



National Education Society ®
JAWAHARLAL NEHRU NEW COLLEGE OF ENGINEERING SHIVAMOGGA
DEPARTMENT OF CIVIL ENGINEERING



INDUSTRY SPONSORED AND FUNDED RESEARCH PROJECTS

S. No	Year	Project Title	Principal Investigator	Funding Agency	Amount (Rs.)	Duration	Status
1	2025-26	Development of road permeability test for both laboratory and field	Dr. Arun V Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	20,000	1 Year	Ongoing
2	2025-26	WHA Geopolymer Concrete	Dr. Neeraj S.N. Associate Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Ongoing
3	2025-26	Bioenzymed Stabilized soil for Roads	Dr. Arun V and Mr. Anirudh N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Ongoing
4	2024-25	Laboratory evaluation of SMA mixes containing RAP material	Dr. Raghuram K. C., Associate Professor, Civil Engineering Department, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	4000	1 year	Completed
5	2024-25	Prediction of soil physical and chemical properties by VIS- near IR spectroscopy in Shimoga district	Mrs. Chaya D. Y. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	4,500	1 year	Completed

S. No	Year	Project Title	Principal Investigator	Funding Agency	Amount (Rs.)	Duration	Status
6	2023-24	Experimental Study on Class 1 Bricks Manufacturing by using various Industrial and Agro Wastes	Dr. Neeraj S.N. Associate Professor, Civil Engineering Department, JNNCE Shivamogga	Karnataka State Council for Science and Technology	5000	1 year	Completed
7	2022-23	Cost Effective Estimation of Hydrophobic Sand at the Field Scale	Mrs. Chaya D. Y. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	Karnataka State Council for Science and Technology	5000	1 year	Completed
8	2021-22	JNN Spraying Machine for Arecanut and Black Pepper	Dr Karthika B.S Professor and Head, Dept of Civil Engineering, JNNCE Shivamogga	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	35,000	8 months	Completed
9	2021-22	Field Investigation of cold pothole patching mix for pavements	Mr. Arun V and Mr. Anirudh N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	30,000	8 months	Completed
10	2021-22	Laboratory Study of Terrazyme Stabilized Soil for Pavements	Mr Arun V, Mrs Bindya K, and Mr Sreenivasa V, Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	Avijeet Agencies (P) Ltd. Chennai	2,50,000	10 Months	Completed
11	2021-22	MSW management strategy for waste minimization and vehicle routing using Web-interface	Dr. Sughosh P, Assoc. Professor and Mr. Dattatreya S B, Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed

S. No	Year	Project Title	Principal Investigator	Funding Agency	Amount (Rs.)	Duration	Status
12	2021-22	Laboratory Investigation on Composite Pavement	Mr. Anirudh N. and Mr. Arun V. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
13	2021-22	Development of a cold bituminous mix for roads	Mr. Arun V and Mr. Anirudh N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
14	2020-21	Natural bio-adsorbents and coagulants for removal of heavy metals from contaminated water	Dr. Sughosh P, Assoc. Professor and Mr. Shashikumar M H, Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
15	2020-21	Development of microbial consortia for composting of biomass residue	Dr. Sughosh P, Assoc. Professor, Dept. of Civil Engg. JNNCE	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
16	2020-21	Null cement concrete	Mr. Bhuvan Kumar V.S Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
17	2020-21	Kerb Side Parking Management using Smart Mats	Mrs. Akshatha M Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed

S. No	Year	Project Title	Principal Investigator	Funding Agency	Amount (Rs.)	Duration	Status
18	2020-21	Development of a Readymade pothole mix for distressed pavements	Mr. Arun V and Mr. Anirudh N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
19	2018-19	BIONIX	Kanchana H J Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
20	2018-19	“Usage of steel slag for bituminous concrete”	Mr. Anirudh N. and Mr. Arun V. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 4	3,00,000	1 Year	Completed
21	2018-19	“Concrete Fabrics / Canvas”	Mr. Neeraj S N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 4	3,00,000	1 Year	Completed
22	2018-19	“Pervious Concrete for Paver Blocks & Slabs”	Mr. Neeraj S N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,45,000	1 Year	Completed
23	2018-19	“Hydrophobic sand to combat water scarcity in irrigation”	Mrs. Chaya D. Y. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	Centre for Agricultural and Rural Technologies (CART)	25,000	1 Year	Completed

S. No	Year	Project Title	Principal Investigator	Funding Agency	Amount (Rs.)	Duration	Status
24	2017-18	“Evaluation of Bituminous mixes using waste plastic”	Mr. Raghuram K. C. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 3	2,00,000	2 Year	Completed
25	2017-18	“Steel Fibre Reinforced Cement Concrete”	Mr. Raghuram K. C. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 3	2,00,000	2 Year	Completed
26	2016-17	“Pervious Concrete for Paver Blocks”	Mr. Neeraj S.N. Assistant Professor, Civil Engineering Department, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 2	3,00,000	2 Year	Completed