin Mary James
24	MLM17CS011	Anna Benny	AI interviewing system	Ms.Jimsha K Mathew
25	MLM17CS012	Ann Mary Francis	unsupervised domain adaptation for depth prediction	Ms.Sreenimol K R
26	MLM17CS013	Aravind Aji	fog computing and block chain secured strategy	Dr.Vinodh P Vijayan
27	MLM17CS014	Arjunadas NM	augmented reality	Dr.Sabu George
28	MLM17CS015	Arun K Stanly	deep learning and its applications	Dr.Vinodh P Vijayan
29	MLM17CS016	Arya Somaraj	health care chat board using AI	Ms.Jimsha K Mathew
30	MLM17CS017	Ashik Kishor	mobile development with web components	Ms.Sruthy Emmanuel
31	MLM17CS018	Asirvad Abraham	big data and emergency management	Ms.Jinu P Sainudeen
32	MLM17CS019	Aswathy M N	IOT based secure smart home systems	Ms.Sruthy Emmanuel
33	MLM17CS020	Aswathy Prasad	social media during natural calamities	Ms.Merlin Mary James
34	MLM17CS021	Brincy Kuriakose	electronic payment system a secure method of mobile payment	Ms.Syamamol T
35	MLM17CS023	Dani K Baby	pre processing step for image enhancement using color channel compensation	Ms.Sruthy Emmanuel
36	MLM17CS024	Devjith Prasad	air pollution monitoring system - Mob air	Ms.Jinu P Sainudeen
37	MLM17CS025	Gopika N	live streaming via satellite	Ms.Merlin Mary James
38	MLM17CS026	Jathin Jayakumar	continous authentication using behavioural biometrics in AI	Mr.Jayakrishnan B
39	MLM17CS027	Jeziina Shahul Hameed	skin for robot with sponge sensor	Ms.Syamamol T
40	MLM17CS028	Jincy Mariyamma Shaji	static analysis tools for cryptography	Ms.Syamamol T
41	MLM17CS029	Jithin Ganesh	security tested for internet of things	Ms.Neethu Maria John
42	MLM17CS030	Jithu Suresh	multimedia intelligence	Ms.Neethu Maria John
43	MLM17CS031	Job Shibu	deep learning for human activity recognition	Ms.Jinu P Sainudeen
44	MLM17CS033	Joseph Thomas	data security in IOT based toys	Ms.Jinu P Sainudeen
45	MLM17CS036	Karen Sherry Chandy	Taiji Net a sepastrable binary network	Ms.Sreenimol K R
46	MLM17CS037	Kavya Jayakumar	ride hailing service demand prediction	Ms.Sreenimol K R
47	MLM17CS038	Kavyamol James	secure data TRADING PLATFORM	Ms.Syamamol T
48	MLM17CS043	Migesh K M	BULLYING ALERTER USING MACHINE LERANING	Ms.Jimsha K Mathew

	MLM17CS039	KRIPA RACHEL THOMA	Automatic Lung Cancer Identification based on MIP images with CT scan by CNNs	Ms.Simy Mary Kurian
50	MLM17CS040	MELVIN K MATHEW	Activity Recognition with skeletal movement using Deep Learning	Ms.Kavitha Nair
51	MLM17CS042	MIDHUN PRASAD	5G V2X-vehicle-to-everything	Ms.Gayatri R Krishna
52	MLM17CS041	MIDHUNA NAVEEN	Vision Based Fall Detection System Using Convolution Neural Network	Sujith M
53	MLM17CS044	MINZA THAZNI	development of machine learning in the real world system	Ms.Gayatri R Krishna
54	MLM17CS045	MOTTY SABU	image enhancement using color channel compensation	Tinu Thomas
55	MLM17CS047	NEETHUMOL K J	Precisive Irrigation System for saline soils	Sujith M
56	MLM17CS049	NITHIN THOMAS	Underwater Communication through Stress Wave	Chris Chettissery
57	MLM17CS050	POORNA SUDHAKARAN	A Novel approach for Credit Card Fraud identification model based on deep learning using FCL	Ms.Simy Mary Kurian
58	MLM17CS051	PREETHI PRESANNAN N	Green Computing - a new wave in computation	Ms.Neema George
59	MLM17CS052	PRITTY MARY MATHEW	Recognition of fetal brain in ultrasound images	Sujith M
60	MLM17CS053	RAKHI R NAIR	SWBC meets IoT: Sliding Window Block Chain Architecture	Divya S B
61	MLM17CS054	ROHAN JUSTIN	Decentralizing the Stock Exchange using Blockchain	Chris Chettissery
62	MLM17CS055	ROSHAN JO	AUTOMATED DRIVING STRATEGY USING REINFORCEMENT LEARNING APPROACH	Ms.Kavitha Nair
63	MLM17CS056	ROSHAN M THOMAS	Blockchain service for IIoT applications	Tinu Thomas
64	MLM17CS057	SAJANA SAJI	CloudDLP: A data sanitization technology for cloud storage	Ms.Neema George
65	MLM17CS058	SHALDRIN EMERSON	Active Learning Approach for Agricultural Land Detection	Ms.Simy Mary Kurian
66	MLM17CS059	SHERIN JOSEPH	Email Spam Classification using NLP	Sujith M
67	MLM17CS060	SHIHANAMOL B	Low Latency Secure Communication with pattern cipher Block	Tinu Thomas
68	MLM17CS061	SHILPA K MOHANAN	Ways to support universities to predict applicants' academic performance using data mining techniques	Neena Joseph

69	MLM17CS064	SREEDEVI DEVARAJ	Integration of Blockchain with IoT in e-Healthcare System	Dr. Ranju S Kartha
70	MLM17CS065	SREELEKSHMI K U	Enhancement of images taken in underwater, hazy night-time and other murky conditions	Ms.Sneha Mathew
71	MLM17CS066	SREELEKSHMI S	iot:smart sensing and automating agriculture	Ms.Neema George
72	MLM17CS067	SURYA BABU	IoT based secure and efficient health care monitoring system	Neena Joseph
73	MLM17CS068	SURYA R	Lung and Pancreatic Tumor Characterization	Ms.Kavitha Nair
74	MLM17CS069	SUSANNA SAJAN	Attacking of contactless smartcards using NFC equipped mobile phone	Ms.Gayatri R Krishna
75	MLM17CS071	T S SHABANAM	Edge - Cloud Computing & AI in Internet of Medicines	Ms.Neema George
76	MLM17CS070	TINTU SAMSON	Convergence of edge computing and deep learning for distributed smart surveillance.	Tinu Thomas
77	MLM17CS073	VARUN GOPINATH	Image Dehazing using Air Light Estimation	Divya S B
78	MLM17CS076	VISHNU VINOD	Mobile Payment System using NFC for Android Platforms	Chris Chettissery
79	MLM17CS077	VIVEK MK	Secure Validation Transaction protocol for IoT networks based on Blockchain Technology	Dr. Ranju S Kartha
80	MLM17CS078	ZACHARIA ALEXANDEI	Recommendation system	Neena Joseph
81	LMLM17CS079	ABHIJITH S	Electric Vehicle Charging in Smart Cities Using Blockchain Based Trading	Ms.Sneha Mathew
82	CML17CS013	GAIUS B SAMUEL	Hyperlink analysis for discovery of secure website	Ms.Kavitha Nair
83	CML17CS015	GISHWIN JACOB GEORGE	A safer approach in the new age of DeFi	Chris Chettissery
84	BTE17CS005	BEN SHAJI	Automated Testing of Android Apps using SLR Tools	Vishnu S sekhar
85	BTE17CS006	GRACE ABRAHAM	CNN based automated system for fire detection in uncertain surveillance scenarios	Vishnu S sekhar
86	BTE17CS012	SOJA SAM	Integration of Artificial intelligence in visual multimedia	Ms.Sneha Mathew
87	MLM16CS062	JERIN JOSE PHILIP	Image prediction in electromagnetic simulations us machine learning	Neena Joseph
88	BTE17CS008	LAKSHMIPRIYA MB	Facial Recognition by extraction of facial expression and semantic neighbourhood	Divya S B

	BTE17CS014	VIDYA E S	Resolving the Vulnerabilities in IOT using advanced computational intelligence techniques	Vishnu S sekhar
90	MLM16CS082	MEHARBAN	Fatigue detection during drawing using ML and RF	Divya S B
91	MLM16CS095	RENO RAJAN	Blockchain for supplychain management	Dr. Ranju S Kartha
92	BTE15CS028	SARAN M S	multiscale dynamic graph convolutional neural network for point cloud classification	Ms.Gayatri R Krishna
93	MLM16CS115	T T SAMJEEVAN	Deep learning for hiding images within images	Ms.Sneha Mathew
94	MLM16CS091	RAHUL R	END-END AI INTERVIEWING SYSTEM USING AVI	Ms.Simy Mary Kurian

Seminar Coordinator

Ms Simy Mary Kurian



HoD



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1.3.2 DETAILS OF STUDENT SEMINARS/PROJECT

ACADEMIC YEAR/SEM : 2020-21/ODD

BATCH : A

SEMESTER : S7

SL NO	REG NO	NAME OF STUDENT	SEMINAR/PROJECT	TOPIC	Name of Guide
1	MLM17CE002	ABIN PHILIP	SEMINAR	Impact of floods and engineering remedies in hilly terrains of kerala	Nithin V L
2	MLM17CE004	ADITHYA ABHAYALAL	SEMINAR	pitting corrosion in steel	Ann Mary Jose
3	MLM17CE005	AFEEF MUHAMMED	SEMINAR	Underwater Windmill	Eliza Edison
4	MLM17CE006	AISWARYA MP	SEMINAR	Autoclaved aerated concrete blocks	Sankar Bose
5	MLM17CE007	AJAY MON SURENDRAN	SEMINAR	Industrial Automation	Parvathy Lal
6	MLM17CE009	AJITH CHERIAN JACOB	SEMINAR	Chilled beam	Dr. R Radhakrshnan
7	MLM17CE010	AJITH THOMAS	SEMINAR	Diagrid structures	Dr. Asha P Tom
8	MLM17CE011	AJMAL NAZEER	SEMINAR	Noise absorbing using agro waste products	Sipli Abraham
9	MLM17CE012	AKSHARA ANAND	SEMINAR	seismic Friction Dampers	Reni Kuruvilla
10	MLM17CE013	AKSHAY SANKAR	SEMINAR	Applications of Nanotechnology in Construction	Aswathy Soman
11	MLM17CE014	ALFY ASHRAF	SEMINAR	Runway rubber deposit and its removal	Salini Theres N Kurian
12	MLM17CE015	ALVIN JOSE JAMES	SEMINAR	Eurasian Tunnel	Nissy Susan Mani
13	MLM17CE016	AMRUTA MURALI	SEMINAR	u boot voided slab technology	Vilbin Varghese
14	MLM17CE017	AMRUTHA RAJ	SEMINAR	Ground improvement using vacuum preloading together with PVDs	Aditya Viswambharan
15	MLM17CE018	AMRUTHA T S	SEMINAR	Glued laminated timber	Gokul P V
16	MLM17CE019	ANI ROY	SEMINAR	Artificial intelligence in ce	Sharon Treassa Biju
17	MLM17CE020	ANJALY ANILKUMAR	SEMINAR	Self stabilizing track	Linu joy
18	MLM17CE022	ANTO THOMAS	SEMINAR	Balanced cantilever bridge	Sreerench Raghavu
19	MLM17CE024	ANUJA P S	SEMINAR	Manufacturing Compressed Earth Bricks using plastic stabilized soil	Christymol Zachariah
20	MLM17CE026	APARNA K JAYAPRAKASH	SEMINAR	Sponge city	Anitta Aloysious
21	MLM17CE028	ARJUN PRASAD	SEMINAR	Study of surface and ground water treatment using biocoagulants	Athulya Tom
22	MLM17CE029	ARYA MOHANAN	SEMINAR	Utilising DIC Technique for visualizing the failure mode of concrete specimen	Anjana Baby
23	MLM17CE030	ASHITHA BAHULEYAN	SEMINAR	incineration	Nithin V L
24	MLM17CE031	ASIF A R	SEMINAR	Base Isolation	Ann Mary Jose

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25	MLM17CE032	ASLAM JABBAR	SEMINAR	kinetic road ramp	Eliza Edison
26	MLM17CE033	ASSIYA NOUFAL	SEMINAR	Contour crafting	Sankar Bose
27	MLM17CE034	ASWATHY K M	SEMINAR	Performance based Seismic design of Cyclone Shelter	Parvathy Lal
28	MLM17CE035	ASWINI JAYAKUMAR	SEMINAR	Use of orange peel powder and neem leaf powder as an alternative coagulant	Dr. R Radhkrshnan
29	MLM17CE036	ASWIN JAYAN	SEMINAR	Antimicrobial concrete for smart and durable infrastructure	Dr. Asha P Tom
30	MLM17CE038	ATHIDHANWAN P N	SEMINAR	Unmanned aerial system survey	Sipli Abraham
31	MLM17CE039	ATHIJATHAN P N	SEMINAR	Blast resistant building	Reni Kuruvilla
32	MLM17CE040	AVANI V	SEMINAR	Behaviour of concrete-filled steel stub columns under axial compression	Aswathy Soman
33	MLM17CE041	BETSY SARA BASIL	SEMINAR	water resource application of GIS	Salini Theres N Kurian
34	MLM17CE042	Brinda P Asok	SEMINAR	Earthquake resistant structures	Nissy Susan Mani
35	MLM17CE043	B S GAYATHRI	SEMINAR	Leakage detection of deteriorated underground sewer pipes using aerial thermal imaging	Vilbin Varghese
36	MLM17CE045	CITTA THEREAS MATHEW	SEMINAR	shipping containers as flexible components for Suitable Bulidings	Aditya Viswambharan
37	MLM17CE046	DINOY P JOSE	SEMINAR	pavement markings	Gokul P V
38	MLM17CE048	FEBIN ANTONY	SEMINAR	monopile foundation	Sharon Treassa Biju
39	MLM17CE049	FRANCIS JOSEPH	SEMINAR	Rectification of building tilt	Linu
40	MLM17CE050	GOPIKA M S	SEMINAR	thermal bridging in buildings	Sreerench Raghavu
41	MLM17CE051	GOVIND SHAJI	SEMINAR	Tuned Mass Damper	Christymol Zachariah
42	KVE17CE003	ANAKHA MOUSHAVI	SEMINAR	Utilizing drone technology in the civil engineering	Anitta Aloysious
43	LMLM17CE104	KIRAN K U	SEMINAR	Artificial Ground Freezing	Athulya Tom
44	BTE17CE001	AADARSH C VINOD	SEMINAR	green buildings	Anjana Baby
45	BTE17CE006	ALEN JOSE	SEMINAR	Outrigger and belt truss in high rise building	Nithin V L
46	BTE17CE003	SACHIN SIJO	SEMINAR	tunnel technology	Dr. R Radhkrshnan
47	BTE17CE004	ABEL BIJU	SEMINAR	Photovoltaic Glaze	Dr. Asha P Tom
48	KVE17CE002	AMAL PRASAD	SEMINAR	Infrared thermography for detecting defect in concrete structures	Sipli Abraham
49	GWE17CE001	AGAJA G	SEMINAR	Iron ore tailings as replacement for fine aggregates in concrete	Reni Kuruvilla
50	GWE17CE002	AGNESHIA IGNECIIOUS	SEMINAR	Implementation of Magnetized Water in Concrete	Aswathy Soman
51	GWE17CE003	AKASH KB	SEMINAR	Cyclone resistant building construction	Salini Theres N Kurian
52	LGWE17CE035	ANOOP ANTONY	SEMINAR	Trenchless technology	Nissy Susan Mani
53	GWE17CE008	ARAVIND J CHANDRAN	SEMINAR	open caisson : underwater construction technique and placement	Vilbin Varghese
54	GWE17CE010	ARUNIMA VM	SEMINAR	Perpetual Pavement	Aditya Viswambharan

55	GWE17CE014	K S KARTHIK	SEMINAR	artificial intelligence in civil engineering	Gokul P V
56	GWE17CE015	MEGHA. M. NAIR	SEMINAR	Application of lasers in highway engineering	Sharon Treassa Biju
57	GWE17CE016	MARY DIVYA. CJ	SEMINAR	application of particle image velocimetry to investigate pile soil interaction behaviour	Linu Joy
58	GWE17CE021	RAHANA MURUKESH	SEMINAR	New austrian tunnelling method	Sreerench Raghavu
59	GWE17CE023	RESHMA RAMACHANDRAN	SEMINAR	Natural fibers in concrete	Gokul P V
60	GWE17CE028	SENCHEMUN.S	SEMINAR	anti washout admixture for concreting underwater	Sharon Treassa Biju
61	GWE17CE034	VIVITHA VIJAYAN	SEMINAR	Soil stabilization using nano silica and nano chemicals	Linu Joy
62	MLM17CE002	ABIN PHILIP	PROJECT	Integrated solid waste management	
63	MLM17CE004	AMRUTHA T S	PROJECT		
64	MLM17CE005	K S KARTHIK	PROJECT		
65	MLM17CE006	ANAKHA MOUSHAVI	PROJECT		
66	MLM17CE007	AJITH THOMAS	PROJECT	Rubber industry waste water analysis and study of feasibility of renewable energy production	Dr. Asha P Tom
67	MLM17CE009	AKSHARA ANAND	PROJECT		
68	MLM17CE010	ASSIYA NOUFAL	PROJECT		
69	MLM17CE011	AADARSH C VINOD	PROJECT		
70	MLM17CE012	AJMAL NAZEER	PROJECT	effect of marine clay on foundry sand as an alternate material for subgrade	Dr Senthil Kumar
71	MLM17CE013	APARNA K JAYAPRAKASH	PROJECT		
72	MLM17CE014	RAHANA MURUKESH	PROJECT		
73	MLM17CE015	ALEN JOSE	PROJECT		
74	MLM17CE016	AKSHAY SANKAR	PROJECT	SEISMIC ANALYSIS OF MULTISTOREY BUILDING WITH FLOATING COLUMNS.	Reni Kuruvilla
75	MLM17CE017	ASWATHY K M	PROJECT		
76	MLM17CE018	ATHIJATHAN P N	PROJECT		
77	MLM17CE019	VIVITHA VIJAYAN	PROJECT		
78	MLM17CE020	ALFY ASHRAF	PROJECT	IMPROVEMENT OF STRENGTH OF SOIL IN KUTTANAD BY BEVERAGE CAN AND LIME	Aswathy Soman
79	MLM17CE022	ANI ROY	PROJECT		
80	MLM17CE024	KIRAN K U	PROJECT		
81	MLM17CE026	AKASH KB	PROJECT		
82	MLM17CE028	ALVIN JOSE JAMES	PROJECT	MICROSIMULATION MODELLING IN VISSIM FOR LONG-TERM IMPROVEMENTS IN KURUPPANTHARA JUNCTION	Arun Issac Varghese
83	MLM17CE029	BRINDA P ASOK	PROJECT		
84	MLM17CE030	AMAL PRASAD	PROJECT		
85	MLM17CE031	RESHMA RAMACHANDRAN	PROJECT		
86	MLM17CE032	AMRUTA MURALI	PROJECT	WASTE WATER TREATMENT BY NATURAL COAGULANTS	Vilbin Varghese
87	MLM17CE033	ATHIDHANWAN P N	PROJECT		
88	MLM17CE034	ANTO THOMAS	PROJECT		
89	MLM17CE035	MEGHA. M. NAIR	PROJECT		
90	MLM17CE036	AMRUTHA, RAJ	PROJECT	EXPERIMENTAL INVESTIGATION ON PARTIAL REPLACEMENT OF CEMENT WITH WASTE GLASS POWDER	Aditya Viswambharan
91	MLM17CE038	AJITH CHERIAN JACOB	PROJECT		
92	MLM17CE039	ABEL BIJU	PROJECT		
93	MLM17CE040	MARY DIVYA. CJ	PROJECT		
94	MLM17CE041	ANILKUMAR	PROJECT		

95	MLM17CE042	AJAY MON SURENDRAN	PROJECT	Study on the applicability of using Phosphogypsum in soil stabilization	Linu Joy
96	MLM17CE043	ASWINI JAYAKUMAR	PROJECT		
97	MLM17CE045	SENCHUMON.S	PROJECT		
98	MLM17CE046	ANUJA P S	PROJECT	AN EXPERIMENTAL STUDY ON THE UTILIZATION OF MARBLE POWDER IN MANUFACTURING OF CONCRETE BLOCKS	Vaishnav V K
99	MLM17CE048	ARUNIMA VM	PROJECT		
100	MLM17CE049	SACHIN SIJO	PROJECT		
101	MLM17CE050	ASIF A R	PROJECT		
102	MLM17CE051	ARYA MOHANAN	PROJECT	Performance evaluation and improvements to pala civil station junction	Sreerench Raghavu
103	KVE17CE003	ADITHYA ABHAYALAL	PROJECT		
104	LMLM17CE104	DINOY P JOSE	PROJECT		
105	BTE17CE001	AGAJA G	PROJECT		
106	BTE17CE006	ASHITHA BAHULEYAN	PROJECT	EVALUATION OF WATER QUALITY PARAMETERS AND SPATIAL MAPPING OF MEENACHIL RIVER USING ARCGIS	Anjana Baby
107	BTE17CE003	AISWARYA MP	PROJECT		
108	BTE17CE004	FRANCIS JOSEPH	PROJECT		
109	KVE17CE002	ANOOP ANTONY	PROJECT		
110	GWE17CE001	ASLAM JABBAR	PROJECT	REVIEW ON THE EFFECT OF RICE HUSK ASH IN Bitumen	Smruthy P Nair
111	GWE17CE002	ASWIN JAYAN	PROJECT		
112	GWE17CE003	GOPIKA M S	PROJECT		
113	LGWE17CE035	CITTA THEREAS MATHEW	PROJECT		
114	GWE17CE008	FEBIN ANTONY	PROJECT	"DESIN,MODELLING AND ESTIMATION OF POLYTECHNIC BUILDING IN MANGALAM CAMPUS"	Ann Mary Jose
115	GWE17CE010	AJAI P A	PROJECT		
116	GWE17CE014	AVANI V	PROJECT		
117	GWE17CE015	AGNESHIA IGNECIOUS	PROJECT		
118	GWE17CE016	B S GAYATHRI	PROJECT	Environmental Noise Pollution Assessment and Mapping of Kottayam Town.	Sankar Bose
119	GWE17CE021	AFEEF MUHAMMED	PROJECT		
120	GWE17CE023	BETSY SARA BASIL	PROJECT		
121	GWE17CE028	ARAVIND J CHANDRAN	PROJECT		
122	GWE17CE034	ARJUN PRASAD	PROJECT	Numerical Analysis of Thin Plates Using Finite Element Software	Gokul P V
123	GWE17CE040	SREEJITH S	PROJECT		
124	GWE17CE046	GOVIND SHAJI	PROJECT		

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1.3.2 DETAILS OF STUDENT SEMINARS/PROJECT

ACADEMIC YEAR/SEM : 2020-21/ODD

BATCH : B

SEMESTER 7

SL NO	REG NO	NAME OF STUDENT	SEMINAR/PROJECT	TOPIC	Name of Guide
1	MLM17CE052	HARIMURALY	SEMINAR	Demolition of building	Dr. R Radhakrishnan
2	MLM17CE054	J ANAND SANKAR	SEMINAR	Basalt based fiber reinforced material and structural applications in civil engineering	Dr. Asha P Tom
3	MLM17CE055	JAYALAKSHMI	SEMINAR	smart self sensing fiber reinforced sheet with woven carbon fiber line for structural health monitoring	Sipli Abraham
4	MLM17CE056	JERIN MATHEW JOSE	SEMINAR	Glulam Timber Bridges	Reni Kuruvilla
5	MLM17CE057	JETCY ELIZABETH	SEMINAR	Modeling the Erosion and Swelling of the Sides of Transverse Cracks in Embankment Dams	Aswathy Soman
6	MLM17CE058	JITHIN SOMARAJAN	SEMINAR	Use of Coconut Shell as Capping For Sand in Rapid Sand Filters	Salini Theres N Kurian
7	MLM17CE059	JITHU ABRAHAM JAMES	SEMINAR	Graphene fabricated nanomaterials for water treatment	Nissy Susan Mani
8	MLM17CE060	KAVYA PRAKASH	SEMINAR	Runway rubber deposition and its removal techniques	Vilbin Varghese
9	MLM17CE061	KELVIN JIMS	SEMINAR	Trombe Wall	Aditya Viswambharan
10	MLM17CE062	K S SELMAN	SEMINAR	SHIPPING CONTAINERS for the construction of housing building	Gokul P V
11	MLM17CE063	LEKSHMIPRIYA ANIL	SEMINAR	Ferrow cement hollow columns and cavity walls under cyclic loading	Sharon Treassa Biju
12	MLM17CE064	LIBIN JOSEPH	SEMINAR	Life cycle assessment of existing building	Linu Joy
13	MLM17CE065	LIKHITH KOROTH	SEMINAR	UTILIZATION OF PLASTIC WASTE IN MANUFACTURING OF PLASTIC SAND BRICKS	Sreerench Raghavu
14	MLM17CE066	MARIYA JOSE	SEMINAR	Reed bed system for waste water treatment	Christymol Zachariah
15	MLM17CE068	MEENU P PRASAD	SEMINAR	Breathe bricks	Anitta Aloysious
16	MLM17CE069	MERRIN JOSE	SEMINAR	Microstructure and structure analysis of polypropylene fibre reinforced reactive powder concrete beams exposed to elevated temperature.	Athulya Tom

17	MLM17CE070	MIDHUN P	SEMINAR	glass fibre reinforced polimer bridge deck	Anjana Baby
18	MLM17CE071	MINNU BIJU	SEMINAR	Remote Sensing Techniques to Assess Water Quality	Nithin V L
19	MLM17CE072	MUKTHAR V BASHERS	SEMINAR	Dynamic architecture	Ann Mary Jose
20	MLM17CE073	NANDHU PRADEEP M	SEMINAR	Utilisation of sheep wool in concrete	Eliza Edison
21	MLM17CE074	NAYANA P P	SEMINAR	Miniaturised structural techniques to enable high through put screening of microorganisms for unpaved road stabilisation	Sankar Bose
22	MLM17CE075	NEENU VIJAYAN	SEMINAR	Permeable pavements in highways for stormwater runoff management and pollution prevention	Parvathy Lal
23	MLM17CE076	NITHYA MOHAN	SEMINAR	Investigating the various sustainable variables of composite ferrocement mortar using residual rock wool fibres	Dr. R Radhakrshnan
24	MLM17CE077	PARVATHY KRISHNA	SEMINAR	Sustainable infrastructure development	Dr. Asha P Tom
25	MLM17CE078	P E MUHAMMED AJAS IBRAHIM	SEMINAR	Straw Bale Construction	Sipli Abraham
26	MLM17CE079	PRAJITHA PRAKASH	SEMINAR	Mass timber - emergence of modern construction material	Reni Kuruvilla
27	MLM17CE080	PRANAV VP	SEMINAR	EARTHBAG HOUSING	Aswathy Soman
28	MLM17CE081	PRASANTH N P	SEMINAR	Sesmic retrofit of infilled RC frames with textile reinforced mortar	Salini Theres N Kurian
29	MLM17CE082	PRIYA VENUGOPAL	SEMINAR	Probabilistic Seismic Resilience-Based Cost-Benefit Analysis for Bridge Retrofit Assessment	Nissy Susan Mani
30	MLM17CE083	REVATHY PARAMESWARAN	SEMINAR	Environmental Impact on Rail Construction	Vilbin Varghese
31	MLM17CE084	ROHINI S	SEMINAR	Adhesion of bituminous crack sealants to aggregates using surface energy theory	Aditya Viswambharan
32	MLM17CE085	ROSHY PHILIP	SEMINAR	Stone mastic asphalt containing steel slag	Gokul P V
33	MLM17CE086	R RAJAT	SEMINAR	nanoclay modified bitumen	Sharon Treassa Biju
34	MLM17CE087	SAIFA NOUFAL	SEMINAR	Effect of Thermal bridges on the heat balance of building	Linu joy

35	MLM17CE088	SARAH MARIAM ABRAHAM	SEMINAR	u boot voided slab technology	Sreerench Raghavu
36	MLM17CE089	SARA MOHAMMED	SEMINAR	Modern methods for seismic retrofitting	Christymol Zachariah
37	MLM17CE091	SHERIN SKARIA	SEMINAR	mycelium composites an emerging green building material	Anitta Aloysious
38	MLM17CE092	SNEHA PUNNOOSE	SEMINAR	cell filled pavements	Athulya Tom
39	MLM17CE093	SOORAJ THOMAS THARIAN	SEMINAR	Intelligent transportation system	Anjana Baby
40	MLM17CE095	SREEHARI S	SEMINAR	Automated highway system (AHS)	Nithin V L
41	MLM17CE096	STANLY JOHN	SEMINAR	Mechanical concrete	Ann Mary Jose
42	MLM17CE097	THERESSA SEBASTIAN	SEMINAR	cogulants used for natural rubber processing wastewater	Eliza Edison
43	MLM17CE098	THOMAS SIBY	SEMINAR	Remediation of heavy metal ions in groundwater using CCDW	Sankar Bose
44	MLM17CE099	TIBIN GEEVARGHESE KURIA	SEMINAR	Solid Waste Management in India Under COVID19 Pandemic: Challenges and Solutions	Parvathy Lal
45	MLM17CE100	TIMOTHY NINAN THOMAS	SEMINAR	AI in Construction	Dr. R Radhakrshnan
46	MLM17CE101	VAISHNAVI A	SEMINAR	Water absorption in concrete by modification with hydrophobic silica particles	Dr. Asha P Tom
47	MLM17CE102	WILFRED JAMES	SEMINAR	Marshal Stability requirements of asphalt concrete mix with ground scrap tyres as aggregate	Sipli Abraham
48	MLM17CE103	YADHUKRISHNAN K M	SEMINAR	Analysis of road accidents	Reni Kuruvilla
49	LMLM17CE105	RAHUL M K	SEMINAR	Retrofit optimization for resilience enhancement of bridges under multi hazard scenario	Aswathy Soman
50	LMLM17CE106	SHUNMU PRASAD	SEMINAR	Prefabricated vertical drains	Salini Theres N Kurian
51	BTE17CE008	ARJUN N V	SEMINAR	COMBINED CONSTRUCTION TECHNOLOGY FOR CROSS-SUBWAY TUNNELS	Nissy Susan Mani
52	BTE17CE018	SHINU S MANNIL	SEMINAR	Off Grid Housing And Technology	Vilbin Varghese
53	BTE17CE020	SWATHY E R PRAKASH MOHAN	SEMINAR	capacity spectrum method in RCC and composite framed structures	Aditya Viswambharan
54	MLM16CE076		SEMINAR	Industrial waste water treatment by membrane systems	Gokul P V

ANJU K S

55	GWE17CE006	FATHIMA M	SEMINAR	Application of shape memory alloys in construction	Sharon Treassa Biju
56	GWE17CE011	KESIYA JOSY V	SEMINAR	Engineered Material Arresting System in aviation safety	Linu
57	GWE17CE013	SANDHYA S	SEMINAR	hemprecrete	Sreerench Raghavu
58	GWE17CE026	SANDRA S	SEMINAR	Utilizing DIC Technique for visualizing the failure modes of concrete specimens	Christymol Zachariah
59	GWE17CE027	SREEDEVI S	SEMINAR	Impact of Intrinsic and volumetric properties on Aggregates and HMA	Anitta Aloysious
60	GWE17CE031	SREELAKSHMI S	SEMINAR	diagrids Structures	Athulya Tom
61	GWE17CE030	SRUTHY K P	SEMINAR	Thoughts & strategies of sponge city construction planning	Anjana Baby
62	GWE17CE033	JAYALAKSHMI	SEMINAR	Effects of Explosions on Structures	Nithin V L
63	MLM17CE052	MINNU BIJU	PROJECT	Aquaculture waste water characterization study and preliminary treatment towards sustainable RAS	Dr. ASHA P TOM/DONA SUNNY
64	MLM17CE054	JITHIN	PROJECT		
65	MLM17CE055	AJAS	PROJECT		
66	MLM17CE056	JEEVA ELIZABETH	PROJECT		
67	MLM17CE057	KAVYA PRAKASH	PROJECT		
68	MLM17CE058	LIBIN	PROJECT		
69	MLM17CE059	KELVIN	PROJECT		
70	MLM17CE060	VAISHNAVI	PROJECT		
71	MLM17CE061	SOORAJ	PROJECT		
72	MLM17CE062	LEKSHMIPRIYA ANIL	PROJECT		
73	MLM17CE063	PRAKASH	PROJECT		
74	MLM17CE064	PARVATHY	PROJECT		
75	MLM17CE065	MARIYA JOSE	PROJECT		
76	MLM17CE066	HARIMURALLY	PROJECT		
77	MLM17CE068	SHINU S	PROJECT		
78	MLM17CE069	MERRIN JOSE	PROJECT		
79	MLM17CE070	ANAND	PROJECT		
80	MLM17CE071	SREEHARI	PROJECT		
81	MLM17CE072	SAIFA NOUFAL	PROJECT		
82	MLM17CE073	MUKTHAR V BASHEER	PROJECT		
83	MLM17CE074	RAJAT	PROJECT		
84	MLM17CE075	SREEDEVI	PROJECT		
85	MLM17CE076	SREELEKSHMI	PROJECT		
86	MLM17CE077		PROJECT		
				Replacement of coarse aggregate with plastic fibers in concrete	MERIN ELIZABETH
				Replacement of coarse aggregate with plastic fibers in concrete	SMRUTHY P NAIR
				Replacement of coarse aggregate with plastic fibers in concrete	VILBIN VARGHESE

87	MLM17CE078	KESIYA JOSY V	PROJECT
88	MLM17CE079	NAYANA	PROJECT
89	MLM17CE080	JERIN	PROJECT
90	MLM17CE081	LIKHITH	PROJECT
91	MLM17CE082	TIMOTHY NINAN THOMAS	PROJECT
92	MLM17CE083	NEENU	PROJECT
93	MLM17CE084	SWATHY E R	PROJECT
94	MLM17CE085	ARJUN	PROJECT
95	MLM17CE086	PRAJITHA	PROJECT
96	MLM17CE087	SANDHYA	PROJECT
97	MLM17CE088	PRANAV VP	PROJECT
98	MLM17CE089	THOMAS	PROJECT
99	MLM17CE091	SRUTHY	PROJECT
100	MLM17CE092	WILFRED	PROJECT
101	MLM17CE093	REVATHY	PROJECT
102	MLM17CE095	PRIYA VENUGOPAL	PROJECT
103	MLM17CE096	ROHINI	PROJECT
104	MLM17CE097	YADHU	PROJECT
105	MLM17CE098	SARA	PROJECT
106	MLM17CE099	SARAH	PROJECT
107	MLM17CE100	K S SELMAN	PROJECT
108	MLM17CE101	NITHYA	PROJECT
109	MLM17CE102	SHUNMU	PROJECT
110	MLM17CE103	ANJU K S	PROJECT
111	LMLM17CE105	PRASANTH	PROJECT
112	LMLM17CE106	MIDHUN P	PROJECT
113	BTE17CE008	SANDRA S	PROJECT
114	BTE17CE018	FATHIMA	PROJECT
115	BTE17CE020	SNEHA	PROJECT
116	MLM16CE076	NANDU	PROJECT
117	GWE17CE006	JITHU	PROJECT
118	GWE17CE011	MEENU P	PROJECT
119	GWE17CE013	THERESSA	PROJECT
120	GWE17CE026	RAHUL	PROJECT
121	GWE17CE027	STANLY	PROJECT
122	GWE17CE031	ROSHY	PROJECT
123	GWE17CE030	TIBIN	PROJECT
124	GWE17CE033	SHERIN	PROJECT

Identification of blackspots on NH 183 using GIS (Kottayam to Kanjirappally)	ADITHYA VISWAMBHARAN
Identification of blackspots on NH 183 using GIS (Kottayam to Kanjirappally)	VAISHNAV V K
Stability Analysis of Different soilfills on embankement subgrade using plaxis 2D	ANJANA BABY
Structural analysis of irregular buildingn with grid slab using ETABS	SANKAR BOSE
Structural analysis of irregular buildingn with grid slab using ETABS	SREERENCH RAGHAVU
impact of heavy vehicles on highway traffic flows	SALINI THERES N KURIAN
Eluicidation of traffic congestion atEttumanoor intersection	GOKUL P V
Eluicidation of traffic congestion atEttumanoor intersection	LINU JOY
Design optimization of X bracing using Sap 2000	SIPLI ABRAHAM
Study on the effect of marine clay stabilized with banana fibers	RENI KURUVILLA



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MANGALAM COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

1.3.2 DETAILS OF STUDENT SEMINAR

ACADEMIC YEAR/SEM :2020-21

BATCH : 2017-21

SEMESTER : S7

SL NO	REG NO	NAME OF STUDENT	TYPE OF PROJECT	TOPIC	Name of Guide
1	MLM17EC010	ANNUVA ELIZABETH	SEMINAR	Internet of Things (IoT)-Based Smart Agriculture:Toward Making the Fields Talk	Mr.AJIT JOSEPH
2	MLM17EC006	ALBY ELIZABETH KURIA	SEMINAR	Automated Irrigation System Using a Wireless Sensor Network and GPRS module	
3	MLM17EC037	ROLINA FELIX	SEMINAR	Industrial Internet of Things: Challenges, Opportunities, and Directions	
4	MLM17EC005	AKSHAY SAJEEVAN	SEMINAR	ArduTalk: An Arduino Network Application Development Platform Based on IoTtalk	Ms.NEETHAN ELIZABETH ABRAHAM
5	MLM17EC019	GOPIKA VIJAYAKUMAR	SEMINAR	Smart solution for reducing the COVID-19 risk using smart city technology	
6	MLM17EC025	MANU R K	SEMINAR	A Headset Like Wearable Device to Track COVID-19 Symptoms	
7	MLM17EC042	SHALU ABRAHAM	SEMINAR	CCN-based Vehicular Communications	
8	MLM17EC009	ANJANA BABU	SEMINAR	Pedestrian Detection in Severe Weather Conditions	Ms.APARNA JOSE
9	MLM17EC014	ATHIRA ANILKUMAR	SEMINAR	A Patient-Centric Health Information Exchange Framework Using Blockchain Technology	
10	MLM17EC041	SESEL THOMAS	SEMINAR	An Internet of Things Based Smart Waste Management System Using LoRa and Tensorflow Deep Learning Model	
11	MLM17EC044	SHILPA N SASI	SEMINAR	A Cascaded Multimodal Natural User Interface to Reduce Driver Distraction	
13	MLM17EC011	ANSON JOSEPH	SEMINAR	Modern Automotive Embedded Systems with special mention to radars	Mr.AKHIL KUMAR S
14	MLM17EC012	ARUN N R	SEMINAR	IoT based Biometric Attendance System	

15	MLM17EC013	ASIYA M DILEEP	SEMINAR	IoT-Assisted ECG Monitoring Framework With Secure Data Transmission for Health Care Applications	Ms.JYOTHISREE K.R
16	MLM17EC022	JEZZLIN JOY	SEMINAR	SINR Performance Analysis of 3-D Underwater Optical Wireless Communication Networks	
17	MLM17EC028	NIDHIN NIBY	SEMINAR	Simultaneous Super-Resolution And Segmentation For Remote Sensing Images	
18	MLM17EC029	NIKIL BENNY VARGHES	SEMINAR	Gender Identification Using 3D Touch Sensor	
19	MLM17EC001	ABHAY SAJEEVAN	SEMINAR	Quantum Computer Architecture Toward Full-Stack Quantum Accelerators	Ms.RESMA CHANDRAN V.P
21	MLM17EC031	PARVATHY VISWANATH	SEMINAR	Design and Analysis of IoT-Based intelligent robot for real-time monitoring and control	
22	MLM17EC033	RESHMA ROY	SEMINAR	OLED-OPD Matrix for sensing on a Single Flexible Substrate	
23	MLM17EC002	AKHIL ABRAHAM MON	SEMINAR	LiFi for Industrial Wireless Applications	Mr.RENEESH C ZACHARIA
24	MLM17EC021	JEFFIN JOSEPH IDICULA	SEMINAR	Indoor Parking Navigation System Using Visible LED Light Communication	
25	MLM17EC035	RIYAZ NAZAR	SEMINAR	Research on ZigBee wireless communication technology and its application	
26	CIM17EC003	AFSAL C M	SEMINAR	Comparison of an off-Grid Solar Power Plant based Renewable Energy Production	Ms.MEEVA PA
28	MLM17EC015	ATHUL SEKHAR	SEMINAR	Application Research of Computer Vision Technology in Automation	
29	CML17EC006	NEETHU M R	SEMINAR	Connected Component Analysis for Traffic Sign Recognition Embedded Processing Systems	
30	CML17EC008	REEBA BIJU	SEMINAR	Internet of Things-based Hydrocarbon Sensing for Real-time Environmental Monitoring	Mr.RAKESH S
31	MLM17EC016	ELVI GEORGE	SEMINAR	Interactive Screen For Educational Purpose in Robotics	
32	MLM17EC023	LAKSHMI RAJEEV	SEMINAR	Resonant Microelectromechanical Receiver	
33	MLM17EC036	ROHINI SREEKUMAR	SEMINAR	Designing Prepaid Smart Energy Meter and Deployment in a Network	

35	MLM17EC024	LINJU SKARIA	SEMINAR	Autonomous Railway Traffic Object Detection Using Feature-Enhanced Single Shot Detector	Mr SIMI P THOMAS
36	MLM17EC038	SARIN THOMAS	SEMINAR	Development of Programmable Relay Switch Using Microcontroller	
37	MLM17EC043	SHERIN CHANDY	SEMINAR	Design and Implementation of Portable Smart Wireless Pedestrian Crossing Control System	
38	LMLM17EC045	MEBIN SEBASTIAN	SEMINAR	6G: Connecting Everything by 1000 Times Price Reduction	Ms.JYOTHIS KURIAN
39	MLM17EC027	MOHAMMED ROSHAN	SEMINAR	Systematic Survey on Smart Home Safety and Security Systems Using the Arduino Platform	
40	MLM17EC032	RAGHUL VJAYAKUMAR	SEMINAR	Performance Evaluation of Multi-UAV System in Post-Disaster Application: Validated by HITL Simulator	
41	BTE15EC005	FEBY JOBIS	SEMINAR	A Geriatric Care System Using Electronically Controlled Air Jacket	Ms.JIBI K KURIAN
42	BTE15EC010	NANDU SURESH	SEMINAR	IOT based Electrical Device Surveillance and Control System	
43	CML17EC001	AJAY S	SEMINAR	Real-Time Static and Dynamic Gesture Recognition Using Mixed Space Features for 3D Virtual World's Interactions	
44	CML17EC002	ANJALI ASHOKAN	SEMINAR	Design and development of tiny RTOS for embedded system	
	CML17EC003	ANJU ASHOKAN		IoT Based Industrial plant safety gas leakage detection system	
	CML17EC004	BIBIN BABU GEORGE		The Analysis of Instrument Landing System Signal Quality Based on QAR Data	

DEPARTMENT HEAD
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MANGALAM COLLEGE OF ENGINEERING

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

1.3.2 DETAILS OF STUDENT SEMINARS/PROJECT

ACADEMIC YEAR/SEM : 2020-2021

BATCH : A

SEMESTER : Seven

SL NO	REG NO	NAME OF STUDENT	SEMINAR/ PROJECT	TOPIC	Name of Guide
1	MLM17EE001	ABDUL SALAM	Seminar	Selection of Motor for an Electric Vehicles	Shoma Mani
2	MLM17EE012	BIJIN THOMAS	Seminar	A Modular Multi-Level Converter for Energy	Shoma Mani
3	MLM17EE013	CHRISTY ELIZABETH JOLLY	Seminar	MEDBED	Shoma Mani
4	MLM17EE021	JESWIN GEORGE	Seminar	Flywheel Based Ultra Fast On-Route Charging	Shoma Mani
5	MLM17EE002	ABIN THOMAS	Seminar	Study of TANDEM Solar Cell	Dr. T D Subash
6	MLM17EE027	NIMMI CHERIAN C V	Seminar	Study of Perovskite/Silicon Tandem Solar Cell	Dr. T D Subash
7	MLM17EE028	REEPA JAMES	Seminar	Current Progress and Future Perspective for C	Dr. T D Subash
8	MLM17EE032	SHERFIN SHERIEEF	Seminar	Study of Perovskite Solar Cells	Dr. T D Subash
9	MLM17EE003	ACHARY ANANDU SAJI	Seminar	Smart Aquarium based IoT	Jeneesh Scaria
10	CML17EE002	ANANDHU SUNIL	Seminar	IoT based Water Quality Monitoring System	Jeneesh Scaria
11	MLM17EE011	ATHIRA V SAJI	Seminar	Braille Band: Blind Support Haptic Wearable	Jeneesh Scaria
12	MLM17EE020	JERIN JACOB	Seminar	Infrared Plastic Solar Cell using Nanotechnology	Jeneesh Scaria
13	MLM17EE004	AJIN JOSEPH VARGHESE	Seminar	Arduino based Smart Energy Meter using GS	Priya Thomas
14	MGP17EE003	ADITHYA JAYAN	Seminar	Power Theft Detection	Priya Thomas
15	MLM17EE026	NILIN JACOB	Seminar	Electrochemical Seismometer based on Fine-	Priya Thomas
16	MLM17EE036	TOM THOMAS	Seminar	Electrical Power Generation System from Spc	Priya Thomas
17	MLM17EE006	ANJALI S NAIR	Seminar	Energy Management System for Small Scale	Rahumathbeeby K A
18	MLM17EE007	ANTONY K R	Seminar	Medical Robotics	Rahumathbeeby K A

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22	MLM17EE025	NESHYAMOL	Seminar	A Study on Campus Friendly Solar Powered	Krupa Ann Kurian
23	MLM17EE030	SANJU K PHILIP	Seminar	Human Body Detectin and Tracking using PI	Krupa Ann Kurian
24	MLM17EE010	ASNA RAJEEV	Seminar	Women Protection & Crime Detection using I	Preethi Sebastian
25	MLM17EE018	GOKUL KRISHNAN G	Seminar	Electric Vehicle Storage	Preethi Sebastian
26	CIM17EE001	JUDE THOMAS	Seminar	Bladeless Wind Turbine	Preethi Sebastian
27	MLM17EE035	SURAJ RAVI	Seminar	Electric Cycle	Preethi Sebastian
28	MLM17EE014	CYRIL SEBASTIAN	Seminar	Application of Electric Spring in Fuel Cells	Dr. T D Subash
29	MLM17EE016	EMIL MATHEW	Seminar	Hyperloop System Implementation using Mag	Dr. T D Subash
30	MLM17EE024	NANDHU S GOPAL	Seminar	Modified Solar Generating Module for High I	Dr. T D Subash
31	MLM17EE022	JIDENDRA KUMAR	Seminar	Foldable Floating Solar Array for Electric Ve	Dr. T D Subash
32	MLM17EE015	DAIS MATHEW	Seminar	A Wireless Battery Temperature Monitoring S	Eugene Peter
33	MLM17EE017	GITHU SUNIL	Seminar	Photovoltaic MPPT Technique	Eugene Peter
34	MLM17EE033	RKAHIL V R	Seminar	Progress in Nano robotics for Advancing Bio	Eugene Peter
35	MLM17EE019	HARIKRISHNAN S	Seminar	Battery Internal Resistance Estimation Using	Eugene Peter
36	CIM17EE002	KRISHNENDU R	Seminar	Smart Health Monitoring System based on FC	Jeneesh Scaria
37	MLM17EE023	MINNU MOL SAJI	Seminar	A Study on Transmission line Protection Usin	Jeneesh Scaria
38	MLM17EE029	SAM V MATHEW	Seminar	IoT Based SCADA integrated with Fog for P	Jeneesh Scaria
39	CIM17EE004	SHYAM MOHAN	Seminar	Autonomous Wind Turbine Blade Inspection	Neeba Sabu
40	CIM17EE006	SONY ANTONY EAPPAN	Seminar	Automatic Toll Collection System based of R	Neeba Sabu
41	MLM16EE037	SANU S JOHN	Seminar	Smart Grid Technologies	Neeba Sabu

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MANGALAM COLLEGE OF ENGINEERINGDEPARTMENT OF MECHANICAL ENGINEERING
1.3.2 DETAILS OF STUDENT SEMINARS/PROJECT

ACADEMIC YEAR/SEM : 2020-2021

BATCH : A&B

SEMESTER VII

SL NO	REG NO	NAME OF STUDENT	SEMINAR	TOPIC	Name of Guide
1	KVE17ME039	VITHUNLAL	SEMINAR	Eco-friendly alternative refrigeration system	Amal R
2	KVE17ME018	Kiran Rajendran	SEMINAR	Effect of phase change materials on the performance of photovoltaic panels	amal.r@mangalam.in
3	MLM17ME011	Adarsh PS	SEMINAR	Regenerative shock absorber	Asst. Prof. Abu Thomas Cherian 9567383524 abu.cherian@mangalam.in
4	MLM17ME034	Cilesh K Manoj	SEMINAR	Application of carbon nanotubes in automobile	
5	MLM17ME022	Anandu Shaji	SEMINAR	Decomposition of CO ₂ in solar gliding arc plasma reactor to useful energy	
6	MLM17ME036	Dickson Sunoj Thomas	SEMINAR	Wear and mechanical characterization of Mg - Gr self lubricating composite	Asst. Prof. Arun Jose 9567282260 arun.jose@mangalam.in
7	MLM17ME007	Abin Abraham	SEMINAR	FURNITURE MADE USING WOODNARY JOINTS	
8	MLM17ME025	Antony Jaymon	SEMINAR	CRUISE MISSILE SYSTEM	
9	CML17ME030	Sam S Rejimon	SEMINAR	Laser cutting	
10	MLM17ME086	Sreelekshmi S	SEMINAR	Development of 2 stroke GDI engine	Asst. Prof. Benphil C Mathew 9400830360 benfil.mathew@mangalam.in
11	MLM17ME010	Adarsh krishna A	SEMINAR	A fully renewable and efficient backup power system with a hydrogen-biodiesel-fueled ic	
12	MLM17ME018	Akshay S	SEMINAR	A high-efficiency regenerative shock absorber considering twin ball screws	
13	MLM17ME045	Jebin P D	SEMINAR	Control of a new low-cost semi-active vehicle suspension system using	
14	MLM17ME054	Jomon Mathews	SEMINAR	Absorption refrigeration system using engine exhaust gas as an energy source	
15	MLM17ME031	Bibin babu	SEMINAR	Modified Abrasive jet polishing and it's application in surface finishing	Asst. Prof. Sammon Korah 9496801119 sammon.korah@mangalam.in
16	MLM17ME 006	Abidh Sulaiman	SEMINAR	Study on different braking system used in railway vehicles and importance of	
17	MLM17ME033	Bibin Charles	SEMINAR	Experimental Study on Surface Roughness on Mild steel by using Abrasive Jet	
18	MLM17ME026	Arnold Roy	SEMINAR	Study of parameters of CO ₂ laser cutting process	
19	MLM17ME029	Basil Mathew	SEMINAR	PAUT based defect detection method for submarine pressure hulls	Asst. Prof. Jishnu M 9496932541 jishnu.m@mangalam.in
20	MLM17ME015	Ajay Kurian Tomy	SEMINAR	Space Solar Power Satellites	
21	MLM17ME008	Abin Biju	SEMINAR	Evaluation and real effectiveness of airbag jacket for motorcyclists	

22	MLM17ME003	Abhimanyu Anil	SEMINAR	Parameter Optimization for Additive Manufacturing	
23	MLM17ME001	Abijithkrishnan R	SEMINAR	Thermal buckling of temperature-dependent functionally graded	Asst. Prof. Albert Mathew 7994036161 albert.mathew@mangalam.in
24	MLM17ME017	Akhil Suresh	SEMINAR	Flexoelectric and surface effects on a cracked piezoelectric nanobeam:	
25	MLM17ME014	Afin Salim	SEMINAR	optimum setup of a multihead weighing machine	
26	MLM17ME024	Ananthu A R	SEMINAR	Laser Ignition System	
27	MLM17ME042	Gokul Soman	SEMINAR	Production, Properties and Applications of Low-Cost Textile Grade	
28	MLM17ME032	Bibin Benny	SEMINAR	CORROSION FAILURE ANALYSIS OF COPPER HEAT EXCHANGER BY	Asst. Prof. Albert Mathew 7994036161 albert.mathew@mangalam.in
29	MLM17ME043	Gokul T G	SEMINAR	EXHAUST GAS BRAKING MECHANISM	
30	MLM17ME035	Deepak P Madhu	SEMINAR	Design and analysis of Non Pneumatic Tyres	
31	MLM17ME016	Ajith K Aji	SEMINAR	Effect of thermal exposure on microstructure and high temperature fatigue life of Al-	Asst. Prof. Manoj Balu 9746380258 manoj.b@mangalam.in
32	MLM17ME020	Albin John	SEMINAR	Impact of Addition oxy-hydrogen gas (HHO) on vehicle engines performance	
33	CIM17ME013	Arun K S	SEMINAR	Potential Application Of Nanotechnology In Transportation	
34	CIM17ME014	Arunkumar V P	SEMINAR	Experimental identification of rotating and stationary damping in a cracked rotor	
35	MLM17ME002	ABHIJITH R KRISHNAN	SEMINAR	Adaptive Cruise Control System	
36	MLM17ME009	ACHU THANKACHAN	SEMINAR	Transparent solar photovoltaic technology	Asst. Prof. Rahul Krishnan 9995362369 krishnan.rahul@mangalam.in
37	MLM17ME012	ADARSH P VIJAY	SEMINAR	Tsunami Warning System	
38	MLM17ME005	ABHISHEK SUBASH	SEMINAR	Advancement in geothermal heating and cooling	
39	MLM17ME038	FLORA ANN BINU	SEMINAR	Engine emissions for biodiesel blended fuels	Asst. Prof. Praveen H 7012031844 praveen.h@mangalam.in
40	MLM17ME040	GOKUL GANESH	SEMINAR	Experimental study of hydrogen leakage and emission of fuel cell vehicles	
41	MLM17ME046	JERIN LUKOSE	SEMINAR	Exhaust gas recirculation	
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