



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	ISB N/IS SN Number	Vol/Month	Index No UGC/ Scopus	URL/DOI
1	Dr. S. Prasanth Vaidya	Adaptive tamper detection watermarking scheme for medical images in transform domain	Multimedia Tools and Applications	1380 - 7501	Volume 81/February 2022	SCOPUS	https://link.springer.com/article/10.1007/s11042-022-12273-9
2	Dr. S. Prasanth Vaidya	Fingerprint-based robust medical image watermarking in hybrid transform	The Visual Computer	0178 - 2789	January 2022	SCOPUS	https://link.springer.com/article/10.1007/s00371-022-02406-4
3	Dr. S. Prasanth Vaidya	Adaptive Medical Image Watermarking System For E-Health Care	SN Computer Science	2661 - 8907	Volume 3/December 2021	SCOPUS	https://link.springer.com/article/10.1007/s42979-021-00995-w

Conferences

Sl. No.	Name of the Faculty as Author	Title of the Paper	Name of the Conference	Date/s	Organized by with location	ISBN/ISS N Number	URL/DOI
1	Mr. M. Kalyan Ram	A Comprehensive Analysis of Prediction of P-Glycoprotein in Tumour cells, Breast and Ovarian cancer using Machine Learning	5th International Conference ICECA	2-4 Dec, 2021	RVS College of Engineering & Technology	Coimbatore, Tamil Nadu	https://ieeexplore.ieee.org/document/9675973
2	Dr. S. Prasanth Vaidya	Adaptive Blind Color Image Watermarking Approach using BRISK Features Based on CT and CNN	IEEE 2021 conference on IOT for Rural Healthcare(CI RH)	Dec, 2021	Vignan's Foundation for Science, Technology	Gunturu	

3	Mr.M Venkatesh	An Efficient IOT Security Solution using Deep Learning Mechanisms	International Conference on Data Science, Intelligent Computing and Cyber Security(ICDI C-2021)	29-30 Dec, 2021	Sree Vidyaniketan Engineering College, Tirupati		https://link.springer.com/chapter/10.1007/978-981-19-4162-7_11
4	Mrs.G. Aparna	Smart Attendance with Real Time Face Recognition	6th International Conference on Inventive Systems and Control, ICISC 2022	6 Jan 2022 to 7 Jan 2022	Coimbatore	978-981191011-1	10.1007/978-981-19-1012-8_59
5	Mr.A. Phani Sridhar	Big data in Internet of Things health care:A Bibliometric Survey	International Conference on Research and Innovation in Science, Technology and Management(ICRISTM-2022)	7-8 Jan 2022	BESTIU, Andhra Pradesh, Gorantla		
6	Mr. M. Kalyan Ram	Real-Time Implementation of CNN Based Face Mask Detection: A Method to Diminish the Risk of Covid-19	Third International Conference on “Advances in Distributed Computing and Machine Learning	15 th -16 th Jan 2022	National Institute of Technology, Warangal	978-981-19-1018-0	https://link.springer.com/chapter/10.1007/978-981-19-1018-0_38
7	Dr. R. Srinivas	Real Time Nitrogen, Phosphorus, Potassium (NPK) Detection in Soil Using IoT	International Conference on Emerging Applications of Information Technology	Feb, 25-27, 2021	CSI KOLKATA CHAPTER		DOI: 10.1007/978-981-16-4435-1_39

Student Publications (Conferences)

Sl · N o.	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	M.S.S.Sunaina,P. L.S.N Manjusha, O.Kishore	Virtual Ornament Room using Haar Cascade , Algorithm during Pandemic	Sixth International Conference on Information and Communication Technology for Competitive Strategies (ICTCS-2021)	Dec 17- 18,2021	Jaipur, Rajasthan, India	978- 981-19- 0095-2	https://link.springer.com/chapter/10.1007/978-981-19-0095-2_24
2	M T S K Lakshmi, M Govind Raju, M Sarojini, G Madhu Kiran	Real-Time Implementation of CNN Based Face Mask Detection: A Method to Diminish the Risk of Covid- 19	Third International Conference on “Advances in Distributed Computing and Machine Learning	15 th -16 th Jan 2022	National Institute of Technolog y, Warangal	978- 981-19- 1018-0	https://link.springer.com/chapter/10.1007/978-981-19-1018-0_38

Student Workshops Organized

- P. Sreenivasa, Working at Bellsoft, USA, “A two day workshop on Cyber Security” organized by Department of CSE on 25/02/2022 and 26/02/2022.

Faculty Workshops Organized

- A.Phani Sridhar, Associate Professor ,“A two dayworkshop on Internet of Things” organized by Department of CSE on 17/02/2022 and 18/02/2022.



Value Added Courses

S.No.	Title of the Value Added Course	Academic Year	No.of Students Completed the Course	Dates of Event Conducted
1.	Cyber Security Essentials	2021-22	178	7-02-2022 to 11-02-22
2.	Image Processing with Python and OpenCV	2021-22	171	14-02-2022 to 18-02-2022

Guest Lectures Attended by Students

S.No.	Guestlecture Name	Organized By	Venue	Resource Person	Date	No. of Participants	Student/ Faculty
1.	A One DAY Guest lecture on Cyber Security Trends 2021	AEC	AEC, Seminar Hall	Mr. N.Chakravarthy	15/12/2021	200	Students (III CSE A,B,C)
2.	A One Day Guest Lectureon UI/UX Career Opportunities	AEC	Lab 4,BGB	Mr. N. Yaswantha Veera Venkata Kiran,2017 Batch	18/12/2021	70	Students (II CSE B)



Guest lectureon **Cyber Security Trends 2021** by Mr. N.Chakravarthy on 15/12/2021 to III CSE A, B and C Students

Workshops Attended by Students

S.No.	FDP/Workshop Name	Organized By	Venue	Resource Person	Date	No. of Participants	Student/Faculty
1.	A 2 DAY WORKSHOP skill improvement program on Source code management using git and github	APSSDC & AEC	Computer lab 3, BGB, AEC	Ms. B. Sumama&Ms.B. Krishna priya, APSSDC	22-11-2021 To 23-11-2021	70	Student(II CSE A)
2.	A 2 DAY WORKSHOP skill improvement program on Source code management using git and github	APSSDC & AEC	Computer lab 3, BGB, AEC	Ms. B. Sumama&Ms.B. Krishna priya, APSSDC	24-11-2021, 25-11-2021	70	Student(II CSE B)
3.	A 2 DAY WORKSHOP skill improvement program on Source code management using git and github	APSSDC & AEC	Computer lab 3, BGB, AEC	Ms. B. Sumama&Ms.B. Krishna priya, APSSDC	26-11-2021, 27-11-2021	70	Student(II CSE C)
4.	Two-Day workshop on “DevOps (Concepts and Hands-on Lab)	Dept of CSE, AEC	Lab 1	Mr Krishna Mohan Koyya, Founded Director of Glarimy Technology Services, Bangalore	16/12/2021 to 17/12/2021	47	Student(III CSE A,B,C)
5.	Data analytics using python	Apssdc & AEC	Computer Lab 4, AEC	P Sindhuja and K Mangatayar u	20/12/2021 to 24/12/2021	60	Student(III CSE C)
6.	DIGI Accelerator Career	Brain O Vision & AEC	Online mode	Sai Ramesh R, Entrepreneur, Social Media Expert and Self consultant, Trainer and Speaker	27/01/2022	180	Student(II CSE A,B,C)
7.	A 2 DAY Workshop on R programming and its applications	AEC	Computer lab 6, BGB, AEC	Pantech elearning	6/12/2021, 7/12/2021 (2:30PM-3:30PM)	200	Students(I II CSE A,B,C)

Ph.D Awarded

Mr.M.Venkatesh, Assoc Professor Awarded Doctorial Degree in “Personalised and Optimized Recommender System for E-Learners Based on their choice and learning levels”

S.No.	Name of the Faculty	University	Title & Guidance	Month-Awarded
1	M. Venkatesh	Hindustan University, Chennai	“Personalized and Optimize Recommender System for E-Learners based on their Choice and Learning Level” Under the guidance of Dr. Satya Lakshmi	January 2022

ఆదిత్య అసోసియేట్ ప్రొఫెసర్.”వెంకటేశ్”కు డాక్టరేట్



గండేపల్లి, జనవరి 17,(ప్రభాతవార్త):గండేపల్లి మండలంసూరంపాలెం ఆదిత్య విద్యాసంస్థలకు చెందిన ఆదిత్య ఇంజనీరింగ్ కళాశాల నందు సి.ఎస్.ఇంజనీరింగ్ విభాగంలో అసోసియేట్ ప్రొఫెసర్ గా సేవ లందిస్తున్న “ మాగంటివెంకటేశ్”కు హిందు స్టాన్ యూనివర్సిటీ చెన్నై నుండి డాక్టర్ ఆఫ్ ఫిలాసఫీ(డాక్టరేట్) లభించిన ట్లు ఆదిత్య విద్యాసంస్థల వైస్ చైర్మన్ డా.నల్లమిల్లి సతీష్ రెడ్డి తెలియ జేసారు .హిందుస్టాన్ యూనివర్సిటీ కంప్యూటర్ సైన్స్

విభాగాధిపతి డా.నత్తులక్ష్మి నేతృత్వంలో “వెంకటేశ్” తాను సమర్పించిన శీర్షిక: “పర్సనలైజ్డ్ అండ్ ఆప్టిమైజ్డ్ రికమెండర్ సిస్టమ్ ఫర్ ఈ-లెర్నర్స్ బేస్డ్ ఆన్ థేయర్ ఛాయస్ అండ్ లెర్నింగ్ లెవెల్” అనే అంశం పై సమర్పించిన థీసిస్ కు గాను ఈ డాక్టర్ ఆఫ్ ఫిలాసఫీ పొందారని తెలిపారు. “డా. వెంకటేశ్ “తన జీవితంలో మరిన్ని ఉన్నత శిఖరాలు అధిరోహించాలని ఆకాంక్షిస్తూ ఆదిత్య విద్యాసంస్థల చైర్మన్ డా.ఎన్. శేషారెడ్డి, వైస్ చైర్మన్ డా.ఎన్.సతీష్ రెడ్డి, క్యాంపస్ డైరెక్టర్ ప్రిన్సిపాల్ .డా.ఎమ్.శ్రీనివాసరెడ్డి, వివిధ విభాగాల డీన్స్, సి.ఎస్. ఇంజనీరింగ్ పతిప్రో. ఎ.వానతి, ఉపాధ్యాయ సిబ్బంది అభినందనలు తెలిపారు



Tue, 18 January 2022

<https://epaper.vaartha.com/c/6567>



Alumni Interactions

S.NO	Date	Alumni Details	Topic Addressed on	Addressed to
1	18/11/21	Pavan(2013-17)	Current trend in IT industries	III CSE A&B
2	22/11/21	VidyaMadhuri(2017-21)	How to prepare for placement Drives	III CSE C
3	23/11/21	G Bhagya Sri(2008-12)	How to prepare for placement Drives	II CSE C
4	10/12/21	B.Hima Tejaswi(2017-2021)	Importance of Database	III CSE C
5	18/12/21	P Chakradhar(2016-2020)	About Career Goals	IV CSE B
6	18/12/21	A Vijaya Durga Bhanu(2016-2020)	Current trend in IT industries	IV CSE A
7	18/12/21	B Naveen(2016-2020)	How to prepare for placement Drives	IV CSE B
8	18/12/21	K.Durga Prasad(2013-17)	Devops Technologies to learn	III CSE A
9	23/12/21	M.Rajesh(2017-2021)	Importance of Database	III CSE B
10	22/01/22	L Surya Sai Raj(2009-13)	How to Prepare for higher education	III CSE A
11	22/01/22	R. Leela Krishna(2009-13)	How to do business	III CSE A
12	22/01/22	M. Prem (2009-13)	About IT company jobs	III CSE A
13	29/01/22	M Sai Sravya(2016-2020)	Different Competitive exams	II CSE A
14	29/01/22	V Venkata Ramani(2016-2020)	About IT company jobs	II CSE A

Competitive Exams

S.no.	Rollno	Name	Class and Section	Exam Name	Score
1	18A91A0596	M Meghana	IV CSE B	GRE	327/340
2	18A91A05A1	P V Krishna Kumar	IV CSE B	GRE	327/340
3	18A91A05A1	P V Krishna Kumar	IV CSE B	Toefl	86/120
4	15A91A0513	G V D Santosh Kumar Reddy	2019 Batch	GRE	321/340
5	18A91A0528	K Ayyappa Reddy	IV CSE A	GRE	333/340
6	18A91A05D2	G Pranay Kumar Reddy	IV CSE C	GRE	333/340
7	18A91A0596	M Meghana	IV CSE B	Toefl	111/120
8	15A91A05G2	P Sai Swetha	2020 Batch	IELTS	65/120
9	17A91A05B9	T Hemanth Phani	2021 Batch	Duo Lingo	125/160
10	15A91A05F5	N Satya Prakash	2019 Batch	IELTS	70/120
11	15A91A05F5	N Satya Prakash	2019 Batch	GRE	313/340
12	16A91A05A2	P Surendra Reddy	2020 Batch	IELTS	91/120
13	16A91A0529	M P V Sai Durga Reddy	2020 Batch	Toefl	89/120
14	16A91A05I3	K Sai Srujana	2020 Batch	GRE	323/340
15	16A91A05G7	V Sahana	2020 Batch	GRE	323/340
16	16A91A05E2	K Lokesh	2020 Batch	RRB Clerk	68/100
17	18A91A05D2	G Pranay Kumar Reddy	IV CSE C	Toefl	105/120
18	09A95A0502	G Bhagya Sri	2012 Batch	IELTS	75/120
19	18A91A0518	D Naveen	IV CSE A	Toefl	99/120
20	15A91A05B7	T Vijaya	2019 Batch	Duo Lingo	105/160
21	15A91A05B7	T Vijaya	2019 Batch	GRE	329/340
22	18A91A0506	B Nithin Sai	IV CSE A	GRE	322/340
23	18A91A0550	R Akash Teja	IV CSE A	GRE	317/340
24	09A91A05A9	L Surya sai Raj	2013 Batch	GRE	329/340
25	09A91A05A9	L Surya sai Raj	2013 Batch	IELTS	70/120

Industrial Visits

SNO	Name of the Location	Year and Section	Dates
1	Krify Software Technologies Pvt Ltd, Thimmapuram	II CSE A	22/12/2021
2		II CSE B	23/12/2021
3		II CSE C	24/12/2021



Photos during Industrial Visits II CSE – A, B and C Sections

Extra-Curricular Activities Sports

S.No	Roll No	Name of the Student	Event Name	Organized By	Dates	Remarks
1	19A91A05H5	P Rasheeda	Chess	Intramurals,A EC	1/12/2021	Winner
2	19A91A0541	P Tanuj Kumar	Badminton	Intramurals,A EC	06/01/22, 07/01/22	Winner
3	19A91A0570	B Harsha sri Sameera	Taekwondo	Jntuk, DVR & Dr. HS MIC College of Technology	20/02/2022	Runner U- 53Kg

జె.ఎన్.టి.యూ.కె 'తైక్వాండా' టీమ్కు అధిష్ట విద్యార్థి ఎంపిక

పాడుకొట్ల (ఇంద్రావతి జిల్లా) మండలం గుంటూరు జిల్లాకు చెందిన మూడుగురు అధిష్ట విద్యార్థులు పాడుకొట్ల కళాశాలకు చెందిన విద్యార్థి జె.ఎన్.టి.యూ.కె. నూర్జుమ్లా జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలో తైక్వాండా టీమ్లోకి ఎంపికైన విద్యార్థులు ప్రకటించారు. ఈ సందర్భంగా జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులు జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులను ప్రకటించారు. జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులు జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులను ప్రకటించారు.

జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులు జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులను ప్రకటించారు. జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులు జె.ఎన్.టి.యూ.కె. యూనివర్సిటీలోని విద్యార్థులను ప్రకటించారు.

B Harsha sriSameera, 19A91A0570 secured 2nd Prize in Taekwondo organized by Jntuk, DVR &Dr. HS MIC College of Technology

NSS Events

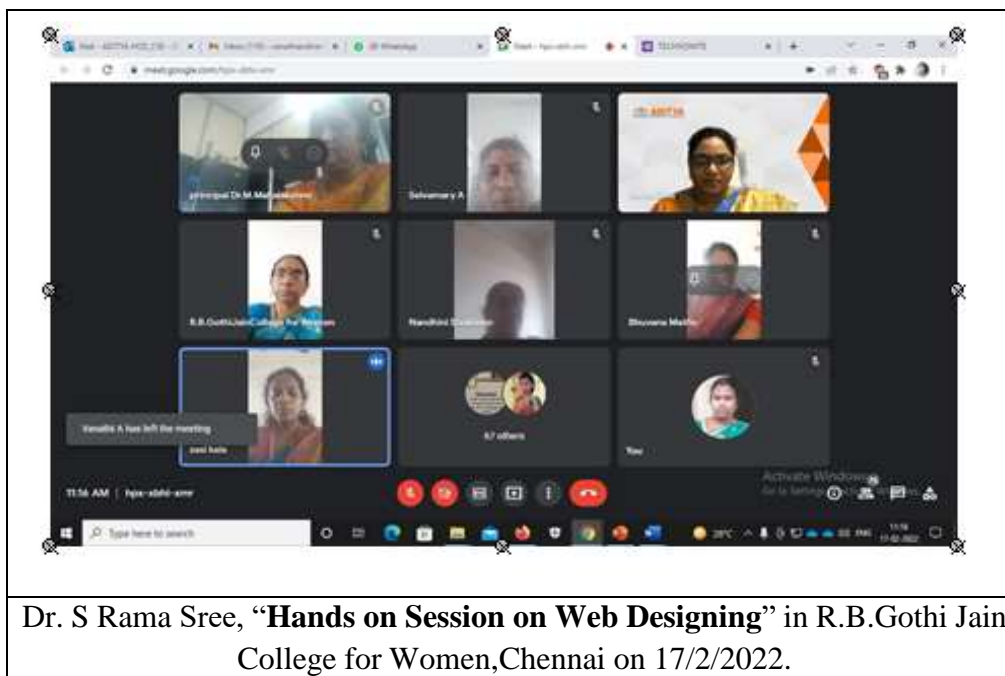
S.No	Name of theActivities	Name of the Event	Dates
1	Quiz competitionElocution Essay writing	International Students Day National Integration Day	17-11-2021 19-11-2021
2	AwarenessProgramme	National LawDay	26-11-2021
3	AwarenessProgramme	Anti-drugs andProhibition	13-12-2021

Book Chapters Published by Faculty

- 1) Dr.T.Rama Reddy published book chapter “Finding MST by considering increasing cost order of the edges incident on vertices” part of the Lecture notes in networks and systems.
- 2) K. Govinda Raju published book chapter “Privacy by Design Approach for Vehicular Tripdata Using k-Anonymity Perturbation”
- 3) Dr.P.Udaya Kumar published book chapter “Cryptography and Security”(page 97-110) of the book “Emerging Trends in Applied Research”, Volume 2 by Integrated Publications, New Delhi. ISBN No:978-93-90471-58-4.

Guest lecture Presented by Faculty

- 1) A.Vanathi, Assoc Professor & HOD presented a guest lecture on “IOT in Health Care” in Sathyabama Institute of Science & Technology, Dept of CSE Organizes “Let’s Walk Through Technology” on 03/01/2022 .
- 2) A.Phani Sridhar, “Internet of Things in Daily Life(IoT Eco System)” in Sanketika Vidya Parishad Engineering College, Visakhapatnam on 22/1/2022
- 3) Dr. S Rama Sree, “Hands on Session on Web Designing” in R.B.Gothi Jain College for Women, Chennai on 17/2/2022.
- 4) A.Vanathi, “Hands on Session on Web Designing” in R.B.Gothi Jain College for Women, Chennai on 17/2/2022.





A. Vanathi, “**Hands on Session on Web Designing**” in R.B.Gothi Jain College for Women, Chennai on 17/2/2022

T-hub Certifications

- 70 students completed various challenging certifications in T-hub

SQL Competition Sponsored by OracleAcademy

- Winners of SQL Competition Sponsored by Oracle Academy and Conducted in AEC on 21-2-2022.

Faculty Awards

- 1) Dr. S.Rama Sree Received “Bhishma Acharya Award” in the Bharath Education Excellence Awards(2020-21) organised by Brain O Vision on Sep 5th 2021 for exemplary contributions in Research and Education.

Patents Published by Faculty

- 1) Dr.S.Rama Sree and A. Vanathi, “Virtual Reality Learning And Amusement System Based On Artificial Intelligence (Ai) And IOT”, Application no:202141021933 Published on 11/06/2021.
- 2) Dr.T.Chandra Sekhar Rao and Dr.K.Swaroopa, “Mini FM Transmission: Home based Mini FM Transmission using IoT based System”, Application no:202141031318 Published on 13/07/2021.
- 3) Sandeep Srivastava, A.Phani Sridhar, ” A Cloud Computing Technology-Based File Management And Uploading Method & Apparatus”, Application no:202111046812 Published on 13/10/2021.
- 4) Dr S Rama Sree, “Agri-Tech Farming Revolution for using PLC Solar Water and Fertilizer’s Pump with New Altered-Nozzle”, Ref no:202141049447, Published on 5/11/2021.

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STUDENTS

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