

Department of Information Technology

Research Activity Report (Jan to June 2018)

1. Research activities of the faculty members:

Number of faculty in the Department : 36(2 submitted resignation,officially yet to be relieved)
 Number of faculty with Ph D qualification : 03
 Number of faculty pursuing Ph D : 15

A). Papers published by the faculty members in National and International Journals:

S.No	Name of the Faculty	Name of the Journal / Conference	Year	Title of the Paper
1	Dr. G. Sumathi	Biomedical Research-Special Issue	Special Issue: S380-S385 , ISSN 0970-938X ,20 Feb-18	Particle Swarm Optimization based workflow scheduling for medical applications in cloud
		Biomedical Research-Special Issue	Special Issue: S386-S393 , ISSN 0970-938X ,20 Feb-18	A Software design technique for developing medical expert systems through use case analysis
2	Ms. V. M. Sivagami	International Journal of Latest Trends in Engineering and Technology	Special Issue April-2018, pp. 016-023 e-ISSN:2278-621X, Apr-18.	Survey on Different Machine Learning Algorithms
		International Journal of Latest Trends in Engineering and Technology	Special Issue April-2018, pp. 016-023 e-ISSN:2278-621X, Apr-18	Societal Applications of IOT
		International Journal of Research	Mar-18	Virtual Machine Migration using Particle Swarm Optimization Algorithm in Mobile Cloud Computing
3	Dr. C. Yaashuwanth	Journal of Electrical Engineering : Volume 18 / 2018 - Edition : 1	2018	Embedded controller based maximum power point tracking for Photovoltaic System Using Adaptive Technique
		IETE Journal of Research	14-Jun-18	Optimal Partial Aggregation Based Energy Delay Compromise Technique for Wireless Sensor Network
		International Journal of Parallel Programming	13-Jun-18	QoS and QoE Enhanced Resource Allocation for Wireless Video Sensor Networks Using Hybrid Optimization Algorithm

4	Ms. B. T. Shobana	International Journal of Pure and Applied Mathematics	Volume -118,2018	A Personalised E-Learning System Using Reinforcement Learning Technique
5.	K.Suresh	International Journal of Innovative Research Explorer	Volume-5,Issue-5,May-2018	Automatic Railway Gate Level Control System

B). Papers presented by the faculty members in National and International conferences/ symposiums/ workshops:

S. No.	Name of Faculty	Title of the paper	Name of the Conference	Date
1.	Dr. V.Vidhya	Tamil Character Recognition from ancient Epigraphical Inscription using OCR and NLP	International Conference on Energy,Communication,DataAnalytics and Soft Computing	SKR Engineering College,1st & 2nd August 2017.
2	Ms. D. Jayanthi	Weather Data Analysis using Spark - An in-memory computing Framework	International Conference on Innovations in power and advanced Computing Technologies	Feb-18
3	Ms.V.M.Sivagami	Virtual Machine Migration using particle swarm optimization algorithm in mobile cloud computing	Innovations in Information and Communication Technology	Meenakshi Sundararajan Engineering college,March 2018.
4	Ms.V.M.Sivagami	Societal Applications on IOT	International Conference on Innovations in Information and Communication Technology	Meenakshi Sundararajan Engineering college,March 2018.
5	Ms.V.M.Sivagami	Survey on Machine Learning Algorithms	International Conference on Innovations in Information and Communication Technology	Meenakshi Sundararajan Engineering college,March 2018.
6	Mr.AR.Guru Gokul	A Study on Captcha's-The Challenge Response Test	International Conference on Innovations in Information and Communication Technology	Meenakshi Sundararajan Engineering college ,March 2018.
7.	Ms.V.M.Megala	Artificial Intelligence for Vision Impaired people	International Conference on Innovations in Information and Communication Technology	Meenakshi Sundararajan Engineering college ,March 2018.

C). National and International Conferences/ symposiums/ workshops attended by the Faculty members :

S.No	Name of the Faculty	Designation	Professional Activities (Membership Details, Invited talks, Reviewer, Conf Organizer, Conf Session Chair, Honors, Awards, Higher education details, etc.)	Name of Workshop/ Conference/ Seminar/ Training programmes etc	Conducted by/ Venue	Date(s)	If Sponsored by the College (Amount)
1	Dr. V.Vidhya	PROF & HEAD	ISTE,CSI,IAENG	Attended Two Days National workshop on “Deep Learning: Text Analysis & Image Processing”	SVCE	08/03/18 to 09/03/18	NO
				Attended FDP on” Leadership Skills”	ICT Academy,Chennai	13/6/2018 to 14/06/2018	NO
				Attended workshop on “Deep learning :Text Analysis &Image Processing”	SVCE	08/03/18 to 09/03/2018	NO
				Attended workshop on “Image analysis and processing using MATLAB”	VIN SOLUTIONS, Tirunvelveli	25/04/2018 to 27/04/2018	NO
2	Ms. V. M. Sivagami	ASSO. PROF	ISTE	Attended One day workshop on “Developing RYU SDN Applications”	SVCE	02-09-2018	NO
				Attended FDP on Internet of Things	CDAC, Chennai	08/01/2018 to 13/01/2018	NO
3	Dr. C. Yaashuwanth	ASSO. PROF	ISTE	Faculty Development Program on Cyber Security	Raja Rajeswari Engineering College	22/06/18	NO
				Attended FDP on” Leadership Skills”	ICT Academy,Chennai	13/6/2018 to14/06/2018	NO
4	Mr. S. Uvaraj Arutkumaran	ASST. PROF	ISTE	Attended FDP on Pursuing Emerging Technologies	Cognizant Mepz	26/05/2018	NO
4	Ms. N. Devi	ASST. PROF	ISTE	Attended FDP on Internet of Things	CDAC, Chennai	08/01/2018 to 13/01/2018	NO

5	Ms. B. T. Shobana	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
6	Ms. K. Kiruthika Devi	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
7	Ms. A. Kala	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
8	Ms. S. Kalavathi	ASST. PROF	ISTE	One day workshop "Developing RYU SDN Applications"	SVCE	02-09-2018	NO
9	Ms. P. Sharon Femi	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
10	Ms. D. Jayanthi	ASST. PROF	ISTE	Two days Internal auditor training programme	SVCE	12/02/18 to 13/02/18	NO
11	Mr. T. Sukumar	ASST. PROF	ISTE	Attended Two days workshop on "React Up"	SVCE	9/03/18 to 10/03/2018	NO
				Attended FDP and Workshop on Certified Cyber Security Professional (CCSP)	NCDRC, Bangalore	22/06/2018 to 24/06/2018	NO
				Attended seven days FDTP on EE6502 - Microprocessors and Microcontrollers	SVCE	07/06/18 to 14/06/18	NO
				Attended one day FDP(22nd June 2018) on cyber security	Raja Rajeswari Engineering College	22/06/18	NO
12	Ms.R.Saktheeswari	ASST. PROF	ISTE	Attended FDP on "Introduction to R Programming"	Ethiraj College of Engineering	27/04/2018 to 28/04/2018	NO
13	Ms. G. Sangeetha	ASST. PROF	ISTE				

14	Ms. P. Nirmala	ASST. PROF	ISTE	One day workshop on “Workshop on IoT Enabled Computer Vision and Analytics”	SSN College of Engineering	03-02-2018	NO
				Deep Dive Faculty Enablement Program on FP 5.0	Rajalakshmi College of Engineering	23/04/18 to 27/04/2018	NO
15	Ms. A. Rohini	ASST. PROF	ISTE	Attended One day workshop “Developing RYU SDN Applications”	SVCE	02-09-2018	NO
16	Mr. V. Rajaram	ASST. PROF	ISTE	Attended FDP on Pursuing Emerging Technologies	Cognizant Mepz	26/05/2018	NO
17	Ms. N. Uma	ASST. PROF	ISTE	Attended One day workshop on “Workshop on IoT Enabled Computer Vision and Analytics”	SSN College of Engineering	03-02-2018	NO
				Attended a FDP on “UI Technologies”	ACHARYA College of Engineering	29/01/18 to 03/02/2018	NO
				Attended FDP on Pursuing Emerging Technologies	Cognizant Mepz	26/05/2018	NO
18	Ms. A. Indumathi	ASST. PROF	ISTE	Attended Two days workshop on “React Up”	SVCE	9/03/18 to 10/03/2018	NO
19	Ms. K. Nivethaa Shree	ASST. PROF	ISTE	Attended One day workshop on “Workshop on IoT Enabled Computer Vision and Analytics”	SSN College of Engineering	03-02-2018	NO
20	Ms. C. Silambarasi	ASST. PROF	ISTE	Attended One day workshop on “Workshop on IoT Enabled Computer Vision and Analytics”	SSN College of Engineering	43134	NO
				Attended FDP on Pursuing Emerging Technologies	Cognizant Mepz	26/05/2018	NO

21	Ms. S. Jerusha	ASST. PROF	ISTE	Attended 3 Days seminar on "Cloud based Healthcare System" sponsored by Indian Council of Medical Research	RMK College of Engineering	21/06/2018 to 23/06/18	NO
22	Mr. E. Sakthivel	ASST. PROF	ISTE	Two days workshop on "React Up"	SVCE	9/03/18 to 10/03/2018	NO
				One day workshop "Developing RYU SDN Applications"	SVCE	02-09-2018	NO
				Attended One Day Workshop on "HPE Simplivity hyper converged infrastructure"	Crowne Plaza Adyar Gate	24/01/2018	NO
23	Ms. Kiruba Wesley	ASST. PROF	ISTE	Attended 3 Days seminar on "Cloud based Healthcare System" sponsored by Indian Council of Medical Research	RMK College of Engineering	21/06/2018 to 23/06/18	NO
24	Ms. V. M. Megala	ASST. PROF	ISTE	Attended Two days workshop on "React Up"	SVCE	9/03/18 to 10/03/2018	NO
				Attended FDP on Deveops and AI/Deep learning, conducted by Accenture	Amirtha viswa vidhya peetam, Coimbatore	13/03/18 to 14/03/2018	NO
25	Ms. J. Sharon Ranjitha Esther	ASST. PROF	ISTE	Attended special talk on "Data Science"	SVCE		NO
26	Mr. V. Ranjith	ASST. PROF	ISTE	FDP on Deveops and AI/Deep learning, conducted by Accenture	Amirtha viswa vidhya peetam, Coimbatore	13/03/18 to 14/03/2018	NO
27	Mr. AR. Guru Gokul	ASST. PROF	ISTE	Attended One Day Workshop on "HPE Simplivity hyper converged infrastructure"	Crowne Plaza Adyar Gate, Alwarpet	24/01/2018	NO
				WIPRO Certified Faculty Development Program on J2EE	Wipro, Bangalore	07/05/18 to 18/05/18	NO

				webinar on “Guidelines for creating FP Hands-on Assignments”	SVCE	25/01/2018	NO
28	Mr. E. Siva kumar	ASST. PROF	Not applied	Attended Two days workshop on “React Up”	SVCE	9/03/18 to 10/03/2018	NO
				Attended One day workshop “Developing RYU SDN Applications”	SVCE	02-09-2018	NO
				Attended a webinar on “Guidelines for creating FP Hands-on Assignments”	SVCE	25/01/2018	NO

2) Departmental research activities:

A) Symposium, Conferences, Workshop and Guest lectures Conducted:

EVENTS/PROGRAMMES ORGANIZED BY EDC / IT DEPARTMENT FOR 2017-18

S. No	Programme/Event	Coordinator	No. Of Participants	Date	Total No. of Days
1.	Orientation Programme on Entrepreneurship (W100 Course)	Ms. A Rohini	51 III Year IT	22-12-2017	1
			32 I & II Year IT	07-02-2018	1
2.	Innovation Project Proposal for DST	Ms. A Rohini	70 (30 Batches) II & III Year IT	11-01-2018	1
3.	Interview for Shortlisted Proposals	Ms. A Rohini	30 (12 Batches) II & III Year IT	30-01-2018	1
4.	Entrepreneurship Awareness Camp	Ms. A Rohini	50 I & II Year IT	31-01-2018 to 02-02-2018	3

EVENTS/ PROGRAMMES ORGANIZED BY IT DEPARTMENT THROUGH MOU FOR 2017-18

S. No	Programme/ Event	Coordinators	No. Of Participants	Date	No. of Days
1.	GL on “Cyber Forensics”	Mr. AR. Guru Gokul Mr. E. Sakthivel	89 (III & IV Year IT)	28-12-2017	Half Day
2.	GL on “Motivational talk on Entrepreneurship”	Mr. AR. Guru Gokul Mr. E. Sakthivel	60 (III Year IT)	05-01-2018	Half Day
3.	Workshop on “HPE Simplivity hyper converged infrastructure”	Mr. AR. Guru Gokul Mr. E. Sakthivel	2 (IT Faculty)	24-01-2018	Half Day
4.	Webinar on “Guidelines for creating FP Hands-on Assignment Creation”	Mr. AR. Guru Gokul Mr. E. Sakthivel Mr. E. Sivakumar	15 (IT & CS Faculty)	25-01-2018	Half Day
5.	FEP on “User Interface Technology”	N/A	2 (IT & CS Faculty)	29 th Jan to 03 rd Feb 2018	6
6.	Guest Lecture on “Career Awareness”	Mr.E.Sivakumar,AP/IT, Ms.A.Rohini,AP/IT		23rd January 2018	Half Day

- Mr,E,Sakthivel,AP/IT,Mr.E.Sivakumar,AP/IT ,Organized a Guest Lecture on “Motivational talk on Entrepreneurship in Cyber Security” conducted at Sri Venkateswara College of Engineering, Sriperumbudur on 5th January 2018.
- Mr.E.Sivakumar,AP/IT, Ms.A.Rohini,AP/IT, Organized a Guest Lecture on “Career Awareness” conducted at Sri Venkateswara College of Engineering, Sriperumbudur on 23rd January 2018.
- Mr.E.Sakthivel,AP/IT Coordinated a webinar on “Guidelines for creating FP Hands-on Assignments” conducted at Sri Venkateswara College of Engineering, Sriperumbudur on 25th January 2018 presented by Infosys Campus Connect team, Chennai.
- Ms V.M.Sivagami, Associate Professor/IT, Mr V.Ranjith AP/IT organized seminar on “IoT & Skills needed in organization.” By Mr L.Jayanth Kumar of Western Digital Company,Bangalore on 29th January 2018
- On the 30th of January 2018 Mr.Sarveswaran Meenakshi Sundaram, Architect in Ericcson, delivered a Technical Talk on “A Cryptic guide to bits, coins, blocks and chains” which was followed by a lecture on “Developing Global Ready software” by Mr.Kamalakaran Ranganathan, Senior Architect, Ericcson.
- Ms.A.Rohini, AP/IT, delivered talk on “Establishing a small business unit (Technical and Commercial aspects in Software)” in the “Entrepreneurship Awareness Camp” conducted on 31//1/18 to 2/2/18.
- Mr.E.Sakthivel,AP/IT ,Mr.Mr.AR.Guru Gokul,AP/IT ,AP/IT,Organized a Guest Lecture on “Preparing for Work” conducted at Sri Venkateswara College of Engineering, Sriperumbudur on 7th February 2018.

- Ms. S.Kalavathi, AP/IT & Ms G.Sangeetha, AP/IT organized Technical Talk on “Career Guidance for Higher Education” by Mr. Amit Ravindra, Co-founder of 'Think and Learn'(Byju's) on 14th February 2018,
- Mr. T.Sukumar, AP/IT & Mr. K.Suresh, AP/IT organized seminar on “Strategy on Entrepreneurship” by Mr. Madhu Gurunathan Nagarajan, CEO of Al-Hedaf groups, UAE on 20th February 2018.
- Ms. P.Leela Rani, AP/IT & Ms. D.Jayanthi, AP/IT organized seminar on “Future Scope of IT in Digital Transformation” by Ms. Mary Rani Territory Delivery Head, NIIT Limited on 21/02/2018.
- Ms.Sharon Femi,AP/IT,Ms.P.Nirmala,AP/IT,Mr.Mr.AR.Guru Gokul,AP/IT ,AP/IT,Organized Two Days Workshop on “REACT UP” conducted at Sri Venkateswara College of Engineering, Sriperumbudur during 9th & 10th March 2018.
- Mr.E.Sakthivel,AP/IT ,Mr.E.Sivakumar,AP/IT,Organized a Brainstorming session on “Infosys Campus Connect Foundation Program 5.0 - Roadshow” conducted at Sri Venkateswara College of Engineering, Sriperumbudur on 10th March 2018.

B) Ongoing funded projects in the in the Department:

Ms.Rohini AP/IT and Hemavathy. R, Vedha Shree. V of IV year IT got selected for intramural funding for the Project titled “Effect and analysis of ADHD on the social skills of school –age children using fMRI” with an amount of Rs.10,000/- in the month of March 2018.

C)Projects submitted to Funding Agencies by the Department: Nil

D). Research centre status of the department:

The department is recognized as a Research Centre by Anna University since April 2011

3) Student Research Activities:

1) A). List of projects carried out by the students in the department as in house and Industrial project:

Batch No	Name of the Student	Reg. No	Roll No.	Domain	Inhouse/ Industry	Project Title
B1	SYED ABDUL RAHMAN A S	212714205084	84	Image Processing	Inhouse	Visual question answering based on Image captioning attributes
	MANTHIRA PARTHIBAN P	212714205052	52			
	SAI KUMAR V.R	212714205073	73			
B2	MARIAMMAL C	212714205053	53	Networks	Inhouse	Decreasing ICI for zigbee networks in 5G environment using zero forcing method
	YUVAPRIYA S	212714205101	101			
B3	MOHAMMED ASIF J.K	212714205054	54	Cloud Computing	Industry	Joint cyber security and insurance
	RAMSURATKUMAR	212714205068	68			
	ViGNESHWARAN S	212714205091	91			
B4	NATTIYA S	212714205056	56	Network Security	Industry	An efficient authentication and

	NIKHILAA S	212714205057	57			confidentiality scheme for post disaster management
	NIVETHIDHAA M.M	212714205060	60			
B5	PARUL GAJARAJ	212714205061	61	Data Mining	Inhouse	Early detection of Chronic diseases using SPADE and cocurrence pruning
	PRIADARSHINI S	212714205065	65			
B6	POORNIMA R	212714205062	62	Network Security	Inhouse	Architecture aspects on combinational multipath TCP in system circumstances
	SIVASRI P	212714205080	80			
	YAAMINEE M	212714205098	98			
B7	PRASANA R	212714205063	63	Image Processing	Inhouse	Particle Swarm Optimization and SURF algorithm for copy move forgery detection
	SATHISH K	212714205075	75			
	SABARI ANAND	212714205071	71			
B8	PREM KUMAR M	212714205064	64	Cloud Computing	Inhouse	Virtual Machine migration using prioritized meta heuristic algorithm in mobile cloud computing
	VASANTHAM S	212714205088	88			
	VISHNU KUMAR M	212714205095	95			
B9	RAGHUVARAN V	212714205066	66	IoT & Artificial Intelligence	Industry	A smartphone based road safety system for automobiles
	SAI PRIYA	212714205074	74			
B10	RAJESH S	212714205067	67	DataMining	Inhouse	Question routing based on topic tag word model
	TAMIL SELVAN B	212714205086	86			
	SUGUMAR M B	212714205082	82			
B11	RASIKHA T	212714205069	69	Machine Learning	Inhouse	Foresighting Tutee Praxis
	SHRUTHI V	212714205079	79			
B12	SHARMILA P	212714205076	76	Machine Learning	Inhouse	Prediction of precipitation using Machine Learning Algorithms
	SUGANYA B	212714205081	81			
B13	SURYA PRAKASH M	212714205083	83	Network Security	Inhouse	Fully incremental visual cryptography with stegnography and encryption
	VISWANATHAN T	212714205097	97			
	YASHWANTH S	212714205099	99			
B14	TAMILAZHAGI S	212714205085	85	Cloud Security	Inhouse	Hindering cross side channel attack in cloud computing
	VIJITHA K	212714205092	92			
	VINU AKSHYA B	212714205093	93			
B15	VENKATESH K Y	212714205090	90	Network Security	Industry	Two factor authenticated key exchange for mobile devices
	TARUN R	212714205087	87			
	SABARI RAMANATH	212714205072	72			
B16	SHEBUEL ASHER PAUL J	212714205077	77	Network Security	Industry	An efficient intrusion detection using traffic pattern sequencing
	RITESH JAIN	212714205070	70			
	VISHWANG R.SHAH	212714205096	96			
B17	NAGESHWARASAIRAM	212714205055	55	Machine Learning	Industry	Content based dynamic load

	NIKHILNANDHA K R	212714205058	58			balancing for heterogenous web server using ML
	VISHAL R	212714205094	94			
B18	NITHYA B	212714205059	59	Data Analytics	Inhouse	Stock market prediction using Neural network approach.
	YESWANTH S	212714205100	100			
A1	AARTHI D	212714205001	1	Social Networking	Inhouse	Misinformation blocking using dynamic threshold model in social network
	ANISSHA M	212714205010	10			
	BALAJI P R	212714205022	22			
A2	ADITHYA SIVA	212714205003	3	Network Security	Inhouse	Creation and administration of honey pots for the diagnosis of computerised assault in social networking
	BHARATH B	212714205025	25			
	KAVIBHARATHI M	212714205046	46			
A3	ADITYA RAM B	212714205004	4	Big Data	Inhouse	Identification of group emotion using social media data
	JESHWANATH V	212714205042	42			
	KANJARLA AKHILA	212714205043	43			
A4	AJAY KUMAR K	212714205005	5	Cloud computing	Industry	Secure database transaction on cloud
	AMRIN A	212714205006	6			
	ARIHANT R	212714205014	14			
A5	ANAND K	212714205007	7	Image Processing	Inhouse	Handwriting Recognition using CNN
	ANANDH KISHAN S	212714205008	8			
	CLINTON DAVID RAJ KUMAR J	212714205027	27			
A6	ANIRUTH NARAYAN E	212714205009	9	Image Processing	Inhouse	Biometric fusion using wavelet transform and particle of swarm
	DINESH KUMAR V	212714205031	31			
	GOBIKRISHNA S	212714205032	32			
A7	ARAVINDHAN S J	212714205012	12	Internet of Things	Industry	Smart pill dispenser
	BALAMURUGESAN A	212714205023	13			
	JEAN DELBERK M	212714205040	40			
A8	ARJUN R	212714205015	15	Data mining	Industry	In-home therapy
	ATHITH A C	212714205021	21			
	KRISHNA P	212714205048	48			
A9	ARUNACHALAM S	212714205016	16	Network Security	Indusstry	Authentication using lightweight cryptographic technique
	MANIKANDAN E	212714205050	50			
	MANOJPRABHAKAR M	212714205051	51			
A10	ARVIND S	212714205018	18	Big Data and Deep Learning	Inhouse	Extreme weather detection using deep learning
	ASWIN KUMAR M	212714205019	19			
	ASWIN RAJ G	212714205020	20			
A11	HARIKAMBA YANDAMURI	212714205034	34	Deep Learning	Inhouse	A hybrid neural architecture using

	JAKKULA NISHITHA	212714205038	38			MLP and Hopfield for predicting pregnancy outcome in SLE affected women
	JASMITHA K	212714205039	39			
A12	JEEVAKAN V R	212714205041	41	Data mining	Industry	Review of products via facial expression
	KARTHIK S S	212714205045	45			
	KIRUBHAKARAN C	212714205047	47			
A13	ARUNACHALAM S	212714205017	17	Software Defined Networking	Inhouse	Detracting TCP SYN flooding attacks in SDN
	HINDUMATHY M	212714205037	37			
A14	ABIRAM VYAS	212714205002	2	Software Defined Networking	Inhouse	Design of a 5G network-An SDN-NFV approach using cost optimal models in heterogeneous network
	DEEPAK VISHAL V	212714205028	28			
A15	CHALAPATI VIVEK	212714205026	26	Machine Learning	Inhouse	Summarization using Natural Language Processing
	GOKHULA KRISHNA M	212714205033	33			
	KARTHIK P	212714205044	44			
A16	DHAARUN RAJA A G	212714205029	29	Network Security	Indusstry	Privacy preserving data Encryption strategy using D2ES
	DINESH KUMAR P	212714205030	30			
	LOKESH V	212714205049	49			
A17	APARNA V	212714205011	11	Networks	Industry	Container based healthcare management system using intelligent models
	BENNY DANIEL THARIGOPALA	212714205024	24			
AB01	HEMAVATHY R	212714205036	36	Image Processing	Inhouse	Analysis and effects of ADHD on the social skills of school aged children using fMRI
	VEDHA SHREE V	212714205089	89			

B). Research Publications by students in National and International Journal:-

C) National /International Conference presented by the Students:-

S. No	Name of Student	Reg No	Title of the paper	Name of the Conference/ symposium/ workshop	National/ International	Prize/ Awards	Venue	Date
1	Mohamed Hashim A Mohamed Ashiq A	160801051 160801050	Oxy-Hydrogen Gas as Automobile Fuel	SECE Quintessence	National	Participation	Easwari Engineering College	5 th Jan 2018

S. No	Name of Student	Reg No	Title of the paper	Name of the Conference/ symposium/ workshop	National/ International	Prize/ Awards	Venue	Date
2	Princy Shakila R Pooja K Sangeetha P Thejaswini T	212715205068 212715205063 212715205077 212715205099	IoT Air And Sound Pollution Monitoring System	Techisetz' 18, Technical Symposium	National	3 rd Prize	Jeppiaar Institute of Technology	9 th Feb 2018
3	Rohith R Shyam Kumar E Shravan B	212715205072 212715205082 212715205081	Wireless Monitoring of Soil Moisture, Temperature, Humidity and to Control Pests in an Agricultural Field	Samhita'18	National	Participation	Madras Institute of Technology	16 th and 17 th Feb 2018
4	Archana C Keerthi K Arthi R Bhuvaneshwari S	212715205007 212715205040 212715205010 212715205016	Trash Eased – Waste Management Project	Techcresce nza'18	National	Participation	R.M.D Engineering College	26 th Feb 2018
5	Uthra A Arivumathi R	212715205101 212715205009	Smart Report	Techcresce nza'18	National	Participation	R.M.D Engineering College	26 th Feb 2018
6	Prem Kumar M Vishnu Kumar M V.M.Sivagami	212714205064 212714205095 AssocProf/IT	Virtual Machine Migration using Particle Swarm Optimization Algorithm in Mobile Cloud Computing	International Conference on Innovations in Information and Communication Technology-2018, ICICT'18	National	Participation	Meenakshi Sundararajan Engineering College	9 th & 10 th Mar 2018
9	Thejaswini T Swathi R	212715205099 212715205095	IoT and Sustainable Energy Systems	Daksh'18	National	3 rd Prize	Sastra Deemed University	23 rd Feb 2018
10	Ishwariyan K Gowtham K Jaganathan V	160801031 160801029 160801032	Automated Car Parking	Daksh'18	National	2nd Prize	Sastra Deemed University	23rd Feb 2018
11	Pavithra G Sowmiya N	212715205062 212715205087	Smart Farming System	Techcresce nza'18	National	Participation	R.M.D Engineering College	26 th Feb 2018

S. No	Name of Student	Reg No	Title of the paper	Name of the Conference/ symposium/ workshop	National/ International	Prize/ Awards	Venue	Date
12	Shakthi narayan S R	212715205080	Image Processing on Human Behaviors Based on Human Action using ANN	Samhita'18	National	Participation	MIT, Chennai	16 th and 17 th Feb 2018
13	Parthyusha Reddy T Padma Shneha	212715205067 212715205061	Artificial Intelligence for Vision Impaired People	ICISSE'18	International	Participation	CSI, Meenakshi Sundararajan Engineering College	16 th & 17 th Mar 2018
14	Sahana Nagarajan Tandra Supraja	212715205074 212715205096	Societal Applications of IoT	ICISSE'18	International	Participation	CSI, Meenakshi Sundararajan Engineering College	16 th & 17 th Mar 2018

D) Research Presentations by students in National and International Conferences/ symposiums/ workshops:

S. No.	Name of Student	Reg No	Name of the Conferences/ symposiums/ workshops	National/ International	Venue	Date
1	Susheel G	212715205094	Workshop on “Android”	National	UNIQ Technologies	29th Dec 2017
2	Sangeetha P Princy Shakila Roshini Joysan Jawahar S A	212715205077 212715205068 212715205036	S-Pay Wokshop	National	CEG, Anna University	1st Feb 2018
3	Thejaswini T Pooja K Visvam J Harini S Diya Anna Biju	212715205099 212715205063 212715205114 212715205029 212715205020	Blockchain Workshop	National	CEG, Anna University	2nd and 3rd Feb 2018
4	Varun Krishna S Swathi D Priyanka N R	212715205104 160801110 160801077	Ethical Hacking Workshop	National	E-Cell, IIT Madras	3rd and 4th Feb 2018
5	Lokesh V Deepika S	212714205049 170801024	Workshop on Amazon Alexa	National	Samhita'18	16th & 17th Feb 2018
6	Syed Abdul Rahman A S Mohamed Ashiq A	212714205084 160801050	Workshop on Deep Learning: Text Analysis & Image Processing	National	SVCE, NWDLTAIP' 18	8th & 9th Mar 2018

S. No.	Name of Student	Reg No	Name of the Conferences/ symposiums/ workshops	National/ International	Venue	Date
7	Guru Prasad S Harish Sriram S	212715205027 212715205032	Workshop on ReactUp	National	SVCE	9th & 10th Mar 2018
8	Mohamed Hasim A Mohamed Ashiq A JeyaShree S Ambrish Tiwari S Nithyashree M	160801051 160801050 160801036 160801008 160801061	Workshop on Ethical Hacking	National	Panimalar Institute of Technology	21st Feb 2018
9	Subramanya SujithM Shriram S Shri Gaayathri K Sreenidhi M J Surabi Sri Dhanya S	160801102 160801094 160801093 160801098 160801104	Workshop on Stockmarket	National	Enantra 2018, CEG	9th Feb 2018
10	Nivedha S	160801062	Workshop on Python Programming	National	Samhita'18	16th and 17th Feb 2018
11	Swathi D	160801110	Workshop on Ethical Hacking and Cyber Forensics	National	Samhita'18	16th and 17th Feb 2018

Events:

S.No	Name of the Student	Reg.No	Name of event	Prize/ Participation	Organized by & Venue	Date
1	Vedhashree.V Hemavathy.R	212714205036 212714205089	Chennai Science Festival-2018	Submitted project titled "Identifying Attention – Deficit/Hyperactivity Disorder among Children" on the theme "Health for all"	organized by Science City Chennai, Government of Tamil Nadu	29th Dec 2017
2	Kurubaran A Kousalya B Kowshalyaa J K Abhinaya S	212715205044 212715205042 212715205043 212715205002	Web Designing	Participation	CSI State Level Student Convention, TECHWAVES S.A. Engineering College	5th Jan 2018
3	Priyanka N.R, Pavithra.K, Preethi.M, Shoundarya.P, Rashika.V, Nivetha.R	160801077 160801068 160801074 160801091 160801079 160801063	Smart India Hackathon 2018	Proposed an innovative solution for the problem "Parking space availability check, guidance and speed limit check"	AICTE, Government of India	11th Jan 2018
4	Kurubaran A Kousalya B	21271520504421271 5205042	Quiz	Participation	CSI State Level Student Convention, TECHWAVES S.A. Engineering College	5th Jan 2018
5	Sruthi V Pavithra G Srimathi R S Sowmiya N Uthra A Ramya A	212715205091 212715205062 212715205088 212715205087 212715205101 212715205070	Smart India Hackathon 2018	Proposed an innovative solution for the problem "Women Welfare Schemes Under One Canopy Bharathiya Mahila Sangh"	AICTE, Government of India	11th Jan 2018
6	Varun Krishna S Vignesh K Vikram Kannan M Visvam J Sriram K Shakthi Narayan S R	212715205104 212715205107 212715205112 212715205114 212715205090 212715205080	Smart India Hackathon 2018	Proposed an innovative solution for the problem "Developing e-platform for successful entrepreneurship"	AICTE, Government of India	11th Jan 2018
7	Naveen Sankar K S Mithun Kumar A Gayathri M Felcia Jasmine J Divyadharshini R M Archana C	212715205054 212715205051 212715205023 212715205021 212715205019 212715205007	Kurushetra event	Participation	CEG, Anna University	31st Jan – 3rd Feb 2018
8	Vignesh S Yogendiran S Siva Suriyan K Susheel G Prajit S S	212715205108 212715205115 212715205085 212715205094 212715205064	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018
9	Shyam Kumar E Sushanth G B Rohith R	212715205082 212715205093 212715205072	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018

10	Sriram K Shakthi Narayan S R Vikram Kannan M Visvam J Valliappan K	212715205090 212715205080 212715205112 212715205114 212715205102	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018
11	Kurubaran A Joysan Jawahar S A Jagroshan R Varun Krishna S Vignesh K	212715205044 212715205036 212715205035 212715205104 212715205107	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018
12	Diya Anna Biju Harini S Keerthana S Malavika H Mathumitha V	212715205020 212715205029 212715205039 212715205049 212715205050	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018
13	Lokesh V Aswin Raj G Jaswanth K	212714205049 212714205020 160801033	JIT Hackathon#1.0	Participation	JIT, Sriperumbudur	6th – 8th Feb 2018
14	Athipathi J Gangadharan A Gokul V	212715205014 212715205022 212715205025	ITrix'18	Participation	CEG, Anna University	9th Feb 2018
15	Archana C	212715205007	Debugging, Street Coding, OSCP	Participation	CarteBlanche18	9th – 11th Feb 2018
16	Arthi R Bhuvaneshwari S Keerthi K Malarvizhi V	212715205010 212715205016 212715205040 212715205048	Debugging, Street Coding, Hackknight	Participation	CarteBlanche18	9th – 11th Feb 2018
17	Arivumathi R	212715205009	Debugging, Street Coding, Hackknight, Inscribed	Participation	CarteBlanche18	9th – 11th Feb 2018
18	Lokesh V	212714205049	Street Coding	Participation	Samhita'18	16th & 17th Feb 2018
19	Lokesh V	212714205049	Web Development	3rd Prize	Samhita'18	16th & 17th Feb 2018
20	Delphi.R Nandhini.R	160801024 160801055	C^3(coding event) All language coding event.	First prize in c^3 event. 3000 cash award. Internship in GUVI	Department of Information science and technology, college of engineering, Guindy.	9th & 10th feb 2018
21	Jaswanth K	160801033	Startup Weekend Chennai- CEG Edition powered by Google for Entrepreneurs	2nd Prize	CEG, Anna University	9th – 11th Feb 2018
23	Archana C Keerthi K Arthi R	212715205007 212715205040 212715205010	Techcrescenza'18 Coding and Debugging Event	Participation	R.M.D Engineering College	26th Feb 2018

	Bhuvaneshwari S Uthra A Pavithra G Sowmiya N	212715205016 212715205101 212715205062 212715205087				
24	Arivumathi R	212715205009	Techrescenza '18 Technical Quiz	Participation	R.M.D Engineering College	26th Feb 2018
25	Arivumathi R	212715205009	Rendezvous 2k18 Mock Interview	1st Prize	R.M.D Engineering College	26th Feb 2018
26	Abdullah M Harish A	212715205001 212715205030	Conservation of Olive Riddley Sea Turtle	Government Wildlife Project Development	Forest department Project, Saidapet	21st Feb 2018
27	Mohamed Ashiq A Ambrish Tiwari S	160801050 160801008	Project Expo-2018	Participation	IEEE Student Branch, Kanchipuram	13th & 14th Mar 2018
28	Jaswanth K	160801033	Developed CSC Mock Test Android App for CSC Computer Education (P) Ltd.	Developed Android App	CSC Computer Education (P) Ltd.	Apr 2018
29	Jaswanth K	160801033	Paper Presentation on "Smart Ambulance"	First Prize	SVCE Innovates'18	23rd Mar 2018
30	Jaswanth K	160801033	Hackathon	Participation	Samhita'18	16th and 17th Feb 2018
31	Suvadha V Vishnu Priya T S Revathy V Shobiya L Anitha K Abinaya J	170801100 170801110 170801077 170801090 170801007 170801001	Kurushetra event	Participation	CEG, Anna University	31st Jan – 3rd Feb 2018
32	Mohamed Ashiq A	160801050	Hackathon	Participation	CARTE BALANCHE ' 18 Inter College Technical Symposium, Computer Society of MIT, Anna University, chennai	9th – 11th Feb 2018
33	Kaaviya Baskaran	170801041	Heapify	Participation	Samhita'18	16th & 17th Feb 2018
34	Kapilaa Ramanathan	170801043	Reverse Coding	Participation	Samhita'18	16th & 17th Feb 2018
35	Vishnu Priya R	160801120	Buzz Fever, Code full, Tech War, Poster Splash	Participation	Techisetz'18, JIT, Sriperumbudur	9th Feb 2018
36	Nerosha Senthil K Lakshmi B	160801059 160801043	Technical Connections/ Technical quiz	Participation	Panimalar Institute of Technology	21st Feb 2018
37	Monisha P S Kanimozi E	160801054 160801037	Itrix'18	Participation	CEG, Guindy	9th and 10th Feb 2018

4) **Sponsorship details of faculty and students:**

I) Sponsorship for faculty members:

A) Faculty sponsored for presentation in National Conferences/ symposiums/ workshops: Nil

B) Faculty sponsored for presentation in International Conferences/ symposiums/ workshops: Nil

C) Faculty sponsored for attending national Conferences/ symposiums/ workshops:

S.No	Name of the Faculty	Designation	Professional Activities (Membership Details, Invited talks, Reviewer, Conf Organizer, Conf Session Chair, Honors, Awards, Higher education details, etc.)	Name of Workshop/ Conference/ Seminar/ Training programmes etc	Conducted by/ Venue	Date(s)	If Sponsored by the College (Amount)
1	Ms. B. T. Shobana	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
2	Ms. K. Kiruthika Devi	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
3	Ms. A. Kala	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500
4	Ms. P. Sharon Femi	ASST. PROF	ISTE	Attended Seminar on "Information Technology - Research Colloquim"	SSN College of Engineering	23/03/2018 to 24/03/2018	500

II) Sponsorship for Students:

A) Students sponsored for presentation in National Conferences/ symposiums/ workshops: Nil

B). Students sponsored for presentation in International Conferences/ symposiums/ workshops: Nil

C). Students sponsored for attending national Conferences/ symposiums/ workshops: Nil

5) Research cell(s) /area(s) of research in the department:

5.i. Grid Computing - Dr. G. Sumathi supervising Research Scholars

5.ii. Embedded systems - Dr. C. Yaashuwanth supervising research scholars

6) Consultancy work in the department: Nil

7) Patent information: Nil