

**ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES::RAJAMPET**  
**(AN AUTONOMOUS INSTITUTION)**  
**DEPARTMENT OF CIVIL ENGINEERING**

UG-PROJECTS:2022-2023

**IV B.Tech- A Section**

Batch. No	Name of the project Guide	Roll. No	Title of the project
1.	Mrs NR Gowthami	19701A0120	Prediction of mechanical properties of conventional and high strength concrete using Artificial Neural networks
		19701A0114	
		19701A0113	
		19701A0116	
		17701A0115	
		19701A0111	
2.	Mrs K Rashmi	19701A0132	Analysis of characteristics of water in Rayalaseema zone
		19701A0126	
		19701A0129	
		19701A0136	
		18701A0173	
		19701A0137	
3.	Mr B Raghunatha Reddy	19701A0149	An experimental investigation on partial replacement of cement, fine aggregate and coarse aggregate by marble dust powder, roof tile waste and marble pieces
		19701A0141	
		19701A0105	
		19701A0151	
		19701A0145	
4.	Dr T Naresh Kumar	19701A0131	Cost estimation of residential building elements using Python Programming Language
		19701A0127	
		19701A0101	
		19701A0146	
		17701A0121	
5.	Dr SMV Narayana	19701A0118	Effect of glass fibers on strength properties of concrete
		19701A0107	
		19701A0147	
		19701A0115	
		19701A0106	

		19701A0133	
6.	Mr D Madhu sudhan Reddy	19701A0110	Comparison of Runoff computed by Strange's table, Dry damp wet method SCSN method
		19701A0117	
		19701A0122	
		19701A0148	
		19701A0140	
7.	Dr D Gouse Peera	19701A0112	Ground water prospects zonation using: Remote sensing &GIS
		19701A0108	
		19701A0102	
		19701A0109	
		19701A0128	
8.	Mr V Haneef	19701A0123	An experimental study on Geo polymer concrete by using fly ash and alkaline liquids
		19701A0124	
		19701A0142	
		19701A0139	
		19701A0138	
9.	Dr. D Sreenivasulu	19701A0104	Trend analysis of Krishna river basin at selected sites of gauging stations
		19701A0152	
		19701A0125	
		19701A0143	
		18701A0152	
10.	Mr S Venkata Vara Prasad	19701A0130	Stabilization of block cotton soil by Rice husk ash
		19701A0103	
		19701A0134	
		19701A0150	
		18701A0125	

*Reddy*

Signature of UG-Coordinator

*ASB*  
Signature of HOD-CE

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**IV B.Tech- B Section**

Batch.No	Name of the project Guide	Roll. No	Title of the project
1	Dr T Naresh Kumar	20705A0125	Influence of Hallosite nano clay tubes on strength properties of concrete
		20705A0136	
		20705A0115	
		20705A0110	
		20705A0130	
2	Mr K Vishnu Vardhan	20705A0131	Experimental investigation on durability properties of hallosite nano clay cement composites
		20705A0145	
		20705A0137	
		20705A0114	
		20705A0122	
3	Mr A Anil Kumar	20705A0108	Experimental investigation on mechanical and durability properties of ferrock based concrete
		20705A0101	
		20705A0128	
		20705A0121	
4	Dr. D Sreenivasulu	20705A0123	Investigation on infiltration studies at selected sites near AITS campus Rajampet
		20705A0104	
		20705A0102	
		20705A0144	
5	Dr D Gouse Peera	20705A0109	Delineation of groundwater potential zones by using remote sensing and GIS
		20705A0139	
		20705A0103	
		20705A0119	
	Dr SMV Narayana	20705A0118	

6.	Ms K Rajitha	19705A0156	study on mechanical properties of M40 grade concrete by partial replacement of cement with carbon fibers and coarse aggregate with Pumice stone
		19705A0141	
		19705A0144	
		18701A0148	
7.	Dr D Sreenivasulu	19705A0127	A Comparative study of infiltration rate of selected sites
		19705A0165	
		19705A0148	
		19705A0132	
		19705A0135	
8.	Dr D Sreenivasulu	19705A0127	A Comparative study of infiltration rate of selected sites
		19705A0165	
		19705A0148	
		19705A0132	
		19705A0135	
9.	Dr T Narseh Kumar	18701A0157	Influence of Graphene oxide in cement mortar
		18701A0169	
		18701A0145	
		19705 A0164	
		19705A0168	
		18701A0151	
10.	Dr D Sreenivasulu	18701A0174	Investigation on the streamflow at selected gauging stations of Godavari river
		18701A0176	
		19705A0155	
		18701A0161	
		18701A0149	
11.	Dr SMV Narayana	18701A0163	Cement replacement by nano magnesium Oxide and nano barytes
		19705A012	
		18701A0171	
		19705A0142	



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**UG-PROJECTS:2022-2023**

**IV B.Tech- C Section**

Batch.No	Name of the project Guide	Roll. No	Title of the project
1.	Dr.SMV. Narayana	20705A0152	An experimental Evaluation of durability properties of glass fiber reinforced concrete
		20705A0164	
		20705A0162	
		20705A0159	
		20705A0166	
2.	Dr. D Sreenivasulu	20705A0153	Laboratory investigation on the strength properties of top mix permeable concrete
		20705A0179	
		20705A0154	
		20705A0160	
		20705A0175	
3.	Mr B Raghunatha Reddy	20705A0157	Customization of rapid sand filter by using discrete materials
		20705A0170	
		20705A0146	
		20705A0151	
4.	Mrs NR Gowthami	20705A0168	Effect of usage of the diatomite powder and Polypropylene fibers as partial replacement of cement in concrete
		20705A0173	
		20705A0161	
		20705A0183	
5.	Mr S Venkata Vara Prasad	20705A0167	The effect of wind loads and earth quake loads on multi storied buildings using STAAD PRO
		20705A0182	
		20705A0188	
		20705A0165	
	Mr T Naresh Kumar	20705A0147	

6.		20705A0163	Effective utilization of construction materials for a project
		20705A0156	
		20705A0148	
7.	Mr V Haneef	20705A0174	Analytical study of quality of water at different industrial place samples(Uranium factory, Beer and cotton factories)
		20705A0186	
		20705A0177	
		20705A0176	
8.	Mrs K Rashmi	20705A0149	Assessment and comparative study of drinking water quality of Rajampet town
		20705A0178	
		20705A0169	
		20705A0150	
9.	Dr D Gouse Peera	20705A0171	Find out the ground water potential zones for the river basin using the GIS and Remote sensing
		20705A0172	
		20705A0180	
		20705A0155	
		20705A0158	
10.	Dr T Naresh Kumar	20705A0185	An experimental investigation of concrete using vermiculite as partial replacement of fine aggregate
		20705A0184	
		20705A0187	
		20705A0181	
		20705A0112	



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