

**VINAYAKA MISSIONS UNIVERSITY  
ARUPADAI VEEDU INSTITUTE OF TECHNOLOGY**

**Report on National Level Technical Project Contest & Poster Presentation  
“AVIT TECHXPO-2K17”**

Aarupadai Veedu Institute of Technology organized a **National Level Technical Project Contest & Poster Presentation “AVIT TECHXPO-2K17”** on 7<sup>th</sup> April 2017. **Dr. A. Sivagami, HOD/ECE**, AVIT delivered the Welcome address. Prof.D.Vijendrababu, Vice Principal, AVIT delivered the Presidential address. Mr.P.Subramanian, Associated Professor, AVIT delivered the Chief Guest introduction. The Chief Guest Ms. K. Vinolia , Head , Central Data Processing Section(CDPS), delivered the key note address and started her lecture with the present trends in Digital I&C System design for NPP an overview. The Guest of Honor Ms. B.Shanti, Professor Hindustan Maritime Institute of Technology. Ms. K.Sasirekha, Assistant Professor, proposed the vote of thanks.

The students from various Institutions like Rajalakshmi Engineering College, Vels University and Sri Sairam Engineering College has participated and exhibited their talents in Avit Techxpo 2k17. The events are conducted in the streams of Engineering Level, Diploma level (Mini Project) and Poster Presentation.



Professor D.Vijendra Babu Vice Principal ,Dr. A. Sivagami, HOD/ECE .The Guest of Honor Ms.B.Shanti, Professor Hindustan Maritime Institute of Technology, The Chief Guest Ms. K. Vinolia , Head/Central Data Processing Section(CDPS)

**Events Conducted in the Department**

- The Department of **ECE/BME & EEE** jointly conducted the events and we had 20 batches of Participants for the Engineering level Projects,15 batches of Participants for the Diploma level (Mini Project) and 17 batches of Participants’ for the Poster Presentation.
- The **Mechanical** department had 8 batches of Participants for the Engineering level Projects and 1 batch of Participants for the Poster Presentation.
- The Biotech department had 5 batches of Participants for the Engineering level Projects.

- **The CSE** department had 11 batches of Participants for the Engineering level Projects and 1 batch for the poster presentation.
- The **Civil** department had 6 batches of Participants for the Engineering level Projects.



Mr.P.Subramanian, Associated Professor, AVIT delivered the Chief Guest introduction

### **JUDGES FOR THE DEPARTMENT**

#### **Biotech Department**

Dr.K.V. Krishna Sastry HOD/MECH & L.Chitra, Associate Professor/EEE has evaluated the Poster Presentation.

#### **CSE Department**

R.Suresh Kumar Associate Professor/ECE EEE has evaluated the Project Presentation.

#### **Civil Department**

Dr.S.P.Sangeetha HOD/Civil has evaluated the Poster Presentation.

#### **Mechanical Department**

Dr.K.SomaSundaram HOD/CSE & DR.R.Devika Professor/Biotech has evaluated the Project Presentation.

#### **ECE/BME & EEE Department**

The Chief Guest Ms. K. Vinolia, Head/Central Data Processing Section (CDPS), the Guest of Honor Ms.B.Shanti, Professor Hindustan Maritime Institute of Technology, and Ms.L.Chitra Associate Professor/EEE has evaluated the Poster Presentation and the Project Presentation. Dr. A. Sivagami, HOD & Prof. P. Subramanian, Asso. Professor are other internal judges from ECE department.



Dr. A. Sivagami, HOD/ECE .The Guest of Honor Ms.B.Shanti, Professor Hindustan Maritime Institute of Technology, The Chief Guest Ms. K. Vinolia, Head/Central Data Processing Section(CDPS) and Ms.L.Chitra Associate Professor/ EEE

## WINNERS

### EXTERNAL PARTICIPANTS

#### PROJECT PRESENTATION

##### ECE/BME & EEE Department

**I Prize:** R.Adithya, K.Aravind, K.Arunagiri, III Year EEE, **Rajalakshmi Engineering College, Chennai** for the Title of Project **“Electric Energy Generation from waste using of high rating air conditioners”**

**II Prize:** M.Gayathri M. Shankari , M.Siva Sundari, IVYear/ECE, **Asan Memorial College Of Engineering And Technology** for the Title of Project **“ Automation Based Aircraft Landing System”**

**III Prize:** P.Shamila,R.Chirta , IV Year/ECE, **Asan Memorial College Of Engineering And Technology** for the Title of Project **“Fetal Health Monitoring System”**

##### Mechanical Department

**I Prize:** K.R.Bharat, IV Year Mechanical, **Sri Sairam Institute of Technology, Chennai** for the Title of Project **“A Durable Hybrid Composite Protective cover for the forehead and ear part of the Autism Children”**

❖ **Cash Prize is awarded for the winner.**

Prize	I Prize	II Prize	III Prize
Cash	1000	700	300

### POSTER PRESENTATION

##### ECE/BME & EEE Department

**I Prize:** G.Hari saiprasath, z.Abdul Hasim,Ebinezer Abhishek,III Year/ECE,Vels University, Chennai for the Poster Title **“Vels Vehicular Anternna”**

## **INTERNAL PARTICIPANTS**

### **PROJECT PRESENTATION**

#### **ENGINEERING LEVEL**

##### **ECE/BME & EEE Department**

**I Prize:** Ajeet Kumar Jha, Mithun Kumar, Adithya, IV Year/ECE, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**Android Mobile Phone Controlled Bluetooth using ARM 7 Microcontroller**”

**II Prize:** M.Praveen, MD.Musthafa, Ashique.C.P, IV Year/BME, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**IOT Based ECG Signal Monitoring**”

**III Prize:** Justine .P.James, Kiran Krishnan, Libin Raj IV Year/ECE, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**Consultation Services Using IVR Telephony Based on Expert System**”

#### **DIPLOMA LEVEL**

##### **ECE/BME & EEE Department**

**I Prize:** S.Yasararfathchoudary, L.J.Vimal, V.Yogeshwaran, IIIYear/ECE, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**Metal Detector**”

**II Prize:** Ramakrishnan.D, Ramki.S, Shriram, IIIYear/ECE, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**Cell Phone Detector Using Solenoid**”

**III Prize:** Sathesh Kumar.S, Prabhu Raj.S.B, Jayakumar.S IIIYear/ECE, Aarupadai Veedu Institute of Technology, Chennai for the Title of Project “**Temperature and Humidity Sensor Using IOT**”

##### **Mechanical Department**

**I Prize:** Rahul ShivaKumar, II Year/Mech, Aarupadai Veedu Institute of Technology, Chennai for the Project “**Cost Efficient Go-Kart**”

**II Prize:** Radhakrishnan.V, Karthick.S, Jagdish Prasath.T IV Year/Mech, Aarupadai Veedu Institute of Technology, Chennai for the Project “**Fabrication of Waste Collection Semi Automatic Machine from Water Bodies**”

**III Prize:** YogaVignesh.V, III Year/Mech, Aarupadai Veedu Institute of Technology, Chennai for the Project “**Industrial Pick & Place Robot**”

##### **CSE Department:**

**I Prize:** Debasish Durah, I.Jayanth, IV Year/CSE, Aarupadai Veedu Institute of Technology, Chennai for the Project Title “**Fuzzy analytic Hierachy process over student expectation in Education System**”.

**II Prize:** T.Indirajith, IV Year/CSE, Aarupadai Veedu Institute of Technology, Chennai for the Project Title “**Virtual Network**”.

**III Prize:** S.Yamini, N.Indumati, C.Chandini, IV Year/CSE, Aarupadai Veedu Institute of

Technology, Chennai for the Project Title Based Encryption“ **Source Data Sharing in Cloud Computing Using Revocable Storage Identity**”.

### **POSTER PRESENTATION**

#### **ECE/BME & EEE Department**

**II Prize:** K.Sivakumar, Anubhav Mishra, III Year/BME, Aarupadai Veedu Institute of Technology, Chennai for the Title “ **Brain Controlled CAR for Disabled Using Artificial Intellegence**”.

**III Prize:** Sharanya.S, Shika Meena, III Year/BME, Aarupadai Veedu Institute of Technology, Chennai for the Title “**Artificial Eye**”.

#### **Biotech Department:**

**I Prize:** Mohana Priya .P, IV Year/Biotech, Aarupadai Veedu Institute of Technology, Chennai for the Title “ **Ecotricity from Plants**”.

**II Prize:** Kamaraj.s,Akash Roy, FAHS, Aarupadai Veedu Institute of Technology, Chennai for the Title “ **Radiography**”.

**III Prize:** H.Nigarisa Asa, Logeswari.M,Nandhini.v,Sakithya.V, IIIYear/Biotech, Aarupadai Veedu Institute of Technology, Chennai for the Title “ **Electricity Generated from Hydraulic Force**”.

#### **Civil Department:**

**I Prize:** Happy Sarkar, Sijo.A ,II Year/Civil, Aarupadai Veedu Institute of Technology, Chennai for the Title “ **Zero EnergyBuilding**”.

**II Prize:** Balajied Lyngkhoi, Kevin John Shadap, II Year/Civil, Aarupadai Veedu Institute of Technology, Chennai for the Title “**The Performance Of Clay Soil With Different Material Of Stone Column**”.

**III Prize:** Pappu Kumar, Faizal MD MIR, IIIYear/Civil, Aarupadai Veedu Institute of Technology, Chennai for the Title “**A Comparative Study On Coconut Fiber And Pet For Increasing The Stability Of Stone Matrix Asphalt**”.

DR. A. SIVAGAMI, HOD/ECE/BME, AWARDING THE WINNERS WITH CASH PRIZE AND WINNING CERTIFICATE.



R.Adithya, K.Aravind, K.Arunagiri, III-Year,EEE, Rajalakshmi Engineering College, Chennai For The Project “**Electric Energy Generation from waste using of high rating air conditioners**”