

NIRMAAN'16

- A brief report by Anurag Bhatt

National Technology Day is a very special day for Indian Technology since 1999. Every Year this day is celebrated across India on **11th May**. It was on 11th May, 1998, that India achieved a major technological breakthrough by successfully carrying out series of nuclear tests at Pokhran. Also the first, indigenous aircraft "Hansa-3" was test flown from Bangalore on this day and India also performed successful test firing of the Trishul missile on the same day. Considering the technological advancements, the then Prime Minister, Shri. Atal Bihari Vajpayee, declared 11th May to be celebrated as National Technology Day every year.

Amrapali Institute of Technology & Sciences conducted **NIRMAAN'16** to celebrate **National Technology Day** on **11th May 2016**. Like every year, on this day AITS students (the future Engineers) address the problems of today's society and propose its solution technically through their projects.

This time also the final year students (AITS) exhibited their projects in **NIRMAAN'16**.

Nirmaan'16 attained appreciable success imparting a great learning experience to the audience and visitors.

Some of the projects displayed in **NIRMAAN'16** were:

S.No	Department	Project Title
1.	CSE/IT	1. Sentimental Analysis of Facebook & Twitter 2. Online Quiz System 3. E-Diary 4. Virtual Classroom 5. Email fix SEO & SMO 6. Food Delivery System 7. Time Table Management System /Feedback Management 8. Inventory Management System 9. Employee Management System 10. Placement Management System
2.	EEE	1. Automatic Fish Food Dispenser 2. Automatic Street Light Controller 3. Fault Distance Locator 4. Load Control by Using DTMR technology 5. Quad copter

		<ul style="list-style-type: none"> 6. Automatic irrigation System 7. Food Step Power Generation By piezoelectric Card 8. Superfast electronic cb 9. Vertical axis wind power generation and wireless transmission with automatic street light 10. Image processing using MATLAB through GUI
3.	ECE	<ul style="list-style-type: none"> 1. Intelligent Road Accident Alert System. 2. Solar Energy Based Vacuum Cleaner 3. GPS and GSM Based Fire Detection System and SMS Alert. 4. GSM Based E-Notice Board. 5. Body Heat LED Light. 6. Password Based Circuit Breaker. 7. Anti-theft Security System using GSM. 8. Solar power Automatic irrigation System
4.	ME	<ul style="list-style-type: none"> 1. Quad copter 2. Paddle Powered Water Pump 3. Prototype of an advanced vehicle parking System 4. Design of Manual Earth Digging machine 5. Contraction of compression less room cooling system