



# INFORMATE

## NEWSLETTER

VOLUME 11

ISSUE- 1 (JUN-AUG)

2021-22

### 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 /ISSN Number	Vol/ Month	Index No UGC/ Scopus	URL/DOI
1	Dr. Rama Reddy	Proposing a reliable method of securing and verifying the credentials of graduates through blockchain	Eurasip Journal on Information Security	2510523X	June 2021	SCOPUS	<a href="https://doi.org/10.1186/s13635-021-00122-5">10.1186/s13635-021-00122-5</a>
2	Dr. Rayudu Srinivas	Load Flow Solution of Distribution Systems - A Bibliometric Survey	Library Philosophy and Practice	1522 0222	Volume 5812/ July 2021	SCOPUS	<a href="https://digitalcommons.unl.edu/libphilprac/5812/">https://digitalcommons.unl.edu/libphilprac/5812/</a>
3	Dr. K Swaroopa	An efficient replication management system for HDFS management	Materials Today Proceedings	2214-7853	July 2021	SCOPUS	<a href="https://www.sciencedirect.com/science/article/pii/S2214785321048938">https://www.sciencedirect.com/science/article/pii/S2214785321048938</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/IS SN Number	URL/DOI
1	Mr. K. Govinda Raju	Privacy by Design Approach for Vehicular Tripdata Using k-Anonymity Perturbation	ICDECT 2020	15-16 July 2021	KITS Warangal		<a href="https://link.springer.com/chapter/10.1007/978-981-16-0081-4_12">https://link.springer.com/chapter/10.1007/978-981-16-0081-4_12</a>
2	Dr. S. Prasanth Vaidya	Finding Numbers of Occurrences and Duration of a Particular Face in Video Stream	Innovations in Computational Intelligence and Computer Vision (ICICV 2021),	5-6 Aug 2021,	Manipal University, Jaipur, INDIA.	ISBN: 978-981-19-0474-5	<a href="https://link.springer.com/chapter/10.1007/978-981-19-0475-2_9">https://link.springer.com/chapter/10.1007/978-981-19-0475-2_9</a>
3	Dr. S.Rama Sree	Automated Short Answer Grading using Deep Learning: A Survey	International cross-domain conference for Machine Learning and Knowledge Extraction, CD-MAKE 2021	17 <sup>th</sup> - 20 <sup>th</sup> Aug 2021	Vienna, Austria		DOI: <a href="https://doi.org/10.1007/978-3-030-84060-0_5">10.1007/978-3-030-84060-0_5</a>
4	Dr. S.Rama Sree	Text2PyCode: Machine Translation of Natural Language Intent to Python Source Code	International cross-domain conference for Machine Learning and Knowledge Extraction, CD-MAKE 2021	17 <sup>th</sup> - 20 <sup>th</sup> Aug 2021	Vienna, Austria		<a href="https://dblp.org/pid/299/4817.html">https://dblp.org/pid/299/4817.html</a>
5	Mr.N S L Kumar Kurumeti,	An Analysis on Classification models to predict possibility for type 2 Diabetes of Patient	3 <sup>rd</sup> International Conference On Innovative Data Communication Technologies and Application (ICIDCA 2021)	20-21 Aug ,2021	RVS College of Engineering & Technology Coimbatore Tamil Nadu	,	<a href="https://link.springer.com/chapter/10.1007/978-981-16-7167-8_14">https://link.springer.com/chapter/10.1007/978-981-16-7167-8_14</a>

**Disha Club:** Disha is a student club run by CSE students. Its objective is to conduct various co curricular activities like Algorithmic designing, code debugging, blind coding, quiz, painting, project Expo, Ideathon and magazine preparation. This platform creates 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	04-07-2021	60
	Dance contest	03-08-2021	75

#### 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.



Aditya Engineering College Page in Google Student developer Club Website.

Academic Year	Lead Name
2021-22	SHAIK JIYAULL HAQ ALI, 19A91A05C2



## Workshops/Trainings attended by Faculty

S. No	Name of the faculty	Designation	Name of the workshop/Training programme	Organization	Date(s)	
					From	To
1	Mrs. K Vydehi	Senior Assistant Professor	Emerging Trends 2.0	BIT Institute of Technology, Hindupur	07/06/2021	11/06/2021
2	Mrs. P Srilatha	Assistant Professor	Recent Trends in Computer Vision	Lakireddy Bali reddy college of engineering	17/06/2021	19/06/2021
3	Mrs. K Vydehi	Senior Assistant Professor	Applications of Machine Learning	Shri Vishnu Engineering College for Women	15/06/2021	19/06/2021
4	Mrs. K Vydehi	Senior Assistant Professor	Recent Trends in Computer Vision	Lakireddy Bali reddy college of engineering	17/06/2021	19/06/2021
5	Mrs. K Vydehi	Senior Assistant Professor	Research and application perspectives in artificial intelligence and machine learning	Sridevi women's engineering College	21/06/2021	25/06/2021
6	Mrs. P Srilatha	Assistant Professor	Research and application perspectives in artificial intelligence and machine learning	Sridevi women's engineering College	21/06/2021	25/06/2021
7	Mrs.K Vydehi	Senior Assistant Professor	Fundamentals of Deep Learning	NVIDIA Sponsored workshop	24/06/2021	26/06/2021
8	Mrs. P Srilatha	Assistant Professor	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	28/06/2021	02/07/2021



## Faculty Achievements

### Textbooks Published

S.No	Name of the Faculty	Book Title & ISBN No.	Publisher	Cover Page Photo
1	Dr. P.Udaya Kumar	MicroPython for the Internet of Things, ISBN No:9798885034 791	Notion Press Media Pvt Ltd, Chennai	
2	Dr. K Swaroopa	Advanced Data Structures & Algorithm using C++, ISBN: 978-93-92992-34-6	Scientific International Publishing Home	
	Dr. K Swaroopa	Fundamentals of Python Programming, ISBN: 978-93-92992-88-9	Scientific International Publishing Home	

## Patents Granted

Five faculty members published and granted an Indian Patent.

S. No.	Title of the Patent	Application No.	Inventors	Patent (International/Indian)	Date
1.	Virtual Reality Learning And Amusement System Based On Artificial Intelligence (AI) And IOT	202141021933	Dr.S.Rama Sree and Mrs. A. Vanathi	Indian	11/06/2021
2.	Mini FM Transmission: Home based Mini FM Transmission using IoT based System	202141031318	Dr.K.Swaroop	Indian	13/07/2021



## Certifications

The Students are encouraged to do practices in coding skills using various Online platforms.

### Nptel Certifications

SNO	ROLLNO	NAME	COURSE NAME	Percentage	Month & Year
1	18A91A0503	Aman Raj	Introduction to Internet of Things	61	Jul-Oct 2021
2	18A91A0559	Murali Sridhar Naidu Thota	Data Science for Engineers	57	Jul-Sep 2021
3	18A91A0559	Murali Sridhar Naidu Thota	Python for Data Science	70	Jul-Aug 2021
4	18A91A0562	A Geethanjali	Python for Data Science	65	Jul-Aug 2021
5	18A91A0572	D Bhagya Sri	Python for Data Science	68	Jul-Aug 2021
6	19A91A0502	K Sindu Sri	Python for Data Science	69	Jul-Aug 2021
7	18A91A0528	K Ayyappa Reddy	Python for Data Science	68	Jul-Aug 2021
8	18A91A05G0	N sai venkata kalia	Python for Data Science	62	Jul-Aug 2021
9	18A91A0583	Dev Siva Sai Kalyan Kollu	Python for Data Science	66	Jul-Aug 2021
10	18A91A05B2	Sadireddy Kiran Kumar	Python for Data Science	65	Jul-Aug 2021
11	18A91A05A4	P Shreya Prabhalitha	Python for Data Science	55	Jul-Aug 2021
12	18A91A05B1	S Venkata Hemanth	Python for Data Science	67	Jul-Aug 2021

### TCS Ion Career Edge Certifications

SNO	ROLLNO	NAME	COURSE NAME	STARTING DATE	COMPLETION DATE
1	19A91A05J4	Bindu Sri Vendra	TCS ION Career Edge – Young Professional	13/06/2021	29/06/2021

## Hackerrank Certifications

SNO	ROLLNO	NAME	COURSE NAME	COMPLETION DATE
1	19A91A05D4	Bindeshwar Prasad Sah	Python(Basic)	01/06/2021
2	19A91A05J4	Bindu Sri Vendra	Python(Basic)	20/06/2021
3	19A91A05H9	Rabin Kumar Sah	Python(Basic)	01/06/2021
4	19A91A0597	Kovvuri Venkata Rama Durgaprasad Reddy	Javascript(Basic)	27/07/2021
5	19A91A0575	Chitti GovindaRaju	Java(Basic)	01/06/2021
6	19A91A0575	Chitti GovindaRaju	Problem Solving(Basic)	29/07/2021
7	19A91A0559	Sudheethi Vakicherla	Python(Basic)	10/07/2021
8	19A91A05I5	Veerraju Singamsetti	Python(Basic)	26/06/2021
9	19A91A0576	Madhulika Patnaik	Python(Basic)	13/06/2021
10	19A91A0578	D Meghana reddy	Python(Basic)	14/06/2021
11	19A91A0571	Pallavi Burelli	Python(Basic)	05/07/2021

## Cisco Certifications



SNO	ROLLNO	Name	COURSE NAME	COMPLETION DATE
1	19A91A05I7	Sivakoti Bindu	Google Cloud Fundamentals for AWS Professionals	02-07-2021

# **EDITORIAL BOARD**

## **Editor in Chief**

**Dr. M. Sreenivasa Reddy** Principal

## **Associate Editors**

**Mrs. A. Vanathi** Associate Professor & HOD

**Mr. M. Kalyan Ram** Assistant Professor

**Mrs. K. Vydehi** Assistant Professor

## **STUDENTS**

**Mr. M. Prudhvi** (IV B.Tech- 19A95A0508)

**Mr. U. Chetan Rama Kumar** (IV B. Tech- 18A91A05B8)

**Ms. G. Sai Sree** (III B. Tech-19A91A0517)

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

**Ms. V Sudheethi** (III B. Tech-19A91A0559)

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

**Mr. K. Manikanta** (II B. Tech-20A91A0592)

**Mr. M. Teja** (II B. Tech-20A91A0539)