

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)					
Sl. No.	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Year of commencement	Duration (From-To)	Nature of linkage
1	Avionics lifecycle management system	CSIR-NAL	2016-17	13/01/2017 to 29/04/2017	Project Work
2	Automatic Resistance Spot welding using ARM Controller	BEML	2016-17	9-2-2017 to 8-04-2017	Project work
3	Customer Specified Security	CSIR-NAL	2016-17	13/01/2017 to 29/04/2017	Project Work
4	Modular Airborne Data Recording/Acquisition System for Cockpit voice & Data Recorder	HAL, Helicopter MRO Division	2016-17	13/01/2017 to 29/04/2017	Project Work
5	Design & Implementation of A.C.E.M.U. in Metro Train	BEML Limited	2016-17	20/01/2017 to 31/03/2017	Project Work
6	Failure Monitoring Analysis of Flight Control System of an Aircraft	HAL, Aircraft Research & Design Centre	2016-17	15/03/2017 to 18/04/2017	Project Work
7	Establishing a high-speed transmission link from service provider through SDH	BSNL	2016-17	01.02.2017- 25.05.2017	Project Work
8	Expression of interest for design & Development of Power amplifier control unit	BEL	2016-17	15/02/2017 to 16/03/2017	Project Work
9	Cycle time reduction of TX power output measurement of URRF radio	BEL	2016-17	09/01/2017 to 23/02/2017	Industrial visit
10	Industrial visit of 4th & 6th sem of Mechanical Engineering students	IMTEX exhibition at BIEC	2016-17	30-01-2017	Industrial visit
11	Academic visit to Water Treatment Plant Operated by SUEZ	SUEZ, T K Halli, Mandya	2016-17	16-05-2017	Project Work
12	Design and fabrication of gripper assembly to GAP grinding machine	Federal Mogul Powertrain	2016-17	Feb to April	MOU
13	CELEBRATION OF EARTH DAY	MGIRED (Mahatma Gandhi Institute of Rural Energy and Development) Srirampura Cross, Rachenahalli, Jakkuru, Bengaluru, Karnataka 560064	2016-17	22.04.2017	Industrial visit
14	Industrial visit of 4th & 6th sem of Mechanical Engineering students	Ace Designers, Bengaluru	2016-17	18-11-2016	Internship
15	Secure auditing and deduplicating data in cloud	Knowx innovation pvt.ltd	2016-17	01.08.2016- 30.11.2016	Project Work
16	Extensive survey project	SS Ghati	2016-17	16/01/2017 to 26/01/2017	Project work
17	DESIGN AND IMPLEMENTATION OF ACEMU IN DRIVERLESS METRO TRAIN	BEML	2016-17	20.01.2017 to 31.03.2017	Project work

18	IMPLEMENTATION OF MULTIPLE SWEEP SINUSOIDAL WAVEFORM GENERATOR	HAL	2016-17	01.02.2017 to 14.03.2017	Project work
19	MONITOR AND CONTROLLING OF UAV (UN MANNED AERIAL VEHICLE) BY ELECTRIC ACTUATOR	HAL	2016-17	10.03.2017 to 20.05.2017	Project work
20	CENTRAL SOLAR INVERTER	ABB	2016-17	29.03.2017 to 07.07.2017	Project work
21	MODULAR AIRBORNE DATA RECORDING ACQUISITION SYSTEM (MADRAS)	HAL	2016-17	13.01.2017 to 29.04.2017	Project work
22	Failure Monitoring analysis of flight Control system of an Aircraft	HAL	2016-17	15-03-2017 to 18-04-2017	Project work
23	Establishing a High Speed Transmission link from Service Provider through SDH	BSNL	2016-17	3 Months	Project work
24	Expression of Interest for design and development of Power amplifier control unit	BEL	2016-17	15-02-2017 to 16-03-2017	Project work
25	Cycle time reduction of TX power output measurement of URRF Radio	BEL	2016-17	09-01-2017 to 23-02-2017	Internship
26	Secure load balancing for file distribution in cloud computing	Knowx innovation pvt.ltd	2016-17	8/08/2016 to 5/11/2016	Internship
27	Secure disease searches on medical details in cloud computing	Knowx innovation pvt.ltd	2016-17	8/08/2016 to 5/11/2016	Internship
28	Sensitive data detection system in a chat messages using data mining.	CELESTIAL V SOLUTION	2016-17	8/08/2016 to 5/11/2016	Internship
29	Introduction and application of MATLAB.	EDNITH TECHNOLOGIES	2016-17	8/08/2016 to 5/11/2016	Internship
30	Efficient load balancing system in cloud computing with green computing.	CELESTIAL V SOLUTION	2016-17	8/08/2016 to 5/11/2016	Internship
31	Secure auditing and deduplicating data in cloud.	CELESTIAL V SOLUTION	2015-16	July- Nov 2015	Internship
32	Digital Marketing and SEO.	ANKIGA TECH	2016-17	8/08/2016 to 5/11/2016	Internship
33	Search engine optimization.	ANKIGA TECH	2016-17	8/08/2016 to 5/11/2016	Internship
34	Efficient privacy protection in Geo social application.	CELESTIAL V SOLUTION	2016-17	8/08/2016 to 5/11/2016	Internship
35	A cost efficient multi cloud data hosting scheme with high availability.	CELESTIAL V SOLUTION	2016-17	8/08/2016 to 5/11/2016	Internship
36	Evolution of Big data and Hadoop frame work with tools.	AMPLE & INFO SOFT PVT LTD	2016-17	8/08/2016 to 5/11/2016	Project Work
37	Sub station Automation system	ABB	2015-16	14-1-2016 to 15-3-2016	Project work
38	Generation of Control signal for TLR in Akash missile system	BEL	2015-16	13-1-2016 to 27-02-2016	Project work

39	Generation of control signals for TLR in Akash Missile Systems	BEL	2015-16	13/01/2016 to 27/02/2016	Industrial visit
40	Industrial Visit	Karnataka German Technical Training Institute (KGTTI)	2015-16	23-03-2016	Project Work
41	Mechanism to accommodate axis shift in the mating holes	HAL, Helicopter MRO Division	2015-16	Feb to April	Project Work
42	Enhancing the life of input housing LH/RH through liner scheme technique of ALH	HAL, Helicopter Division	2015-16	Feb to April	Industrial visit
43	Health Care management System using TIBCO Suites of productes	Samslogix	2015-16	July- Nov 2015	Internship
44	Automation Using Selenium Webdriver	EDNITH TECHNOLOGIES	2015-16	July- Nov 2015	Internship
45	Industrial visit to Varahi Project & Masthikatte project	Varahi Project & Masthikatte project	2015-16	27/10/2015 & 28/10/2015	Industrial visit
46	Industrial visit to Mangalore Refinery and Petrochemicals Ltd	Mangalore Refinery & Petrochemicals Ltd	2015-16	26-10-2015	Industrial Training
47	Practical Training	NHPC Limited	2015-16	21/07/2015 to 27/07/2015	Project Work
48	Design of External Hardware for Synchro	BEL	2015-16	28/01/2015 to 14/03/2015	Project Work
49	Modelling, programming and fabrication of corner pulley bracket using CAD/CAM software	ISRO Satellite centre, Mechanical fabrication facility	2015-16	Feb to April	Project Work
50	Design and evaluation of horizontal and vertical fixture for GSLV L-4 booster	HAL, Aerospace division	2015-16	Feb to April	Internship
51	Industrial Training/Internship	NHPC Ltd, Sikkim	2015-16	2 weeks	Intrenship
52	M.Tech Intrenship Ms. Tejaswini M R	BSNL	2015-16	17/8/2015 to 05-12-2015	Intrenship
53	Internship training - Ms. Sapam Hema Devi	Nano Robotics Embed Technologies	2015-16	August 2015 to November 2015	final year Project
54	M.Tech Intrenship Ms. Tejaswini M R	BSNL	2015-16	17/8/2015 to 05-12-2015	Project Work
55	To design and fabricate AMC based test facility for a three phase filter module	BHEL, Electronics Division	2014-15	06/04/2015 to 05/05/2015	Project Work
56	MAC Frame transmitter & receiver	BEL	2014-15	01/01/2014 to 15/02/2014	Project Work
57	Design and development of R F power sensing unit	BEL	2014-15	08/01/2014 to 22/02/2014	Project Work
58	Radio relay configuration & management using local craft terminal	BEL	2014-15	05/02/2014 to 22/03/2014	Project Work
59	Implementation of BCH encoder and decoder using FPGA	BEL	2014-15	17/02/2014 to 03/04/2014	Project Work
60	Developing a hardware module & OFP code for tesing DFCC	BEL	2014-15	06/01/2014 to 17/02/2014	Project Work

61	Design and development of R F power sensing unit	BEL	2014-15	08/01/2014 to 22/02/2014	Industrial visit
62	Industrial visit of Power plant engineering students	Thermal Power Station, Raichur	2014-15	17-10-2014	Industrial visit
63	Industrial visit of Power plant engineering students	Hydro Electric Power Station, Munirabad	2014-15	18-10-2014	Short term course
64	Short term course on Automobile servicing and maintenance technology	Gedee Automobile Training Institute	2014-15	28/07/2014 to 09/08/2014	Project work
65	Design of External Hardware for Synchro	BEL	2014-15	28-1-2015 to 14-3-15	Project work
66	Retrofit of starter Performance test bench using PLC	BOSCH	2014-15	20-2-2015 to 05-05-2015	Project work
67	Implementation of Chaneelization Techniques	BEL	2014-15	4-9-2014 to 1-05-2015	Project work
68	Concept Design of fighter aircraft	HAL, Mission and Combat System Research & Design Centre	2014-15	07/07/2014 to 08/08/2014	Internship
69	ELECTRICAL EVALUATION OF SILICONE RUBBER FOR HIGH VOLTAGE COMPOSITE INSULATORS PERTAINING TO SPECIAL CHARACTERISTICS OF RECOVERY OF HYDROPHOBICITY AND RESISTANCE TO TRACKING AND EROSION	BHEL	2014-15	6 months	final year Project
70	Employability Enhancement Training Program	BSNL	2013-14	18 Weeks	Training
71	Employability Enhancement Training Program	BSNL	2013-14	18 Weeks	Training
72	Employability Enhancement Training Program	BSNL	2013-14	18Weeks	Training
73	Implementation of Control scheme for Gas Cleaning & Control Process in a Steel Melt shop	BHEL	2013-14	13-01-2014 to 15-2-14	Project work
74	Implementation of Boiler Control on a real time process controller and development of a GUI for its control & Monitoring	BHEL	2013-14	13-1-2014 to 15-02-2014	Project work
75	Developing a hardware module & OFP code for Testing DFCC	BEL	2013-14	6-1-2014 to 17-2-2014	Project work
76	Temperature & Humidity monitoring system	BEL	2013-14	29-1-2014 to 15-3-2014	Project work
77	PID CONTROLLER FOR STABILIZATION OF POWER USING PLC AND SCADA	VASUNDARA AUTOMATION AND ENGINEERING SERVICES (P) LTD	2013-14	6 months	Project work

78	SPEED CONTROL OF INDUCTION MOTOR USING MICROCONTROLLER	VASUNDARA AUTOMATION AND ENGINEERING SERVICES (P) LTD	2013-14	Feb 2014 to May 2014	Project work
79	"ENERGY AUDITING"	RITTAL INDIA PVT LTD - BANGALORE	2013-14	01.04.2014 to 11.05.2014	Industrial Visit
80	Industrial Visit	Karnataka Power Corporation Ltd.	2012-13	30.10.2012-31.10.2012	Project work
81	Automation of Wagon Charging in Tunnel Klin Using Relay Logic	BHEL	2012-13	Feb 2013 to May 2013	
82	Remote Monitoring and Controlling of DG Set using MODBUS Protocol	BEL	2012-13	09-1-13 to 8-3-2013	Project work
83	Zigbee Based home automation control System	BEL	2012-13	9-1-2013 to 23-02-2013	Project work
84	Integration of Control and display system with display & Mission computer	HAL	2012-13	19-01-13 to 19-02-2013	Project work
85	Microstrip bandpass filter Realization based on edge coupled Microstrip lines for Satellite Application	ISRO	2012-13	15-01-2013 to 19-04-13	Project work
86	Industrial system Group	BHEL	2012-13	15-01-13 to 9-2-2013	Project work