CSE Department News Letter | 2019

VELAGAPUDIRAMAKRISHNASIDDHARTHAENGINEERING COLLEGE

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

NEWS LETTER

Biannual

(For Private Circulation Only)

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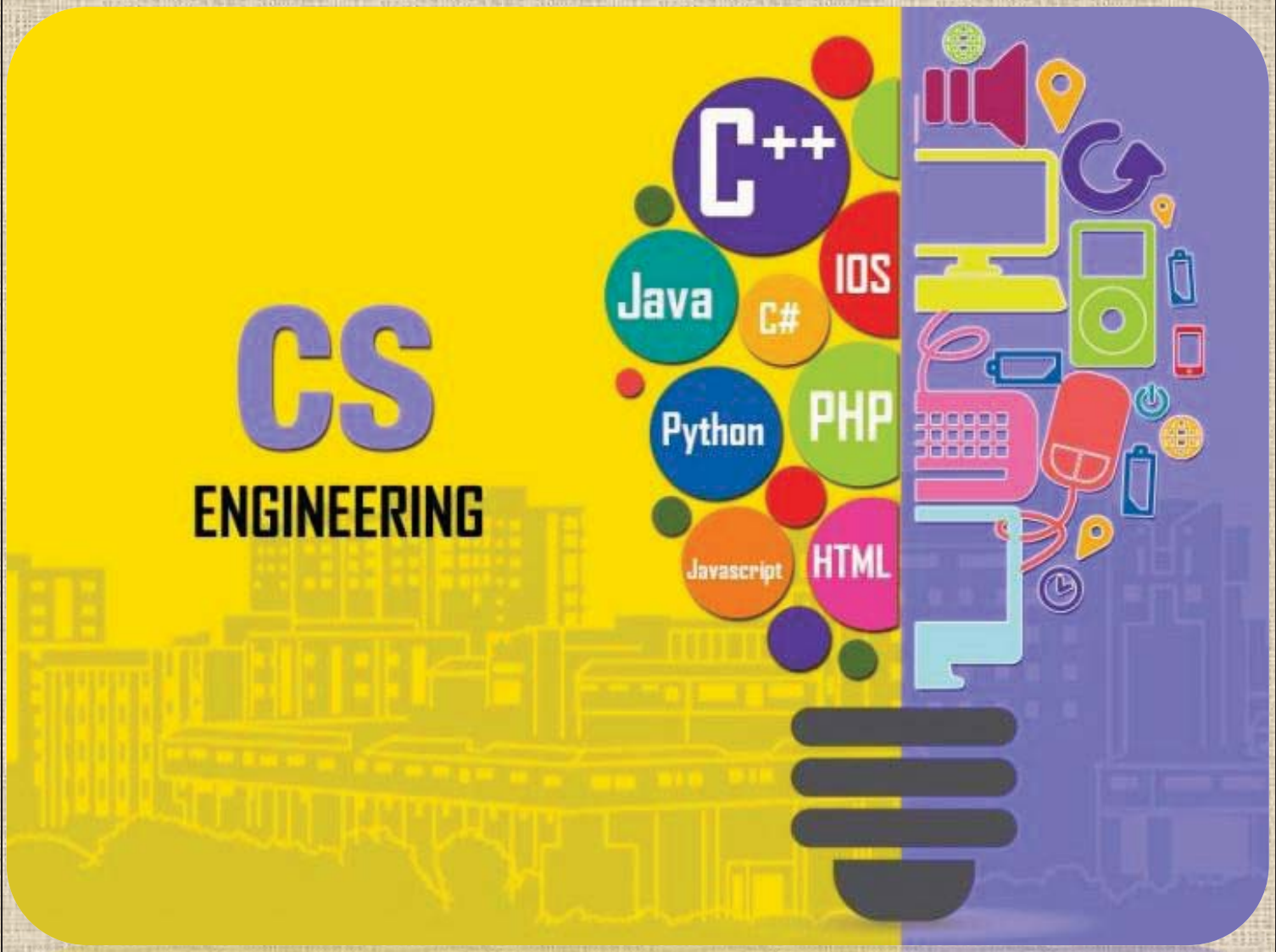


VRSEC
VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(Sponsored by Siddhartha Academy of General & Technical Education)
Estd. 1977

DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

About the Department

The Department of Computer Science and Engineering was established in the year 1985 with its cohesive team of faculty members, offers a sound program at the UG as well as the PG levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. Also Department has a thriving research environment with active research groups in the areas of Bioinformatics, Data and Web Mining, Information and System Security, Computer Networks, Digital Image Processing and Video Analytics.

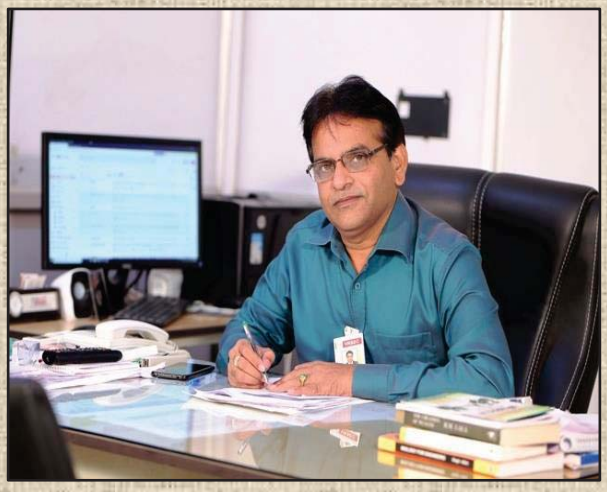
Governing Body Members

Sri.N.Venkateswarlu
President, SAGTE

Sri.P.LakshmanaRao
Secretary, SAGTE

Sri. M. Rajaiah
Vice-President & Convener, SAGTE

Dr A V Ratna Prasad
Principal, VRSEC



Dr D Rajeswara Rao
Prof. & HOD: CSE Department

Events Organized in the Department

Three Day Hands- on Training Program on **"Web Entrepreneurship Development"** 31st January 2018 to 2nd February 2019

One Day workshop on "**Unmanned Aerial Vehicles (UAV)"** 25th March 2019

Two Day Workshop **on "Development of Smart Devices for Societal Problems" on** 6th to 7th May 2019

S.No	Type of Event	Title + Resource Persons
1.	Hands- On Training	Three Day Hands- on Training Program On **"Web Entrepreneurship Development"** 31st January 2018 to 2nd February 2019
2.	Workshop	One Day workshop on "**Unmanned Aerial Vehicles (UAV)"** Dr Balasubramanyam, Assoc Prof, Dept of ME, Veltech University Mr Silambarasan, Senior Research Fellow, Research Park, Veltech University 8th March 2019
3.	Guest Talk	Guest Talk on "**Skillset for Modern Engineers**" Mr Venkat Ikkurthy Data Scientist, Bayer Pharmaceutical, USA 25th March 2019
4.	Workshop	A Two Day Workshop **on "Development of Smart Devices for Societal Problems"** Dr. Mariadoss Arulanandam Assistant Director (Ento/RPM) National Institute of Plant Health Management Ministry of Agriculture & Farmers Welfare Government of India Hyderabad, Telangana 6th to 7th May 2019

Publications in International Journals

1. B Madhav Rao , V Srinivasa Rao , K Srinivas Analysis of Pruned Protein-Protein Interaction Network Using Diffusion Method International Journal of Research In Electronics And Computer Engineering Vol. 7, Issue 1, March-2019 2393-9028
2. B Madhav Rao , V Srinivasa Rao , K Srinivas Classification of Breast Cancer Proteins using DRNN Method International Journal of Computer and Sciences Volume-7, Issue-2 Feb, 2019 2347-2693 SCOPUS.
3. Nallamala, S.H., Pathuri, S.K., Koneru, Suvarna Vani Qualitative Metrics on Breast Cancer Diagnosis with Neuro Fuzzy Inference Systems; International Journal of Advanced Trends in Computer Science and Engineering Vol.8,No.2,March-April 2019 2278-3091 SCOPUS
4. Nallamala, S.H., Pathuri, S.K., Koneru, Suvarna Vani Breast Cancer Detection using Machine Learning Approaches International Journal of Recent Technology and Engineering Vol.7 Issue 5S4,Feb-2019 pp.478-481 2277-3878 SCOPUS
5. D. Lakshmi Srinivasulu, K. Suvarna Vani An Efficient Map Reduce Mechanism for Big Data using Hybrid Optimization Algorithm Journal of Intelligent Systems (JISYS) 03341860 Scopus, DBLP
6. R. Sailaja Ch. Rupa Robust and indiscernible multimedia watermarking using light weight mutational methodology Traitement du Signal Vol. 34, pp. 45-55, 0765-0019 Scopus
7. Ch. Rupa, T. Sumanth Integrity Checking of Physical Currency with Pattern Matching: Coping with Few Data and the Training Sample Order Int. Journal of Institution of Engineers pp. 1-9, 2019 2250-2114 Scopus
8. G.Krishna Kishore, Suresh Babu Dasari, S.Ravi Kishan Development of a Threat detection system for Network attacks IJRTE Vol 7, Issue-6, March 2019 2277-387 Scopus
9. G.Krishna Kishore, Suresh Babu Dasari, S.Ravi Kishan, Y. UmamaheswariContinuous Top-K monitoring on document streamsIJITEE Vol 8, Issue-6, May 2019 2278-3075 Scopus
10. Dr G.Anuradha Implementation of Recommender System for Web Pages International Journal of Engineering &386-388Technolog386-388 2227-524XScopus

11. Dr G .AnuradhaCh. Raga MadhriM. Phani KumarIoT Based Smart Advertisement Using Raspberry-Pi International journal of recent technology and engineering Volume-7 Issue-5S4, February 2019 ISSN: 2277-3878 (Online) Scopus.
12. Dr G .Anuradha Plant Disease Identification Using SVM and ANN Algorithms International journal of recent technology and engineering Volume-7 Issue-5S4, February 2019 ISSN: 2277-3878 (Online) Scopus
13. Ramesh Kumar P SailajaKL Automatic Teller Machine (ATM) Theft Detection and Location Tracking using GSM & GPS Module International Journal of Advanced Trends in Computer Science and Engineering Volume 8, No.3, May - June 2019 ISSN 2278-3091 Scopus
14. Sree Vijaya Lakshmi Kothapalli, Suvarna Vani Koneru, Sri Harsha Rompicherla A Framework for Delineation of Trees International Journal of Recent Technology and Engineering Volume-8 Issue-1, May 2019. Page No.:2735-2739. ISSN: 2277-3878 (Online) Scopus
15. Y.Suresh S.V.N.Sreenivasu Ch.Anuradha Improved Fingerprint Image Segmentation Approaches International Journal of innovative technology and exploring engineering Vol-8,issue-5, March-2019 ISSN:2278-3075 Scopus
16. M.Srilatha S.Jayaprada Next Location Prediction using Google API IJARIIT: 5 May – June 2019 2454-132X Thomson Routers , Google Scholar
17. Bayana Raja, K Ravindranath, B Jayanag Monitoring and Analysing Anomaly Activities in a Network using Packetbeat International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-6S, 2278-3075 Scopus
18. J V D Prasad, Dr M Srilatha Feature extraction and clustering techniques on remote sensing images- A survey International Journal of Recent Technology and Engineering Voulme-7, Issue -6S,March 2019 2277-3878 Scopus
19. A Raghuvira Pratap S Babu G Kranti Kumar J V D Prasad Discovery of Parkinson's disease with hand tremor analysis using density based improved K- Medoids algorithm International Journal of Innovative Technology and Exploring Engineering (IJITEE) Volume-8 Issue-4S2 March, 2019ISSN: 2278-3075 Scopus.
20. S.Rajeswari Sentiment Analysis Over High Dimensional Data Sets Using Advanced Data Engineering Techniques Journal of Advanced Research in Dynamical & Control Systems(JARDCS) Vol. 11, 04-Special Issue, 2019, pp: 2490-2494 ISSN 1943-023X Scopus

Publications in International Conferences

21. Subba Rao Polamuri, Srinivas Kudipudi and Krishna Mohan Ankala A Survey on Stock Market Prediction using Machine Learning Techniques International Conference on Data Science, Machine Learning & Applications (ICDSMLA) CMR Institute of Technology, Hyderabad March 29-30, 2019 Scopus
22. S.Vasavi, G.V.N.Priyanka, A.Anu Gokhale Evaluation of Performance Metrics in GeoRediSpark framework for GeoSpatial Query Processing ICETE 2019 Osmania University Learning and Analytics in Intelligent Systems, Springer Scopushttps://link.springer.com/chapter/10.1007/978-3-030-24322-7_41
23. S.Vasavi, P.S.Swaroop,Roshni Srinivas CNN based Medical Assistive System for Visually Challenged to Identify Prescribed Medicines ICETE 2019 Osmania University Learning and Analytics in Intelligent Systems, Springer Springer, Scopus https://link.springer.com/chapter/10.1007/978-3-030-24322-7_42
24. T. Satya Sudha, Ch. Rupa Analysis and Evaluation of Integrated Cyber Crime Offences using Machine Learning Techniques IEEE International conference i-pact VIT- Vellore, March 23,2019 Scopus https://ieeexplore.ieee.org/abstract/document/8960187/
25. Ch. Rupa, Devi Privacy and Protection of Medical Images ROI Using SPLSB and Bit-plane based Watermarking ACM International Conference on Cryptography, Security and PrivacyUniversity of Malaya, Malaysia, 19th – 21st January, 2019 Scopus https://dl.acm.org/doi/abs/10.1145/3309074.3309088
26. Ch. Rupa, Nikhila IEEE International conference i-pact VIT- Vellore, March 23,2019 Scopus
27. S.Ravi Kishan Dr N sailaja Handling incomplete and delayed information using optimal scheduling of big data streams ICSC2019 THDC-IHET, Tehri, & SoE CUSAT, Kochi on 19 – 21 April, 2019 Springer Scopus
28. Ch.Raga MadhuriDr G.Anuradha,M. Vani PujithaHouse price prediction using regression technique:A comparative StudyIEEE Sponsored 6th International Conference on Smart Structures and Systems ICSSS 19 Saveetha Engineering College,Chennai14th & 15th March 2019. IEEE
29. Bala Durga Dharmavarapu Jayanag Bayana Sarcasm Detection in Twitter using Sentiment Analysis 4th International Conference on Recent Challenges in Engineering

and Technology (ICRCET-18) IFERP & AITS, Tirupati. 31st Jan-1st Feb, 2019 978-81-932966-5-3 Scopus

30. G.Akhil,R.Ganesh, S.RAJESH Smart Irrigation for effective use of water and electricity International Conference on Smart Cities Model (ICSCM 2019) IEEE Madras Section IIT Madras, Chennai 20 to 21 January 2019 IEEE Explore
31. B. Siva Naga Leela, S.RAJESH Crime analysis and Prediction using Fuzzy C-means Algorithm 3rd International Conference on Trends in Electronics and Informatics (ICOEI 2019) IEEE , SCAD college of Engg & Tech. Tirunelveli, India 23-25 April 2019 IEEE ISBN: 978-1-5386-9439-8 IEEE Explore
32. Sree Vijaya Lakshmi Kothapalli, Suvarna Vani Koneru, Sri Harsha Rompicherla Texture Feature Extraction from Panchromatic ImagesInternational Conference on Recent Advances in Computer Science and Information Technology Institute for Technology and Research, Kolkata, 21st April, 2019.
33. P.Durganjali M.Vani Pujitha House Resale Price Prediction Using Classification Algorithms IEEE conference ON SMART STRUCTURES AND SYSTEMS-2019 Saveetha Engineering College Chennai
34. .Ranga Rao, Dr. S. Jayaprada, M. Srilatha Predicting the risk of heart diseases using Ensemble approach" IEEE International Conference on "Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC-2019; Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram, Tamil Nadu during 30 th & 31 st January, 2019CEPr9R88-PRT 978-1-7281-0173-6 IEEE Xplore
35. Ch.Raga Madhuri N. Sunny Md.Mastan Location Identification of an Image using Metadata IEEE International Conference on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC) Shri Jagadguru Pujya Shri Vijayendra Saraswathi Swamigal, 30th & 31st January 2019 IEEE

Student Participations in

AICTE SMART INDIA HACKATHON - 2019

SHORTLISTED FOR FINALS: SOFTWARE EDITION

SMART INDIA HACKATHON 2019

Team: ALPHAS

B.SAI MANOJ III/IV B.Tech
B.BHANU REKHA III/IV B.Tech
GN.SRIJA III/IV B.Tech
K.SUBHASYA III/IV B.Tech
Y.BHAVYA SRI II/IV B.Tech
M.KEERTHANA II/IV B.Tech

NIT Surathkal

Team: AUGUR STRIDES

K.MOUNIKA III/IV B.Tech
HIMA PRAGNYA III/IV B.Tech
PRIYANKA KATURI III/IV B.Tech
A.SIREESHA III/IV B.Tech
M.KARTHIK II/IV B.Tech
CH.NIKHIL III/IV B.Tech

KMG, Coimbatore

Team: RANSOMWARE

K.ASWARTH III/IV B.Tech
B.REVATHI III/IV B.Tech
CH.LALITHYA III/IV B.Tech
K.JAYANTH KRISHNA III/IV B.Tech
T.SAI DURGA PAVAN III/IV B.Tech
K.PRAVEEN KUMAR III/IV B.Tech

IIT Patna

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Student Participations / Achievements 2018-19

II / IV B.Tech

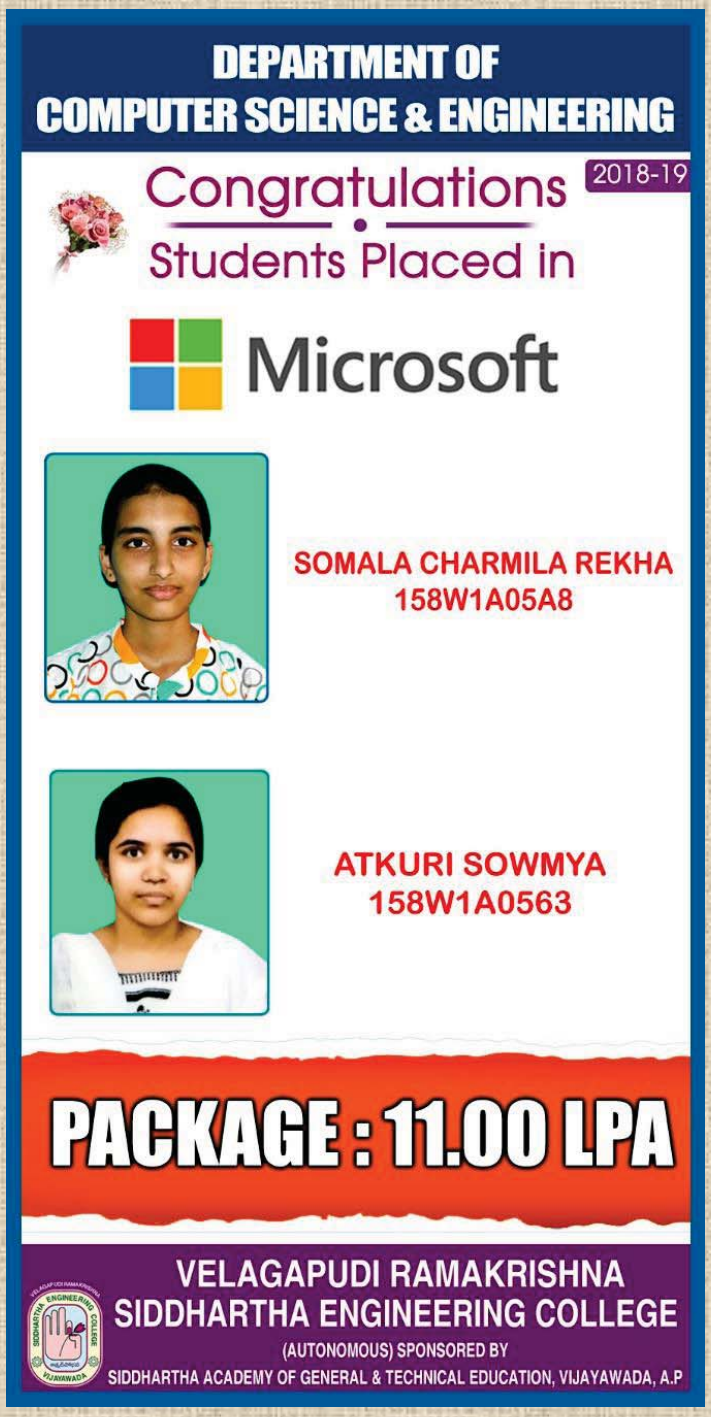
S.No	Name of the Student(S)	Event Participated	INSTITUTE/ UNIVERSITY	Prize Won
1.	K Tarun P.Hemanth	Technical Quiz Lakshya-2k18	LBRCE	1st Prize
2.	Chiruhas	Android App Development	IIT Hyderabad	1st Prize
3.	D.Rohith Vamsi	Technical Quiz	JNTUK Kakinada	1st Prize
4.	A.Leela Bhavani D. Sandeepa M.Kavya	Web Hackathon – Website Designing	JNTUK Kakinada	1st Prize
5.	N. Edison	IOT- VANET	JNTUK Kakinada	2nd Prize
6.	Ch Varshitha G Pujitha V Komalatha	Coding Contest	PVPSIT	3rd Prize
7.	Y Kavya Bharathi JNagaVijaya Lakshmi M Jaya Priya B.Puja Krishna Veni	Technical Quiz	DECT	1st Prize
8.	Y Bhavya Sri	Paper Presentation on Deep learning Vs Machine Learning Dhanush 2k18	DECT	1st Prize
9.	Y Bhavya Sri	Paper Presentation on Deep learning Vs Machine Learning	PVPSIT	1st Prize
10.	Y Bhavya Sri	Technical Quiz	PVPSIT	2nd Prize
11.	Y Bhavya Sri Y Sravani V Bhavana M Keerthana	Project Expo- C Applications	SRK	2nd Prize
12.	Y Sravani	Blind Coding	LBRCE	3rd Prize
13.	Y Sravani V Bhavana M Keerthana	Technical Quiz	SRK	2nd Prize
14.	T Sasank	Technical Quiz	LBRCE	2nd Prize
	V Jaya Vardhan			
15.	P Hima Varshini	Poster Presentation on Smart Glasses	LBRCE	1st Prize
16.	Likith Naga Sai. A Ravi Teja A	Technical Quiz	URCE	2nd Prize
17.	M. Bhanu Prasad	Google Master Your Fest – 2k19	URCE	2nd Prize
18.	D.Yashwanth	Technical Quiz	GEC	1st Prize

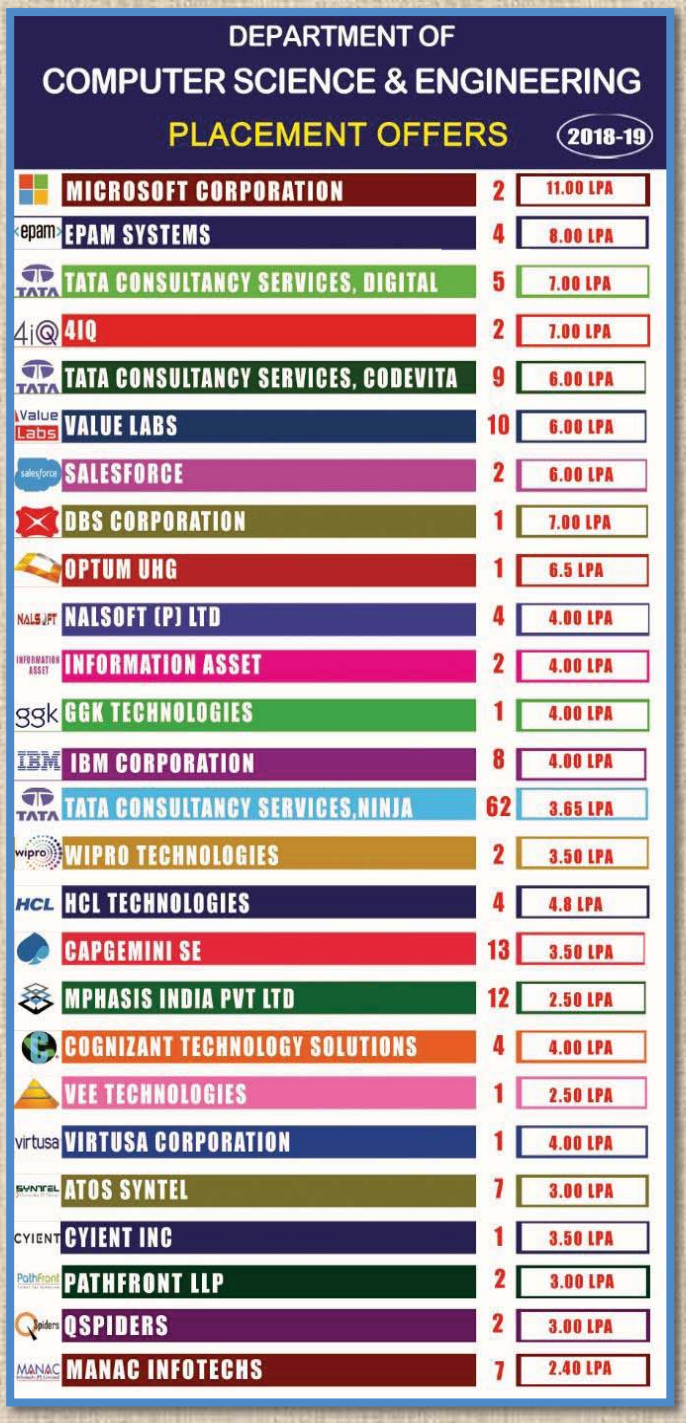
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Student Participations / Achievements 2018-19

III / IV B.Tech

S.No	Name of the Student(S)	Event Participated	INSTITUTE/ UNIVERSITY	Prize Won
1.	P.Dhanushya V Mounika	Talent Expo	JNTUK Kakinada	3rd Prize
2.	Shaik Irfan K Vinay	Project Expo – Mobile Control Car	JNTUK Kakinada	2nd Prize
3.	M Maneesh	App Development	JNTUK Kakinada	2nd Prize
4.	M Krishna Veni K Ashitha	Poster Presentation on Digital Twin	JNTUK Kakinada	3rd Prize
5.	B Sai Rohith B Karthik	Technical Quiz	URCE	1st Prize
6.	K Bhanu Sucharitha M Sai Divya	Technical Quiz	URCE	3rd Prize
7.	K Sravya	Engineerka Maha Sangram	URCE	4th Prize
8.	GKundana Angelina	Technical Quiz Electroblitz Fundabytes	PVPSIT	2nd Prize
9.	G Kundana Angelina	Technical Quiz Technotight	PVPSIT	3rd Prize
10.	Teja Sree P	Poster Presentation	LBRCE	1st Prize
11.	Teja Sree P	Debate	PVPSIT	1st Prize
12.	Teja Sree P	Group Discussion	PVPSIT	2nd Prize
13.	G Kundana Angelina	Crypt Your Mind	URCE	2nd Prize
14.	B Sai Rohith Ch Nikhil	Citizen Hack'18 Zonal Event -	Miracle Software Systems	1st Prize
	Ch Prabhu Kiran B Karthik	Hackathon		
15.	Shaik Irfan K Vinay	Nipunya- Project Expo Bluetooth Control Car	LBRCE	1st Prize
16.	K Vinay Shaik Irfan K Yashwanth	Project Development Voice And Remote Control Car	IIT Tirupati	2nd Prize
17.	M Krishna Veni	Models Hand &Voice Gesture Robo VR Siddhartha Engineering College		2nd Prize
18.	M Krishna Veni K Vinay	Project Expo Hand &Voice Gesture Robo	URCE	1st Prize
19.	M Yaswanth	Coding Contest	URCE	2nd Prize
20.	A Manoj Kumar	Coding Contest	URCE	3rd Prize
21.	Y Siva Ganesh	Coding In	PVPSIT	Special Recognition
22.	N. Renuka Chowdary	Rangoli	URCE	1st Prize
23.	N Sai Bhargavi	Rangoli	URCE	2nd Prize
24.	G Kundana Angelina	Crypt Your Mind Your Fest – 2k19	URCE	2nd Prize
25.	G Kundana Angelina	Google Master Your Fest – 2k19	URCE	1st Prize
26.	P. Susmitha Sabiya Tabassum	Paper Presentation: Digital Twins	SRK	2nd Prize
27.	G Pranavi	Technical Crosswords	URCE	1st Prize


DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
Congratulations
2018-19
Students Placed in
Microsoft
SOMALA CHARMILA REKHA
158W1A05A8
ATKURI SOWMYA
158W1A0563
PACKAGE : 11.00 LPA
VELAGAPUDI RAMAKRISHNA
SIDDHARTHA ENGINEERING COLLEGE
(AUTONOMOUS) SPONSORED BY
SIDDHARTHA ACADEMY OF GENERAL & TECHNICAL EDUCATION, VIJAYAWADA, A.P


DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING
PLACEMENT OFFERS
2018-19
MICROSOFT CORPORATION 2 11.00 LPA
EPAM SYSTEMS 4 8.00 LPA
TATA CONSULTANCY SERVICES, DIGITAL 5 7.00 LPA
4IQ 2 7.00 LPA
TATA CONSULTANCY SERVICES, CODEVITA 9 6.00 LPA
VALUE LABS 10 6.00 LPA
SALESFORCE 2 6.00 LPA
DBS CORPORATION 1 7.00 LPA
OPTUM UHG 1 6.5 LPA
NALSOFT (P) LTD 4 4.00 LPA
INFORMATION ASSET 2 4.00 LPA
GGK TECHNOLOGIES 1 4.00 LPA
IBM CORPORATION 8 4.00 LPA
TATA CONSULTANCY SERVICES,NINJA 62 3.65 LPA
WIPRO TECHNOLOGIES 2 3.50 LPA
HCL TECHNOLOGIES 4 4.8 LPA
CAPGEMINI SE 13 3.50 LPA
MPHASIS INDIA PVT LTD 12 2.50 LPA
COGNIZANT TECHNOLOGY SOLUTIONS 4 4.00 LPA
VEE TECHNOLOGIES 1 2.50 LPA
VIRTUSA CORPORATION 1 4.00 LPA
ATOS SYNTEL 7 3.00 LPA
CYIENT INC 1 3.50 LPA
PATHFRONT LLP 2 3.00 LPA
QSPIDERS 2 3.00 LPA
MANAC INFOTECHS 7 2.40 LPA

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Students placed@M.Tech

2018-19

ROMPICHARLA SRI HARSHA
178W1D5823
TATA NINJA3.6LPA

V. NIKHILA
178W1D5830
TATA NINJA3.6LPA

POTTABATTULA DURGANAJALI
178W1D5821
TATA NINJA3.6LPA

MD.SAEED
178W1D5815
Canara Bank 3.50 LPA

DHARMAVARAPU BALA DURGA
178W1D5809
TATA NINJA3.6LPA

2017-18

DHONEPUDI SWATHI
168W1D5804
TATA NINJA3.6LPA

POTHINENI NAVEEN
178W1D5820
TATA NINJA3.6LPA

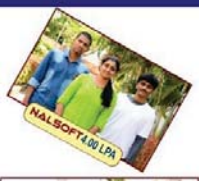
PELLAPATI NEEHARICA
168W1D5819
TATA NINJA3.6LPA

VELAGAPUDI RAMAKRISHNA SIDDHARTHA ENGINEERING COLLEGE
(Autonomous)
Vijayawada, A.P

DEPATMENT OF COMPUTER SCIENCE AND ENGINEERING

Congratulations.....

STUDENTS PLACED 2018-19



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Congratulations.....

STUDENTS PLACED 2018-19

166+/178* *Eligible, +Placements as on date

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Placements in Current Academic Year (2018-19)

Congratulations: Students who got placement offers

166+/178*

*Eligible

+Placements as on Date

MICROSOFT	HCL
4IQ	CYIENT
EPAM	SYNTEL
TCS NINJA	VIRTUSA
CAPGEMINI	MPHASIS
OPTUM UHG	NALSOFT
TCS DIGITAL	WIPRO TECH
COGNIZANT	IBM CORP
VALUELABS	INFORMATION ASSET
SALESFORCE	VEE TECH
TCS CODEVITA	GGK TECH
DBS CORPORATION	MANAC INFOTECHS
PATHFRONT	QSPIDERS

Outgoing Student's 2015-2019 Sec A

Outgoing Student's 2015-2019 Sec B & C

DEPARTMENT OF
COMPUTER SCIENCE & ENGINEERING

Velagapudi Ramakrishna

SIDDHARTHA ENGINEERING COLLEGE

(Autonomous)

KANURU, VIJAYAWADA

ANDHRA PRADESH - 520007, INDIA

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Student Editors: S. Karthik (188W5A0535), Y. Bhavya (178W1A05H6)