



**Viswajyothi College of Engineering & Technology, Vazhakulam**

**Civil Engineering - A Batch (2014-2018)**

**Seminar Topics - S7**

<b>Roll No.</b>	<b>Name</b>	<b>Topic</b>
1	ABHIJITH R	Design of multipurpose stadium using solar cooling technology
2	ADITYA JOSEPH	Performance and analysis of multimodal transportation
3	AJAY BALAN	Assessment of coastal vulnerability along Cochin
4	AJU JOAN GEORGE	Composite shell lining for tunnels
5	ALISHABAN NAZAR	The rolling barrier system
6	AMAL JOHN	Monopile foundation - wind offshore turbines
7	ANAND RAMESH	Tsunami early warning system
8	ANANDHU K J	Building science of Indian Temple Architecture
9	ANJANA T C	Automation and control of water treatment plant
10	ANLY SAJU	Local scour protection methods in bridge piers
11	ANUSREE S	Under sleeper pads
12	ASHA MATHEW	Nanozero valent iron for ground water purification
13	ASHILY SUNNY	Utilisation of rice husk ash for soil stabilization
14	ASHWIN ALIAS	Spectral fingerprinting
15	ASWATHY WARRIER D	Strength characteristics of concrete partially replaced by E waste as coarse aggregate
16	BALAMURALI KRISHNA	Graphene oxide reinforced portland cement
17	BASIL JOLLY	Advantages of using vibration isolators for payload base on a LV
18	BLESSY TREESA BABY	Bioswales
19	DANGY GEORGE	Nuclear magnetic resonance applications in Civil Engineering
20	DEAPHAN T THENGUMPALLIL	Biogenic deterioration of concrete and its mitigation technologies
21	DENI TREESA DOMINIC	Tunnelling through extremely weak zone by adopting new methodology and techniques
22	GAYATHRY N P	Mitigation of environmental health risk on military air bases polluted with hydrocarbons
23	GIYA RISA SEBASTIAN	Extradosed bridges
24	HANNA MINI SABU	Bioelectricity production from waste water using microbial fuel cell
25	HARIKRISHNAN S	Bus rapid transit system



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26	<b>JELITA P XAVIER</b>	Rainfall trend analysis by Mann-Kendall method for Cochin region.
27	<b>JERIN K JAIN</b>	Hyperloop
28	<b>JITHIN JOSE</b>	Utilization of pond ash in concrete
29	<b>JOSEPH ROY</b>	Autoclaved aerated concrete blocks
30	<b>MARIAMOL MATHEW</b>	Flexural behaviour of RC beam wrapped with GFRP
31	<b>MARIENE ANNU PHILIP</b>	Intelligent drip irrigation system
32	<b>MARSHAL TOMY</b>	RFID tags in construction industry
33	<b>MEERA HARIDAS</b>	Application of BIM in disaster management
34	<b>MERIN MARIYA PAUL</b>	Sewerage into drinking water using graphene sieve
35	<b>MUHAMMED HAFIS ABUBAKER</b>	Soil stabilisation using shredded tyre
36	<b>NAZNEEN NAZAR</b>	Cellulose nano-material in waste treatment technology
37	<b>NIMISHA SUNNY</b>	Development in erosion control system
38	<b>NIRMAL ANTONY</b>	Biofiltration
39	<b>RESHMA JOSE</b>	seawater freeze desalination system utilizing CNG cold energy
40	<b>RISHIRAJ P MONI</b>	Bioaugmentation as a remediation technology
41	<b>SHYSON SUNNY</b>	Current and emerging water main renewal technologies
42	<b>SNEHA GEORGE</b>	Rainfall trend analysis by series slope estimator from Cochin region
43	<b>SRITHA RAVI</b>	Structural patterns granularity variation to optimise a vertical structure
44	<b>TOM KACHAPPILLY</b>	Management of pedestrian safety
45	<b>VISHNU UNNIKRISHNAN</b>	Amphibious house