DEPARTMENT OF
COMPUTER SCIENCE AND ENGINEERING

CSE

ADITYA

ENLIGHTENS THE NESCIENCE

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

- o Impart quality and value based education
- o Inculcate the inter personal skills and professional ethics
- o Enable research through state-of-the-art infrastructure
- o 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	Mrs.A. Vanathi	Characteristics Diagnosis of White Blood Cells Using CNN	Journal of Critical Reviews	2394-5125	Volume 7/2021	SCOPUS		JUL 2020
2	Ms. Nalla Akhila	A Novel Approach to provide more Security for Multi-Click Recognition based Textual Graphical Scheme	Journal of Xidian University	1001-2400	Volume 14/2020	UGC		
3	Mrs. G. Aparna	Enactment of Deep learning methods for Bird cataloging by deploying Convolution Neural Networks	Journal of Critical Reviews	2394-5125	Volume 7/2020	SCOPUS		JUL 2020
4	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	

7	Dr. T. Rama Reddy	Building Time Series Prognostic Models to Analyze the Spread of COVID-19 Pandemic.	International Journal of Advanced Science and Technology	2207-6360	Volume 29,Issue 3/2020	SCOPUS	http://sersc.org/journals/index.php/IJAST/article/view/31524
8	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
9	Mrs.G.Aparna	Driver Deviation and Drowsiness Detection Alert System	Journal of Xi'an University of Architecture &Technology	1006-7930	Voume.XII,Issue VIII,2020	UGC	DOI:10.22214/ijraset.2018.4043
10	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

Conferences

Sl. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ ISSN November	URL /DOI
1	Mr. A Phani Sridhar	Intruder alert system for aqua culture with IoT gateway	11th International Conference on Advances in Computing, Control, and Telecommunication Technologies, ACT 2020	28 August to 29 August 2020	Virtual, Online	978-17138 1851-9	
2	Mr. A Phani Sridhar	IoT Enabling Technology towards Aqua Culture 4.0:Trends and Challenges	International Conference on Research Trends in Computer Science & Information Technology "ICRCSIT -20	17th-18th June 2020	St.Martin's Engineering college , secunderabad	Mr. A Phani Sridhar	

Student Publications (Conferences)

1. K Varalakshmi, L Pooja, R Dinesh Kumar, G M L Sushma, K Devipriya," Trusted Authentication of Hostelers using biometric face recognition for food management system of hostels with OpenCV", AMITY University-Online International Conference on Recent Trends in Engineering and Technology- ICRTET 2020.

Patents Published

Sl. No.	Name of the Faculty	Patent details	Area of the patents files/ obtained	Status (filed/published/ granted)	Filing agency
1	Dr. S. Rama Sree	202141021933 11-06-2021	Virtual Reality Learning and Amusement System Based On Artificial Intelligence (Ai) And IOT	Published	
2	Dr.A. Vanathi	202141021933 11-06-2021	Virtual Reality Learning and Amusement System Based On Artificial Intelligence (Ai) And IOT	Published	

HACKERRANK CERTIFICATIONS

Sn o	ROLLNO	NAME	COURSE NAME	DATE OF COMPLETION
1	17A91A0581	K Suneel Varma	Problem Solving(Basic)	09/07/2020
2	17A91A0553	Harsh Sharma	Problem Solving(Intermediate)	05/07/2020
3	17A91A0550	S Anil Babu	Python(Basic)	16/07/2020
4	17A91A05G0	M Rajesh	Python(Basic)	18/06/2020
5	17A91A0546	P V V Vara Prasad	Angular(Basic)	27/06/2020
6	17A91A0529	K Jayanth	Problem Solving(Basic)	23/07/2020
7	17A91A0537	P Murali Krishna	Python(Basic)	15/07/2020
8	17A91A0537	P Murali Krishna	Problem Solving(Basic)	16/07/2020
9	17A91A0529	K Jayanth	Python(Basic)	23/07/2020
10	17A91A0557	G Sumanth	Python(Basic)	23/07/2020
11	17A91A0532	M Veneeth Kumar	Python(Basic)	23/07/2020
12	17A91A0547	P Niharika	Python(Basic)	22/06/2020
13	17A91A0559	V Sri Vidya	Python(Basic)	04/07/2020
14	18A91A0556	Sonali Sahu	Java(Basic)	24/07/2020
15	18A91A05A8	P Devi Sai Deepthi	Java(Basic)	17/06/2020
16	17A91A05I1	T Kavya	Python(Basic)	26/06/2020
17	17A91A05G3	M Satya Sri Sunaina	Python(Basic)	26/07/2020
18	17A91A05I1	T Kavya	Java(Basic)	26/07/2020
19	17A91A05H5	Y Pratap	Python(Basic)	15/07/2020
20	17A91A0511	Ch.Ashnitha	Python(Basic)	26/07/2020
21	17A91A05F4	Indrasuryasa Gar Kusuma	Python(Basic)	30/07/2020

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	05-08-2020	Guest Lecture on IPR	Dr.P. Uday Kumar	Archana Sanker, Senior Partner and Head of Department- Patents & Designs Anand and Anand,Noida,India	**144**
2	13-09-2020	Workshop On Android App Development	Dr.P. Uday Kumar	Sunil Mulagada,CEO,DreamStep,Rajahmunry	**150**
3	16-11-2020 to18-11-2020	Workshop On Sellineum	Dr.P. Uday Kumar	B.Sai Lakshmi,Senior Test Engineer, Tech Mahindra, Chennai	**172**

Summary of Students membership in Professional body- CSI:

Sno	Academic Year	No of Students with CSI Membership
1	**2020-21**	**75**

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, quize, 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	Raise your voice	02-07-2020	60
	Dance contest	02-08-2020	75

Workshops /Guest Lectures/Technical Symposium Organized

| S.No.	Event Name	OrganizedBy	Venue	Resource Person	Date	No. of Participants	Student/ Faculty
1	Guest Lecture on Career opportunities in CSE	Dept of CSE, AEC	Online	Mr. Sattiraju, Team Lead, CISCO, US	8th June 2020	150	Student & faculty
2	Special Training for DXC placement	Technicalhub, AEC	Online	Mr. Sudheer, Mr.Rajesh	June & July 2020	120	Students
3	Special Training for CapGemini placement	Technicalhub, AEC	Online	Mr. Sudheer, Mr.Rajesh	June & July 2020	120	Students
4	Special Training for TCS Codevita placement	Technicalhub, AEC	Online	Mr. Sudheer, Mr.Rajesh	June & July 2020	120	Students

Value Added Courses

S.No.	Title of the Value Added Course	Academic Year	No.of Students Completed the Course	Dates of Event Conducted
1.	Full Stack Developmen	2020-21	221	04-06-2020 to 08-06-2020

Alumni Interactions/Meets

The session by Mr. Sattiraju (2001- 2005 Batch),working as Team lead, CISCO in US on " Career opportunities in CSE" was organized on June 8th 2020.

Siva Kanth Sattiraju (Cisco) (host)

vanathi (Guest) (me)
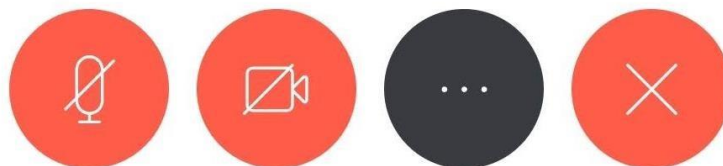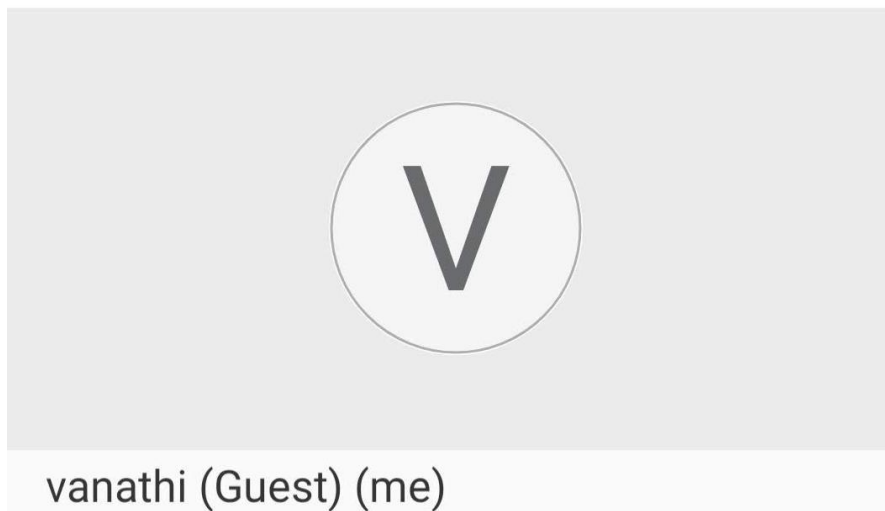
Patents/Copyrights Published/Granted

Two faculty members published and Granted an Australian patent and one faculty member has published an Indian Patent.

S. No.	Title of the Patent	Application No.	Inventors	Patent (International/Indian)	Date
1.	Dataset Discovery in data investigative using Machine Learning and AI Based Programming	2020101987	Dr. T Rama Reddy Dr M.V. Rajesh	Australian	29/08/2020
2.	Virus Control in Shrimp cultivation based on Internet of Things	202041028484	Mr. M.Srinu	Indian	17/07/2020

Workshops/Seminars/Trainings

S. No	Dept	Name of the faculty	Designation	Name of the workshop/Training programme	Organization	Date(s) From	Date(s) To
1	CSE	Dr. S. RAMA SREE	Professor in CSE & Dean(Academics)	Block Chain Technology and Cyber Security	Vikas Group of Institutions	09/07/2020	12/07/2020
2	CSE	Dr. S. RAMA SREE	Professor in CSE & Dean(Academics)	Block Chain Technology	Apssdc	13/07/2020	17/07/2020
3	CSE	Dr.T.Rama Reddy	Professor	Blockchain and its applications	GMR Institute of Technology, Rajam	10/06/2020	15/06/2020
4	CSE	Dr.T.Rama Reddy	Professor	Blockchain Technology	Keshav Memorial Institute Of Technology, Hyd	12/06/2020	13/06/2020
5	CSE	A.Vanathi	Associate Professor	Python Web Application Framework Using Flask And Django	Pragati Engineering College	01/06/2020	06/06/2020
6	CSE	A.Vanathi	Associate Professor	Python 3.4.3	Pragati Engineering College	08/06/2020	13/06/2020
7	CSE	T.Sudha Rani	Associate Professor	Python 3.4.3 and Python Django	CMR Engineering College	08/06/2020	13/06/2020
8	CSE	T. Sudha Rani	Associate Professor	Paradigm Shift from Offline to Online Teaching	KRM DEV College,Nakodar, Punjab	13/06/2020	13/06/2020
9	CSE	T. Sudha Rani	Associate Professor	One day E-Conference on Human Values:Post COVID-19	JNTU, Anantapur	14/06/2020	14/06/2020
10	CSE	T. Sudha Rani	Associate Professor	Data Science Behind Natural Language Processing	LBRCE,Mylavaram,AP	08/06/2020	10/06/2020
11	CSE	T. Sudha Rani	Associate Professor	Python Web Application Frame Work Using Flask and Django	Pragathi Engineering College	01/06/2020	06/06/2020
12	CSE	N.Siva Kumar	Sr.Asst Professor	Database Foundations by Oracle Academy	Oracle	22/06/2020	24/06/2020
13	CSE	K.Vydehi	Sr.Asst Professor	Tools for Scientific Communication and Effective Teaching	Vaagdevi college of Engineering,Warangal	02/06/2020	06/06/2020
14	CSE	K.Vydehi	Sr.Asst Professor	Blockchain Technologies	Gudlavalleru Engineering College	09/06/2020	13/06/2020

16	CSE	K.Vydehi	Sr.Asst Professor	Deep Learning based computer vision and its applications	SRM University, AP	19/06/2020	20/06/2020
17	CSE	K.Vydehi	Sr.Asst Professor	Business Analytics using python	TKR college of Engineering & Technology	22/06/2020	26/06/2020
18	CSE	G Uma Mahesh	Sr Asst. Professor	The Future Technology Stack- AI ,ML & NLP	Sai Spurthi Institute Of Technology	08/06/2020	10/06/2020
19	CSE	G Uma Mahesh	Sr Asst. Professor	Block Chain Technologies	Gudlavalleru Engineering College	09/06/2020	13/06/2020
20	CSE	N.Akhila	Sr.Asst Professor	Tools for Scientific Communication and Effective Teaching	Vaagdevi college of Engineering,Warangal	02/06/2020	06/06/2020
21	CSE	N.Akhila	Sr.Asst Professor	Deep Learning based computer vision and its applications	SRM University, AP	19/06/2020	20/06/2020
22	CSE	N.Akhila	Sr.Asst Professor	BlockChain Technology	KMIT,Hyderabad	12/06/2020	13/06/2020
23	CSE	N.Akhila	Sr.Asst Professor	Business Analytics using python	TKR college of Engineering & Technology	22/06/2020	26/06/2020
24	CSE	R S S Raju Battula	Asst. Professor.	Python Web Application Framework Using Flask And Django	Pragathi Engineering College	01/06/2020	06/06/2020
25	CSE	R S S Raju Battula	Asst. Professor	Ruby And Perl Programming	St.Peters Engineering College	03/06/2020	08/06/2020
26	CSE	R S S Raju Battula	Asst. Professor	Block Chain Technologies	Gudlavalleru Engineering College	09/06/2020	13/06/2020
27	CSE	R S S Raju Battula	Asst. Professor	Cyber Security	J NTUCEV	11/06/2020	16/06/2020
28	CSE	M.Srinu	Asst. Professor	Cyber Security	Anurag University	03/06/2020	05/06/2020
29	CSE	K Saritha	Asst. Professor	Machine Learning and its Applicationss	GIET	10/08/2020	13/08/2020
30	CSE	K Saritha	Asst. Professor	Advanced Data processing using ML,ANN and DL	TKR College of Engineering &Technology	13/07/2020	17/07/2020
31	CSE	P Srilatha	Asst. Professor	Recent Trends and Advances in Computational Intelligence 2020	GMR Institute of Technology	27/10/2020	31/10/2020
32	CSE	P Srilatha	Asst. Professor	Data Sciences	Atal Academy	02/11/2020	06/11/2020

Internships

SNO	ROLLNO	NAME	CLASS & SECTION	COMPANY NAME	DATES
1	18A91A05C2	A Venkata Rao	III CSE C	Indian Servers	01/08/2020 to 10/10/2020
2	17A91A0573	D Sivani	IV CSE B	IBM	01/06/2020 to 01/12/2020
3	18A91A05B0	Ramachandrarao chikkala	III CSE B	Simba Developers	07/09/2020 to 07/12/2020
4	18A91A05F4	Sri Haritha Motukuri	III CSE C	Krify Software Technology Private Limited	08/06/2020 to 24/07/2020
5	18A91A05D9	K Lakshmi Deepika Reddy	III CSE C	Krify Software Technology Private Limited	08/06/2020 to 24/07/2020
6	18A91A05F3	M Akhil	III CSE C	Indian Servers	01/08/2020 to 10/10/2020
7	18A91A0597	M Vamsi Krishna	III CSE B	Techtots	01/12/2020 to 28/02/2021
8	17A91A05H3	P Leela Krishna	IV CSE C	Abyeti Technologies	28/12/2020 to 14/07/2021
9	17A91A0587	M Rushya Harika	IV CSE B	Abyeti Technologies	28/12/2020 to 14/07/2021
10	17A91A0591	Muramalla Jyothsna Devi	IV CSE B	Abyeti Technologies	28/12/2020 to 14/07/2021
11	17A91A0581	K Suneel Varma	IV CSE B	MAQ Internship	07/12/2020 to 07/12/2021
12	18A91A05D6	J Madhavi Latha	III CSE C	Krify Software Technologies Private Limited	08/06/2020 to 24/07/2020
13	18A91A0570	Chitturi Rohith Sai	III CSE B	Brain O Vision	15/06/2020 to 02/09/2020
14	18A91A0531	Nallam Sri Venkata Kalyan	III CSE C	Indian Servers	01/08/2020 to 10/10/2020
15	18A91A05H1	Sathi Poorna Lakshmi Devi Sirisha	III CSE C	Internship Studio	29/07/2020 to 03/09/2020
16	18A91A05G5	P P Lakshmi Mounika	III CSE C	Internship Studio	29/07/2020 to 03/09/2020