



INFORMATE

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ADITYA ENGINEERING COLLEGE (A)

APPROVED BY AICTE, NEW DELHI AND AFFILIATED TO JNTU KAKINADA

About Computer Science and Engineering

The Department was established in the year 2001 with intake of 60. The intake was increased to 120 in the year 2005 and 180 in the year 2013. The department accredited by NBA in the year 2008. Department has well experienced and qualified faculty. The Department is recognized as “Research Centre” by JNTUK, in the year 2018.

The department aims at promoting quality and value-based education by harnessing the skills of students, creating awareness on the advancements in Computer Science and preparing them for the agile industry.

The department is offering UG & PG (CSE) programmes. Department is having CSI Students Chapter & ISTE Student and Faculty Chapters. The Department as Well-equipped Laboratories and Centre of Excellence.

Vision of the Department

To emerge as a competent Centre of excellence in the field of Computer Science and Engineering for industry and societal needs.

Mission of the Department

- Impart quality and value based education
- Inculcate the inter personal skills and professional ethics
- Enable research through state-of-the-art infrastructure
- Collaborate with industries , government and professional societies

Faculty Publications

Journals

Sl. No.	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISSN Number	Vol/Month	Index No UGC/Scopus	URL/DOI	Month/Year of Publication
1	Dr. S. Rama Sree	Secure Data Transmission on Internet of Healthcare Things	International Journal of Engineering Trends and Applications (IJETA)	2393-9516	Volume 7/October 2020	UGC	http://www.ijetajournal.org/volume-7/issue-5/IJETA-V7I5P4.pdf	OCT 2020
2	Dr. Rayudu Srinivas	Intelligent signalling system to control traffic in vehicular ad hoc networks	Indian Journal of Science and Technology	2876-2882	Volume 13, Issue 28/2020	UGC	DOI: 10.17485/IJST/v13i28.1043	SEP 2020
3	Mr.V.Ravi Kishore	Driver Deviation and Drowsiness Detection Alert System	Journal of Xi'an University of Architecture & Technology	1006-7930	Volume XII, Issue VIII, 2020	UGC	DOI:10.22214/ijraset.2018.4043	SEP 2020
4	Mrs.A.Vanathi	An Enhanced Messenger with Language Translator and Sentiment Analysis	International Journal of Advance Study and Research Work	2581-5997	Special Issue ICROIRT-2020/September 2020	UGC	https://www.journal-dogorangsang.in/no_2_Online_22/74_dec.pdf	SEP 2020

Conferences

Sl. No	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/IS SN November	URL/DOI
1	Dr. Rama Reddy	Finding MST by Considering Increasing Cost Order of the Edges Incident on Vertices	4th International Conference on Intelligent Computing and Communication, ICICC 2020	18 th -20 th September 2020	Bengaluru	978-981160979-4	10.1007/978-981-16-0980-0_15
2	Dr. Rama Reddy	A Novel Approach to Find Minimum Cost Spanning Tree (MST) of a Graph	4th International Conference on Intelligent Computing and Communication, ICICC 2020 4th International Conference on Intelligent Computing and Communication, ICICC 2020	18 th -20 th September 2020	Bengaluru	978-981160979-4	10.1007/978-981-16-0980-0_9
3	Mr. K. Govinda Raju	Privacy by Design Approach for Vehicular trip data using k-anonymity perturbation	4th International Conference on Data Engineering& Technology(ICDEC T-2020)	25-26 th September 2020	KITSW		https://link.springer.com/chapter/10.1007/978-981-16-0081-4_12

4	Dr. R. Srinivas	Finding MST by Considering Increasing Cost Order of the Edges Incident on Vertices	4th International Conference on Intelligent Computing and Communication, ICICC 2020	18 September 2020 through 20 September 2020	Bengaluru	978-981160979-4	10.1007/978-981-16-0980-0_15
5	Dr. R. Srinivas	A Novel Approach to Find Minimum Cost Spanning Tree (MST) of a Graph	4th International Conference on Intelligent Computing and Communication, ICICC 2020 4th International Conference on Intelligent Computing and Communication, ICICC 2020	18 September 2020 through 20 September 2020	Bengaluru	978-981160979-4	10.1007/978-981-16-0980-0_9
6	Mr. M. Kalyan Ram	A Fact-Based Liver Disease Prediction by Enforcing Machine Learning Algorithms	4 th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC – 2020)	19-0 Nov, 2020	RVS Technical Campus	Coimbatore	DOI: 10.1007/978-981-33-6862-0_45
7	Dr. R. Srinivas	A Fact-Based Liver Disease Prediction by Enforcing Machine Learning Algorithms	4 th International Conference on Computational Vision and Bio Inspired Computing (ICCVBIC – 2020)	19-0 Nov, 2020	RVS Technical Campus , Coimbatore		DOI: 10.1007/978-981-33-6862-0_45

Student Publications

1. M Vijay Reddy, N. Soundarya, M.N.V Ravindra, K. Sai Srujana, **A. Vanathi**,” An Enhanced Messenger with Language Translator and Sentiment Analysis”, International Journal of Advance Study and Research Work (2581-5997)/ Special Issue ICROIRT-2020/September 2020, Page:98-107 (**UGC APPROVED**).

Student Certifications

The Students are encouraged to do practices in coding skills using various Online platforms. In this odd semester, the no of students completed their certifications are presented below.

S.No	Certifications	No. Students Completed
1	NPTEL	43
2	Hacker Rank	21
3	Course era	117
4	MTA	13
5	CISCO	16

NPTEL CERTIFICATIONS

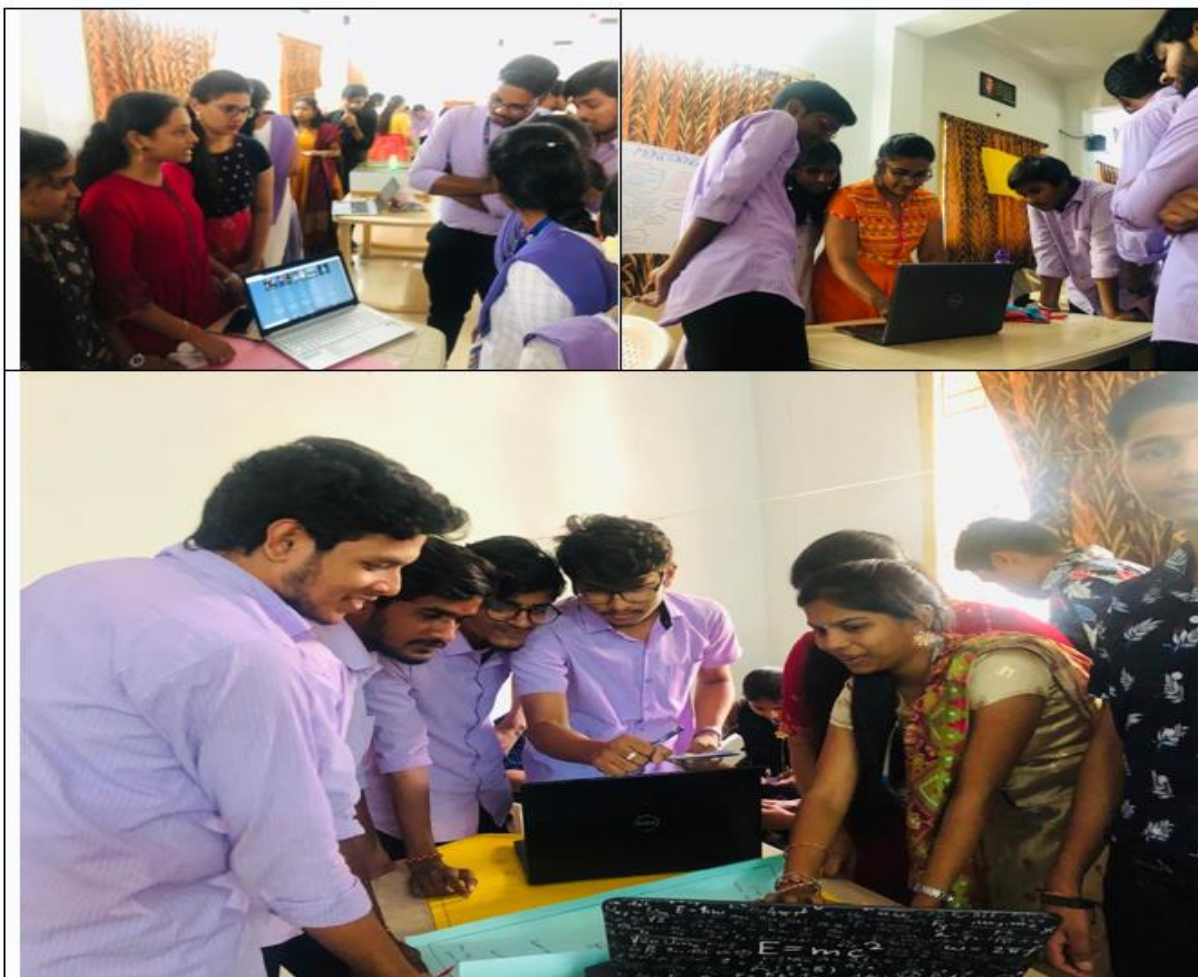
S.No	Course Name	Name	Roll No	FinalScore	CertificateType
1	Python for Data Science	M Harsha Priya	18A91A0595	61	Elite
2	Python for Data Science	G Nishitha Purna	18A91A0539	65	Elite
3	Python for Data Science	A Venkatesh	18A91A0504	74	Elite
4	Python for Data Science	K S V Karthikeya	18A91A0531	77	Elite Sliver
5	Python for Data Science	K Hema Shree	18A91A0579	69	Elite
6	Python for Data Science	B Rohit Kumar	18A91A05C7	65	Elite
7	Python for Data Science	G Pranay Reddy	18A91A05D2	73	Elite
8	Introduction to Internet of Things	P S S Sivapriya Avadhanula	18A91A0599	54	Successfully completed
9	Introduction to Internet of Things	M Vidhya Shirin	18A91A05F7	52	Successfully completed
10	Python for Data Science	K Sasidhar	18A91A0586	65	Elite
11	Python for Data Science	M Meghana	18A91A0596	71	Elite
12	Python for Data Science	M Prashanth Sai	18A91A0591	68	Elite
13	Python for Data Science	J Yuva Vinay	18A91A0578	71	Elite
14	Introduction to Internet of Things	G R Venkata Pavani	18A91A05D1	56	Successfully completed

16	Python for Data Science	Ch R S Prasanna	18A91A0546	68	Elite
17	Python for Data Science	Ch Lavanya	18A91A0517	73	Elite
18	Python for Data Science	M Ravi Kumar	18A91A0533	77	Elite Silver
19	Python for Data Science	P Ganesh Vara Satya Syam	19A95A0521	70	Elite
20	Python for Data Science	K Mahesh Naga Sree	19A95A0519	65	Elite
21	Python for Data Science	G Bhagya Sri	18A91A0576	65	Elite
22	Python for Data Science	K Sri Sai Jyothi	18A91A0589	65	Elite
23	Python for Data Science	G N V S L S Sireesha	18A91A0573	69	Elite
24	Python for Data Science	P Veera Babu	18A91A05A6	68	Elite
25	Python for Data Science	K Srujana	18A91A0588	65	Elite
26	Python for Data Science	K Tanu Sri	18A91A0582	67	Elite
27	Python for Data Science	G Satish Kumar	19A95A0516	65	Elite
28	Python for Data Science	S Manoj manvish	18A91A05B4	59	Successfully completed
29	Python for Data Science	K R Deva rushi	18A91A0580	63	Elite
30	Python for Data Science	M Sriram	18A91A0590	74	Elite

Summary of Students membership in Professional body- CSI:

Club Name	Name of Event	Date	No of participants
CSI	Veda-Digi	14,15-09-2020	650
	Project Expo	02-10-2020	190

Project Expo



Disha Club: DISHA is a student club run by CSE students. Its objective is to conduct various cocurricular activities like Algorithmic designing, code debugging, blind coding, quiz, painting, project Expo, Ideathon and magazine preparation. This platform creates an interdisciplinary skills and collaborates students of 2nd, 3rd and 4th year. Enables them to share their knowledge and creative skills.

Club Name	Name of Event	Date	No of participants
Disha Club	Poster Presentation	04-09-2020	75
	Technical Quiz	05-10-2020	60
	Dbquery	12-10-2020	66
	Ideathon	03-11-2020	55

Photos of various events organized at Disha club



Technical Symposiums

Every Year CSE Department Organizes VEDA(DIGI)-2K20, a National Level technical Symposium on the occasion of Engineer's Day in the month of September. This year due to the pandemic, the department has conducted various activities like Paper Presentation, Technical Quiz, Click a Pic, and Art expo through online. Approximately 260 students participated in various events and from 15 colleges the participants attended. The following list presents the merit/ winners and runners of all the events which is organized.

Merits

SN O	ROLLNO	NAME	COLLEGE	DEPARTMENT	YEAR & SECTION	EVENTNAME	REMARKS
1	18A91A0531	K S V Karthikeya	AEC	CSE	III A	Paper Presentation	First Prize
2	19A91A0515	S Veerraju	AEC	CSE	II C	Paper Presentation	Second Prize
3	19A91A1261	T N Charan Reddy	AEC	IT	II	Paper Presentation	Third Prize
4	19A91A0559	V Sudheethi	AEC	CSE	II A	Click a Pic	First Prize
5	00023	T Sai Chandra Laya	VSL Womens Degree College	BSc MSc	II	Click a pic	Second Prize
6	17A91A0573	D Sivani	AEC	CSE	IV B	Click a Pic	Third Prize
7	18A91A05H1	S P L Devi Sirisha	AEC	CSE	II C	TechnicalQuiz	Second Prize
8	17A91A0546	P V V Vara Prasad	AEC	CSE	IV A	TechnicalQuiz	First Prize
9	11191910413 8	N Sri Rajini	S A Engineer ing College	CSE	II B	Art Expo	First Prize
10	18A91A0596	M Meghana	AEC	CSE	III B	Art Expo	First Prize
11	19P31A0448	S L Sahithi	AECT	CSE	II A	Art Expo	Second Prize
12	19A91A05F3	K K S Mounika	AEC	CSE	II C	Art Expo	Third Prize

Computer Society of India (CSI) Student chapter and Disha student clubs and chapters

Computer Society of India(CSI): The CSE department has established CSI Students chapter in the year 2016. Our Chapter is under the CSI Visakhapatnam chapter. The chapter is relentlessly striving to spread IT awareness in the society in the form of Seminars/ guest Lectures, Project Expos, Tech Talks, Workshops and Social Activities like conducting awareness programs about Computer Science in government schools. It also conducts many programs like quiz. Coding competetions, hackathons etc., for students to enthuse the young generation.

SNo	Date	Name of the Event	Name of the Coordinator	Resource Person details	No of Participants
1	13-09-2020	Workshop On Android App Development	Dr.P. Uday Kumar	Sunil Mulagada,CEO,DreamStep,Rajahmunry	150
2	16-11-2020 to18-11-2020	Workshop On Sellineum	Dr.P. Uday Kumar	B.Sai Lakshmi,Senior Test Engineer, Tech Mahindra, Chennai	172

Editorial Board

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Mr. G. Tarun Venkata Ramesh (II B. Tech-19A91A0515)

Ms. V Sudheethi (II B. Tech-19A91A0559)

Ms. Shaik Ayesha (II B. Tech-19A91A0552)