



KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, TELANGANA, INDIA

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६०१५, तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

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DEPARTMENT OF CIVIL ENGINEERING

Student Seminars Linked to SDGs

The following table shows the details of Seminar works of Civil Engineering Department to address UN-17 SDG Goals.

Academic Year: CAY, CAY-1, CAY-2

CAY +1 Academic Year 2025-26 (Section 5CE1) - Seminars

S.No	Roll Number	Seminar Title	SDGs Addressed	Name of the Supervisor
1	B23CE001	Sustainable construction materials and their role in civil engineering	SDG 9, SDG 12	Dr. M. Veera Reddy
2	B23CE002	Sustainable Buildings	SDG 9, SDG 11, SDG 12	Dr. M. Veera Reddy
3	B23CE003	Self healing bacterial concrete	SDG 9, SDG 12	Dr. M. Veera Reddy
4	B23CE004	underground infrastructure using tunnel boring machines	SDG 9	Dr.L. Sudheer Reddy
5	B23CE005	Infrastructural development and sustainability	SDG 9, SDG 11	Dr.L. Sudheer Reddy
6	B23CE006	Modern construction techniques	SDG 9	Dr.L. Sudheer Reddy
7	B23CE008	Smart traffic sign system	SDG 9, SDG 11	Dr.L. Sudheer Reddy
8	B23CE010	Smart Highways Plastic roads	SDG 9, SDG 11, SDG 12	Dr. M. Srikanth
9	B23CE011	Construction monitoring and predictive maintenance using AI	SDG 9, SDG 12	Dr. M. Srikanth
10	B23CE014	Impact of AI in civil infrastructure	SDG 9	Dr D. HariKrishna
11	B23CE015	AI driven project cost and time forecasting	SDG 9	Dr D. HariKrishna
12	B23CE016	Green pavements for smart cities	SDG 9, SDG 11	Dr.S.Sunil Pratap Reddy
13	B23CE017	Self Healing concrete	SDG 9, SDG 12	Dr.S.Sunil Pratap Reddy
14	B23CE018	AI and Machine Learning in Construction Planning	SDG 9	Dr.S.Sunil Pratap Reddy
15	B23CE019	Sewage treatment plant (STP)	SDG 6, SDG 9	Dr. A.Suchith Reddy



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16	B23CE022	Effects of earthquake on transportation	SDG 9, SDG 11	Sri. B. Sai Laxman
17	B23CE23	impact of earthquake on water bodies	SDG 6, SDG 9	Sri. B. Sai Laxman
18	B23CE025	Sub grade stabilization using geo textiles(Coir)	SDG 9, SDG 12	Dr. G. Shravan Kumar
19	B23CE026	sub grade stabilization using geo textiles (geo grade)	SDG 9, SDG 12	Dr. G. Shravan Kumar
20	B23CE029	Use of drones in civil engineering surveying	SDG 9	Sri. K.Srujan Varma
21	B23CE030	waste management in construction	SDG 9, SDG 12	Sri. K.Srujan Varma
22	B23CE032	Earthquake Resistant Structures	SDG 9, SDG 11	Sri. Ch. Sridhar
23	B23CE033	Geo polymer concrete	SDG 9, SDG 12	Sri. Ch. Sridhar
24	B23CE034	3D printing in construction	SDG 9	Dr. N.Srikanth
25	B23CE035	innovative soil stabilization technologies	SDG 9	Dr. N.Srikanth
26	B23CE036	Latest trends of RC building construction	SDG 9	Dr. N.Srikanth
27	B23CE037	geopolymer concrete	SDG 9, SDG 12	Smt. K.Santosh Bhargavi
28	B23CE038	Role soil investigation in preventing foundation failure	SDG 9	Smt. K.Santosh Bhargavi
29	B23CE042	Drone technology in civil engineering	SDG 9	Smt. K.Santosh Bhargavi
30	B23CE043	Nanotechnology and innovative materials for enhanced durability	SDG 9	Sri.A.Bhaskar
31	B23CE047	Advanced waste water treatment	SDG 6, SDG 9	Sri.A.Bhaskar
32	B23CE048	Artificial intelligence and machine learning in civil engineering	SDG 9	Sri.A.Bhaskar
33	B23CE049	Structural health monitoring system using AIOT	SDG 9, SDG 11	Dr. Harikrishna
34	B23CE050	Sustainable wastewater treatment using natural wetlands	SDG 6, SDG 9	Dr. S. Sunil Pratap Reddy
35	B23CE052	Sub grade stabilization using geo-textiles(geo grade)	SDG 9, SDG 12	Dr.G.Shravan Kumar
36	B23CE053	3D Printing in construction	SDG 9	Sri. K.Srujan Varma



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37	B23CE055	Effect of sustainable materials on earthquake	SDG 9, SDG 11, SDG 12	Sri. B. Sai Laxman
38	B23CE056	Effects of earthquakes induced phenomenon on soils	SDG 9	Sri. B. Sai Laxman
39	B24CE061L	subgrade stabilization using nonwoven geo textiles	SDG 9, SDG 12	Dr. G. Shravan Kumar
40	B24CE062L	Previous concrete pavements	SDG 9, SDG 12	Sri. Ch. Sridhar
41	B24CE064L	Eco friendly concrete technologies	SDG 9, SDG 12	Smt. K.Santosh Bhargavi
42	B24CE065L	Earthquake impact on soil	SDG 9	Sri. B. Sai Laxman
43	B24CE066L	Soil Reinforcement	SDG 9, SDG 12	Sri.A.Bhaskar
44	B24CE067L	Use of plastic waste in road construction	SDG 9, SDG 12	Dr. N.Srikanth
45	B24CE068L	Self healing concrete	SDG 9, SDG 12	Dr. N.Srikanth
46	B24CE069L	3D printing in concrete	SDG 9	Dr. M. Veera Reddy
47	B24CE070L	Types of sustainable foundations and designs	SDG 9, SDG 12	Smt. K.Santosh Bhargavi

CAY Academic Year 2024-25 (Section 5CE1) - Seminars

S.No	Roll Number	Seminar Title	SDGs Addressed	Name of the Supervisor
1	B21CE035	Sustainable housing in urban areas	SDG 9, SDG 11	Smt. B. Sravanthi
2	B22CE001	Sustainable Transportation	SDG 9, SDG 11	Dr. M. Veera Reddy
3	B22CE002	Advanced Earthquake Resistance Techniques	SDG 9, SDG 11	Dr. M. Veera Reddy
4	B22CE003	Self Curing Concrete	SDG 9, SDG 12	Dr. L. Sudheer Reddy
5	B22CE004	Geopolymer Plant at Singareni Telangana	SDG 9, SDG 12	Dr. L. Sudheer Reddy
6	B22CE005	Geotextiles as Soil Stabilizers	SDG 9, SDG 12	Dr. M. Andal
7	B22CE007	Modern Air Pollution Control Techniques	SDG 3, SDG 13	Dr. M. Srikanth
8	B22CE008	Transformation of Civil Engineering with Digital Twins	SDG 9	Dr. M. Srikanth
9	B22CE009	Modular construction	SDG 9	Dr. D. Hari Krishna



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DEPARTMENT OF CIVIL ENGINEERING

10	B22CE011	Enhancing Seismic Resilience: Innovations and Technologies in Civil Engineering	SDG 9, SDG 11	Dr. S. Sunil Pratap Reddy
11	B22CE012	Use of GIS and Remote Sensing in Surveying	SDG 9, SDG 15	Dr. S. Sunil Pratap Reddy
12	B22CE013	Study of Long term Behaviour of Red mud based geopolmer M20 grade cement	SDG 9, SDG 12	Dr. S. Sunil Pratap Reddy
13	B22CE015	Service life estimation of concrete	SDG 9, SDG 12	Dr. A. Suchith Reddy
14	B22CE016	Quantitative Measurements and Analysis of Earthquake	SDG 9, SDG 11	Sri. B. Sai Laxman
15	B22CE017	Equations to Predict Magnitude and Intensity of Earthquake	SDG 9, SDG 11	Sri. B. Sai Laxman
16	B22CE018	Permafrost and its Effects on Engineering Structures	SDG 9, SDG 13	Sri Ch. Sridhar
17	B22CE019	Waste Water Treatment	SDG 6, SDG 9	Sri Ch. Sridhar
18	B22CE020	Benefication Methods Adopted to enhance the Properties of Recycled Concrete Aggregate	SDG 9, SDG 12	Sri. Srujan Varma.K
19	B22CE021	Flexible Pavements	SDG 9, SDG 11	Sri. Srujan Varma.K
20	B22CE023	Sustainable Construction Materials	SDG 9, SDG 12	Sri N. Srikanth
21	B22CE024	Types of failures in structural components	SDG 9, SDG 11	Dr. G. Shravan Kumar
22	B22CE025	Lime Based Geopolymer Concrete	SDG 9, SDG 12	Smt. K. Santhosh Bhargavi
23	B22CE026	Plastic Roads	SDG 9, SDG 12	Smt. K. Santhosh Bhargavi
24	B22CE027	Hydration of lime based on geopolymer concrete	SDG 9, SDG 12	Smt. K. Santhosh Bhargavi
25	B22CE028	Durability aspects of concrete containing Nano-titanium Dioxide	SDG 9, SDG 12	Sri A. Bhaskar
26	B22CE029	Flexible Pavement	SDG 9, SDG 11	Sri A. Bhaskar
27	B22CE030	Applications of GIS and AI in Urban Planning	SDG 9, SDG 11	Smt. Sree Laxmi Pavani
28	B22CE031	Transparent and translucent Concrete	SDG 9, SDG 12	Smt. Sree Laxmi Pavani



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29	B22CE032	Plastic Roads	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
30	B22CE033	Types of failures in structural components	SDG 9, SDG 11	Smt. M. Sowjanya Lakshmi
31	B22CE034	Roles of AI in Construction Engineering Management	SDG 9	Smt. M. Sowjanya Lakshmi
32	B22CE036	Water Pollution Control for Sustainable Development	SDG 6, SDG 9	Smt. S. Bhavani
33	B22CE037	3D printing for construction in civil Engineering	SDG 9	Smt. S. Bhavani
34	B22CE146L	Partial Replacement of Cement by Rice Husk Ash	SDG 9, SDG 12	Dr. N.Srikanth
35	B23CE061L	Green Concrete	SDG 9, SDG 12	Dr. M. Veera Reddy
36	B23CE062L	Engineering evolution: Unleashing IoT in civil projects	SDG 9	Dr. L. Sudheer Reddy
37	B23CE063L	Cellular light weight concrete in pavements	SDG 9, SDG 12	Dr. M. Andal
38	B23CE064L	Ecofriendly, Economic, Energy Efficient Shelters (E3 shelters)	SDG 9, SDG 11	Dr. M. Srikanth
39	B23CE065L	Recycling of concrete	SDG 9, SDG 12	Dr. D. Hari Krishna
40	B23CE066L	Bubble Deck Slab	SDG 9, SDG 12	Dr. S. Sunil Pratap Reddy
41	B23CE067L	Recent Advances in Expensive soil Stabilization using admixtures	SDG 9, SDG 12	Dr. S. Sunil Pratap Reddy
42	B23CE068L	Estimation of earthquake using seismograph	SDG 9, SDG 11	Sri. B. Sai Laxman
43	B23CE069L	A Detailed study on Binishell	SDG 9	Sri. B. Sai Laxman
44	B23CE070L	Qualitative Estimation of earthquake using existing literature	SDG 9, SDG 11	Sri. B. Sai Laxman
45	B23CE071L	Influence of Geometric designs on Traffic safety	SDG 9, SDG 11	Dr. G. Shravan Kumar
46	B23CE072L	Solar Building uses in Power Generation	SDG 7, SDG 9	Sri Ch. Sridhar
47	B23CE073L	Retrofitting Dilapidated Buildings	SDG 9, SDG 11	Sri K.Srujan Varma
48	B23CE074L	Fiber Reinforced Polymer (FRP) Reinforcement	SDG 9, SDG 12	Sri K.Srujan Varma
49	B23CE075L	Lifecycle Assessment (Sustainable techniques)	SDG 9, SDG 12	Dr. N. Srikanth



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50	B23CE076L	Artificial Intelligence in Civil Engineering	SDG 9	Smt. S. Bhavani
51	B23CE077L	Metakaolin-based geopolymer Concrete	SDG 9, SDG 12	Smt. K. Santhosh Bhargavi
52	B23CE078L	Lime and Metakaolin based Concrete	SDG 9, SDG 12	Smt. K. Santhosh Bhargavi
53	B23CE079L	Accident prevention at hairpin bends	SDG 9, SDG 11	Sri A. Bhaskar
54	B23CE080L	Sustainable Design in Green Building	SDG 9, SDG 11, SDG 12	Sri A. Bhaskar
55	B23CE081L	Application of Non-Newtonian Fluids in Speed Breakers	SDG 9, SDG 11	Smt. Sree Laxmi Pavani
56	B23CE082L	M Sand: The Sustainable Alternative to Natural Sand	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
57	B23CE083L	Building Integrated Photovoltaics Systems	SDG 7, SDG 9	Smt. M. Sowjanya Lakshmi
58	B23CE084L	Use of Discrete Fiber in Road Construction	SDG 9, SDG 12	Smt. B. Sravanthi
59	B23CE085L	Emerging Artificial Intelligence Methods in Structural Engineering	SDG 9	Smt. S. Bhavani
60	B23CE086L	Self healing bacterial Concrete	SDG 9, SDG 12	Sri A. Bhaskar
61	B23CE087L	Basalt Fiber Reinforced Concrete	SDG 9, SDG 12	Dr. D. Hari Krishna
62	B23CE088L	Impact Resistance and Strength Development of Fly Ash based Self Compactive Concrete	SDG 9, SDG 12	Dr. D. Hari Krishna
63	B23CE089L	Transparent Concrete	SDG 9, SDG 12	Smt. B. Sravanthi

CAY-1 Academic Year 2023-24 (Section 5CE1) - Seminars

S.No.	Roll Number	Seminar Title	SDGs Addressed	Name of the Supervisor
1	B21CE001	Construction Waste Management Techniques	SDG 9, SDG 12	Dr. M. Veera Reddy
2	B21CE002	Renewable Energy Technologies and Water Infrastructure	SDG 6, SDG 7, SDG 9	Dr. M. Veera Reddy



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3	B21CE003	Precast Construction Technology	SDG 9, SDG 12	Dr. M. Veera Reddy
4	B21CE005	Diagrid Structural System	SDG 9	Dr. L. Sudheer Reddy
5	B21CE006	Construction of Buildings Using Plastic	SDG 9, SDG 12	Dr. L. Sudheer Reddy
6	B21CE007	Applications of Bio-Inspired Algorithms In Geotechnical Engineering	SDG 9	Dr. L. Sudheer Reddy
7	B21CE008	Photovoltaic Glazing	SDG 7, SDG 9	Dr. L. Sudheer Reddy
8	B21CE009	Soil stabilization using rice husk ash and natural lime as an alternative to cutting and filling	SDG 9, SDG 12	Dr. M. Andal
9	B21CE010	Investigation on strength properties of black cotton soil stabilized with flyash and geo reinforcement	SDG 9, SDG 12	Dr. M. Andal
10	B21CE011	Stabilization of black cotton soil using geopolymerisation	SDG 9, SDG 12	Dr. M. Andal
11	B21CE012	Role of soils in purifying waste water effluents	SDG 6, SDG 9	Dr. M. Andal
12	B21CE013	Evolution Of Construction Management From 1960s To Today	SDG 9	Dr. M. Srikanth
13	B21CE014	Pervious concrete	SDG 9, SDG 12	Dr. M. Srikanth
14	B21CE015	Tunnels and underground excavations	SDG 9	Dr. M. Srikanth



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15	B21CE016	Bridges: repair, replacement and inspection	SDG 9, SDG 11	Dr. M. Srikanth
16	B21CE017	Artificial intelligence in civil engineering	SDG 9	Dr. D. Hari Krishna
17	B21CE018	Robotics and automation in construction industry	SDG 9	Dr. D. Hari Krishna
18	B21CE019	Artificial intelligence in civil engineering	SDG 9	Dr. D. Hari Krishna
19	B21CE020	Construction site safety	SDG 9, SDG 11	Dr. D. Hari Krishna
20	B21CE022	Remote sensing in crop water allocation	SDG 6, SDG 9	Dr. S. Sunil Pratap Reddy
21	B21CE023	Light emitting concrete	SDG 9, SDG 12	Dr. S. Sunil Pratap Reddy
22	B21CE024	Recycling of asphalt pavements	SDG 9, SDG 12	Dr. S. Sunil Pratap Reddy
23	B21CE039	Types of failure in structural components	SDG 9, SDG 11	Dr.A. Suchith Reddy
24	B21CE040	Non destructive testing of concrete	SDG 9, SDG 11	Dr.A. Suchith Reddy
25	B21CE041	A study on rigid pavements (white topping)	SDG 9, SDG 11	Dr.A. Suchith Reddy
26	B21CE042	Performance characteristics of high strength recycled concrete	SDG 9, SDG 12	Dr.A. Suchith Reddy



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DEPARTMENT OF CIVIL ENGINEERING

27	B21CE043	Scheduling of project using microsoft project	SDG 9	Dr.A. Suchith Reddy
28	B21CE044	Building construction materials in heritage sites: the great wall of china in jinshanling	SDG 9, SDG 11	Dr.A. Suchith Reddy
29	B22CE121L	Stabilization of pavements of base and sub base	SDG 9, SDG 11	Dr. G.Shravan Kumar
30	B22CE122L	Traffic engineering: accident spots improvement	SDG 9, SDG 11	Dr. G.Shravan Kumar
31	B22CE123L	Stabilization of subgrade soil	SDG 9, SDG 12	Dr. G.Shravan Kumar
32	B22CE124L	Concrete pavements	SDG 9, SDG 11	Dr. G.Shravan Kumar
33	B22CE125L	Bacterial concrete	SDG 9, SDG 12	Dr. G.Shravan Kumar
34	B22CE126L	Sustainable materials in pavement construction	SDG 9, SDG 12	Dr. G.Shravan Kumar
35	B21CE025	Green building material	SDG 9, SDG 12	Sri Ch. Sridhar
36	B21CE026	Repairs & rehabilitation of structures	SDG 9, SDG 11	Sri Ch. Sridhar
37	B21CE027	Plastic roads: a recent advancement in waste management	SDG 9, SDG 12	Sri Ch. Sridhar
38	B21CE028	Exploring best practices in construction management	SDG 9	Sri Ch. Sridhar
39	B21CE029	Effect on climate due to urbanisation	SDG 11, SDG 13	Sri. Srujan Varma.K
40	B21CE030	Stabilisation of soils using geo synthetics	SDG 9, SDG 12	Sri. Srujan Varma.K



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41	B21CE031	Pervious concrete	SDG 9, SDG 12	Sri. Srujan Varma.K
42	B21CE032	Micro structure of concrete	SDG 9, SDG 12	Sri. Srujan Varma.K
43	B21CE034	Traffic turbines	SDG 7, SDG 9	Sri N. Srikanth
44	B21CE035	Road Study in Rural Areas	SDG 9, SDG 11	Sri N. Srikanth
45	B21CE037	Flexure in fibre reinforced concrete	SDG 9, SDG 12	Sri N. Srikanth
46	B21CE038	Material in Civil Engineering	SDG 9, SDG 12	Sri N. Srikanth
47	B22CE128L	Use of ai in civil engineering	SDG 9	Dr. G.Shravan Kumar
48	B22CE129L	Green concrete	SDG 9, SDG 12	Dr. G.Shravan Kumar
49	B22CE130L	Fibre Reinforced Geopolymer Concrete	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
50	B22CE131L	Sustainable Concrete Bio Based Concrete	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
51	B22CE133L	Partial Replacement Of Cement By Rice Husk Ash	SDG 9, SDG 12	Smt. S. Bhavani
52	B21CE045	Biological Considerations in Geotechnical Engineering	SDG 9, SDG 15	Dr.A. Suchith Reddy
53	B22CE134L	Light Emitting Concrete	SDG 9, SDG 12	Smt. S. Bhavani
CAY-1 Academic Year 2023-24 (Section 5CE2) - Seminars				
S.No	Roll Number	Seminar Title	SDGs Addressed	Name of the Supervisor
1	B21CE047	Nano concrete	SDG 9	Smt. K. Santhosh Bhargavi



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2	B21CE048	Solar building	SDG 7, SDG 9	Smt. K. Santhosh Bhargavi
3	B21CE049	Decorative concrete	SDG 9	Smt. K. Santhosh Bhargavi
4	B21CE050	Advanced concrete materials & techniques	SDG 9, SDG 12	Sri A. Bhaskar
5	B21CE051	Box pushing technique	SDG 9	Sri A. Bhaskar
6	B21CE052	Prevention of floods	SDG 6, SDG 13	Sri A. Bhaskar
7	B21CE053	Fiber reinforced concrete	SDG 9, SDG 12	Sri A. Bhaskar
8	B21CE054	Translucent concrete	SDG 9, SDG 12	Sri. B. Sai Laxman
9	B21CE055	Submerged floating tunnels	SDG 9	Sri. B. Sai Laxman
10	B21CE056	Soil as Plastic stabilizer	SDG 9, SDG 12	Sri. B. Sai Laxman
11	B21CE058	Ground freezing technique	SDG 9	Smt. S. Bhavani
12	B21CE059	Investigation on strength properties of black cotton soil stabilized with flyash and geo reinforcement	SDG 9, SDG 12	Smt. S. Bhavani
13	B21CE060	Prefabricated steel	SDG 9, SDG 12	Smt. S. Bhavani
14	B21CE062	Automated highway systems	SDG 9, SDG 11	Smt. B.Sravanthi
15	B21CE063	Highway network system	SDG 9, SDG 11	Smt. B.Sravanthi
16	B21CE064	Construction project management	SDG 9	Sri K.Srujan Varma
17	B21CE065	Study on multi recycled aggregate concrete	SDG 9, SDG 12	Sri K.Srujan Varma
18	B21CE066	Intelligent transportation system	SDG 9, SDG 11	Smt. Sree Laxmi Pavani
19	B21CE067	Fiber reinforced concrete	SDG 9, SDG 12	Smt. B. Sravanthi
20	B21CE068	Bio concrete - the self healing concrete	SDG 9, SDG 12	Smt. B. Sravanthi



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21	B21CE069	Recycling of concrete	SDG 9, SDG 12	Smt. B. Sravanthi
22	B21CE070	Coconut shell as a coarse aggregate in concrete	SDG 9, SDG 12	Smt. B. Sravanthi
23	B21CE071	Pervious concrete	SDG 9, SDG 12	Smt. B. Sravanthi
24	B21CE072	Rainwater harvesting	SDG 6, SDG 13	Smt. B. Sravanthi
25	B21CE073	Dynamic architecture of buildings	SDG 9	Smt. B. Sravanthi
26	B21CE074	The line-the city for the future	SDG 9, SDG 11	Smt. B. Sravanthi
27	B21CE075	Demolition of buildings	SDG 9, SDG 12	Smt. B. Sravanthi
28	B21CE077	Geo polymer concrete and its applications	SDG 9, SDG 12	Smt. B. Sravanthi
29	B21CE078	Earthquake -resistant structures	SDG 9, SDG 11	Smt. M. Sowjanya Lakshmi
30	B21CE079	Silica fume concrete and its applications	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
31	B21CE080	Lightweight concrete and its performance in harsh weather	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
32	B21CE081	Self compacting concrete (SCC) and its development	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
33	B21CE082	Applications of Green concrete	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
34	B21CE083	Aerodynamics and characteristics of high rise buildings	SDG 9	Smt. M. Sowjanya Lakshmi
35	B21CE084	GGBS and NMK as soil stabilizers	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
36	B21CE085	Papercrete	SDG 9, SDG 12	Smt. M. Sowjanya Lakshmi
37	B21CE086	Low cost housing	SDG 9, SDG 11	Sri Ch. Sridhar
38	B21CE088	The role of artificial intelligence in civil engineering	SDG 9	Sri Ch. Sridhar
39	B21CE089	Geopolymer concrete	SDG 9, SDG 12	Sri Ch. Sridhar
40	B22CE135L	Self compaction concrete	SDG 9, SDG 12	Sri. A.Bhaskar



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41	B22CE136L	Bubble deck slab	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
42	B22CE137L	Permeable pavement	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
43	B22CE138L	Bamboo as a building material	SDG 9, SDG 12	Smt. S. Bhavani
44	B22CE139L	Soil cement	SDG 9, SDG 12	Smt. S. Bhavani
45	B22CE140L	3d printing in construction	SDG 9	Smt. K. Santhosh Bhargavi
46	B22CE141L	Lifting a river	SDG 6, SDG 9	Smt. K. Santhosh Bhargavi
47	B22CE142L	Hyperloop	SDG 9, SDG 11	Smt. Sree Laxmi Pavani
48	B22CE143L	Self-cleaning concrete	SDG 9, SDG 12	Smt. Sree Laxmi Pavani
49	B22CE144L	Sewage treatment plant	SDG 6, SDG 9	Dr. N. Srikanth
50	B22CE145L	Suspension bridge	SDG 9	Dr. N. Srikanth
51	B22CE147L	Pre cast concrete	SDG 9, SDG 12	Dr. N. Srikanth
52	B22CE148L	Building information modelling and it's applications	SDG 9	Dr. N. Srikanth
53	B22CE149L	Retrofitting	SDG 9, SDG 11	Smt. K. Santhosh Bhargavi

CAY-2 Academic Year 2022-23 (Section 5CE1) - Seminars

S.No	Roll Number	Seminar Title	SDGs Addressed	Name of the Supervisor
1	B20CE001	Study of Low-Cost Housing	SDG 9, SDG 11	Dr. M. Veera Reddy
2	B20CE002	Ultra-High-Performance Concrete	SDG 9, SDG 12	Dr. M. Veera Reddy
3	B20CE003	Study on Utilization of Waste Plastics as Fibers in Concrete	SDG 9, SDG 12	Dr. M. Veera Reddy
4	B20CE004	Application of Natural Fibers in Concrete Pavements	SDG 9, SDG 12	Dr. M. Veera Reddy
5	B20CE005	Plastic Waste to Building Materials	SDG 9, SDG 12	Dr. M. Veera Reddy



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6	B20CE006	Properties of High-Volume Fly Ash Concrete	SDG 9, SDG 12	Dr. M. Veera Reddy
7	B20CE007	Investigating the causes of construction failures	SDG 9, SDG 11	Dr. L. Sudheer Reddy
8	B20CE008	Carbon Fiber Use in Construction	SDG 9, SDG 12	Dr. L. Sudheer Reddy
9	B20CE009	Highway Failure and their Maintenance	SDG 9, SDG 11	Dr. L. Sudheer Reddy
10	B20CE010	Composite Materials in Civil Engineering	SDG 9, SDG 12	Dr. L. Sudheer Reddy
11	B20CE011	Intelligent Transportation System	SDG 9, SDG 11	Dr. L. Sudheer Reddy
12	B20CE012	Concrete Repair and Structural Strengthening	SDG 9, SDG 11	Dr. L. Sudheer Reddy
13	B20CE014	Plastic Paver Blocks	SDG 9, SDG 12	Dr. M. Andal
14	B20CE015	Nanotechnology in Civil Engineering	SDG 9, SDG 12	Dr. M. Andal
15	B20CE016	Canal Irrigation Management	SDG 6, SDG 9	Dr. M. Andal
16	B20CE017	Fiber Reinforced Soil	SDG 9, SDG 12	Dr. M. Andal
17	B20CE019	Robotic construction in Civil Engineering	SDG 9	Dr. M. Srikanth
18	B20CE020	Construction Site Safety	SDG 9, SDG 11	Dr. M. Srikanth
19	B20CE022	Performance Management Using BIM-GIS in Construction	SDG 9	Dr. M. Srikanth
20	B20CE023	Transparent Concrete	SDG 9, SDG 12	Dr. M. Srikanth
21	B20CE024	smart sensing technologies for civil engineering structures	SDG 9, SDG 11	Dr. M. Srikanth
22	B20CE026	IOT in Civil Engineering	SDG 9	Dr. D. Hari Krishna
23	B20CE027	Low-cost construction building materials	SDG 9, SDG 12	Dr. D. Hari Krishna
24	B20CE028	Pervious concrete	SDG 9, SDG 12	Dr. D. Hari Krishna
25	B20CE030	Self-healing Concrete	SDG 9, SDG 12	Dr. D. Hari Krishna
26	B20CE032	High Performance Concrete in Fresh and Hardened state	SDG 9, SDG 12	Dr. S. Sunil Prathap Reddy



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27	B20CE033	permafrost and it's effects on engineering structures	SDG 9, SDG 13	Dr. S. Sunil Prathap Reddy
28	B20CE034	Study on Ready Mix Concrete	SDG 9, SDG 12	Dr. S. Sunil Prathap Reddy
29	B20CE035	Advanced Construction Techniques	SDG 9	Dr. S. Sunil Prathap Reddy
30	B20CE036	Study of Submerged Floating Tunnel (SFT)	SDG 9	Dr. S. Sunil Prathap Reddy
31	B20CE037	Noise Control of Building	SDG 9, SDG 11	Sri N. Srikanth
32	B20CE038	Water absorption of porous roads	SDG 9, SDG 12	Sri N. Srikanth
33	B20CE040	Study of water corrosion under water piles	SDG 9, SDG 14	Sri N. Srikanth
34	B20CE041	Geotextile in Civil Engineering	SDG 9, SDG 12	Sri N. Srikanth
35	B20CE042	Earthquake Resisting Building Construction	SDG 9, SDG 11	Sri N. Srikanth
37	B20CE043	The Lego Style Hemp Blocks	SDG 9, SDG 12	Sri K.Srujan Varma
38	B20CE046	Introducing poly blocks in construction	SDG 9, SDG 12	Sri K.Srujan Varma
39	B20CE047	Cyclone Resistant Building Construction	SDG 9, SDG 11, SDG 13	Sri K.Srujan Varma
40	B20CE048	Self-Curing Concrete	SDG 9, SDG 12	Sri K.Srujan Varma
41	B20CE050	Failure of Dams	SDG 6, SDG 9	Sri Ch. Sridhar
42	B20CE052	Sprinkling in Irrigation	SDG 6, SDG 9	Sri Ch. Sridhar
43	B20CE053	To Study about Disaster and Disaster management	SDG 11, SDG 13	Sri Ch. Sridhar
44	B20CE054	Demolition of Buildings	SDG 9, SDG 12	Sri Ch. Sridhar
45	B20CE055	Pavement Design Using Geotextiles	SDG 9, SDG 12	Smt. K.S. Bhargavi
46	B20CE057	Automated Highway Systems	SDG 9, SDG 11	Smt. K.S. Bhargavi



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47	B20CE058	Design of Green Buildings	SDG 9, SDG 11, SDG 12	Smt. K.S. Bhargavi
48	B20CE059	Passive Solar Buildings	SDG 7, SDG 9, SDG 11	Smt. K.S. Bhargavi
49	B20CE060	Green concrete	SDG 9, SDG 12	Smt. K.S. Bhargavi
50	B21CE121L	3-D printing construction	SDG 9	Sri. S. Raja Shekar
51	B21CE122L	Construction Project Management	SDG 9	Sri. S. Raja Shekar
52	B21CE123L	RainWater Harvesting	SDG 6, SDG 13	Sri. S. Raja Shekar
53	B21CE124L	Soil Reinforcement Techniques	SDG 9, SDG 12	Sri. S. Raja Shekar
54	B21CE125L	Cellular Light Weight Concrete	SDG 9, SDG 12	Sri. S. Raja Shekar
55	B21CE126L	Nanotechnology in civil engineering	SDG 9, SDG 12	Sri. S. Raja Shekar
56	B21CE127L	Bamboo the Construction Material	SDG 9, SDG 12	Sri. S. Raja Shekar
57	B21CE128L	Ground improvements techniques	SDG 9, SDG 12	Sri. S. Raja Shekar
58	B21CE129L	Green Demolition Techniques of Reinforced Concrete Structures	SDG 9, SDG 12	Sri. S. Raja Shekar
59	B21CE130L	Bamboo Reinforced Concrete	SDG 9, SDG 12	Sri. S. Raja Shekar
60	B21CE131L	Ground granulated blast furnace slag	SDG 9, SDG 12	Sri. P.Teja Abhilash
61	B21CE132L	Building Information Modeling (BIM)	SDG 9	Sri. P.Teja Abhilash
62	B21CE133L	Plastic Roads	SDG 9, SDG 12	Sri. P.Teja Abhilash
63	B21CE134L	Applications of Artificial Intelligence (AI) in Civil Engineering	SDG 9	Sri. P.Teja Abhilash
64	B21CE135L	Dam break analysis using computational fluid dynamics	SDG 6, SDG 9	Sri. P.Teja Abhilash
65	B21CE136L	Computational Fluid Dynamics in Civil Engineering	SDG 9	Sri. P.Teja Abhilash



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CAY -2 Academic Year 2022-23 (Section 5CE2) - Seminars

S.No	Roll Number	Seminar Topic	SDGs Addressed	Name of the Supervisor
1	B20CE061	Carbon Fiber in Construction	SDG 9, SDG 12	Sri. J.Jithender
2	B20CE062	Complex Geometry in Architecture	SDG 9, SDG 11	Sri. J.Jithender
3	B20CE063	Use Of Fly Ash in Concrete	SDG 9, SDG 12	Sri. J.Jithender
4	B20CE064	The Cognitive-Emotional Design And Study Of Architectural Space : A Scoping Review Of Neuro Architecture	SDG 9, SDG 11	Sri. J.Jithender
5	B20CE065	Plastics As Construction Material In Roads	SDG 9, SDG 12	Sri. J.Jithender
6	B20CE066	Water Resources Issues And It's Management	SDG 6, SDG 9	Sri. J.Jithender
7	B20CE068	The Automated Highway System	SDG 9, SDG 11	Sri. A.Bhaskar
8	B20CE069	Waste Management Strategies For Concrete	SDG 9, SDG 12	Sri. A.Bhaskar
9	B20CE070	Renewable Energy and Water Infrastructure	SDG 6, SDG 7, SDG 9	Sri. A.Bhaskar
10	B20CE074	Construction And Installation of Polymer-Based Windows And Doors	SDG 9, SDG 12	Dr. A. Suchith Reddy
11	B20CE075	Environmental Product Declaration Of Building Material	SDG 9, SDG 12	Dr. A. Suchith Reddy
12	B20CE076	Life Cycle Assessment	SDG 9, SDG 12	Dr. A. Suchith Reddy
13	B20CE077	Building Information And Modeling	SDG 9	Dr. A. Suchith Reddy
14	B20CE079	Highway Construction	SDG 9, SDG 11	Dr. B.Sumanth Kumar
15	B20CE081	Noise Control Of Buildings	SDG 9, SDG 11	Dr. B.Sumanth Kumar
16	B20CE082	Construction Site Safety	SDG 9, SDG 11	Dr. B.Sumanth Kumar
17	B20CE083	Green Concrete	SDG 9, SDG 12	Dr. B.Sumanth Kumar



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18	B20CE084	Non Destructive Testing	SDG 9, SDG 11	Dr. B.Sumanth Kumar
19	B20CE085	Construction Of Pervious Concrete Pavements	SDG 9, SDG 12	Md. Shakel Abid
20	B20CE086	Aerocon Bricks	SDG 9, SDG 12	Md. Shakel Abid
21	B20CE087	Recycled Aggregates In Concrete	SDG 9, SDG 12	Md. Shakel Abid
22	B20CE088	Impact Of Self-Compacting Concrete	SDG 9, SDG 12	Md. Shakel Abid
23	B20CE089	Green Energy Building	SDG 7, SDG 9, SDG 12	Md. Shakel Abid
24	B20CE090	Use Of Plastic Waste In Bituminous Pavement	SDG 9, SDG 12	Md. Shakel Abid
25	B20CE092	Corrosion Control Of Underwater Piles	SDG 9, SDG 14	Sri S.Ashok
26	B20CE093	Fiber Reinforced Concrete	SDG 9, SDG 12	Sri S.Ashok
27	B20CE094	3d Printed House	SDG 9	Sri S.Ashok
28	B20CE095	Artificial Intelligence In Civil Engineering	SDG 9	Sri S.Ashok
29	B20CE096	Small-Scale Operation Of An Anaerobic Baffled Reactor And Bio Filter : Affecting Its Performance	SDG 6, SDG 9	Sri S.Ashok
30	B20CE097	Design Analysis Of Passive Solar Buildings In Urban Areas	SDG 7, SDG 9, SDG 11	Smt CH. Sree Laxmi Pavani
31	B20CE098	Road Construction By Recycling Solid Wastes	SDG 9, SDG 12	Smt CH. Sree Laxmi Pavani
32	B20CE104	Construction site assessment	SDG 9, SDG 11	Dr. N. Gangadhar Reddy
33	B20CE105	Study on lightweight concrete	SDG 9, SDG 12	Dr. N. Gangadhar Reddy
34	B20CE109	Domestic waste water treatment	SDG 6, SDG 9	Sri. P.Teja Abhilash
35	B20CE111	Composite materials For Bridge Construction	SDG 9, SDG 12	Sri. P.Teja Abhilash
36	B20CE112	Using bamboo as construction material	SDG 9, SDG 12	Sri. P.Teja Abhilash



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37	B20CE113	Solid and bio medical waste management	SDG 3, SDG 12	Sri. P.Teja Abhilash
38	B20CE114	Impact of digging on roads and its management	SDG 9, SDG 11	Sri. P.Teja Abhilash
39	B20CE118	Geotextiles for soil stabilization	SDG 9, SDG 12	Ms.K.Manasa
40	B20CE119	Desalination of water and cloud seeding	SDG 6, SDG 13	Ms.K.Manasa
41	B21CE137L	3d printing in constitution	SDG 9	Ms.K.Manasa
42	B21CE138L	Preparation of concrete using gold mine waste	SDG 9, SDG 12	Ms.K.Manasa
43	B21CE139L	Analysis of Light weight concrete	SDG 9, SDG 12	Ms.K.Manasa
44	B21CE140L	Sustainable development of sugarcane bagasse bricks	SDG 9, SDG 12	Smt. B.Sravanthi
45	B21CE141L	Partial replacement of cement with egg shell powder in concrete	SDG 9, SDG 12	Smt. B.Sravanthi
46	B21CE142L	Durability study of concrete using foundry waste sand	SDG 9, SDG 12	Smt. B.Sravanthi
47	B21CE143L	Construction of artificial islands	SDG 9, SDG 14	Smt. B.Sravanthi
48	B21CE144L	Intelligent building systems and Neuroarchitecture	SDG 9, SDG 11	Smt. B.Sravanthi
49	B21CE145L	Steel slag road construction in surat	SDG 9, SDG 12	Smt. B.Sravanthi
50	B21CE146L	Bacterial Concrete solution for concrete maintenance	SDG 9, SDG 12	Smt. B.Sravanthi
51	B21CE147L	Study on Self-compacting concrete	SDG 9, SDG 12	Smt. B.Sravanthi
52	B21CE148L	Straw bale technology in construction	SDG 9, SDG 12	Dr. M. B. Sushma
53	B21CE149L	Advance techniques of concrete curing	SDG 9, SDG 12	Dr. M. B. Sushma
54	B21CE150L	Modern transport system in India	SDG 9, SDG 11	Dr. M. B. Sushma
55	B21CE151L	Fiber reinforced concrete	SDG 9, SDG 12	Dr. M. B. Sushma
56	B21CE152L	Effect of climate change on construction industry	SDG 9, SDG 13	Dr. M. B. Sushma



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57	B21CE153L	Uses Of Multi Recycled Concrete Aggregates For Sustainable Substances	SDG 9, SDG 12	Dr. M. B. Sushma
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