



**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	2024-25	Laboratory evaluation of SMA mixes containing RAP material	Dr. Raghuram K. C., Associate Professor, Civil Engineering, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	4000	1 year	Ongoing
2	2024-25	Prediction of soil physical and chemical properties by VIS- near IR reflectance spectroscopy in Shimoga and Davangere district	Mrs. Chaya D. Y. Asst Professor, Civil Engineering, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	4,500	1 year	Ongoing
3	2022-23	JNN Spraying Machine for Arecanut and Black Pepper	Dr. Karthika B.S Professor and Head, Dept of Civil Engineering, JNNCE Shivamogga & Dr. Hemanth Kumar, Asst Professor. Dept of MCA. JNNCE	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	35,000	8 months	Completed
4	2022-23	Field Investigation of cold pothole patching mix for pavements	Mr. Arun V and Mr. Anirudh N. Asst Professor, Civil Engineering, JNNCE Shivamogga.	Karnataka Science and Technology Academy (Department of Science & Technology, Government of Karnataka)	30,000	8 months	Completed

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5	2021-22	Laboratory Study of Terrazyme Stabilized Soil for Pavements	Mr Arun V, Mrs Bindiya K, & Mr Sreenivasa V Asst. Professor, Dept. of Civil Engg, JNNCE Shimoga	Avijeet Agencies (P) Ltd. Chennai	2,50,000	10 Months	Ongoing
6	2021-22	MSW management strategy for waste minimization and vehicle routing using Web-interface	Dr. Sughosh P, Assoc. Professor and Mr. Dattareya S B, Asst. Professor, Dept. of Civil Engg, JNNCE Shimoga	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
7	2021-22	Laboratory Investigation on Composite Pavement	Mr. Anirudh N. and Mr. Arun V. Asst Professor, Civil Engineering, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
8	2021-22	Development of a cold bituminous mix for roads	Mr. Arun V and Mr. Anirudh N. Asst Professor, Civil Engineering, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
9	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, Asst. Professor, Dept. of Civil Engg, JNNCE Shimoga	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed

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10	2020-21	Development of microbial consortia for composting of biomass residue	Dr. Sughosh P, Assoc. Professor, Dept. of Civil Engg. and Mr. Chethan S G, Asst. Professor, Dept. of Chemistry Engg, JNNCE Shimoga	NewGen Innovation, Entrepreneurship Development Centre (NewGen IEDC)	2,50,000	1 Year	Completed
11	2020-21	Null cement concrete	Mr. Bhuvan Kumar V.S Asst Professor, Civil Engineering, JNNCE Shivamogga	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
12	2020-21	Kerb Side Parking Management using Smart Mats	Mrs. Akshatha M Asst Professor, Civil Engineering, JNNCE Shivamogga	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
13	2020-21	Development of a Readymade pothole mix for distressed pavements	Mr. Arun V and Mr. Anirudh N. Asst Professor, Civil Engineering, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
14	2018-19	BIONIX	Kanchana H J Asst Professor, Civil Engineering, & Mallesh Kumar K S Project Manager JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,50,000	1 Year	Completed
15	2018-19	“Usage of steel slag for bituminous concrete”	Mr. Anirudh N. and Mr. Arun V. Asst Professor, Civil Engineering, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 4	3,00,000	1 Year	Completed

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16	2018-19	“Concrete Fabrics / Canvas”	Mr. Neeraj S N., Asst Professor, Civil Engineering, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 4	3,00,000	1 Year	Completed
17	2018-19	“Pervious Concrete for Paver Blocks & Slabs”	Mr. Neeraj S N. Asst Professor, Civil Engineering, JNNCE Shivamogga.	NewGen Innovation, Entrepreneurship Development Centre(NewGen IEDC)	2,45,000	1 Year	Completed
18	2018-19	“Hydrophobic sand to combat water scarcity in irrigation”	Mrs. Chaya D. Y. Asst Professor, Civil Engineering, JNNCE Shivamogga.	Centre for Agricultural and Rural Technologies (CART)	25,000	1 Year	Completed
19	2017-18	“Evaluation of Bituminous mixes using waste plastic”	Mr. Raghuram K. C. Asst Professor, Civil Engineering, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 3	2,00,000	2 Year	Completed
20	2017-18	“Steel Fibre Reinforced Cement Concrete”	Mr. Raghuram K. C. Asst Professor, Civil Engineering, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 3	2,00,000	2 Year	Completed
21	2016-17	“Pervious Concrete for Paver Blocks”	Mr. Neeraj S.N. Asst Professor, Civil Engineering, JNNCE Shivamogga.	New Age Incubation Network, Govt. of Karnataka. NAIN Batch – 2	3,00,000	2 Year	Completed