MALLAREDDY COLLEGE OF ENGINEERING

(Approved by AICTE, Permanently Affiliated to JNTUH)
Recognized under Section2(f)&12(B)of the UGC Act 1956, AnISO
9001:2015 Certified Institution.
Maisammaguda, Dhulapally, post via Kompally, Secunderabad-500100

DEPT OF CSE-DS & AI&DS

Report

A

REPORT ON

"FROM GRADITUDE TO GREATNESS" CSE-DS.

PARTICIPANTS

CSE & DS FACULTY & STUDENTS

31-12-2025

Prepared By

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CSE – DS

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VISION

Leverage Data Science expertise in emerging technologies and innovations that benefits industry and society to foster a positive impact through data- driven insights

MISSION

To Equip Students with Innovative and Cognitive Skills in the field of Data Science, while instilling Ethical values and Fostering collaboration between Industry and Academia.
To create a learning environment focused on data science and programming for problem-solving, leveraging rapid technological advancements to enhance employ ability and opportunities for higher studies.
To Nurture knowledge that addresses Societal issues through Data Science

Program Outcomes (POs)

Engineering Graduates will be able to:

PO1: Engineering Knowledge: Apply knowledge of mathematics, natural science, computing, engineering fundamentals and an engineering specialization as specified in WK1 to WK4 respectively to develop to the solution of complex engineering problems.

PO2: Problem Analysis: Identify, formulate, review research literature and analyze complex engineering problems reaching substantiated conclusions with consideration for sustainable development.
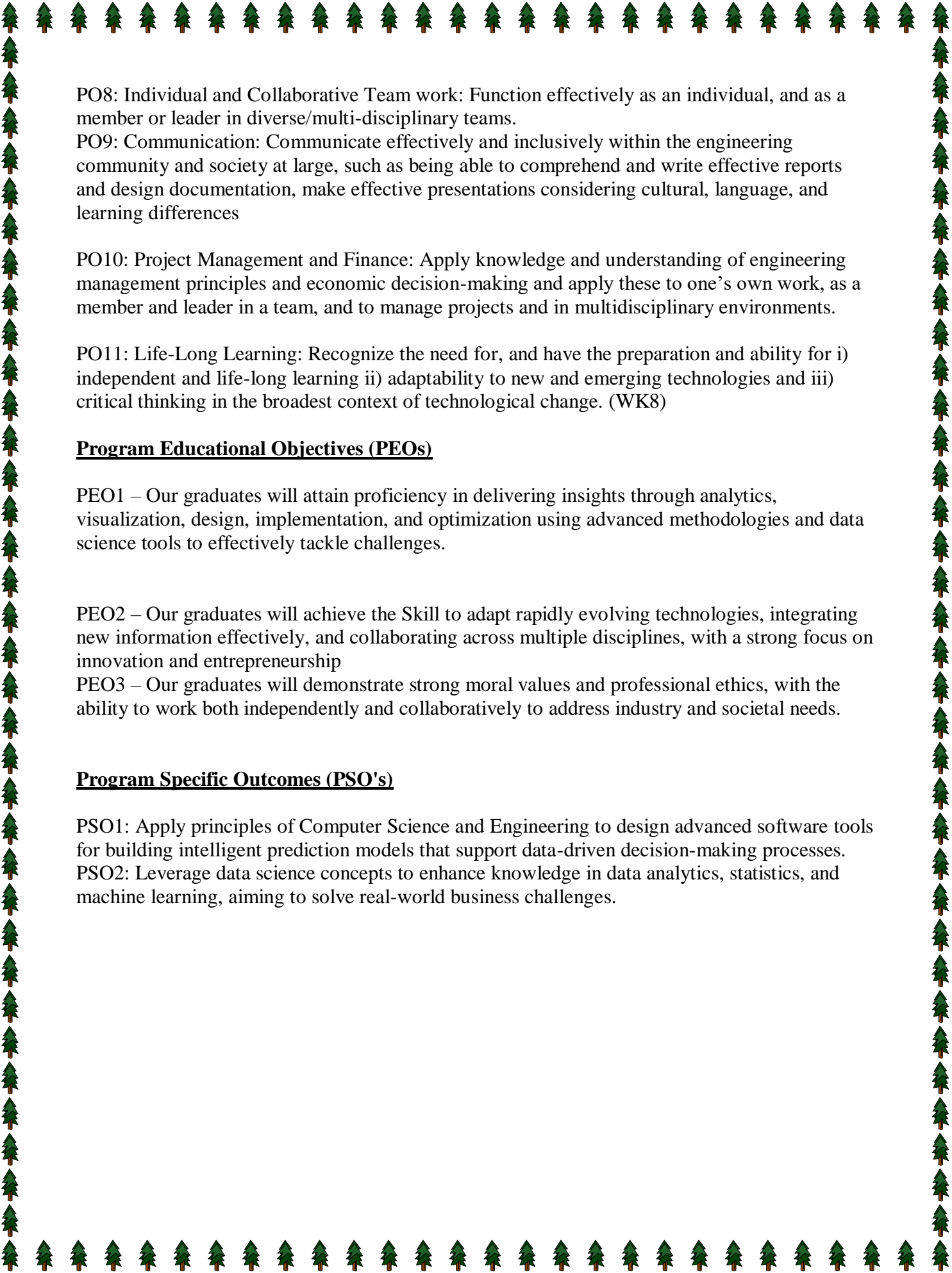
PO3: Design/Development of Solutions: Design creative solutions for complex engineering problems and design/develop systems/components/processes to meet identified needs with consideration for the public health and safety, whole-life cost, net zero carbon, culture, society and environment as required. (WK5)

PO4: Conduct Investigations of Complex Problems: Conduct investigations of complex engineering problems using research-based knowledge including design of experiments, modelling, analysis & interpretation of data to provide valid conclusions. (WK8).

PO5: Engineering Tool Usage: Create, select and apply appropriate techniques, resources and modern engineering & IT tools, including prediction and modelling recognizing their limitations to solve complex engineering problems. (WK2 and WK6)

PO6: The Engineer and The World: Analyze and evaluate societal and environmental aspects while solving complex engineering problems for its impact on sustainability with reference to economy, health, safety, legal framework, culture and environment. (WK1, WK5, and WK7).

PO7: Ethics: Apply ethical principles and commit to professional ethics, human values, diversity and inclusion; adhere to national & international laws. (WK9)

PO8: Individual and Collaborative Team work: Function effectively as an individual, and as a member or leader in diverse/multi-disciplinary teams.

PO9: Communication: Communicate effectively and inclusively within the engineering community and society at large, such as being able to comprehend and write effective reports and design documentation, make effective presentations considering cultural, language, and learning differences

PO10: Project Management and Finance: Apply knowledge and understanding of engineering management principles and economic decision-making and apply these to one's own work, as a member and leader in a team, and to manage projects and in multidisciplinary environments.

PO11: Life-Long Learning: Recognize the need for, and have the preparation and ability for i) independent and life-long learning ii) adaptability to new and emerging technologies and iii) critical thinking in the broadest context of technological change. (WK8)

Program Educational Objectives (PEOs)

PEO1 – Our graduates will attain proficiency in delivering insights through analytics, visualization, design, implementation, and optimization using advanced methodologies and data science tools to effectively tackle challenges.

PEO2 – Our graduates will achieve the Skill to adapt rapidly evolving technologies, integrating new information effectively, and collaborating across multiple disciplines, with a strong focus on innovation and entrepreneurship

PEO3 – Our graduates will demonstrate strong moral values and professional ethics, with the ability to work both independently and collaboratively to address industry and societal needs.

Program Specific Outcomes (PSO's)

PSO1: Apply principles of Computer Science and Engineering to design advanced software tools for building intelligent prediction models that support data-driven decision-making processes.

PSO2: Leverage data science concepts to enhance knowledge in data analytics, statistics, and machine learning, aiming to solve real-world business challenges.

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IN COLLABRATION WITH

MALLA REDDY COLLEGE OF ENGINEERING

DEPARTMENT OF CSE (DATA SCIENCE)

" FROM GRATITUDE TO
GREATNESS"

DEPARTMENT RESOLUTIONS 2026

31 DEC 2025

1. Holistic Role-Model Development (Be an Role Model Human Being)
To cultivate students as ethically grounded, socially responsible, and professionally competent individuals who exemplify leadership and integrity in both their academic and personal lives.

2. 100% Student Skill Certification Initiative &Internship
To achieve complete student participation in skill enhancement and certification programs by facilitating:
- Industry-recognized professional certifications like IBM skilled based training
- Structured online learning platforms with guided practice
- Industry-oriented internships and experiential learning opportunities

3. Student Startup and Entrepreneurship Promotion
To encourage, guide, and mentor students in establishing student-led startups, drawing inspiration from successful initiatives such as Datrix Loop and Shaaka, thereby fostering innovation, entrepreneurship, and self-employment culture.

4. Coders Club Inauguration
To formally inaugurate the Coders Club as a student-centric platform that promotes:
- A strong coding culture and collaborative peer learning
- Competitive programming and problem-solving skills

5. Industry Collaboration through Memorandum of Understanding
To strengthen industry–academia collaboration by establishing a Memorandum of Understanding (MoU) with Dr. Reddy's Laboratories for the delivery of an advanced Data Analytics Program, aimed at enhancing students' industry exposure, practical competencies, and employability.

6. Community Outreach and School Analytics Program
The Department resolves to establish the MRCE School Analytics Outreach Program as a community engagement initiative, mentoring neighboring government and private schools through data-centric mini projects, AI and Data Science awareness programs, and student-driven technology support activities.

Gratitude to parents, faculty and well-wishers....

PHOTOS

Principal Dr. M. Ashok sir addressing the gathering in a video conference about the event "FROM GRATITUDE TO GREATNESS"

DEANS Dr. V.Narasimha Reddy Student Affairs, Dr. M. Sandhya Rani-Academics, Dr. Sateesh Nagavarapu- EDC, HOD Dr.J.Gladson Maria Britto HOD-CSD, faculty members and students Gathered for event.

Dr. M. Sandhya Rani Madam Addressing the Gathering
addressing

Dr.J.Gladson Maria Britto HOD-CSD addressing gathering

Mr. Hanok Trinity addressing the gathering along with the dignitaries and students decorated the stage.
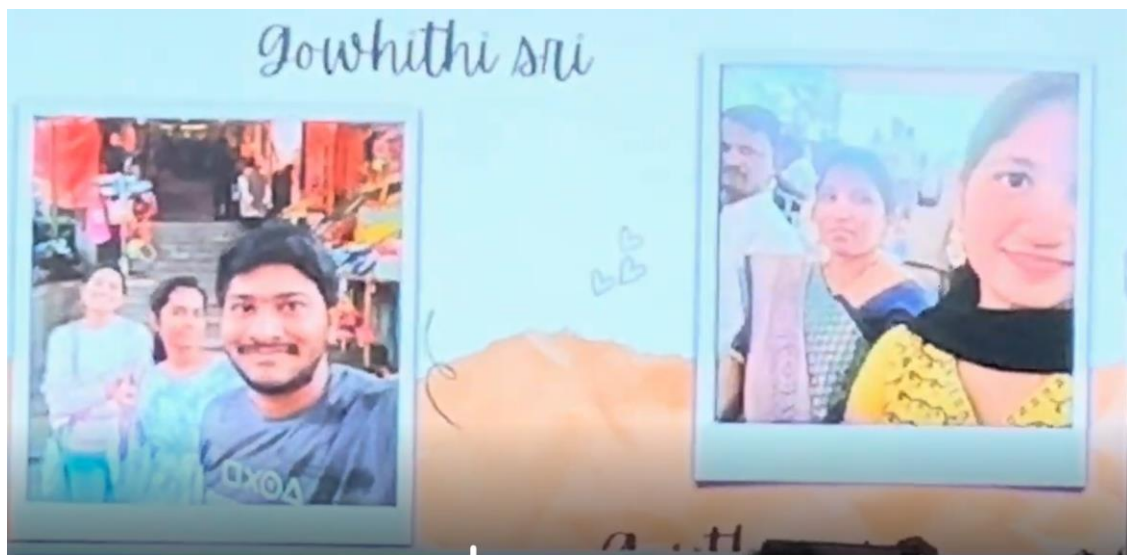
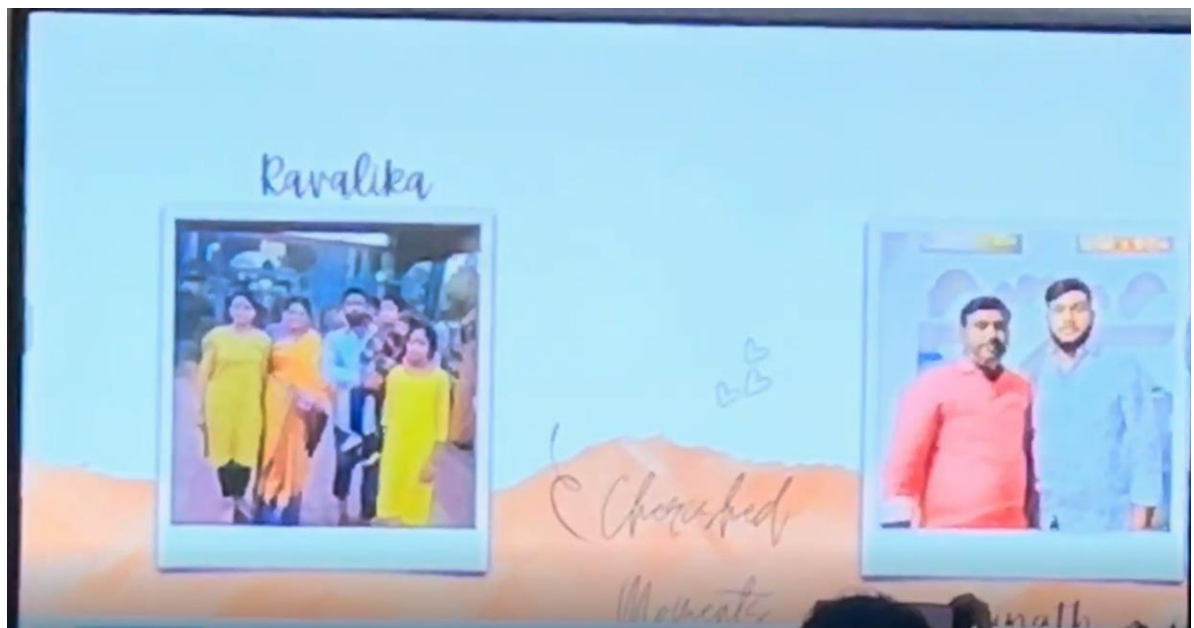ALUMNI Students addressing the gathering

ALUMNI Students addressing the gathering

Department Gratitude tree

Students of CSE-DS Department showing their gratitude towards their parents by posting photos and videos as memories

OUTCOME :

The event successfully fostered a sense of unity, cultural appreciation, and social interaction among students and faculty. The presence of dignitaries added value and motivation, while the activities promoted teamwork, responsibility, and awareness of sustainable practices such as mindful food consumption. Overall, the event created a positive and memorable experience for all participants.

PO'S AND PSO'S MAPPED:

POs Mapped to:
PO3, PO5, PO8, PO9, PO11
PSOs Mapped to:
PSO1, PSO2

SDGS MAPPED:

SDG 3, SDG 4, SDG 12, SDG 14