

AZADI KA AMRUT MAHOTSAV

Appendix

	Topic	Suggested Audience
01.	Introduction to Missile Systems Developed by DRDO	All
02.	RF Seekers(Gimbale)	ECE/CSE/EEE
03.	RF Seekers(AESA)	ECE/CSE/EEE
04.	RPF for Defence Applications	ECE/CSE/EEE
05.	RF Altimeter for Defence Applications	ECE/CSE/EEE
06.	Radome Technologies	ECE/CSE/EEE
07.	Radome Measurements / Characterization	ECE/CSE/EEE
08.	RCS Technologies	ECE/CSE/EEE
09.	DRSS/ Development & Performance evaluation of Ku Band Seekers	ECE/CSE/EEE
10.	IIR Seeker for ASAT Mission	ECE/CSE/EEE
11.	Role of Optics in IIR Seekers	ECE/CSE/EEE
12.	Precision Engg.& Product development	Mechanical/Prod.Engg.
13.	Mechatronic Systems	Mechanical/ECE/EEE
14.	Aero Space Actuators and Mechanisms	Mechanical/ECE/EEE
15.	Applications of Power Electronics & Drives in Missiles	Mechanical/ECE/EEE

16.	Role of Navigation Systems in Aerospace Vehicle	ECE/CSE/EEE
17.	Application of Artificial Intelligence(AI) for Defence	ECE/CSE/EEE
18.	On board Computers for Missile Applications	ECE/CSE/EEE
19.	Embedded software for Aero Space Applications	ECE/CSE/EEE
20.	Mechanical Challenges in Missile Navigation Sys.	ECE/CSE/EEE
21.	Avionics Systems for Missiles	ECE/CSE/EEE
22.	Advances in Embedded Systems for Avionics	ECE/CSE/EEE
23.	High Performance Embedded Systems for Avionics	ECE/CSE/EEE
24.	Military Data Link Systems ( Generic)	ECE/CSE/EEE
25.	Airborne Telemetry System for Missile Applications	ECE/CSE/EEE
26.	Integration of Aerospace vehicles	Mechanical
27.	Vehicular Collisions and crashworthiness	Mechanical
28.	Modelling of ballistic impact	Mechanical
29.	Hybrid shells for Aerospace structures	Mechanical
30.	Electrical Integration of Weapon Systems	ECE/CSE/EEE
31.	Testing and Checkout of Weapon Systems	ECE/CSE/EEE
32.	Role of Aerodynamics in Smart Glide Weapons	ECE/CSE/EEE

33.	EMI-EMC	ECE/CSE/EEE
34.	HILS for Aerospace applications	ECE/CSE/EEE
35.	Dynamic testing for Aerospace vehicle	Mechanical/ECE/CSE/EEE
36.	Packaging of Aviation Electronics	ECE/CSE/EEE
37.	Dynamic Environments of Missile & their Simulation	Mechanical/ECE/CSE/EEE
38.	Vibration problems in Aerospace vehicles and Solutions	Mechanical/ECE/CSE/EEE
39.	Experimental modal analysis of Aerospace vehicles	Mechanical/ECE/CSE/EEE
40.	Dev. of Super capacitors for Missile applications	ECE/EEE
41.	Power Harnessing through thermo electric generator	ECE/EEE
42.	Development of Lithium Sulphur Batteries	ECE/EEE
43.	Role of Power Supplies	ECE/EEE
44.	Software V&V for Missile subsystems	CSE
45.	VLSI design	ECE/CSE/EEE
46.	Quality Assurance in Aerospace electronics	Mechanical/ECE/CSE/EEE
47.	Quality Assurance in Mech. Subsystems of Missiles	Mechanical/ECE/CSE/EEE
48.	Role of Technology Management for Engineers	ALL
49.	Technology Life Cycle Management	ALL