

Signal processing, Data analytics and software

Roll number	Name	Name of the University/Industry	Title of the project	Research supervisor	Period of Internship
A. Goldan Nivethitha	108114001	Fidelity Investments	DevOps	Aravind Arumugam	15th May - 14th July (2 months)
Abiraami	108114004	Fidelity investments	Automating system using machine learning	Albert Dixon	2 months
Achyutha Vishnuvardhan	108114005	NSIC, Hyderabad	Secure distributed de-duplication system	Mahender Reddy	60 days
Aishwaryaa Vasudevan	108114007	Idea cellular	Karnataka telecom industry analysis	Suriya Kumar	4 May 2017 - 4 July 2017
Akshaya Ravichandran	108114008	Indian Institute of Astrophysics, Kodai and IETC	Pulsar evolution and dark room design for autism	Common set of professors for a group of students - Summer school	One month (IIA) One month (IETC)
Allan Kevin T	108114009	Siemens	Building Technology: HVAC and it's application in a sustainable future	Amal Jaiswal (Senior Executive)	May '17 - July '17
Anuj Sunil	108114011	Intellect Design Arena Ltd	Analysis of factors affecting consumer demand	K S Parthasarathy	2 months
Ashwin	108114016	SPI Group	Analysis of Housing market in India	NA	May - July
Ashwin ram	108114018	NUS School of Computing	Enhanced group chat decision making	Prof. Shengdong Zhao	May - July
Shashank Avunoori	108114020	Microland	Attendance Manager Using BLE Beacons	Narendra Singh Rana	2.5 months

B.Praharsha	108114024	NTPC(National thermal power corporation)	DCS(Distributed control systems)	Sai Krishna sir	40 days
C Ravi Sundaram	108114025	Universität Tübingen, Germany	Object Detection using Single Shot Detector algorithm	Dr Andreas Zell	11weeks
Chandra Babu Sudharsanam	108114026	Worcester Polytechnic Institute	Implementation of a light weight SLAM library on a mobile robot	Dr. Carlo Pincioli	10 weeks
Chandrasekar V					
C SAI RAGHAVA	108114028	NSIC HYDERABAD	SECURE DISTRIBUTED DEDUPLICATION	Mahender Reddy	16-5-2017 to 14-7-2018
Sanjana Dude	108114029	Grant Thornton	IT Advisory & Cyber Security Services	Raghavendra	2 months
G Vijay	108114030	Indian Institute of Technology, Hyderabad	Reliable and Efficient Detection of Flowering panicles in Paddy rice using Deep Learning	Prof.Dr.Srijith	9 weeks (May 6, 2017 - July 7,2017)
Gugulothu Pavan	108114034	National Small Industries Corporation Limited	Online modelling	NSIC	2 months
Hemapriya.R	108114036	Adani	Management	Uthramoorthy	1month
Joseph john	108114040	L&T Infotech	CameraVR on Hololens	Mrs. Anuya Telang	Two months
Kaushik Sambamurthy	108114042	National University of Singapore	Enhanced Visibility of Retinal Layers in OCT Images using Locally Contrast Enhanced Adaptive Compensation	Dr. Michael J. A. Girard	2 months

Mkk swamy	108114043	National small industrial company Ltd.	Discovery of ranking fraud for mobile apps	Nsic	2months
K Siddardha	108114048	National Small Industries Corporation Limited	Tourism management solutions	Mahendra Reddy	2 months
M.Aarthi	108114050	IIIT Bangalore	Web Scraping using python	Prof Shrisha Rao	45 days
M Sashank Kumar	108114051	Indian Institute of Technology, Guwahati	Acoustic Analysis of Trill Sound production errors in Cleft Lip and Palate children.	Prof. S R M Prasanna	10th May, 2017 - 28th June, 2017
Manoj kumar	108114052	Power Mech Project Ltd.	Boiler implementation and power generation	Abhishek kumar	10 may to 30 june
Manoj Thiraviam Kumar	108114053	IIIT Bangalore	Slam implementation using NXT	Dr.Sachit Rao	May 20th to July 27th
Rajashekar	108114056	National Small Industrial Corporation Ltd	TOURISM MANAGEMENT SOLUTIONS	Mahender Reddy(NSIC)	2 months
Muralikrishna G S	108114058	IISc, Bangalore	Sparse Signal Reconstruction	Prof. K.V.S. Hari	15 May - 17 July
N Naimisha	108114059	DLRL	Report generation using Dynamic Templates	Bhavani, Scientist E	2 months
Nagaraj Archak					
Oruganti Dinesh	108114062	National small industrial company Ltd.	Discovery of ranking fraud for mobile Apps	Nsic	2months
P Anjani Kumar	108114063	NSIC-HYD	Cooperative Provable Data Possesion for Integrity Verification in Multi cloud storage	Mahendra Reddy	2 months

P SAI VIKAS	108114064	NSIC	online modelling of proactive moderation system for auction fraud detection	Mahinder reddy	2 months
Jashwanth R	108114072	VISA	Project REDWOOD	Dharasu Benerjee	15-MAY-2017 TO 28-JULY-2017
Rohan Keshavan	108114073	Raman Research Institute,Bangalore	Processing Radio Pulsar Observations	Prof.Avinash Deshpande	May-July 2017
Rounak Sarkar	108114074	NIT Trichy	HOUSING	Mrs. Jyothi	May 8th to July 10th
S.Rahul Vallivel	108114077	IIT Madras	Stabilising Training of Generative adversarial network	Dr.Balaraman Ravindran	2.5 months
S.VIGNESH	108114078	IISc,Bangalore	ASR AT PHONEME LEVEL USING ACOUSTICS AND ARTICULATORY DATA FOR ENGLISH FROM VARIOUS INDIAN L1	PRASANTA KUMAR GOSH	3 months
Samyuktha Raju	108114080	Fidelity Investments	Development of intranet bot system	Sathishkumar Sadasivam	15th may - 14th July
S Sangeetha	108114081	Shiksha infotech	Digital marketing trainee	Santhosh kumar	2months
SAUNDARYA. S	108114084	The Valai Infotech Pvt. Ltd. (Software)	Software Development: Encryption of Files for security.	D.VasuDevan	2-months
Shankari.S	108114086	Royal Bank of Scotland(RBS) Services India	ATM Solutions	Rupavahini Selvaraj	31-5-17 to 14-7-17

Somasundaram.A	108114090	IIM-A	Report on state of Primary Education in India	Prof. Ankur Sarin	May-July 2017
Srijith Nair	108114091	Indian Institute of Technology, Bombay	Classification of Smooth muscle cells using machine learning	Dr. Rohit Manchanda	2 months
Sudharshann D	108114093	National University of Singapore	Multilable satellite image classification	Ooi beng chin	3 months
T.V.Krishna Naveen	108114097	Indian Institute of Science, Bangalore	Filter learning and Selection for Robust Automatic Speech Recognition models	Dr. Sriram Ganapathy	2 months
V Akhilkrishna	108114101	National Small Industries Corporation Limited	Online modelling for proactive moderation system for fraud detection	Mahendra reddy	2 months
Venkata Subramanian S	108114102	ULB Belgium	Automatic design of behaviour of robot swarm based on NEAT algorithm	Prof. Mauro Birattari	10 weeks
Vibin Chakravarthy.D	108114103	One Yes Technologies	Multiple Android Apps	Vadivel	6 weeks
Vijay Ravi	108114104	Smytten	Management	Siddhartha Nangia	May 15 - Aug 06

Telecommunication, Microwave, and optical communication

Roll number	Name	Name of the University/Industry	Title of the project	Research supervisor	Period of Internship	Field of Internship
Aarthy R	108114002	Indian Institute of science	Security in smart grid system	Professor Navin Kashyap	2 months	Information theory and computer networks
Amirtha Varshini	108114010	Microland	Office 365 admin centre automation	Manager	2 months	Web development and automation
Aravinth Ramesh	108114014	Ernst and Young LLP	Advanced Analytics and Machine Learning for Cyber Security	Mr. Praveen N	2 months	Cybersecurity and Analytics
Kamalesh.K	108114041	Sayanora institute	Cryptography using artificial neural networks	Sayanora institute	2 months	Security
Muppidi Yeswanth reddy	108114057	Siemens	Smart water meter	Dr.Amal Jaiswal	2 months	Internet of things
SAHUKARI RAVITEJA	108114079	SERC LAB, IIIT HYDERABAD	DESIGN OF SMART WATER METER	Dr.SURESH PURINI	40 days	INTERNET OF THINGS
Sruthi	108114092	Indian Institute of Technology - Hyderabad	Smart Prosthetics	Prof.Dr.Abhinav Kumar	2 months	Internet of Things

Varsha Suresh	108114100	National University of Singapore	IOT framework using serverless computing	Dr Ooi Wei Tsang	May - July	Networking, Cloud Computing
Adithya Vikram Sakthivel	108114006	Verdant Telemetry and Antennas Systems, Ria Institute, Radiostudio	Meandered spiral antenna, ultrawideband hybrid waveguide, Power over Ethernet technology	Aparna Sankarsubramanian, Rajesh Kunnath, Christine Gordan	8th May 2017 to 10th July 2017	Microwaves and Optical Communication

VLSI and Embedded systems					
Roll number	Name	Name of the University/Industry	Title of the project	Research supervisor	Period of Internship
Abhijith V	108114003	Texas Instruments	Porting of PTP Stack from existing platform to upcoming platform	NA	May 2017 - July 2017
Anumalasetty Jaya Prakash	108114012	NVIDIA	CORRELATION OF LATENCY PARAMETERS WITH RETIMING DATABASE USING FORMAL VERIFICATION	Tushar kanti Biswas	2 months
Arvind Nataraj S	108114015	Analog Devices Inc.	LCD Add on Board for COG-ADuCM3029/ Crop connect IoT Smart farming	Ms Rajalakshmi	May - July 2017

Ashwin R	108114017	Texas Instruments	Design and Verification of Synchronous Controller	NA	May-July 2017
A. Manasa	108114019	Samsung	VCoRD manager	Abhilash kannoth	15th May-14th July
Balaji Aathithan.P	108114021	SAMSUNG Semiconductor India R&D	Low Power Double Data Rate 4 RAM Behavioral model	Mrs. Garima	2 months
Bhamidipati Mohan Vamsi	108114022	Samsung Semiconductor India R&D	Solving Verification Bottlenecks	Anil Deshpande	9 weeks
Amulya Bijjam	108114023	IIT Hyderabad	Smart Prosthetics	Dr. Abhinav Kumar	60 days
G Sree Harsha	108114031	NIT Trichy	Hardware accelerators for Deep Convolutional Neural Networks	G.Lakshminarayanan(H.O.D,ECE,NIT Trichy)	may-june 2017
Bhavani Guguloth	108114032	IIIT, HYDERABAD	SMART WATER METER	Dr. Suresh Poorni	37 days
Guguloth Sai Vidhya	108114033	NIT TRICHY	Hardware accelerators for deep convolutional neural networks	Mr.G.Lakshmi Narayanan	35-40 days
G.Yathisha	108114035	Samsung Semiconductor India R & D,Bangalore	Solving Verification BottleNecks	Mr.Anil Deshpande,SSIR team	May 15 - July 14
I Sangeethkumar	108114037	Texas Instruments	PDK QA and Automation	Mr. Ravi Kumar	2 months
Jaswanth Kumar Reddy A	108114038	International Institute of Information Technology, Hyderabad	2-bit Successive cancellation of Polar Decoders	Dr. Zia Abbas	46 days

Jayadeep Reddy Ganta	108114039	Indian Institute of Technology, Kanpur	Implementation of ZUC algorithm on FPGA	Dr.Sandeep Kumar Shukla	2 months
K.Sree Harsha	108114044	Questease Solutions HPe	Agriculture field motor control system using gsm and moisture sensor	Kishan Kumar	5th may 2017 to 30th June 2017
KOPPARAPU GNANA CHAITANYA PRAKASH	108114045	nVIDIA	Code refactoring to introduce configurability in GPU build flow	Srijith Haridas	May 2017 - July 2017
Korakoppula sudheer	108114046	IIIT HYD	design of 2b sc decoder in verilog	Zia abbas	45 days
K.Madhusudhana reddy	108114047	IIIT Bangalore	Split-capacitor charge-redistribution dac for SAR ADC	Prof.Subhajith Sen	11thMay-30th june
K.Pavan Tej	108114049	liit banglore	Design of efficient cmos rectifiers and dc-dc converter for energy harvesting systems	Prof.Subhajit sen	37 days
Manoj kumar	108114052	IIIT-Bangalore	Semi-autonomous two degrees of freedom robotic arm	B. Sachit Rao	7 weeks
Manukonda Akhil	108114054	IIT HYDERABAD	Digital design using raspberry pi	GVV Sharma	45 days
Monica Stella	108114055	Questease solutions	Applications of microcontrollers	Showkath Ali	2 months
Narendra Deconda	108114061	NIT Trichy	SOC Connectivity	Abhilash Kannoth(Manager)	2 months

P. SARANYA	108114065	IIT Hyderabad	Arm Assembly programming using Raspberry pi	Dr.G V V Sharma	45 days
Pragathi.V	108114066	SanDisk (A Western Digital Brand)	Design of basic components of IC in 16nm Technology	Mr. Ramakrishnan Subramanian (ASIC ANALOG IO TEAM)	2 Months (8 Weeks)
R Hariharan	108114067	Samsung Semiconductor India Research and development	CMOS Image Sensors	Aravind Rangavajulla	May 15 to July 14 (2 months)
R.K.Divya Sri	108114068	Samsung Semiconductor India Research and Development Center, Bangalore	SoC Datapath Analyser	Sai Krishna Komeravalli	May 15 to July 14
R Parthasarathy	108114069	IIIT Bangalore	Semi autonomous 2 dof robotic arm	B.Sachit Rao, Asst. Prof IIIT Bangalore	7 weeks
R.Anil kumar	108114070	Nit Trichy	Reconfigurable Three channel Filter Bank	Dr.S.Moorthi	10 may- 10 july
Rajesh Tiwari	108114071	IIIT HYDERABAD	SMART WATER METER SYSTEM	Prof. Dr. Suresh Purini	2 Months
S Abirami	108114075	Nvidia Corporation	Waiver unification framework	Mr.Shyam.S.V	15 May - 17 July 2017
S.Akash	108114076	Texas Instruments	Safety Fallback 2D Cluster	Nikhil Devshatwar	2 months
Santhana Bharathi N	108114082	Questease solutions	Gesture controlled robot	Kishan kumar	5 the may 2017 to 30 the June 2017
Sathi Rupa Sri harindra reddy	108114083	IIIT Bangalore	Semi Autonomous 2 DOF Robotic Arm	Sachit Rao	7 weeks

S Kalki Raghavendra	108114085	IIT Madras	Design and Implementation of Quad SPI	Prof. Dr. Kamakoti	2 months
Shreya	108114087	Texas Instruments	Test Vector generation in DV / Unified Test flow	Mr. Vivekanand Malkane	May - July
Shreyas Tater	108114088	Samsung Semiconductor India R&D	Implementation of new flow for MBIST Integration	Vyagrheswarudu Durga Nainala	2 months
Sibi Renganath S	108114089	Royal Bank of Schotland	Developers service portal	Venkat	1.5 months
T VENKATA SRI SIDDHI MANIKANTA	108114096	Samsung Semiconductor India R&D Centre(SSIR)	SSD Controller	Abdul K Latheef	May 15th - July 14th
T.Sai Susmita	108114098	IIT Hyderabad	Design of hybrid cache architecture using SRAM-STTRAM.	Prof. Sparsh Mittal	2 months
V Poornima	108114099	Samsung Semiconductors India R and D centre	CMOS Image sensor noise modelling	Ankush Chowdary	15th May, 2017 - 14th July, 2017
Vithya.M	108114105	IIIT Bangalore	Signal processing using embedded systems	Prof.Sachit Rao	2 months