

**Aarupadai Veedu Institute of Technology, Chennai
Vinayaka Mission's Research Foundation
(Deemed to be University)**

REPORT – INNOVATIVE PROJECTS DISPLAY

9.4.2018

An innovative projects display of all departments of AVIT has been organized on 9.4.2018 at Innovative Projects display Hall at Bharathiyar Block, AVIT campus. **Mr. Hareesh Janakiraman, Microcontroller Application Engineer, Texas Instruments, Houston, USA** was the chief guest. The innovative projects from Biotech, CSE, Civil, ECE, EEE and Mechanical were exhibited. The innovative projects department coordinators Dr. Karthiga, Ms. Vijila, Ms. Nazneen, Mr. Gopinath, Mr. Bubeshkumar coordinated with their department student members and they explained about the various project exhibits. Mr. Hareesh keenly observed each innovation and appreciated the student talents. Prof. d. Vijendrababu, Vice Principal (Academics) & Head/ECE has accompanied with the chief guest in the evaluation of the projects. Dr. L.K.Hema, Associate Professor/ECE coordinated the event.





LIST OF INNOVATIVE PROJECTS

Sl. No.	TITLE OF THE PROJECT	DEPARTMENT
1.	BACTERIA IN MILK AND BEEF LINKED TO RHEMATOID ARTHRITIS	BIOTECH
2.	EXTRACTION OF BIO FUEL FROM ALGAE	BIOTECH
3.	BIOTECHNOLOGY TO FIGHT AIR POLLUTION	BIOTECH
4.	REDUCTION OF NITRATES OVER INDIUM-DECORATED PALLADIUM AS CATALYST	BIOTECH
5.	WASTE WATER TREATMENT PLANT	BIOTECH
6.	EARTHQUAKE RESISTANCE STRUCTURE FOR BUILDING THROUGH BALL FOUNDATION	CIVIL
7.	PRINCIPLE AND WORKING OF HYDRAULIC BRIDGES	CIVIL
8.	STRENGTH AND BEHAVIOR OF CONCRETE USING	CIVIL

	CERAMIC WASTE AND GLASS AS AN AGGREGATE.	
9.	HYDRAULIC BRIDGE DESIGN	CIVIL
10.	PERFORMANCE EVALUATION OF CONCENTRICALLY BRACED MEMBERS ON STEEL FRAMES UNDER INDIAN SEISMIC CONDITIONS	CIVIL
11.	ONLINE AADHAR VOTING SYSTEM USING BIOMETRICS	CSE
12.	DETERMINING THE SCHOOL STUDENTS STRESS FACTORS USING FUZZY ANALYTICAL HIERARCHY PROCESS	CSE
13.	MONITORING EB METER READING USING CLOUD	CSE
14.	PROTOTYPE FOR HELPING VISUALLY IMPAIRED IN READING TEXT	CSE
15.	COMATOSE PATIENT HEALTH MONITORING GLOVES	ECE
16.	HEXAPOD ROBOT DYNAMICS	ECE
17.	TOOTH PRESSURE SENSOR MEASUREMENT	ECE
18.	BRAIN MACHINE INTERFACE WITH ARDUINO	ECE
19.	ARDUINO BASED BLUETOOTH CONTROLLED ROBOT WITH SPY CAMERA	ECE
20.	LINE FOLLOWER ROBOT	ECE
21.	G SENSOR CONTROLLED ROBOT	ECE
22.	MICROCONTROLLER BASED BLUETOOTH CONTROLLED ROBOT	ECE
23.	FLIGHT CONTROLLER BASED QUADCOPTER	ECE
24.	SMART FARMING USING SOLAR ROBOT TECHNOLOGY	EEE
25.	IOT BASED WOMEN SECURITY SYSTEM	EEE
26.	POWER MANAGEMENT IN EEE BLOCK AT AVIT CAMPUS USING COMOS	EEE
27.	SMART SHOE FOR VISUALLY IMPAIRED PERSONS	EEE
28.	E CYCLE WITH ALTERNATOR	EEE
29.	FIRE FIGHTING ROBOT AND FIRE SAFETY	EEE
30.	WIRELESS MONITORING AND SAFETY SYSTEM FOR UNDERGROUND MINES	EEE
31.	DESIGN AND CONSTRUCTION OF THE NEW LENID ENGINE	MECH
32.	DESIGN AND FABRICATION OF ENERGY GENERATION SPEED BREAKER	MECH
33.	GO KART	MECH
34.	FABRICATION OF METAL POLYMER COMPOSITES FOR STRUCTURAL APPLICATIONS	MECH