

GEETHANJALI INSTITUTE OF SCIENCE & TECHNOLOGY

(AUTONOMOUS)

Gangavaram (V), Kovur (M), S.P.S.R. Nellore - 524137

Accredited with NAAC 'A' Grade & NBA (B. Tech - ECE, EEE & MECH)

Department of Computer Science and Engineering

TECHIES CHRONICLE

VOLUME 1 / ISSUE 1 (JUL-DEC)

Editorial Message

The Geethanjali Institute of Science and Technology is one of the leading engineering colleges, helping students to reshape their future to become a valuable asset for the nation. We are committed to academic excellence in the fields of Computer Science and Engineering, leading to develop students through academia and industry linkages. Computer Science is an exciting, fast-moving, and diverse field at developing new scientific methods and applications to automate complex tasks. It is the application of engineering to analyze, design and built software solutions to solve the societal problems. It offers lucrative career and an opportunity to build a better world.

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Geethanjali Institute Of Science And Technology

(ApprovedbyAICTE,NewDelhi&AffiliatedtoJNTU,Anantapur)

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING NEWS LETTER TECHIESCHRONICLE

VISION

To evolve as a leading computer science and engineering centre producing competent technocrats to meet the demands of ever-changing industry and society.

MISSION

DM1: Impart quality education through innovative teaching learning processes

DM2: Motivate the learners to upgrade technical expertise by promoting learner centric activities.

DM3: Inculcate values and interpersonal skills in the learners towards overall development.

DM4: Upgrade knowledge in cutting edge technologies keeping pace with industrial standards through collaborations.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1: Apply the expertise in adaptive algorithms to develop quality software applications.

PSO 2: Demonstrate the capabilities in basic and advanced technologies towards getting employed or to become an entrepreneur

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

Graduates of B. Tech in Computer Science and Engineering program shall able to

PEO1: Outperform in professional career or higher learning by upgradingskills in Computer Science and Engineering stream.

PEO2: Provide computing solutions for complex problems to meetindustry demands and societal needs.

PEO3: Offer ethical, socially sensitive solutions as professionals and asentrepreneurs in Computer Science and other engineering disciplines.

PEO4: Leverage new computing technologies by engaging in perpetual learning.

DEPARTMENT EVENTS

Name of the event: Workshop on "AWS Cloud Computing"

Report on A Six-Day Workshop on "AWS Cloud Computing"

A Six day workshop on 'AWS Cloud Computing' has been going on for II B. Tech CSE section students. This is being conducted by the joint auspices of department of Computer Science & Engineering and Andhra Pradesh State Skill Development Corporation (APSSDC) from 25-09-2023 to 30-09-2023. Total 71 participants registered for the workshop. The workshop is organizing with the objective of promoting the awareness and skills among the II-B.Tech CSE C section students about concepts of AWS cloud computing.

Workshop Coordinators:-

- 1. N.Sivanagamani, Asst.Professor, CSE
- 2. DVH Venukumar, Assistant Professor, CSE

Workshop Conveners:-

- 1. Dr.R.Rajani, HoD, CSE
- 2. Dr. P. Chakrapaani, HoD, IICC

Workshop Trainers:-

1. Mr. Ch. Gopi Raju



| Day | Date | FN (Topic Name) | AN (Topic Name) |
|-------|----------|--|--|
| Day 1 | 25/09/23 | Basics of Cloud Computing | Features, Need and Importance of AWS, Cloud Computing Models |
| Day 2 | 26/09/23 | Discuss about Networks, Storage, Protocols | Introduction to VPC& Servers |
| Day 3 | 27/09/23 | Creating our own VPC | Create internet gate ways & Instances |
| Day 4 | 28/09/23 | Introduction to ELB& Creation of ELB (Elastic Load Balancer) | Introduction to S3 & Creation of S3 |
| Day 5 | 29/09/23 | Discuss about Buckets & EBS (Elastic Block Store) | Discuss about Database and its types |
| Day 6 | 30/09/23 | Resources of AWS & Developers on AWS | Data Lake, Container, Cloud Security |

Glimpse of AWS Cloud Computing











End of the Day -6 Workshop Photo session

అవగాహన సదస్సులను విద్యార్థులు సద్వినియోగం చేసుకోవాలి



కోవారు, సెప్టెంబరు 30 బ్రహతావార్త : విద్యార్థుల్లో దాగి ఉన్న నైపుణ్యాలను వెలికి తీసేందుకు కళాశాలలో నిర్వ హిస్తున్న అవగాహన సదస్సులను ఇంజనీరింగ్ విద్యార్థులు పూర్తిస్థాయిలో సద్వినియోగం చేసుకోవాలని కళాశాల [ఫిన్సి పాల్ దాక్టర్ కె. సందీప్ కుమార్ అన్నారు. కోవూరు మండలం గంగవరం గ్రామంలోని గీతాంజలి ఇంజనీరింగ్ కళాశాలలో ఆంధ్రప్రదేశ్ నైపుణ్యాభివృద్ధి సంస్థ సీఎస్ఈ విభాగం సం యొక్త ఆధ్వర్యంలో నిర్వహిస్తున్న శిక్షణా శిబిరాలు శనివారం ముగిశాయి. ఈ సందర్భంగా ఆయన మా ట్లాడుతూ ఇంజనీరింగ్లో వస్తున్న నూతన సాంకేతిక పద్ధతులు, మార్పులపై విద్యార్థులు మరింత అవ గాహన చేసుకోవాలన్నారు. ఇటువంటి సదస్సులను విద్యార్థుల కొరకు తమ కళాశాలలో తరచుగా నిర్వ హిస్తూనే ఉన్నామన్నారు. సీఎస్ఈ విభాగాధిపతి వి. గాయతి, ఐఐసీసీ విభాగాధిపతి డాక్టర్ చంక్రపాణి, సమన్వయకర్త ఎస్. శివ నాగమణి, డీబీహెచ్ వేణుకుమార్, అధ్యాపకులు, విద్యార్థులు ఉన్నారు.

Name of the event: Workshop on "AWS Cloud Computing"

Report on A Six-Day Workshop on "AWS Cloud Computing"

Six day workshop on '**AWS Cloud Computing**' has been going on for II B. Tech CSE A section students. This is being conducted by the joint auspices of department of Computer Science & Engineering and Andhra Pradesh State Skill Development Corporation (APSSDC) from 04-09-2023 to 09-09-2023. Total 71 participants registered for the workshop.

The workshop is organizing with the objective of promoting the awareness and skills among the II-B. Tech CSE A section students about concepts of AWS cloud computing.

Workshop Coordinators:-

1. N. Sreenivasulu, Assistant Professor, CSE

Workshop Conveners:-

- 1. Dr.R.Rajani, HoD, CSE
- 2. Dr. P. Chakrapaani, HoD, IICC

Workshop Trainers:-

1. Mr. Ch. Gopi Raju





Explanation about Cloud computing concepts



Explanation about AWS concepts



End of the Day -6 Workshop Photo session

Department Achievements

- ➤ Awarded Gold category by AICTE CII Ranking in 2016-17 & 2017-18.
- Awarded Gold Medal by QCFI (Quality Circle Forum of India).
- ➤ The Department has 36 well qualified faculty members with 9 Doctorates and 4 Pursuing Ph.D.
- ➤ Active student chapters ACM, ISTE, CSI.
- ➤ Department is associated with Google Developer Student Club and got Tier-1 level, around 120 students got Google goodies under AWS cloud computing.

Faculty Achievements

- Dr. R. Rajani received "Best Teacher Award" from Bharat Education Excellence award by Brain 'O' Vision, Hyderabad.
- Dr . V . Gayatri awarded as "NPTEL Discipline Star" by Swayam-NPTEL during Academic Year 2023-24.
- Dr . V. Gayatri secured Gold Medal in SWAYAM NPTEL Course "The Joy of Computing using Python", IIT Madras, October, 2023.
- Under the guidance of Dr. Sundeep Kumar K, 4 Doctorates were awarded.
- Dr. R. Rajani has been appointed as an Examiner for Ph.D Viva-Voce, Anna University, Tamilnadu.
- Dr. R. Rajani acted as an editor for a book titled "Futuristic Trends in Artificial Intelligence", IIP Publications.
- Dr. R. Rajani is a Reviewer for research articles presented in an 1st IEEE International Conference on Data Science and Network Security organized by Kalpataru Institute of Technology, Tiptur on July 28th& 29th, 2023
- Dr. Sundeep Kumar K published 11 Scopus and Dr. R. Rajani published 1 Scopus Journal publications during the academic years 2023-24 & 2022-23.
- Ms. V. Bharathi awarded for her outstanding performance in JAVA trained by Virtusa Technology Orientation for Faculty (VTOF).
- 16 faculty published their journals in UGC/Scopus.

Students Achievements

- Ms. Bommana Sandhya(192U1A0517) honoured with Gold Medal from JNTU Anantapuram in her Academics.
- Ms. T. Nikhila Sree and Ms. R. Sravani got the highest package of 12 LPA & 11 LPA in AIRBUS.
- Mr. K. Jermaih Shobith got Gold Medal in Pencak Silat Game at National Level.
- Ms. CH. Kovidha appreciated with the best student participant by IGNITE 6.0 held at AIC-SKU, Anantapuram
- 212U5A0512 VULLI JOEL Participated in Paper presentation on 3D printing by JNTUA college of engineering pulivendula and got participation certificate on 22-7-2023.
- 212U1A05A7 TALARI YASWANTH Participated in Poster Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0596 PAMUJULA BALAJI Participated in Poster Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A05A0 SHAIK SANABANU Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A05A1 SHAIK SOFIA Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A05A2 SHAIK SOOFIA TARANNUM Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A05A3 SHAIK TAJU Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0599 SHAIK ROSHNI Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0548 KONDREDDY SIREESHA in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0549 KOPPOLU JESWANTH in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0550 KOVURU BHAVANA SUDHA in Technical Quiz organized by Narayana
- Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 212U1A0552 LAKKU BHANU HARI PRAKASH Participated in Technical Quiz organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A05C4 VANAMALA SANDEEP Participated in Paper Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0593 SEELA VISHNU Participated in Paper Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0581 P.SAI TEJA Participated in Poster Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0578 PALLA HARITHA Participated in Poster Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023
- 222U1A0565 MYLU LAKSHMI PRIYA Participated in Poster Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.

- 222U1A0548 P SRIKANTH Participated in Paper Presentation organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0557 GUVVALA SAI PRIYA Participated in C Debugging organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0558 IDAMADAKA ASHRAF Participated in C Debugging organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0559 INDLA RAVI KUMAR Participated in C Debugging organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A0560 INGILELA NITHYA SRI Participated in C Debugging organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023
- 222U1A0561 IRAGANABOINA LAKSHMI SATWIKA Participated in C Debugging organized by Narayana Engineering College in Nellore, and got participation certificate on 22-7-2023.
- 222U1A05F7 SHAIK NAYEEM Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023.
- 222U1A05A7 PANDIARAJ KHUSHIMITHA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023.
- 222U1A05D3 SADDA AVINASH REDDY Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0512 BATREDDY VISHNU KOUSHIK Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C0 POTHULURU PENCHALA GANESH Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05I2 VADDEMANI SAI KARTHIKEYA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05J2 VOTTURU SRI KRISHNA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H7 THUREMERLA LAHARI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0588 MANCHIKALAPATI KYATHI SIRI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H4 THALISETTY MOHANA LAKSHMI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05E6 SHAIK ASHRAF LAKSHMI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H1 TANDALAM KOTESWARAN HARSHINI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H2 TANGISETTI MANI VENKATA SAI SANDEEP Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05F6 SHAIK MUSKAN Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05B1 PATHAKOTA AKHILA RANI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 232U5A0515 SHAIK KHAYYUM Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05G3 SIVA RAJU VENKATA SAI DHANYA SREE Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023

- 222U1A05F2 SHAIK JASMIN Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05J4 VULLAYAM GNANA PRASUNA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H5 THALLURU R V S SUCHARITHA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05G1 SHAIK SANA JUVAERIYA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05F8 SHAIK RIZWANA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05A5 PALANI POOJITHA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05H9 UNDELA PAVANI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05E3 SHAIK ABDUL BHASHA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023.
- 222U1A05G8 SYED MUJAKEER Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05E2 SEETHALAM VENKATA SANJANA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05J0 VENNELAKANTI UMA MANASWINI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05I7 VATTURU JAHNAVI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0596 MOHAMMED YOUNUS Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C2 PULIBOINA PENCHALA PHANEENDRA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0573 KONDLAPUDI OM SATHWIK REDDY Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05B0 PATAN SUHEL KHAN Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05G0 SHAIK SAMEERA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05J1 VENNAPUSA PREETHI Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05J3 VUDDANDI SATHWIC Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05E9 SHAIK IRFAN Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05G7 SYED FAZULU AHAMED Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05F0 SHAIK ISHAQ Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C3 PURAM SONA Participated in AI Prompt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023

- 222U1A05A7 PANDIARAJ KHUSHIMITHA Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C3 PURAM SONA Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0572 KONDAPALLI PALLAVI Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05B1 PATHAKOTA AKHILA RANI Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05D1 REDDYCHARLA RUSRITHA Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05D4 SAGILI YOGITHA Participated in Code hunt organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05A1 NELLORE VENKATA RAJESH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0579 KUDIMI VISHNU VARDHAN Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C6 RAJA VENKATA BARATH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05B7 POLISETTY TEJASWINI Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05A4 PABBAREDDY SAI SATHWIK REDDY Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0593 MARAM GAYATHRI Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 232U5A0504 GOUNDER MAHENDRA KUMAR Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05D9 SARAVANA KUMAR GOPINADH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05E0 SARVEPALLI SREEMANTH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05C4 PUSALA THRILOK Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0584 MADIRA KUMAR Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0581 KUNAPAREDDY SUKUMAR Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05A4 PABBAREDDY SAI SATHWIK REDDY Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0592 MANNEPALLI SAI CHANDANA Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05A6 PALAVALLI MANAS SAI Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0597 MYNAPURU HEMANTH SAI SINGH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A05D8 SANNIBOYINA SREEKANTH Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023

- 222U1A0589 MANCHIKALAPATI PRANAV Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0577 KOTA VENKATA SAI TEJA VARSHAN Participated in Technical Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 222U1A0504 ANUMALA PURUSHOTHAM Participated in Cine Quiz organized by Narayana Engineering College in Gudur, and got participation certificate on 7-11-2023
- 212U5A0512VULLI JOEL Participated in WORKSHOP organized by JNTUA College of Engineering in PULIVENDULA got participation certificate on 7-11-2023