



# INFORMATE

## NEWSLETTER

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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**  
**Journals**

Sl. No .	Name of the Faculty Author	Title of the Paper	Name of the Journal	ISBN/ISS N Number	Vol/Month	Index No UGC/ Scopus	URL/DOI
1	Dr. Rayudu Srinivas	A Bibliometric Survey on Heart Disease Prediction and Classification	Design Engineering	0011-9342	Issue 7/September 2021	UGC	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietBM8AAAAJ&amp;citation_for_view=HietBM8AAAAJ:UeHWp8X0CEI_C">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietBM8AAAAJ&amp;citation_for_view=HietBM8AAAAJ:UeHWp8X0CEI_C</a>
2	Dr. S. Rama Sree	Thermo-hydraulic performance of a solar air heater with staggered C-shape finned absorber plate	International Journal of Thermal Sciences	1290-0729	Volume 168/October 2021	SCOPUS	<a href="https://www.sciencedirect.com/science/article/abs/pii/S1290072921002325">https://www.sciencedirect.com/science/article/abs/pii/S1290072921002325</a>
3	Dr. Rayudu Srinivas	A Bibliometric Survey on Kidney Disease Prediction and Classification	Design Engineering	0011-9342	Issue 6/September 2021	UGC	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietBM8AAAAJ&amp;citation_for_view=HietBM8AAAAJ:UeHWp8X0CEI_C">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietBM8AAAAJ&amp;citation_for_view=HietBM8AAAAJ:UeHWp8X0CEI_C</a>
4	Dr. Rayudu Srinivas	Liver Disease Detection and Classification - A Bibliometric Survey	Design Engineering	0011-9342	Issue 7/September 2021	UGC	<a href="https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietB">https://scholar.google.co.in/citations?view_op=view_citation&amp;hl=en&amp;user=HietB</a>

							<a href="#">M8AAAAJ&amp;citation_for_view=HietBM8AAAJ:IjCSPb-OG4C</a>
5	Dr. K Swaroopa	A Novel Active Information Replication mechanism for cloud and big data	Design Engineering	0011-9342	October 2021	SCOPUS	<a href="https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=Ehi-MbAAAAAJ&amp;citation_for_view=Ehi-MbAAAAAJ:Tyk-4Ss8FVUC">https://scholar.google.com/citations?view_op=view_citation&amp;hl=en&amp;user=Ehi-MbAAAAAJ&amp;citation_for_view=Ehi-MbAAAAAJ:Tyk-4Ss8FVUC</a>
6	Dr. P Uday Kumar	Minimum Degree Connected Dominant Set Unequal Clustering for Wireless Sensor Networks(Mind-CDS)	Webology Journal	1735-188X	Volume 19, November 2/2022	SCOPUS	<a href="https://www.webology.org/issue.php?volume=19&amp;issue=53&amp;page=5">https://www.webology.org/issue.php?volume=19&amp;issue=53&amp;page=5</a>

### 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 Number	URL/DOI
1	Mr. M. Kalyan Ram	OXGBoost: An Optimized eXtreme Gradient Boosting Algorithm for Classification of Breast Cancer	3rd International Conference on Machine Intelligence and Signal Processing	September 23-25, 2021	NIT Arunachal Pradesh		<a href="https://link.springer.com/chapter/10.1007/978-981-19-0840-8_4">https://link.springer.com/chapter/10.1007/978-981-19-0840-8_4</a>

2	Mr. M. Kalyan Ram	Efficient Classification of Heart Disease Forecasting by using Hyperparameter Tuning	ICAAAIML-2021- International Conference on Advances and Applications of Artificial Intelligence and Machine Learning	28-29 Oct 2021	Sharda University, Greater Noida		• DOI: <a href="https://doi.org/10.1007/978-981-19-4831-2_10">10.1007/978-981-19-4831-2_10</a>
3	Dr. S. Prasanth Vaidya	Monitoring Pedestrian Social Distance System for COVID-19	ICAAAIML-2021- International Conference on Advances and Applications of Artificial Intelligence and Machine Learning	28-29 Oct 2021	Sharda University, Greater Noida		<a href="https://link.springer.com/chapter/10.1007/978-981-19-4831-2_18">https://link.springer.com/chapter/10.1007/978-981-19-4831-2_18</a>
4	Dr. S. Prasanth Vaidya	Hand Gesture Mapping Using MediaPipe Algorithm	3 rd International Conference on Communication, Computing and Electronics System (ICCCES 2021),	28-29 Oct 2021,	PPG Institute of Technology, Coimbatore, INDIA.	ISBN: 978-981-16-8861-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39">https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39</a>
5	Dr S.Rama Sree	Hand Gesture Mapping Using MediaPipe Algorithm	3 rd International Conference on Communication, Computing and Electronics System (ICCCES 2021),	28-29 Oct 2021,	PPG Institute of Technology, Coimbatore, INDIA.	ISBN: 978-981-16-8861-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39">https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39</a>
6	Mrs.A. Vanathi	Hand Gesture Mapping Using MediaPipe Algorithm	3 rd International Conference on Communication, Computing and Electronics System (ICCCES 2021),	28-29 Oct 2021,	PPG Institute of Technology, Coimbatore, INDIA.	ISBN: 978-981-16-8861-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39">https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39</a>
7	Mrs.G. Aparna	Hand Gesture Mapping Using MediaPipe Algorithm	3 rd International Conference on Communication, Computing and Electronics System (ICCCES 2021),	28-29 Oct 2021,	PPG Institute of Technology, Coimbatore, INDIA.	ISBN: 978-981-16-8861-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39">https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39</a>

8	Mr.V Ravi Kishore	Hand Gesture Mapping Using MediaPipe Algorithm	3 rd International Conference on Communication, Computing and Electronics System (ICCCE 2021),	28-29 Oct 2021,	PPG Institute of Technology, Coimbatore, INDIA.	ISBN: 978- 981-16- 8861-4	<a href="https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39">https://link.springer.com/chapter/10.1007/978-981-16-8862-1_39</a>
9	Dr S.Rama Sree	A Comparitive Study On a Disease Prediction System Using Machine Learning Algorithms	3rd International Conference on Artificial Intelligence and Speech Technology(AIST 2021)	12th to 13th Nov 2021	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi		<a href="https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41">https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41</a>
10	Mrs.A Vanathi	A Comparitive Study On a Disease Prediction System Using Machine Learning Algorithms	3rd International Conference on Artificial Intelligence and Speech Technology(AIST 2021)	12th to 13th Nov 2021	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi		<a href="https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41">https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41</a>
11	Mr.V Ravi Kishore	A Comparitive Study On a Disease Prediction System Using Machine Learning Algorithms	3rd International Conference on Artificial Intelligence and Speech Technology(AIST 2021)	12th to 13th Nov 2021	Indira Gandhi Delhi Technical University For Women (IGDTUW), New Delhi		<a href="https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41">https://link.springer.com/chapter/10.1007/978-3-030-95711-7_41</a>
12	Dr. S. Prasanth Vaidya	Multi-purpose Web Application Honeypot to Detect Multiple Types of Attacks and Expose the Attacker's Identity	International Conference On Computational Vision and Bio Inspired Computing (ICCVBIC 2021)	25-26, Nov 2021	RVS Technical Campus, Coimbatore, INDIA.	ISBN: 978- 981-16- 9572-8	<a href="https://link.springer.com/chapter/10.1007/978-981-16-9573-5_21">https://link.springer.com/chapter/10.1007/978-981-16-9573-5_21</a>
13	Mr. V. Ravi Kishore	Identification of Brain Tumor with the help of Convolution Neural Networks	3 <sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research	25-26 Nov,2021	Institute for Engineering Research and Publication, Chennai		
14	Dr. S.Rama Sree	Identification of Brain Tumor with the help of Convolution Neural Networks	3 <sup>rd</sup> International Conference on Multidisciplinary Innovation in Academic Research	25-26 Nov,2021	Institute for Engineering Research and Publication, Chennai		



## Computer Society of India (CSI) Student chapter

**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 competitions, hackathons etc., for students to enthuse the young generation.

Club Name	Name of Event	Date	No of participants
CSI	Veda-Digi	14,15-09-2021	642
	Project Expo	05-10-2021	194

### 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	04-09-2021	75
	Technical Quiz	03-10-2021	60
	Ideathon	02-11-2021	55

### Photos of various events organized at Disha club



**Google Student Developer Club(GSDC):** 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.

### Event conducted under GSDC

Club Name	Name of Event	Date	No of participants
Google Cloud Developer Club	gitbootcamp	27-09-2021	62
	Hacktober fest	03-10-2021	66
	Android App Development	22-10-2021	80
	Hands on session on python programming	01-11-2021	50



## Achievers Day

The Department of CSE has organized Achiever's Day on Sep 11 2021 for all the placed students for 2017-2021 batch.



## Value Added Courses for Students

S.No.	Title of the Value Added Course	Academic Year	No.of Students Completed the Course	Dates of Course Conducted
1.	Big Data Analytics with Python	2021-22	170	27-09-2021 to 01-10-2021

## Faculty Knowledge Sharing Sessions

Faculty Knowledge Session program was conducted by the department on 13<sup>Th</sup> November 2021



Dr. R Srinivas, Professor sharing knowledge on Research Project



Dr. Mamata Panday, Associate Professor sharing knowledge on Research Publications



Dr. Swarropa, Associate Professor had a knowledge session on Research Literature Surveying

## Cisco Certifications

S.No.	Rollno	Name of the Student	Course Name	Completion Date
1	19A91A0548	Rayavarapu Jahnavi Pramodhani	PCAP: Programming Essentials In Python	25/09/2021

## Udemy

S.No.	Rollno	Name of the Student	Course Name	Completion Date
1	19A91A05A4	Ishwarya Jyothi	Python Programming From basics to Advanced level	23/09/2021

## TCS ION Carrer Edge

S.No.	Rollno	Name of the Student	Course Name	Completion Date
1.	19A91A0581	Eluri Sanghavi	TCS ION Career Edge –Young Professional	18/09/2021

## INTERNSHIPS

30 CSE Students has done Internships on trending technologies in various companies like Hexaware Technologies, MAQ, ADP, IBM, Indian Servers, Nitech-edu, Brain O Vision, NSIC Technical service Centre, National Small Industries Corporation Limited and Maersk.



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – ADP***

**Congratulations**



18A91A0573  
G.N.V.S.L.S. Sireesha



18A91A0586  
K. Sasidhar



18A91A0596  
M. Meghana



18A91A0597  
M. Vamsi Krishna



18A91A05A7  
P.V.V.S. Ganesh

*Salary package 5 Lakhs per Annum  
Held in the month of September 2021*

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – AOP***

**Congratulations**



18A91A05E5  
M.B.R.Patnaik



18A91A05E7  
M.Namratha



18A91A05F8  
M.Deepthi



18A91A05H7  
V.Gowri Sri Suma



18A91A05B4  
S.M.Manvish

*Salary package 5 Lakhs per Annum  
Held in the month of September 2021*



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – DIGITAL TRUST***

**Congratulations**



**18A91A0597**  
**M.Vamsi Krishna**



**18A91A05A8**  
**P.D.S.Deepthi**

*Salary package 5.5 Lakhs per Annum*  
*Held in the month of September 2021*

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – VALUE MOMENTUM***

**Congratulations**



18A91A0511  
B.Madhuri



18A91A0515  
CH.Nandini Devi



18A91A0519  
D.Devika



18A91A0538  
M.M.Catherine



18A91A0539  
G.Nishitha

*Salary package 4 Lakhs per Annum  
Held in the month of September 2021*

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – VALUE MOMENTUM***

**Congratulations**



18A91A0540  
O.Vijay



18A91A0555  
Siddhant Kumar



18A91A0557  
T.Pragna



18A95A0504  
V.V.S.Vamsi



18A91A0560  
A.V.D.L.Neeraja

*Salary package 4 Lakhs per Annum  
Held in the month of September 2021*

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

***HEARTILY CONGRATULATIONS – VALUE MOMENTUM***

**Congratulations**



18A91A0575  
G.Pravallika



18A91A0589  
K.S.S.Jyothi



18A91A0599  
A.P.S.S.Sivapriya



18A91A05A6  
P.Veerababu



18A91A05C2  
A.Venkatarao

*Salary package 4 Lakhs per Annum  
Held in the month of September 2021*



**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**HEARTILY CONGRATULATIONS – VALUE MOMENTUM**

**Congratulations**



19A95A0515  
E.U. Kiran Kumar



18A91A05C3  
N. Bahulika



18A91A05C6  
B. Vidya Sagar



18A91A05C9  
G. Harika



18A91A05E1  
K. Harshitha

*Salary package 4 Lakhs per Annum  
Held in the month of September 2021*

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**HEARTILY CONGRATULATIONS – VALUE MOMENTUM**

**Congratulations**



18A91A05F7  
M.Vidya Shirin



18A91A05H2  
S.R.Swatika



18A91A05H5  
T.M.V.V.Anusha



18A91A05H6  
V.S.Naga Vikas



18A91A05H8  
V.Vijaya Durga

*Salary package 4 Lakhs per Annum  
Held in the month of September 2021*



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**Ms. Shaik Ayesha** (III B. Tech-19A91A0552)

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