

**INSTITUTION INNOVATION COUNCIL (IIC)**  
**REPORT ON PRODUCT DEVELOPMENT PHASE – STORY TELLING**  
**(INNOVATORS IN CAMPUS)**

Institution Innovation Council (IIC) – AVIT and Intellectual Property Rights (IPR) cell – AVIT organised a seminar “**Product Development Phase – Story Telling (Innovators in Campus)**” on 10.10.2019 for the various Departments of Engineering. The Innovators in the campus interacted with the students. Around 120 students from various Departments of Engineering & Technology had participated in the programme. The story telling phase was chaired by **Dr. S. A. V. Satha Murty, Director – Research, VMRF**, The following innovators explained the novelty and phases of research to the students. The following research papers / patents were discussed by the innovators.

S.NO	NAME OF THE INNOVATOR	DEPT.	TITLE	NOVELTY
1.	Dr.D.VIJENDRA BABU	ECE	DESIGN OF REPELLENT STICK TO SAFEGUARD HUMANS IN FARMING LAND FROM SNAKES	DESIGNED REPELLENT STICK TO SAFEGUARD FARMERS FROM SNAKES/DANGEROUS INSECTS IN FARMING LAND.
2.	Dr. L.K.HEMA	ECE	SEWER GAS MONITORING AND ALERTING SYSTEM	DESIGNED A SEWER GAS MONITORING DEVICE FOR SEWER TANKS
3.	Dr. S. P. SANGEETHA Dr. R. DIVAHAR Dr. P. S. ARAVIND RAJ	CIVIL	NON-STRUCTURAL CRACK ARRESTING MINI-BRICK	FERROCEMENT (ALSO CALLED THIN-SHELLED CONCRETE OR FERRO-CONCRETE) IS A SYSTEM OF REINFORCED MORTAR OR PLASTER OR CONCRETE APPLIED OVER LAYER OF METAL MESH
4.	Mr. V. RATTANKUMAR Dr. G. EZHILARASAN	EEE	SWITCHED AUXILIARY RESONANT CONVERTER FOR PORTABLE UPS SYSTEM	THE NOVELTY IN THIS WORK LIES IN THE SELECTION OF THE SWITCHED AUXILIARY RESONANT CONVERTER (SARC) TO CHARGE THE BATTERY IN THE PORTABLE UPS SYSTEM.
5.	Dr. R.JAICHANDRAN Mr. T.SUDHAN	CSE	DEEP LEARNING BASED VIDEO ANALYTICS FOR IMPROVING SECURITY IN SURVEILLANCE	MODEL SECURITY SYSTEM FOR ALL PLACES
6.	Ms. JENNIE ANITHA Dr. K.BOOPATHY	EEE	SWITCHED RELUCTANCE MACHINE FOR MODERN ELECTRIC VEHICLE	NEW SHAPE OF MACHINE WITH COMPACT DESIGN.
7.	Dr.K.BOOPATHY	EEE	SOLAR POWERED DRONE WITH ROBOTIC ARM FOR COCONUT CUTTING	DESIGN AND DEVELOP A SOLAR POWERED DRONE WITH ROBOTIC ARM. THE DRONE WITH ROBOTIC ARM IS AIMED TO CUT THE COCONUTS WITHOUT HUMAN EFFORT.
8.	Dr. R.JAYACHANDRAN Mr. KANNAN	CSE	SECURED CLOUD TRANSACTION USING IOT DEVICES.	BLOCK CHAINING TECHNOLOGY FOR SECURITY SYSTEM

Event Photos:

