



**MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE**

(UGC-AUTONOMOUS INSTITUTION)

Madanapalle-517325, Annamayya Dist., Andhra Pradesh



MITS joins hands with

**DRDO**

to organise a

**2 DAYS** National Level  
Seminar on

**"Challenges Involving Size,  
Weight & Power (SWaP) in a UAV"**

Program Schedule



**21<sup>st</sup> & 22<sup>nd</sup> Aug,  
2023**



**Physical  
(Offline)**





## TOPICS TO BE COVERED

Battery  
Management  
System (BMS)

Advances in power  
magnetics design  
and characterization

Combining  
Blockchain and  
Edge Computing

AI and Machine  
Learning algorithms  
in unmanned aerial  
vehicle

Optimal Power  
converter design in  
size, weight & thermal  
management design

## EMINENT SPEAKERS

Resource persons are from Higher Learning Institutions (IIT, NIT, JNTUA) and Expert members from Industries will be handling Lecture, Practical and Case Study sessions.