



JANSONS INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai

Accredited by NAAC & An ISO 9001 : 2015 Certified Institution

Coimbatore, Tamil Nadu- 641 659

Congratulations

Patent Holder Declared - Under KAPILA Scheme - 2022



Dr. A. Velayudham

PROFESSOR & HEAD

DEPT. OF CSE

**Smart Sustainable Agriculture Solution
Using IoT and AI Towards Effective Cultivation**

**Smart Solar Energy Management
System based on Weather Data using IoT**



Dr. T. Meenakshi

PROFESSOR & HEAD

DEPT. OF EEE

**Contactless twin disc with implanted
magnets and belted pulley with shaft
bearing arrangement for energy harvesting**



Dr. G. Bhavani

PROFESSOR

DEPT. OF PHYSICS

**Industry security system using thermal
scanner LOT and Ultrasonic sensor**



Dr. P. Gowtham

ASSOC. PROFESSOR

DEPT. OF ECE

**Dual powered transformer less multi- output
portable electronic work station using solar
photovoltaic panels**



Dr. L. Anoj Kumar

ASSOC. PROFESSOR

DEPT. OF MECH

**IoT employed flood alerting system for
ground bridge**



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Dr. M. M. Matheswaran ***Semi Circular Duct Jet Impingement
ASSOC. PROFESSOR
DEPT. OF MECH*** ***Solar Thermal Energy Extractor for
Air Heating System***



Dr. K. Mahendran ***Solar energy based automatic cow feed
ASSOC. PROFESSOR
DEPT. OF EEE*** ***(grass type) cutting machine.***



Ms. P. Eswari ***Standalone oxygen generating mask for
ASSOC. PROFESSOR
DEPT. OF ECE*** ***urban Air Pollution using Pyro-Piezo-
Tribo-Nano Electric Generator***



Ms. M. Pavithra ***Drainage cover monitoring system
ASST. PROFESSOR
DEPT. OF CSE*** ***over IOTls***