



DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING
FACULTY DEVELOPMENT TEAM
KNOWLEDGE SHARING SESSION (2015-2018)

S.NO	DATE	FACULTY NAME	TOPIC
1	08/09/2018	Mr.I.Aravindaguru	Intruder Detection and Identification based on ground vibration
2		Mrs.P.Sakthi	A VLSI Monitoring system with UWB Telemetry for awake behaving subject
3	25/08/2018	Ms.S,Monisa	Monitoring of Multiple air pollutants emitted from paper industries
4		Mrs.P.Yuvarani	Optical and electrical properties of n.ZnAgAuO/P-Si Heterojunction diodes
5	14/07/2018	Ms.R,Gowthami	Fault Detection and Diagnosis in CSTR
6		Mr.V.Prabhu	Implementation of a two out of three voting system in calciner with self testing logic
7	04/02/17	Mr.V.Prabhu	Instrumentation system in a Rotary Counter weighted Marine Unloading Arm
8	28/01/17	Mrs.A.Vimala Starbino	Meta modeling - An Introduction
9	21/01/17	Ms.S.Monisa	Metering of Fluids
10	21/01/17	Mr.V.Saravanan	Liquid Level control of Coupled tank
11	07/01/17	Ms.S.Amuthameena	Fluid Flow Operations
12	28/03/16	Mr. M.Bala Kumar	BSN Care :A secure IOT-Based modern healthcare system using body sensor Network
13	17/03/16	Mr. V.Saravanan	Creativity in the design of complex system

14	7/03/16	Mrs. P.Yuvarani	Early detection and prediction of lung cancer survival using neural network classifier
15	29/02/16	Ms.P.Sakthi	Smart phone based voice disorder detection
16	18/02/16	Ms. K.Vishnu Priya	Operation of a single phase bidirectional inverter with two buck/boost MPPTs for DC distribution application
17	11/02/16	Mr. M.Mano	Multidisciplinary model for smart agriculture
18	8/02/16	Mr.K.M.Sivanantham	SSMAC-A future security to SMART and super world smart water management :Methods and application.
19	28/01/16	Ms. N.Velammal	Smart home energy management system including renewable energy based on Zigbee and PLC
20	21/01/16	Mr. M.Bala Kumar	Auto Dietary : A wearable acoustic sensor system for food intake recognition in daily life
21	7/01/16	Mrs. P.Yuvarani	Development of a respiration rate meter -A low cost design approach
22	31/12/15	Mr. V.Saravanan	induction generator coupled with wind turbine
23	23/12/15	Ms. P.Sakthi	Telemedicine experience for chronic care in COPD Design and simulation of doubly fed
24	4/11/15	Ms. K.Vishnu Priya	Transformerless photovoltaic inverter based on interleaving high-frequency legs having bidirectional capability
25	29/10/15	Mr. M.Mano	Vision for blind using simulation
26	26/10/15	Ms. N.Velammal	Effective capture of wind gust in small wind turbines using a full active rectifier
27	15/10/15	Mr. M.Bala Kumar	Wearable system for monitoring of oxygen concentration in breath based on optical sensor
28	8/10/15	Mr.K.M.Sivanantham	LABVIEW based UHF RHID Tag test and

			measurement system
29	1/10/15	Mrs. P.Yuvarani	A computer based model for lung cancer analysis
30	21/09/15	Mr. V.Saravanan	Solar heating coil with automatic two axis sun tracking system
31	4/09/15	Ms. P.Sakthi	system for cardiac mapping and navigation
32	9/09/15	Mr. S.Karthikeyan	A practical approach to IOT An impedance based catheter positioning
33	20/08/15	Ms. K.Vishnu Priya	High efficiency contactless power transfer system for electric vehicle battery charging application
34	18/08/15	Mr. M.Mano	A low power VLSI design using adiabatic logic
35	6/08/15	Ms. N.Velammal	An energy storage system for wind turbine generator –battery & super capacitor
36	31/07/15	Mr. K.M.Sivanantham	Security in wireless sensor network – improving the LEAP protocol
37	27/07/15	Mr. M.Bala Kumar	An IEEE 802.15.4 based adaptive communication protocol in wireless sensor network and its application.
38	16/07/15	Mrs.P.Yuvarani	Integration of wireless sensor network with virtual instrumentation in a hazardous environmental
39	9/07/15	Mr. V.Saravanan	Industrial robot application trends in metal industry
40	2/07/15	Ms. P.Sakthi	A novel low power implantable Epi-Leptic seizure onset detector
41	26/06/15	Mr.S.Karthikeyan	An Implantable RFID Sensor TAG towards continuous glucose monitoring