



Giving Wings to Thoughts



1.3.2 Field Projects / Internships undertaken during the year

The following list of companies offered internships/project work to the students to gain knowledge.

Project/Programme Title	No. of students enrolled for Field Projects /Internships
College Level	
Internshala-Internships	37
Electronics and Communication Engineering	
Field Project on Implementation of SPI protocol in FPGA and validation with various inputs at DRDO	3
Field Project on Missile Tracking and auto Destroy system at IETE	4
Field Project on Embedded automobile Engine locking system using GSM technology at IETE	3
Field Project on Smart Helmet for Soldier protection in War Fields at IETE	3
Internship on CNC And PLC Machines at BHEL	61
Internship on Software Defined WAN Topology Visualization at WIPRO	1
Internship on Embedded And Real Time Applications at ECIT	15
Internship on Water Quality Checking Using PH Sensor at IETE	5
Internship on Thermal Plant Familiarization and Condenser Hot Well Level Control at NTPC	1
Internship on Circuit Designing at NSIC	7
Internship on Mobile networks and telecommunications at BSNL	5
Internship on Mobile Based Home Automation at EMFACT	5
Internship on Designing circuits based on IOT and Raspberry at PRO Imaginations	2
Internship on Implementation of IOT Based Projects at FIT	14
Internship on LED Seven Segment Displays & Manufacturing SMD Power LED at Kwaliti Photonics	1
Internship on Micro electro Mechanical system at DRDO	1
Internship on wag-7 and wag-9 electric locomotive at SCR	1
Internship on Machine learning at IITH	1
Internship on ROBOTICS at Path creators	46
Internship on Smart Sensors for IOT applications at Analogics Tech, India Ltd	3
Internship on industry Technology at Thrikasa Technologies	3
Internship on Embedded Systems at Think Embedded	3
Industrial visit on LED seven segment displays at Kwaliti Photonics	126
Electrical & Electronics Engineering	
Industrial visit on Equipment design and working in power plant at TSGENCO & Nagarjun Sagar Power Plant	55
Industrial visit on Analysis of various insulating materials at Hyderabad Instruments Transformers	56
Industrial visit control Operation and Traction System in L&T at L&T Metro Rail, Nagole Metro station	38
Industrial visit on Automation using PLC, SCADA and Drives at Enrun Education Society, Gachibowli	38
Industrial visit on Equipment design and working in Hyderal power plant at Hyderabad Electric Plant, Singur	59

Internship on Testing and Manufacturing of turbo generator, Electrical Machines and Study of	13
Internship on UAV, Drone design and development at EXPERT-HUB	1
Internship on Automation Practical on Relay hardware at SELECT PLC	3
Internship on Business Development and Sales Internship at Ganragepreneurs Internet Private Ltd	1
Internship on Monitoring & Maintanace of Solar PV Plant at Shantha Educational Society	2
internship on Fabrication af panels at Lokesh Electro Technologies industries	3
Internship on Electrical Machines Maintance at Nice Technologies	2
Internship on Maintance of medical equipments at Sangham Health Care Products Ltd	1
internship on Testing of Self driving system at Pro Imaginations	2
internship on Eeelctrical safety at Mormon Technologies - Internship	2
Internship on Testing of IoT Producte at Bhaghyasree Industries	2
Internship on Design and Fabrication of PCB at SM Technologies	2
Internship on Testing of Solar Panales at United Technologies	1
Internship on Testing and Maintanance of Welding System at SR Weldings Systems	3
Internship on Study and Troubleshooting of Computer hardwear at Solomon Engineering	2
Internship on study of Manafcturing process of Electronics applicanes at Skyquad Elctronics &	1
Civil Engineering	
Internship on Total station at Industry Internship Institute services(IIIS)	3
Internship on study on quality and design of M25 Grade concrete at Industry Internship Institute services(IIIS)	3
Internship on failure of foundations and estimations for interiors at Batch and Build Infra Associates	5
Internship on construction of roads at M/s.JSR & Company	1
Internship on villas constrction ,Kompally at Ashoka A-la-Maison-Internship	1
Internship on case study on constuction materials at SM consultants	3
Internship on case Study on KanakaDurga flyover at Soma Constructions	1
Internship on structural design of high rise buildings at Hall Mark Construction PVT LTD	2
Internship on execution of residential buildings ,Alkapur Township at Anuhar Homes	4
Internship on construction of government ITI college building ,Masab Tank at Stanch Projects	2
Internship on execution and estimation of duplex houses and apartemnt at Saket Engineers private limited.	4
Internship on surveying using Total Station ,Medchal at Deccan Institute of Technologies	2
Internship on construction of irrigation Structure at PMR Infrastructure	3
Internship on construction of integrated district officers complex and residential quarters,package no III,Jagtial district at R&B department,Government of Telengana	3
Internship on Construction of Integrated District Office Complex & Additional ROB at KM 0/0 Link Road ,R& B ,Warangal,Government of Telengana	1
Internship on Quality Control of Water in mission Bhageratha at WTP in subdivision Siddipet at Government of Telengana	1
Internship on railway underpass construction,Peddapalli at Arndathi Constructions	4
Internship on anchoring of soil at UR Ground Engineering PVT LTD	2
Internship on construction of buildings at SR Constructions & Engineering	1
Internship on quality control at RMC plant at RV Silpa Homes	2
Industrial visit on Prototypes of reservoirs and dams at Telengana Engineering Research Laboratories	43

Industrial visit on HMDA Sewage treatment plant process and maintenance at HMDA Sewage Treatment Plant, Khairathabad	42
Industrial visit on Ground water recharge and rain gauges at Central Ground Water Board, Hyderabad	51
Mechanical Engineering	
Internship on Mechanism and Software used in BMW KUN Exclusive at Kun Motoren PVT LTD	4
Internship on Corrosion Repairs and Coach Conversions at SCR	3
Internship on Plastic Component Manufacturing using CNC at Micro tooling Systems	4
Internship on Quality Assurance and Tool Room at Ordinance Factory	2
Internship on Polymer Coating on Paper board at ITC LTD-PSPD	1
Internship on CNC Machine & Manufacturing Process at International Industrial Products	1
Internship on Service Training of BMW Bikes at BMW Motorrad	2
Internship on vehicle Services Training Hyundai Facility at KUN united	4
Internship on Services Training Maruthi Suzuki Cars at The Mithra Agencies	4
Internship on Study on CNC Machine Tools at HMT Machine Tools Ltd	3
Internship on HOT Mix Plants at Vibrant Construction Equipments PVT LTD	1
Internship on Refrigeration and Air Conditioning at Cool Dot Services	1
Internship on Constructions of Boiler water Tankers, and Pumps at SV Engineers	3
Internship on Services Training of BMW Bikes at VN Career Solutions	1
Internship on Manufacturing of Aluminium Component at Sri Pawan Die casting	4
Internship on Conventional Machine Process and Components at Lokesh Mechanics Ltd	6
Project Training on Pulveriser Component at BHEL	6
Internship on 750 Gear Box Heavy Vehicles at Geetha Auto commercials	4
Internship on Chemical cleaning of Boilers at RV Engineering equipments India PVT LTD	10
Internship on Dies ITS Excercises at Pennar Industries LTD	1
Internship on Manufacturing of Aluminium Component at Revathi Engineering Pvt. Ltd	6
Internship on Plastic Component Manufacturing using CNC at Sree Durga Fabricators	8
Computer Science & Engineering	
Internship on Machine Learning with Python at CODEMANIA	6
36 days internship on Robotics at PATH CREATORS	38
One-month internship on Java at VN CAREER SOLUTION	5
36 days internship on PROJECTS INCRIVEL TECHNOLOGIES.	1
One-month Internship on Android App Development at APALYA TECHNOLOGIES	1
45 days Internship on Python and Machine Learning at HITCHI	1
One-month Internship on Real time plotting using QWT in Linux at DEFENSE R&D ORGANIZATION, RESEARCH CENTRE IMARAT	1
Internship on a Travel Management System Project at LIVONIA TECHNOLOGIES PVT LTD.	1
45 days Internship at SMARTNERD	1
Internship on web development training at GVS INDIA PRIVATE LIMITED	3
36 days internship on programming in C at TASH	3
Internship on Webdevelopment in JAVA SCRIPT at PRUDENT AUTOMATION	4

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
Industrial visit	Industrial visit on LED seven segment displays	Kwality Photonics	30.8.19	126
Industrial visit	Industrial visit on Equipment design and working in power plant	TSGENCO & Nagarjun Sagar Power Plant	21.2.19	55
Industrial visit	Industrial visit on Analysis of various insulating materials	Hyderabad Instruments Transformers	9.1.20	56
Industrial visit	Industrial visit control Operation and Traction System in L&T	L&T Metro Rail,Nagole Metro station	19.2.20	38
Industrial visit	Industrial visit on Automation using PLC, SCADA and Drives	Enrun Education Society,Gachibowli	03.3.2020 to 05.03.2020	38
Industrial visit	Industrial visit on Equipment design and working in Hyderal power plant	Hyderabad Electric Plant,Singur	5.3.20	59
Industrial visit	Industrial visit on Prototypes of reservoirs and dams	Telengana Engineering Research Laboratories	27.8.19	43
Industrial visit	Industrial visit on HMDA Sewage treatment plant process and maintenance	HMDA Sewage Treatment Plant,Khairathabad	18.2.20	42
Industrial visit	Industrial visit on Ground water recharge and rain gauges	Central Ground Water Board,Hyderabad	20.2.20	51
Project work	Field Project on Implementation of SPI protocol in FPGA and validation with various inputs at DRDO	DRDO-Research & development Organisation	20.1.2020 to 20.3.2020	3
Project work	Field Project on Missile Tracking and auto Destroy system at IETE	Institute of Electronics and Telecommunication Engineers(IETE)	9.1.2019 to 20.3.2020	4
Project work	Field Project on Embedded automobile Engine locking system using GSM technology at IETE	Institute of Electronics and Telecommunication Engineers(IETE)	9.1.2019 to 20.3.2020	3
Project work	Field Project on Smart Helmet for Soldier protection in War Fields at IETE	Institute of Electronics and Telecommunication Engineers(IETE)	9.1.2019 to 20.3.2020	3

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses			
Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated Under MoUs
Confederation Of Indian Industry (CII)	07-08-2015	To develop skills of students,faculty through context and events.	2
Telangana Academy For skill Knowledge(TASK)	25-07-2015	Training and placement Activities	2
Reference Globe	02-03-2019	Education platform	2000
Mechanical Engineering			
Revathi Engineering Pvt. Ltd	14-03-2019	Industrial Internships	6
Sree Durga Fabricators	14-03-2019	Industrial Internships	8
Civil Engineering			
Industry Internship Institute services (IIS)	30-01-2019	Industry-internship activities	6
Reliable surveyors	09-01-2020	Industry internship activities	25
KGN Constructions & Institutions	26-02-2019	Industry internship activities	-
Legendary Architects	04-10-2018	Industry internship activities	20
Integral Concretes	22-01-2020	Industry internship activities	-
Electronics & Communication Engineering			
Analogics Tech India LTd	08-11-2019	Guest lectures,Industrial visits,Internships	3
Physitech Electronics	20-09-2019	Expert lectures ,Workshops	170
Thrikasa Technologies	07-03-2019	Guest lectures,Industrial visits,Internships	3
Kwality Photonics	17-01-2019	Guest lectures,Industrial visits,Internships	127
Path creators	16-12-2018	Internships	46
Hebon Technologies	15-02-2018	Training on IOT	-
Think Embedded	19-09-2018	Training ,Internship & Research	3
Electrical & Electronics Engineering			
Shantha Educational Society	17-08-2017	Industrial Internships	2
Lokesh Electro Technologies industries	08-03-2019	Industrial visits & Internships	3
Nice Technologies	08-03-2019	Industrial visits & Internships	2
Sangham Health Care Products	08-03-2019	Industrial visits & Internships	1
Pro Imaginations	08-03-2019	Industrial visits & Internships	2
Mormon Technologies	08-03-2019	Industrial visits & Internships	2
Bhaghyasree Industries	08-03-2019	Industrial visits & Internships	2
SM Technologies	08-03-2019	Industrial visits & Internships	2
United Technologies	08-03-2019	Industrial visits & Internships	1
SR Weldings Systems	15-02-2019	Industrial visits & Internships	3
Solomon Engineering	15-02-2019	Industrial visits & Internships	2
Skyquad Electronics & appliances Private Ltd	08-03-2019	Industrial visits & Internships	1

Computer Science and Engineering

GVS India private limited	01-01-2019	Industrial visits and internships	3
The Altruistic Southern Hub [TASH]	30-01-2019	Projects and internships	3
RK info systems	28-02-2019	Internship training (ibm projects).	-
CoCubes	03-10-2018	Online career development and training services	85
Idea labs	03-10-2018	Boot camp and training	129
Eleven 01	25-07-2018	Industry specific block chain training	64
TCS ion	15-12-2017	Prometric test center	3
Prudent automation	30-01-2017	Industrial visits and internships	4
Podakkal enterprises	25-01-2017	Hardware and network training	-
Visham soft	01-08-2017	Block chain training partner	-