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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



ADITYA ENGINEERING COLLEGE (A)

**APPROVED BY AICTE, NEWDELHI AND PERMANENTLY AFFILIATED TO
JNTUK, 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 and 2021.

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 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 Number	URL/ DOI
1	Mr.V Ravi Kishore	Traffic Management Scheduling using Image/Video Processing for Smart Cities	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India		
2	Mrs. N. Akhila	Analysis of Women Security mechanisms using Internet of Things System	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India		
3	Mr. KNSL Kumar	Stress Prediction and Detection in Internet of Things using Learning Methods	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India		
4	Mr.A Phani Sridhar	Bridge Health Smart Monitoring System using IoT	International Conference on Artificial Intelligence and Data science(ICAI DS)-2022	8th October 2022	Sreyas Institute Of Engineering and Technology, Hyderabad, Telangana.		

Sl. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISSN Number	URL/DOI
5	Mr.Nalla Siva Kumar	IOT-Based Smart Trash Collection with Swachh Survekshan	International Conference on Communication, Software and Networks	28th October 2022	BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana, India	978-981-19-4989-0	https://doi.org/10.1007/978-981-19-4990-6_39
6	Mrs.N. Akhila	IOT-Based Smart Trash Collection with Swachh Survekshan	International Conference on Communication, Software and Networks	28th October 2022	BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana, India	978-981-19-4989-0	https://doi.org/10.1007/978-981-19-4990-6_39
7	Dr.S. Prasanth Vaidya	IOT-Based Smart Trash Collection with Swachh Survekshan	International Conference on Communication, Software and Networks	28th October 2022	BVRIT Hyderabad College of Engineering for Women, Hyderabad, Telangana, India	978-981-19-4989-0	https://doi.org/10.1007/978-981-19-4990-6_39
8	Dr. A. Vanathi	A Review on Patients Health Monitoring Using IoT and Cloud Technologies	Seventh International Conference on Parallel, Distributed and Grid Computing, PDGC 2022	25th - 27th November, 2022	Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India		

Student Conference papers

Sl. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location
1	K.Venkata Rama Durgaprasad Reddy, R. Shanmukha Priya , Pankaj Singh	Traffic Management Scheduling using Image/Video Processing for Smart Cities	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India
2	SK.Ayesha, G.Shivani, E.Harika	Analysis of Women Security mechanisms using Internet of Things System	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India
3	Rayavarapu Jahnvi Pramodhani, Pantana Sai Sivani Vineela, Varanasi Sai Aseesh	Stress Prediction and Detection in Internet of Things using Learning Methods	International Conference on Inventive Research in Computing Applications, ICIRCA 2022	21-23, September 2022	RVS College of Engineering and Technology, Coimbatore, Tamilnadu, India
4	Tejaswi Sapala, Rama Chandra Suresh Reddy Penumallu, Reddy. Sai Kiran	A Survey on VANET Attacks and Its Security Mechanisms”, Seventh International Conference on Parallel, Distributed and Grid Computing	Seventh International Conference on Parallel, Distributed and Grid Computing, PDGC 2022	25th - 27th November, 2022	Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India

Sl. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location
5	S.Stella Rani,T.Hemanth pavan	A Review on Patients Health Monitoring Using IoT and Cloud Technologies	Seventh International Conference on Parallel, Distributed and Grid Computing, PDGC 2022	25th - 27th November, 2022	Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India
6	M. Siva Sahitya, L.Vinay, Bindeshwar Prasad Sah	An Investigation on Smart Crop Protection System utilizing Internet of Things	8th International Conference on Signal Processing And Communication, ICSC 2022	01 st – 03 rd December, 2022	Jaypee Institute of Information Technology Noida, Uttar Pradesh, India
7	Sai Sri Ramya.Koppiseti, Sistla Sri Sai Venkata Chaitanya	A Study on Machine Learning Algorithms for Lung Cancer Classification and Prediction	8th International Conference on Signal Processing and Communication, ICSC 2022,	01 st – 03 rd December, 2022	Jaypee Institute of Information Technology Noida, Uttar Pradesh, India

Value Added Courses to Students

S.No.	Title of the Value Added Course	Academic Year	No.of Students Completed the Course	Dates of Course Conducted
1.	Block Chain Technology	2022-23	55	22-11-2022 to 26-11-2022

Faculty Development Programmes

S. No	Name of the faculty	Designation	Name of the workshop/ Training programme	Organization	Date(s)	
					From	To
1	Dr K.Swaroop	Associate Professor	Virtual Reality	JNTUK	28/10/2022	29/10/2022

Technical Symposium

VEDA is a technical fest conducted at the ADITYA CAMPUS for extracting the hidden talents in the students and to for their carrier motivation. This is conducted in the month of September of every year. All the surrounding colleges are invited for the participation .Interesting aspects like ROBOTICS is conducted. There are many other aspects in which students get a good plat form for their exposure.

Veda 2022 prizes

SNo	Name of the Student	Rollno of the student	Event Name	Prize
1	K Prabhu Teja	20A91A0528	Sudoku	2 nd (500 cash prize)
2	K Prabhu Teja	20A91A0528	Code Reto	1 st Prize(1000 cash prize)



K Prabhu Teja, 20A91A0528 won 1st Prize in Code Reto and 2nd Prize in Sudoku in VEDA 2022

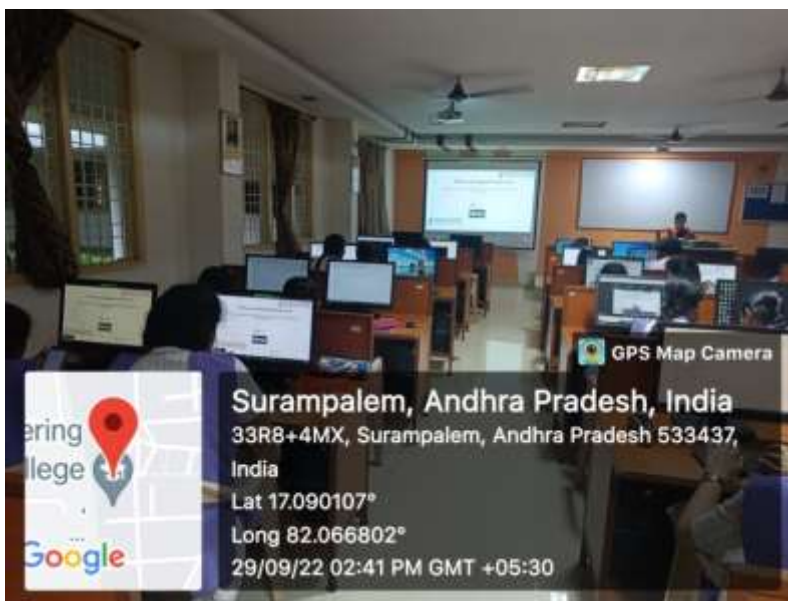
Workshop Attended By Students

S.No.	Title Name	Organized By	Venue	Resource Person	Date	No. of Participants	Student/Faculty
1	Data Science Workshop	AEC	Online	Ms. P Sruthi, Pantech E Learning	29/09/2022	200	Students (II CSE)

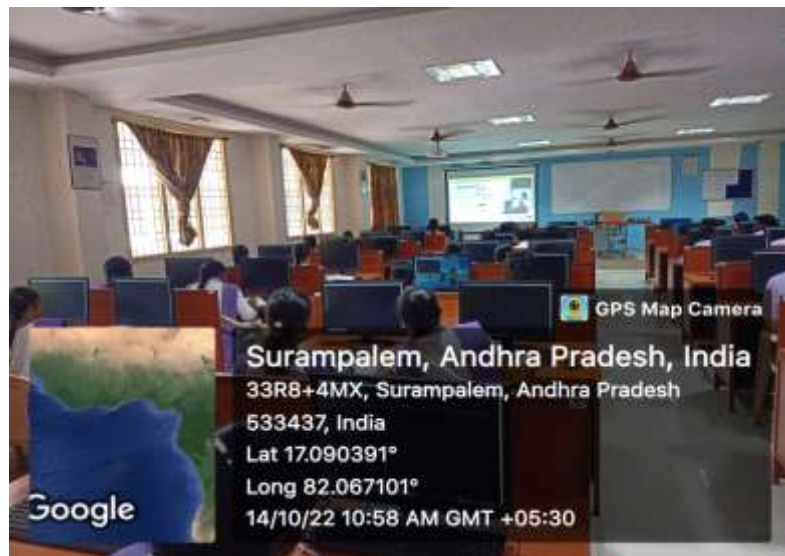
Guest Lectures Attended By Students

S.No.	Title Name	Organized By	Venue	Resource Person	Date	No. of Participants	Student/Faculty
1.	Cyber Security Awareness on Preventive Measures and Reporting Mechanisms	JNTUK	Online	Mr R Marshal	14/10/2022	60	Students (II CSE B)
2.	Mahindra Pride	AEC	KLB-101	CSR of Naandi Foundation, Mahindra	17/10/2022 to 22/10/2022	50	Girl Students

Session Photos of Workshop/Guest Lectures



A workshop on **Data Science** by Ms. P Sruthi, Pantech E Learning on 29/9/2022



A guest lecture on **Cyber Security Awareness on Preventive Measures and Reporting Mechanisms** by Mr R Marshal on 14/10/2022



A guest lecture on Mahindra Pride by CSR of Naandi Foundation, Mahindra from 17/10/2022 to 22/10/2022

Students Placements

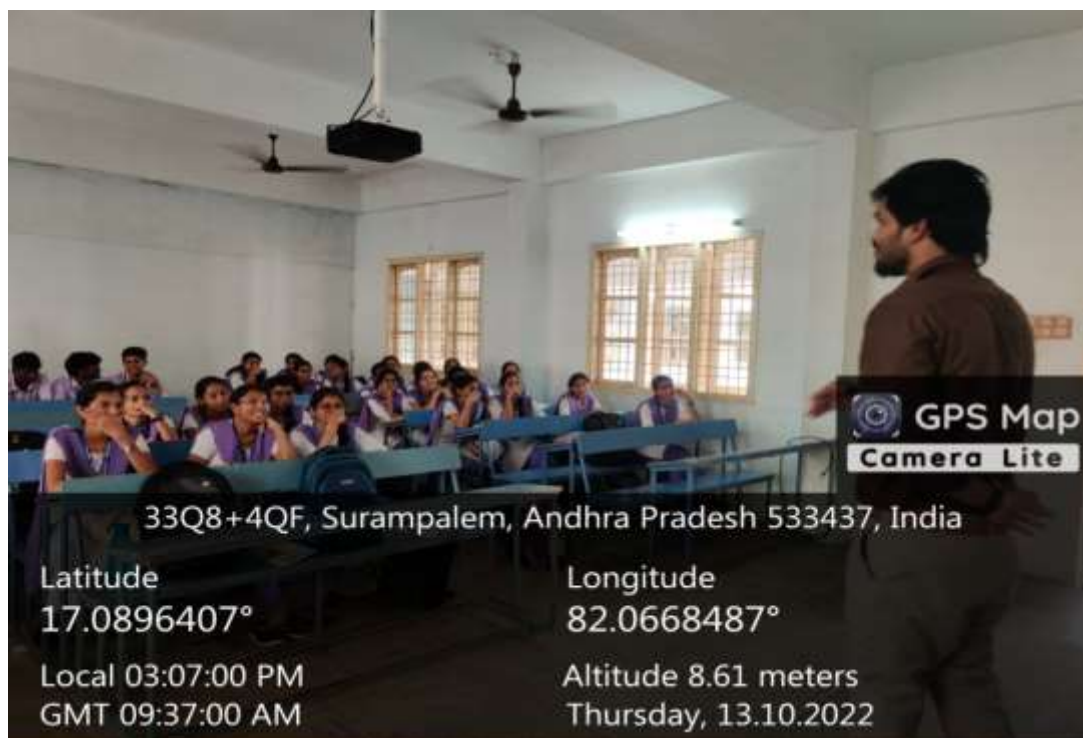
S.No.	Name of the Company	No. of Students Placed
1	DXC	85
2	Hexaware	41
3	Jio Platforms	16
4	Legato Health Technologies	13
5	Value Momentum	11
6	Kyndrl	9
7	ADP	8
8	zopsmart	4
9	Divami	4
10	ZF India	4
11	Hexaview	3
12	Maersk	2
13	NSL	2
14	Netmeds	2
15	Symphony Retail AI	2
16	Turbohire	2
17	Tejas networks	1
18	Josh Technology	1
19	Lowe's India Service Pvt Ltd	1
20	Iquadra	1
21	Apxor	1

Alumni Interactions

S.NO	Date	Alumni Details	Topic Addressed on	Addressed to
1	29/09/2022	N Venkata Ramana(13A95A0519)	Software Jobs	III CSE B
2	13/10/2022	Maniratnam (16A95A0505)	Competitive Exams	III CSE A



Alumini Interaction by N Venkata Ramana(13A95A0519) with III CSE B students on **Software Jobs**



Alumini Interaction by Maniratnam (16A95A0505) with III CSE A students on **Competitive Exams**

Awards won by Faculty

Uttama Aadyapika Award presented by Bharath Education Excellence Awards 2022.



Dr. A. Vanathi, Associate Professor, Head of the Department, CSE has received Uttama Aadyapika Award presented by Bharath Education **Excellence Awards 2022**.

Student Activities

Google Student developer Club

Google Developer Group provides an opportunity to learn new skills in a variety of formats. The Students can also meet local developers virtually or in-person with similar interests in technology. The community prides itself on being an inclusive environment where everyone and anyone interested in tech - from beginner developers to experienced professionals are welcome to join.

Google Devfest India 2022 Organized by Google Developers, Bangalore on 17-09-2022 & 18-09-2022.

The following students are attended

- 1) Samireddy Nani, 21A95A0517
- 2) Guttula Sandeep, 21A95A0514
- 3) Krishi Jain, 20A91A05G0



Introduction to Android Conducted by Google Student Developers Club, Aditya Engineering College

List of Students Speakers And Organisers

- 1) Samireddy Nani, 21A95A0517
- 2) Guttula Sandeep, 21A95A0514
- 3) Sheik Ameer Basha, 20A91A05I5
- 4) B. V. Gupta, 20A91A05D8

Google Dev Fest-2022 Vizag Edition Conducted by Google Developers Group , Vizag

Venue: Geetham University

The following students attended Google Dev Fest-2022

1. Ch. Sushmitha, 21A95A0507 acted as Volunteer in Google Dev Fest-2022
2. Sheik Ameer Basha, 20A91A05I5 got second place in Quiz
3. B. V. Gupta, 20A91A05D8
4. L. Sai Reddy, 20A91A0531



Editorial Board

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

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

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