

Centre of Excellence


1. Center For Advanced Research in Environment and Remote Sensing (CAREER)




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 **Dr. M.G.R. EDUCATIONAL AND RESEARCH INSTITUTE**
(Deemed to be University)
Madhavaram, Chennai - 600 030, India
Established in 1982

 **ISRO**
National Remote Sensing Centre
Indian Space Research Organisation
ISRO/NSC/ISRO

Government of India
National Remote Sensing Centre
Indian Space Research Organisation
ISRO/NSC/ISRO

ORV Sagar Manjusha Cruise Report
Bay of Bengal



9-13 July 2024
Dr.M.G.R Educational & Research Institute
National Remote Sensing Centre - ISRO





Students participated in ECSA-NRSC for Sagar Manjusha Cruise with Professor Dr.RM.Narayanan

2. Advanced Structural Engineering Research Institute (ADSERIN)



ADSERIN

3. Centre for excellence in Construction Practices



CoE in Construction Practice

TRAINING TO LABOURS BY THE STUDENTS



CENTRE CONNECTED WITH STUDENT'S CONCRETE CLUB

To promote innovative thinking in the minds of budding engineers and to make the department a excellence in the field of Concrete Technology of Civil Engineering. To provide knowledge base and moral autonomy to address regional, national and international needs of Concrete in Civil Engineering



SEMINAR



GUEST LECTURE



LAB DEMOS.



INDUSTRIAL VISIT



MODEL EXPO.



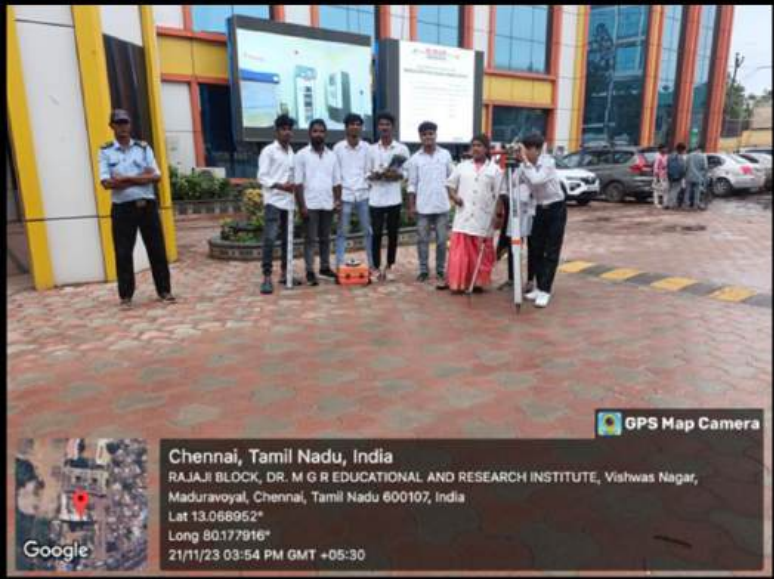
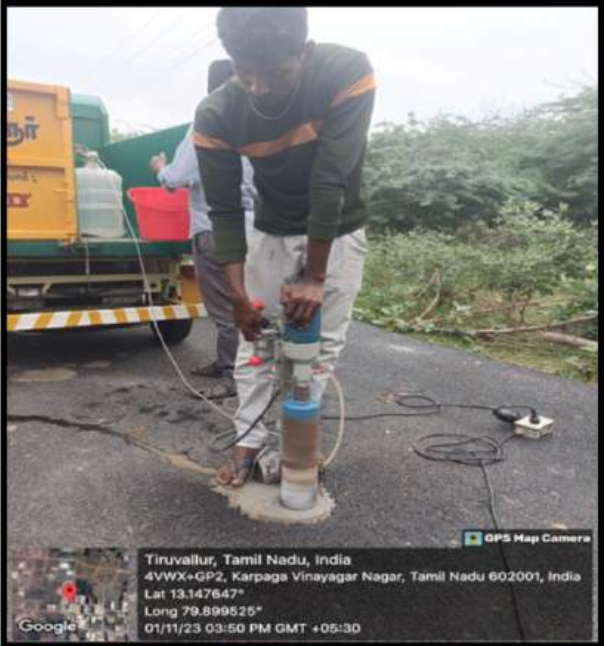
AWARENESS PROGRAMME

Training Program for labours by Students

Government Consultancy works undertaken by the Department





























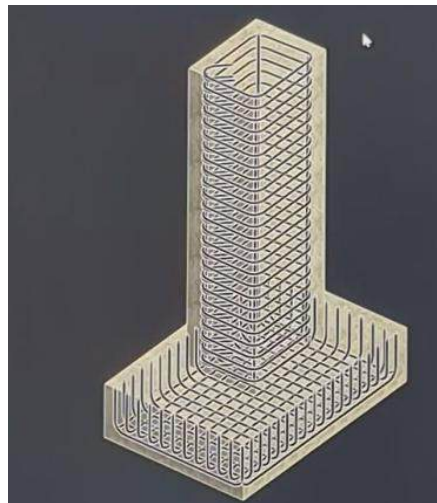
Student innovative projects



3D printed concrete bench



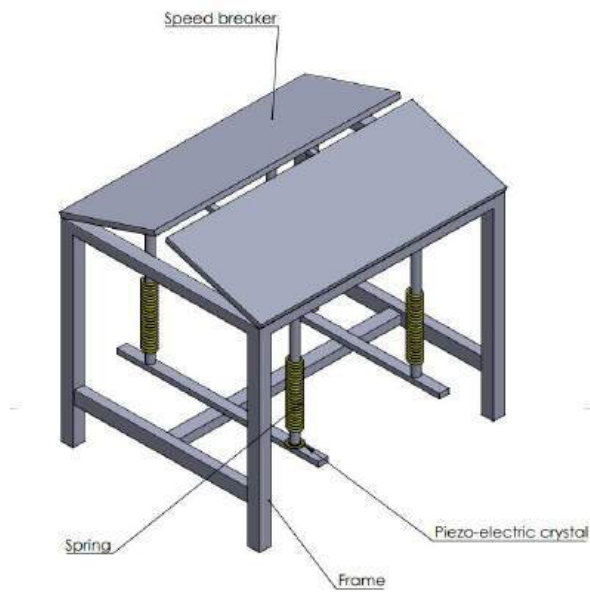
3D Printed Cover blocks



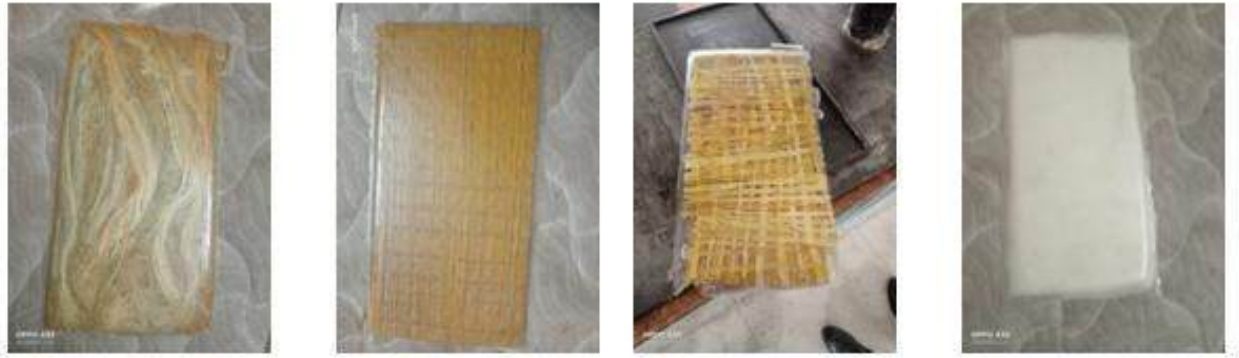
RCC Building Model in Revit Structure



Beam & Column Reinforcement View



Fabrication of speed breaker power generation – (piezo crystal)



Natural fibres as composite material for aesthetic appearance of building interiors

Skill training



Industry assisted skill training for advanced Surveying



Survey Camp at Kundrathur Hills

Industrial visits



SLMCH Construction site, Adayalampattu Chennai



Structural Engineering Research Centre



Integral Coach Factory



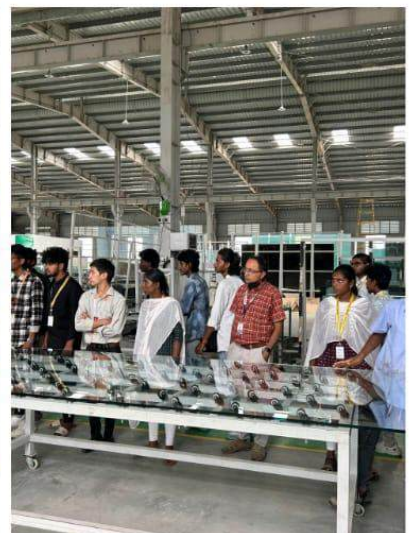
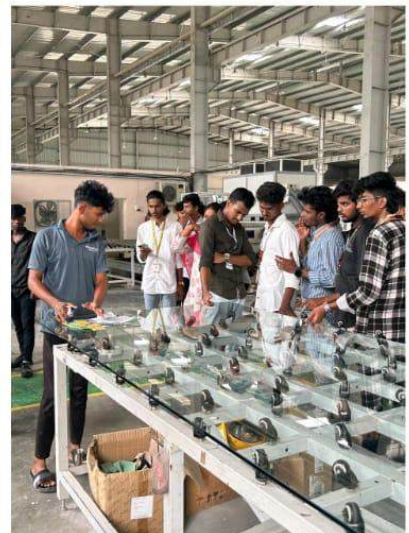
Chembarambakkam Treatment plant



Structural Engineering Research Centre



Sewage Treatment Plant – Nesapakkam



Green Tuff glass factory



Students mobility program ar MAHSA University, Malaysia



IOCL LPG bottling plant, Padalam PO, Kolambakkam(Village)





KAG Tiles Showroom



SLMCH Construction site, Adayalampattu Chennai



Education tour - Ungku Omar polytechnic, Malaysia



Educational tour – Bengaluru & Mysuru

Teaching learning methodologies



ICT tools for teaching



Experiential learning



Subject Lecture by Experts



Interactive Learning Method



Display of geological findings



Cruise travel by final year students



Case Study- Chennai Metro Rail Project



Case Study- Perungudi Sewage Treatment Plant



Survey camp



Practical learning