

DEPARTMENT OF CIVIL ENGINEERING

KARUNYA INSTITUTE OF TECHNOLOGY AND SCIENCES

Diary 2019-20



Building lives since 1986

Memorandum of Agreement with Industries



M/s Pollucare Engineering Pvt Ltd, Chennai

KARUNYA INSTITUTE OF TECHNOLOGY & SCIENCES



M/s Capital Engineering Consultancy, LLC, Sharjah

Alumni Conclave 7th Sep 2019

Er. Jebastin (1986-90 batch)

Managing Director

M/s Petra Developers, Courtallam

Er. Aravind Arockiaraj (1991-95 batch)

Managing Director

M/s Salvika Water Proofing, Chennai

Er. Gnanaseelan (1987-91 batch)

COO,

M/s Brigade Towers, Chennai

Er. Venkat Veeresh (1992-96 batch)

Managing Director

M/s Ray Contractors, Hyderabad



Interaction with Industry Experts

Er. Nagarajan

M/S Shapoorji & Paloonji, Chennai

Conducted Mock Interview for Final year students



Dr. Rajasekhar Malur

CTO, Tata Consulting Engineers, Bangalore

Interacting with Faculty on Laboratory Modernization



International Visitors to the Department

Mr. Aird Jordan, Senior International Officer

*Dr. Kaushal Keraminiyage, School of Science, Engineering
and Environment*

University of Salford, Manchester, United Kingdom

10th Feb 2020

Discussion : Collaboration on Natural Disaster Mitigation



KARUNYA INSTITUTE OF TECHNOLOGY & SCIENCES



Dr. Sharan Asundi,

*Professor, Aerospace Department
Old Dominion University, USA*

8th Jan 2020

Discussion :

Establishment of Earth Station at KITS

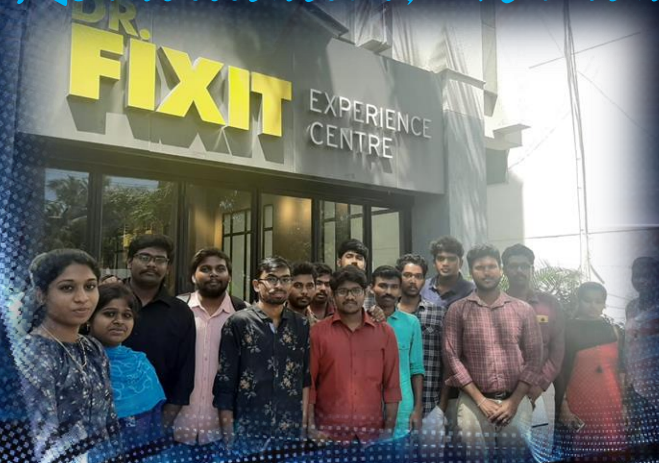
Dr. Fixit Institute of Structural Protection & Rehabilitation, Mumbai

❑ Lecture on “ Waterproofing Materials” by Dr. Tirtha Pratim

Banerjee, Head, and Ms. Seema, Mumbai on 13th Sep 2019.

❑ MTech structures students visit to Dr. Fixit Experience Centre,

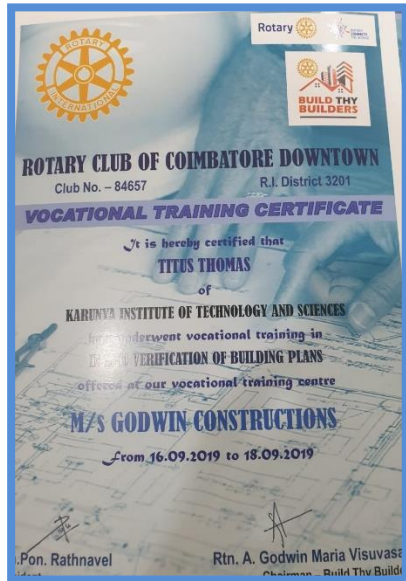
Chennai on 27th Sep 2019.



Training students

Vocational Training by M/s Godwin Constructions, Coimbatore

No of days of Training : 3 days
No of Students trained : 10



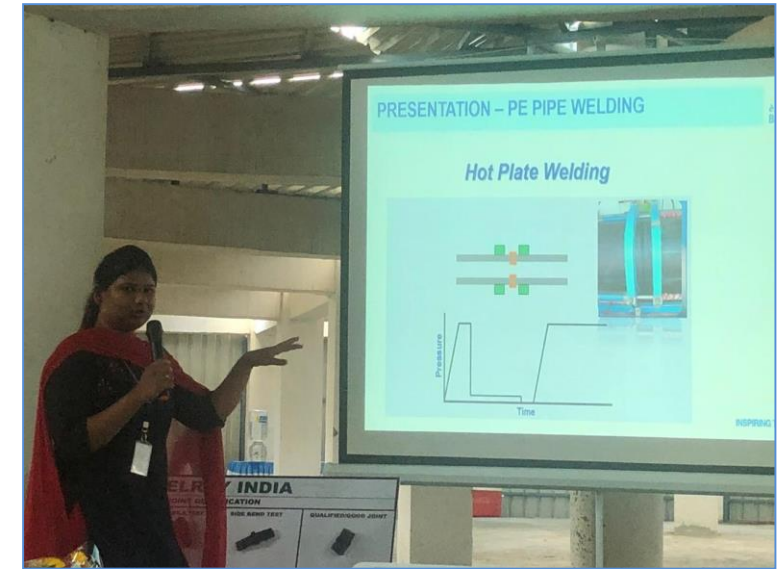
Local Site Visits to understand the reinforcement details, RMC, construction practices etc.



FIELD VISITS/ INDUSTRIAL VISITS



MTech Environmental & Water Resources Students Training at SUEZ, Coimbatore



Industrial Visit to ATREE, Bangalore





**Mr. C. Daniel & Dr. Joel Shelton,
PhD scholars
at
International Conference on
Innovation for Sustainable
Infrastructure, Vietnam**

STUDENTS INTERNSHIP ABROAD

**1 B.Tech student @
Maatasa Star Building
Contracting LLC Dubai
Jan – April 2020**

**2 B.Tech students @
M/s Capital Engineering
Consultancy, Sharjah
Jan – April 2020**



**7 B.Tech & 1 MTech Structures student @
University of British Columbia, Canada, Jan – April 2020**



Mr. Chris Dalmia, IV Civil at Iran July – Sep 2019 through IAESTE



ASSESSMENT OF URBAN HEATING IN CHENNAI CITY

AHMED ALSALMI
DR. J. BREMA
KARUNYI INSTITUTE OF
TECHNOLOGY AND
SCIENCES
(DEEMED-TO-BE-
UNIVERSITY)

IAESTE Intern

Ahmed Khalid Yahya Al Salmi
College of Engineering,
Sultan Qaboos University,
Oman

Workshops organized



- ☐ **Drone Surveying and Mapping Using Bentley Context capture**
AVIOCIAN Technologies Pvt.Ltd. New Delhi
9th Dec – 11th Dec 2020
- ☐ **Hydrogeochemical Analysis and Groundwater Flow and Contaminant Transport Modeling**
12th Dec -13th Dec 2020
- ☐ **Pico-Nano-Micro (PNM) Satellites** , Dr. Sharon Asundi, University of Old Dominion, 8th Jan 2020
- ☐ **Modelling in 3D Studio Max**, Creative Image Education, Coimbatore , 28th Jan 2020- 29th Jan 2020



C-festa 2020

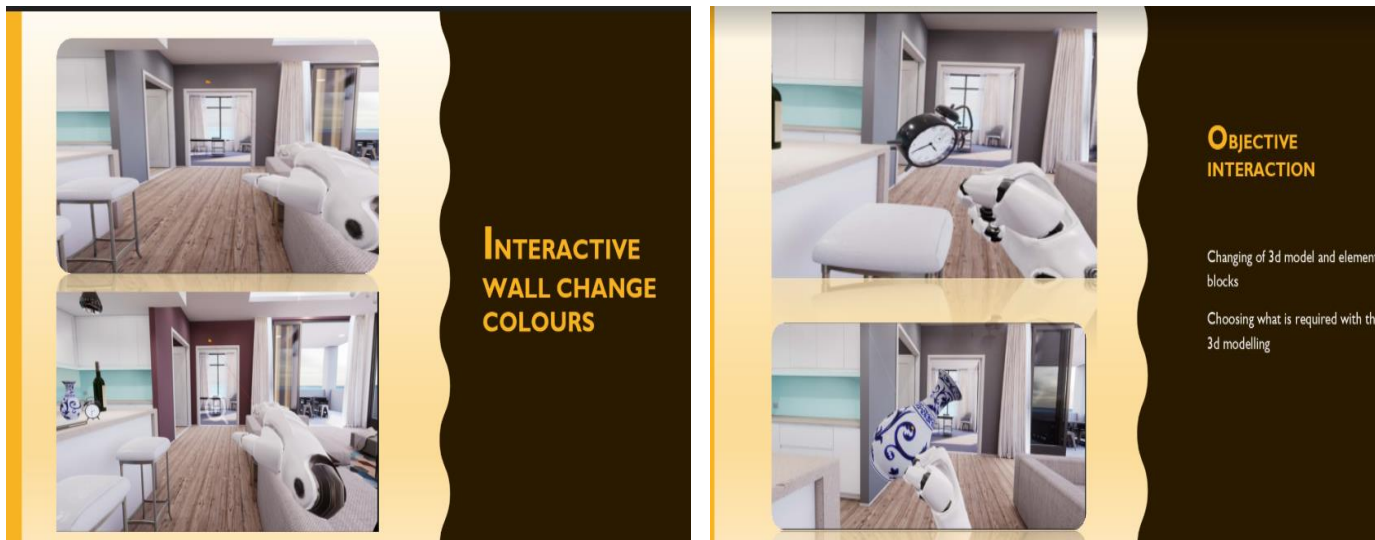
Food-Water- Energy-Health



PROJECT BASED LEARNING

S. No.	Type	Number of projects
1	Industry Oriented	21
2	Technology Based	4

VR Architectural Visualization For Architects And Interior Designers By Hans Kumar UL16CE005



AI based energy optimization and security for smart buildings By John E (UR16CE025)

1 To implement the basic IOT platform using esp8266 or esp32 development boards and raspberry pi

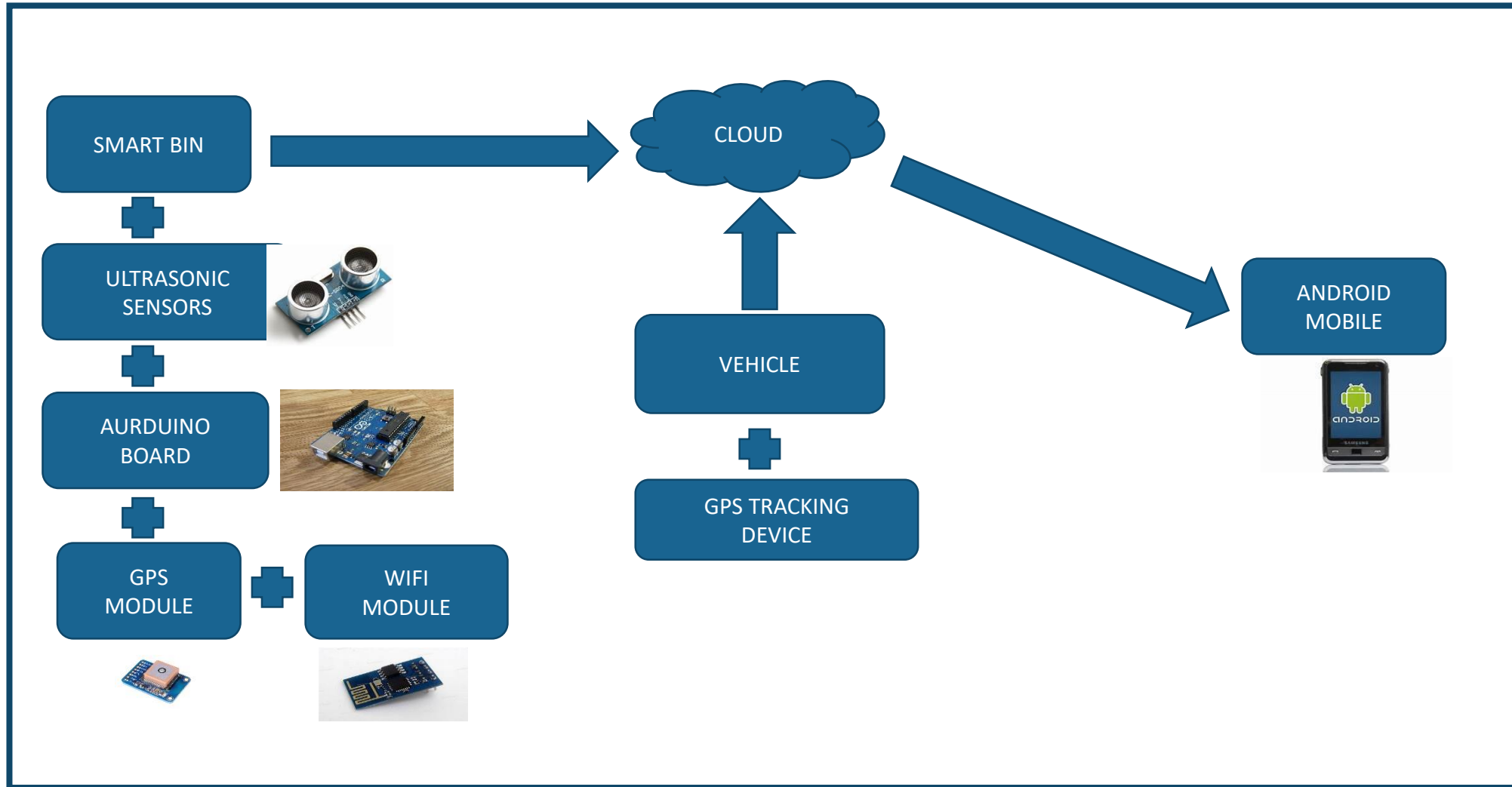
2 To find and implement the optimal database system for data storage and retrieval

3 To Implement facial recognition system for security and moment tracking

4 To develop and implement a AI for trend analysis and optimization

5 To Implement a user interface for monitoring

IoT Based Waste Collection



PLACEMENTS

Total Offers: 43

SI No	Name of the Company	Position	Salary Package	No of Students Placed
1	Ray Contractors, Hyderabad	Site Engineer-Trainee	1.8 lakh	20
2	Prime Urban Developers Ltd	Site Engineer- Executive	2.5 lakh	3
3	Milekal Engineering, Hyderabad	Business Development Executive	2.5 lakh	1
4	Archoholics, Bangalore	Site Engineer	1.5 lakh	1
5	GLOINNT Solutions Pvt. Ltd. Bangalore	GIS Engineer	2.4 lakh	7
7	Maatasa Star Building Contracting LLC Dubai	Site Engineer-Trainee	52000 DHS (10.5 lakh)	1
8	Century Constructions, Kottayam	Site Engineer-Trainee	2.4 lakh	2
9	Sri Harsha Builtech P Ltd, Puduchery	Site Engineer	3.0 lakh	1
9	IBM Tech Support, Bangalore	Technical Support Associate	3.2 lakh	1
10	Byjus Think and Learn	Business Development Associates	10 lakh	1
11	Accenture	Software Engineer	4.5 lakh	2
12	Vserve Solutions , Coimbatore	Customer Support Executive	1.85 lakh	3
	Total Placements			43

CORPORATE TRAINING FOR TWAD ENGINEERS ON WASTE WATER TREATMENT ON 28.02.2020



FACULTY CONTRIBUTIONS/INTERACTIONS

Contribution	Number
Guest Lecture/Resource Person	14
Member in Editorial Board	4
Membership in Professional Bodies	2
National/International Visit to other Laboratories/Industries/Institution	3
Publication in Scopus indexed journals	59
Participation(Conference, Workshop, Seminar, FDP etc.,)	25
Completion of online course	4
Book/ Book Chapter	4
Consultancy	42.64 lakh
No. of PhD completed	6

Dr. Gajendran , Associate Professor

Facilitated in setting of
E-learning and certificate courses to the students and faculties,
Indian Institute of Remote Sensing



**Prof, E J James
&
Dr. Vincent Sam
Jebadurai, Assistant
Professor**

**Visit to Israel
Universities namely,
Bengurion University,
Technion University,
Tel-Aviv University**

Jan 2020



Prof. E. J. James, Dr. Prince Arulraj, Dr. J. Brema, Dr. P. Jegathambal, Mr. Ruban
Consultancy Activity: Hydro-ecological assessment for management of integral parts
of Point calimere Ramsar site, GIZ (German Development Cooperation), MoEF-CC

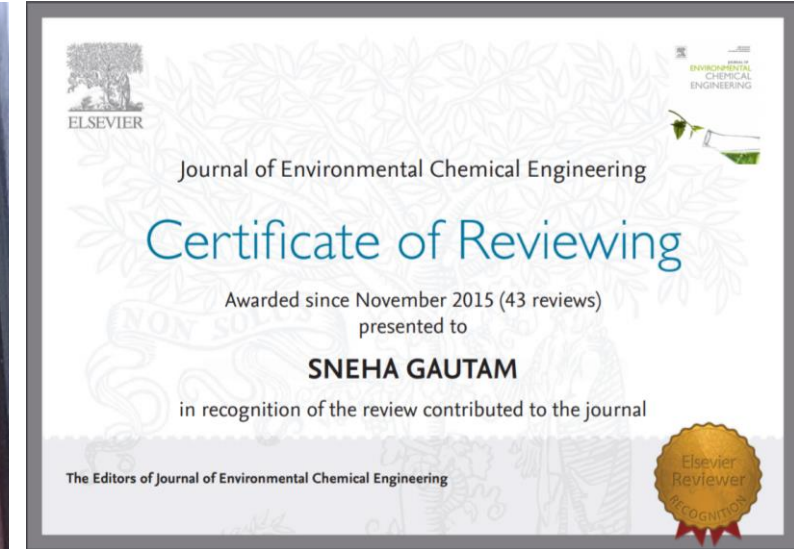
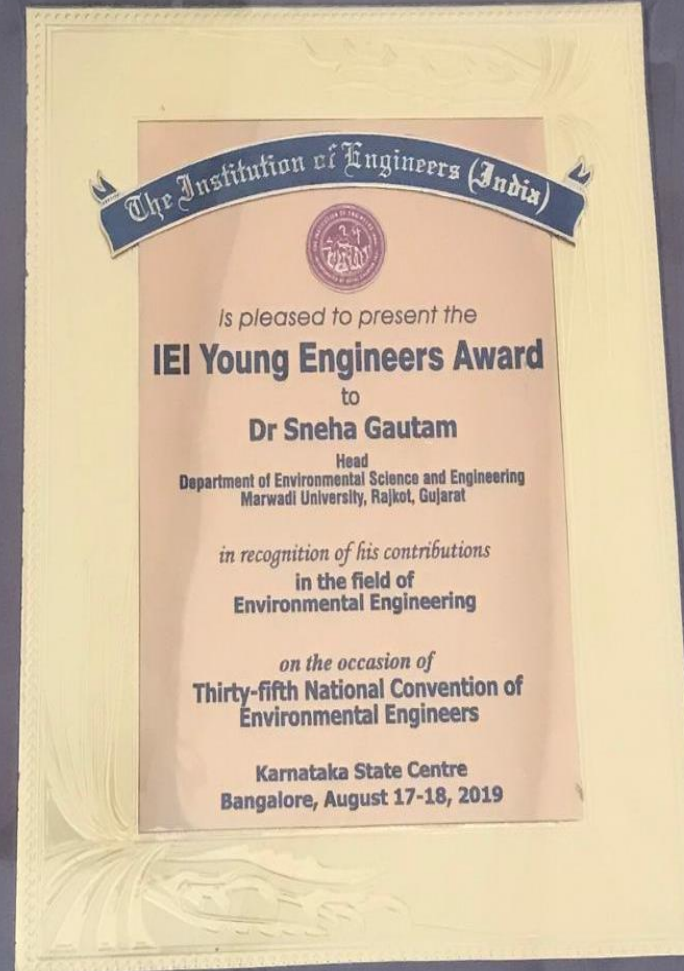
**Dr. G. Hemalatha
with
Dr. Sandeep Verma**

**Secretary
Science and
Engineering
Research Board**

Dec 2020



Dr. Sneha Gautam, Assistant Professor Receiving IEI Young Engineers Award





**Mr.Arun Solomon
to
Dr. Arun Solomon
on**

6th Jan 2020



**Mr. Christopher Gunasingh, Assistant Professor
In collaboration with SEESHA, involved in construction of
PHC at flood affected areas of Kerala**

Glimpses of Parents meet 2020



DEPARTMENT OF CIVIL ENGINEERING

presents

ANNUAL STUDENT RETREAT 2020

Priorit

GOD GAVE YOU
A FUTURE
DO YOUR BEST
SO YOU CAN
LEAVE AN IMPRESSION
ON GOD'S KINGDOM



We Prioritize



*Karunya at its best during Monsoon
Come & Enjoy*