NARASARAOPETA ENGINEERING COLLEGE
NEC (AUTONOMOUS)

Department of CSE (Data Science)
ANALYTICAL EDGE
SHARPENING MINDS WITH DATA AND DISCOVERY
JULY-2023 TO DECEMBER-2023

VOLUME-1, ISSUE-1

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ABOUT DEPARTMENT

NEC Website: https://www.nrtec.in/

VISION:

- To nurture skilled professionals in the Data Science for industry innovation and create meaningful societal impact through advanced analytics, machine learning, and impactful data-driven solutions.

MISSION:

- To develop skilled data scientists who can effectively solve challenges in data analytics through comprehensive education and practical training in statistical analysis, machine learning, data visualization, and data manipulation.
- To develop students with strong research capabilities who can revolutionize multiple fields through the application of data science.
- To develop ethical data science professionals who utilize data for the welfare of society.

PROGRAM SPECIFIC OBJECTIVES (PSOs)

PSO1: Apply Data Science Techniques, statistical analysis, machine learning algorithms, data visualization, and data manipulation effectively to solve complex data problems.

PSO2: Demonstrate proficiency in conducting data collection, preprocessing, analysis, and interpretation, contributing to the advancement of the field.

PSO3: Able to independently carry out research and investigation to solve societal problems.

PROGRAM EDUCATIONAL OBJECTIVES (PEOs)

PEO1: Graduates be proficient in applying advanced analytics techniques to solve complex data challenges.

PEO2: Graduates contribute to the advancement of the field through the development of innovative methodologies, algorithms, and models.

PEO3: Graduates utilize data science principles to create meaningful societal impact. They will prioritize ethical considerations in data usage and develop solutions that address societal challenges, and benefit individuals and communities.

STUDENT STRENGTH PARTICULARS

- 2022 Batch (Regular) - 58
- 2023 Batch (Lateral Entry) - 3

FACULTY FOCUS

INTERNATIONAL JOURNALS:

- Dr.V.V.A.S.Lakshmi, Dr.R.Satya, D.Murali Krishna Reddy, "An energy efficient master auditor node with trust based secure routing in wireless sensor networks", International Journal of Intelligent Systems and Applications in Engineering (IJISAE), ISSN 2147-6799, July 2023.

KNOW WHAT SPARKS THE LIGHT IN YOU.THEN USE THAT LIGHT TO ILLUMINATE THE WORLD.

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FDPS ATTENDED:

- One week ATAL Faculty Development Program on "Full Stack Web Development with MS Azure Cloud" under TechSaksham in collaboration with Microsoft, SAP & AICTE during 4th – 9th , September, 2023.
- One week National Level Faculty Development Program on Cloud Infrastructure (AWS) Organized by Brainovision Solutions India (P) Ltd. in collaboration with AICTE during 21st – 25th , August, 2023.

FACULTY ACHIEVEMENT:

- The following has successfully completed One week National Level Faculty Development Program on Cloud Infrastructure Dr.VVAS Lakshmi
- The following faculty attend for One week National Level Faculty Development Program on Cloud Infrastructure (AWS) Organized by Brainovision Solutions India (P) Ltd. in collaboration with AICTE during 21st – 25th , August, 2023.
  - A. Dr.VVAS Lakshmi
  - B. P. Srinivasa Rao

- Dr. VVAS Lakshmi has completed one week ATAL Faculty Development Program on "Full Stack Web Development with MS Azure Cloud" under Tech Saksham in collaboration with Microsoft, SAP & AICTE during 4th – 9th, September, 2023.
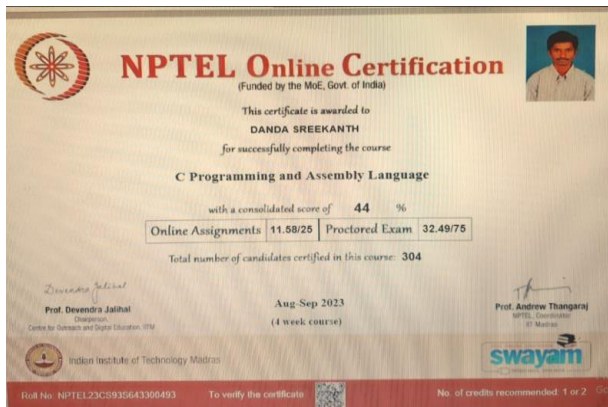

- Dr. VVAS Lakshmi has successfully completed the online certification course Python for Data Science offered by NPTEL.

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❖ Danda Sreekanth for successfully completed the online certification course C Programming and Assembly Language offered by NPTEL.

WEBINARS , WORKSHOPS / TRAININGS PROGRAMS / OTHERS CONDUCTED

ORGANIZED PROGRAMS
APSSDC

❖ The department of CSE (DS) organized A workshop on AWS CLOUD Computing in association with apssdc during 31- 07-2023 to 05-08-2023
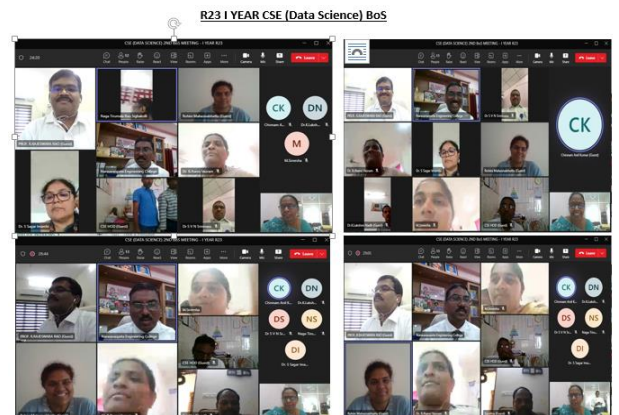
APSSDC Workshop on AWS Cloud Computing

❖ The department of CSE (DS) organized A campus recruitment program in associated with Bytex during 02-10-23 to 18-10-23 the department of CSE (DS) organized a special training program TPC and bytex. From 31-08-2023 to 02-09-2023 and an online training program during Thursday & Friday.

❖ The department of CSE (DS) conducted a BoS meeting for approval of Ist Year Syllabus of R23 regulations on 25-09-2023

R23 I YEAR CSE (Data Science) BoS

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STUDENT FOCUS
NPTEL Course Details

Student Details	Title	Course Duration	No. of Students Completed
II-I	The Joy of Computing Python	12 weeks Program	21

EXTRA CIRRCULAR ACTIVITIES
STUDENT ACHIEVEMENTS:-

❖ **Class Review Conducted was meeting on 07-09-2023**

DEPARTMENT OF CSE (DATA SCIENCE) – CRC MEETING

INFOSYS CERTIFICATION

❖ From our department 23 students have been successfully completed "Python Foundation certification program offered by Infosys"

ESSAY WRITING COMPETITION

PAINTING & PHOTOGRAPHY PHOTOS

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SIH TEAM

The Below Team From Our College to Participate in the Grand Finale of The Smart India Hackathon 2023.

TEAM NAME: APRENDIZA
TEAM ID: 34862

1. K. HARSHITHA – 22471A4425
2. T. RAMYA – 22471A4451
3. G. SHANMUKHA – 22471A4458

PAINTING IMAGES

PROTOTYPE CLUB IMAGES

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ACADEMIC TOPPERS:

❖ The following students are secured with highest marks in their respective semester results.

STUDENT'S VOICE:

As a second year student. I would like to share my experience in Narasaraopeta Engineering College. Till now I had completed two semesters & participated so many competitions in & out of the campus, to improve my skills.

Our department faculty so supportive & encourage me to participate in various programs like Technical Quiz, paper Presentations & Cultural activities to eliminate stage fear. NEC College provides Pradhan Mantri Yuva Yojana Programs for students to implement their ideas as an entrepreneurs.

22471A4436
M. Nava Durga

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