



**NARSIMHA REDDY
ENGINEERING COLLEGE**
An Autonomous Institution Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade

REPORT

On

National Level Project Expo – IGNITE-2K26

Held On

24th February 2026

Academic Year 2025 – 2026



your roots to success...

Organized

By

Department of Computer Science and Engineering

in collaboration

with

The R&D Cell-NRCM

NARSIMHA REDDY ENGINEERING COLLEGE

(UGC-AUTONOMOUS)

Approved by AICTE, Affiliated to JNTUH Accredited by NBA & NAAC with 'A' Grade
Maisammaguda, Kompally, Secunderabad – 500100



Event Detailed Report

National Level Project Expo – IGNITE-2K26

Report Date: 27-02-2026

1. Introduction

Narsimha Reddy Engineering College (Autonomous), Hyderabad, organized the **National Level Project Expo – IGNITE-2K26** on **24th February 2026** under the aegis of the **Department of Computer Science and Engineering**. The event aimed to provide a common platform for students from various institutions to showcase their innovative ideas, working models, and research-oriented projects.

IGNITE-2K26 was conducted with the objective of nurturing creativity, promoting interdisciplinary learning, and encouraging students to apply theoretical knowledge to real-world problems. The expo witnessed enthusiastic participation from students, faculty members, and industry experts.

2. Objectives of the Event

The key objectives of IGNITE-2K26 were:

- To encourage **innovation, creativity, and problem-solving skills** among students
- To promote **project-based learning** and hands-on experience
- To provide exposure to **emerging technologies and research trends**
- To create interaction between **students, academicians, and industry professionals**
- To motivate students toward **entrepreneurship and start-up culture**

3. Event Details

Particulars	Details
Event Name	National Level Project Expo – IGNITE-2K26
Date	24th February 2026
Venue	Narsimha Reddy Engineering College Campus
Organized By	Department of Computer Science and Engineering
Academic Year	2025–2026
Nature of Event	National Level
Mode	Offline

4. IGNITE-2K26 – Participation Details

IGNITE-2K26 witnessed enthusiastic participation from students of both Narsimha Reddy Engineering College and outside colleges across Telangana and neighboring states.

- Total Participating Colleges: 28
- Total Teams: 851
- Total Students: Approximately 4200

S.No.	College Name	Total Teams
1	Narasimha Reddy Engineering College	750
2	Vignana Bharathi Institute of Technology	13
3	VNR Vignana Jyothi Institute of Engineering & Technology	12
4	Gokaraju Rangaraju Institute of Engineering & Technology	11
5	CMR College of Engineering and Technology	8
6	Vignan Institute of Technology and Science	7
7	Santhiram Engineering College	7
8	MLR Institute of Technology	6
9	Vardhaman College of Engineering	6
10	Gitam University	4
11	Vemu Institute of Technology	3
12	Sreenidhi Institute of Science and Technology	2
13	Institute of Aeronautical Engineering	2
14	St. Peter's Engineering College	2
15	Bhoj Reddy Engineering College for Women	2
16	Stanley College of Engineering and Technology for Women	2
17	G. Pulla Reddy Engineering College	2
18	Malla Reddy Engineering College for Women	2
19	Malla Reddy Institute of Technology and Science	1
20	Malla Reddy College of Engineering	1
21	ISL Engineering College	1



S.No.	College Name	Total Teams
22	CMR Technical Campus	1
23	Audisankara University	1
24	Annamacharya University	1
25	B V Raju College (Autonomous)	1
26	Nalla Narsimha Reddy Education Society's Group of Institutions	1
27	St. John's College of Engineering and Technology	1
28	Mahatma Gandhi Institute of Technology	1
TOTAL TEAMS		851

5. Inaugural Ceremony

The event commenced with a formal **Inaugural Ceremony** in the august presence of eminent dignitaries, management representatives, faculty members, and students. The inauguration set a positive and motivating tone for the entire program, emphasizing innovation, research, and experiential learning.

Dr. P. Ramesh Babu, Convener and HoD–CSE, NRCM, coordinated and formally invited the **Chief Guest and all distinguished Guests of Honour**, ensuring their esteemed participation and the smooth conduct of protocol arrangements for the **National Level Project Expo – IGNITE-2K26**.

Chief Guest

- **Prof. T. Kishen Kumar Reddy, Ph.D**
Vice-Chancellor, Jawaharlal Nehru Technological University Hyderabad (JNTUH).

Guests of Honor

- Shri P. Prabhakar Rao Garu – Chairman, PV Global Foundation Hyderabad.
- Smt. J. Manjula Rao Garu – Director, SMS Group Hyderabad.
- Shri Jatinder Singh Garu – Marine Engineer
- Shri J. Narasimha Reddy Garu – Chairman, NRCM
- Shri J. Trishul Reddy Garu – Secretary, NRCM
- Shri J. Trilok Reddy Garu – Treasurer, NRCM
- Dr. A. Mohan Garu – Director, NRCM
- Dr. R. Lokanadham Garu – Principal, NRCM

Special Invitees

The event was graced by senior faculty members who actively interacted with participants:

- Dr. Sandhya Nadella – Professor, Department of IT, VNRVJIET Hyderabad
- Dr. C.N Sujatha – Professor, Department of ECE, SNIST, Hyderabad
- Dr. Kadiyala Ramana, Associate Professor, AIML&DSCBIT, Hyderabad
- Dr. M. Rudra Kumar Professor – Information Technology MGIT, Hyderabad
- Dr. R. Madana Mohana Professor & HoD-CSE Stanley College of Engineering, Hyderabad
- Dr. G. Karuna Professor & HoD – CSE (AI & ML) GRIET, Hyderabad, Telangana.
- Prof. P. Gopala Krishna Professor of CSE Dean – Assessment & Accreditations GRIET, Hyderabad, Telangana
- Prof. Dr. G. Govardhan CSE-DEPT, IARE, Hyderabad

The **National Level Project Expo – IGNITE-2K26** was formally inaugurated by **Prof. T. Kishen Kumar Reddy, Ph.D., Vice-Chancellor, JNTUH, Hyderabad**. The Vice-Chancellor was accompanied by **Shri J. Narasimha Reddy Garu, Chairman, NRCM; Shri J. Trishul Reddy Garu, Secretary, NRCM; and Shri J. Trilok Reddy Garu, Treasurer, NRCM, Dr. A. Mohan Garu, Director, NRCM Dr. R. Lokanadham Garu, Principal, NRCM**, and other distinguished dignitaries, visited the exhibition stalls and interacted with the student participants.

The dignitaries closely examined the project models, appreciated the innovative ideas presented by the students, and offered valuable suggestions for further improvement. Their interaction motivated the participants and provided insightful guidance on transforming academic projects into practical and socially relevant solutions.

6. Organizing Committee

The **National Level Project Expo – IGNITE-2K26** was successfully organized under the leadership of **Dr. P. Ramesh Babu**, Convener and HoD, Department of Computer Science and Engineering, NRCM. The event was co-convenered by **Dr. P. Srilakshmi**, Co-Convener and HoD, Department of Cyber Security, NRCM. The overall coordination and execution of the event were efficiently managed by **Dr. P. Dileep Kumar Reddy**, Organizing Secretary and Dean-R&D, NRCM.

The event was coordinated by **Prof. N. Sai Kiranmai**, Coordinator and HoD-FME, NRCM; **Prof. Malla Sowmya**, Coordinator and HoD-Information Technology, NRCM; and **Prof. D. Srinivas**, Coordinator and Dean-ICT, NRCM. Under their collective guidance and meticulous planning, the expo provided a dynamic and interactive platform for students to showcase their innovative projects, gain hands-on experience, and interact with academicians and experts, thereby fostering creativity, research orientation, and community engagement.

7. Participation and Project Exhibition

Students from various engineering colleges presented **innovative working models and prototypes** in domains such as:

- Artificial Intelligence & Machine Learning
- Internet of Things (IoT)
- Smart Automation Systems
- Renewable Energy Systems
- Electric Vehicles & Wireless Charging
- Cyber Security and Data Analytics
- Embedded Systems and Robotics

Each project was evaluated based on **innovation, originality, technical implementation, societal relevance, and presentation skills.**

8. Evaluation and Judging

The projects were evaluated by **internal and external judges**, including academicians and industry experts. The evaluation process was transparent and objective, ensuring fair assessment of all participants.

Prizes were awarded to outstanding projects, motivating students to pursue further research and innovation.

9. Student Learning Outcomes

Through participation in the **National Level Project Expo – IGNITE-2K26**, students achieved the following learning outcomes:

- Enhanced **technical competency and practical engineering knowledge** through hands-on project development and demonstrations.
- Improved **communication and presentation skills** by explaining project concepts to evaluators, peers, and industry experts.
- Gained **exposure to real-world engineering challenges**, encouraging application-oriented and problem-solving approaches.
- Developed **teamwork, leadership, and collaborative skills** by working effectively in multidisciplinary project teams.
- Understood the importance of **research, innovation, and entrepreneurship**, fostering a mindset for lifelong learning and startup culture.

10. Alignment with NAAC & NBA

NAAC Mapping

The National Level Project Expo – IGNITE-2K26 aligns effectively with the following NAAC criteria:

- **Criterion 3 : Research, Innovations and Extensions:**

The event promoted innovation, research aptitude, and project-based learning by encouraging students to develop and demonstrate working models and research-oriented projects.

- **Criterion 5 : Student Support and Progression:**

IGNITE-2K26 enhanced student participation, skill development, experiential learning, teamwork, and communication abilities through active involvement in project exhibitions and technical interactions.

NBA Mapping

IGNITE-2K26 strongly supports Outcome-Based Education (OBE) and contributes to the attainment of the following **Program Outcomes (POs)**:

- **PO1 – Engineering Knowledge:** Application of fundamental engineering principles in project development.
- **PO2 – Problem Analysis:** Identification and analysis of real-world technical problems.
- **PO3 – Design/Development of Solutions:** Design and implementation of innovative and feasible engineering solutions.
- **PO9 – Individual and Team Work:** Effective collaboration and role distribution within project teams.
- **PO10 – Communication Skills:** Presentation of ideas, technical explanations, and interaction with evaluators.
- **PO12 – Life-long Learning:** Encouragement of continuous learning, research orientation, and self-development.

11. Sustainable Development Goals (SDG) Mapping – IGNITE–2K26

The **National Level Project Expo – IGNITE–2K26** aligns with the United Nations Sustainable Development Goals (SDGs) by promoting innovation, research, sustainability, and inclusive growth through student-driven projects and interdisciplinary learning.

Primary SDGs Addressed

SDG 4 – Quality Education

- Promotes **experiential learning, project-based education, and innovation-driven learning.**
- Enhances technical, analytical, and communication skills among students.
- Encourages lifelong learning and outcome-based education (OBE).

SDG 9 – Industry, Innovation and Infrastructure

- Encourages development of **innovative engineering solutions** and working prototypes.
- Supports research, technology development, and entrepreneurship.
- Strengthens academia–industry collaboration through applied projects.

SDG 11 – Sustainable Cities and Communities

- Projects addressing **smart cities, transportation, waste management, safety, and infrastructure.**
- Focus on improving urban living through technology-driven solutions.

SDG 7 – Affordable and Clean Energy

- Promotion of projects related to **renewable energy, EVs, smart grids, and energy efficiency.**
- Encourages sustainable energy solutions and clean technology adoption.

SDG 8 – Decent Work and Economic Growth

- Develops **employability skills, teamwork, leadership, and entrepreneurial mindset.**
- Encourages startup ideas and innovation-led economic growth.

SDG 12 – Responsible Consumption and Production

- Projects focusing on **waste management, energy optimization, and resource efficiency.**
- Promotes sustainable production and responsible use of resources.

Outcome of SDG Alignment

Through IGNITE–2K26, students gained awareness of **global sustainability challenges** and applied engineering knowledge to propose solutions aligned with SDGs. The event reinforced the institution's commitment to **sustainable development, innovation, and societal impact.**

12. Award Presentation

The award presentation ceremony was held at the **Sugunavathi Amphitheatre** in the august presence of the **Chief Guest, Guests of Honour, management representatives, faculty members, and students**. The awards were presented to the winning teams in recognition of their **dedication, creativity, innovation, and technical competence**.

The awardees were congratulated and encouraged to continue their pursuit of **research, innovation, and entrepreneurship**, thereby reinforcing the objectives and vision of the **National Level Project Expo – IGNITE-2K26**.

13. Feedback and Outcome

The event received **overwhelmingly positive feedback** from participants, faculty members, evaluators, and invited guests. Students expressed that **IGNITE-2K26** provided an excellent platform to showcase their technical capabilities, creativity, and innovation. The expo enhanced students' confidence in project development, presentation skills, and professional interaction, while also exposing them to real-time evaluation and expert feedback.

14. Conclusion

The **National Level Project Expo – IGNITE-2K26** was successfully conducted and achieved all its intended objectives. The event significantly contributed to fostering an innovative, research-oriented, and outcome-based learning culture among students. The enthusiastic participation and unwavering support from the management, faculty coordinators, students, and invited dignitaries made the event a grand academic success, reinforcing the institution's commitment to excellence in technical education and innovation.

15. EVENT PHOTOGRAPHS

Photographic Evidence of IGNITE-2K26

Photo 1: Inaugural Ceremony of National Level Project Expo – IGNITE-2K26



Photo 2: Chief Guest Prof. T. Kishen Kumar Reddy, Ph.D., Vice Chancellor, JNTUH, addressing the gathering



Photo 3: Lighting of the Lamp by Management, Principal, and Dignitaries

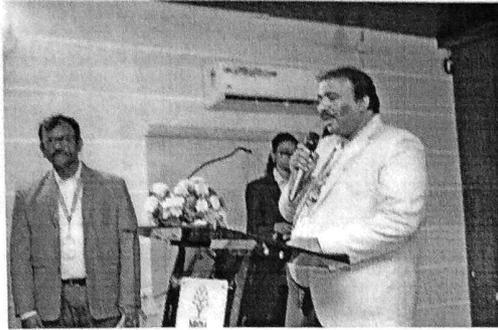


Photo 4: Presence of Guests of Honor and Special Invitees on the dais

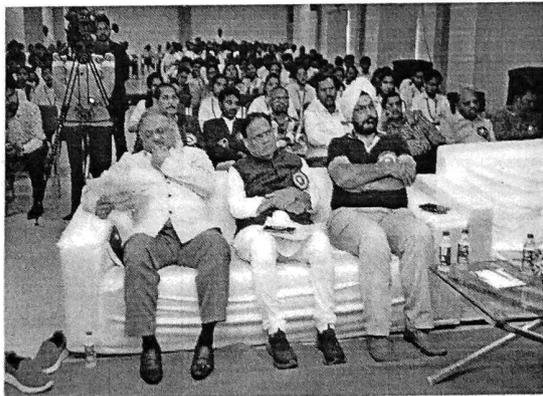


Photo 5: Students explaining project models to judges and visitors

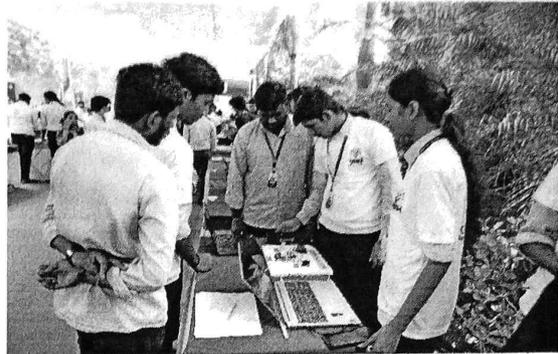


Photo 6: Evaluation of projects by external and internal judges

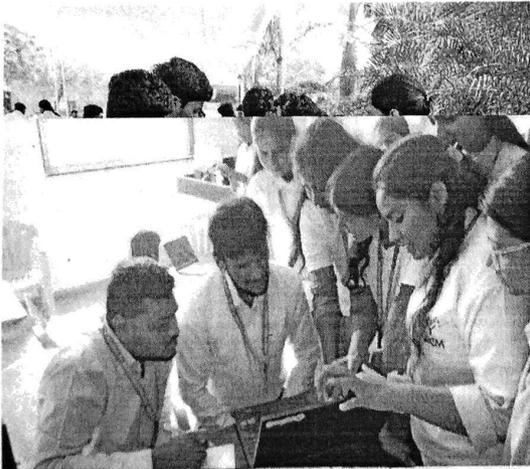
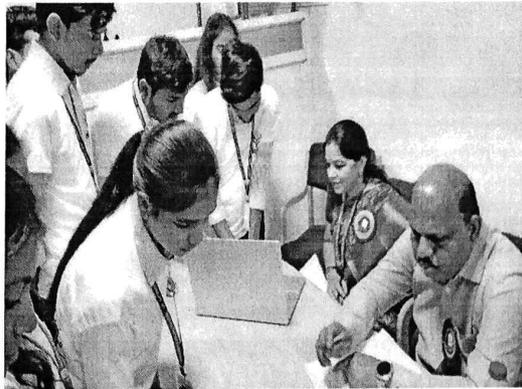


Photo 7: Exhibition of innovative working models by participating students

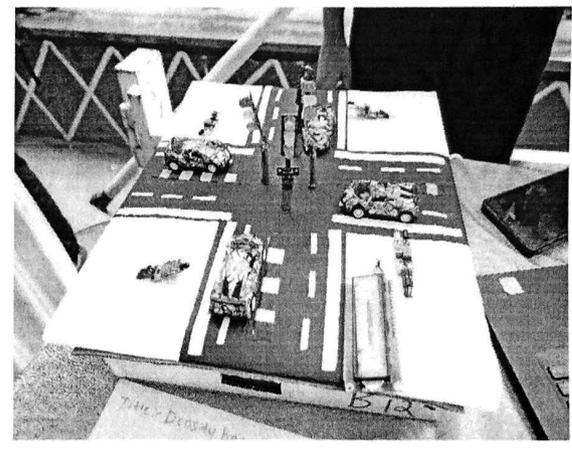
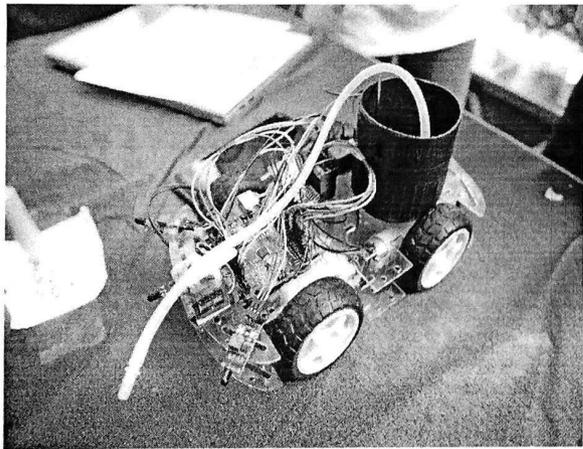
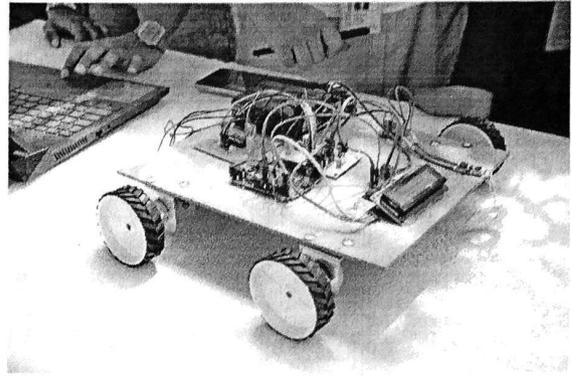
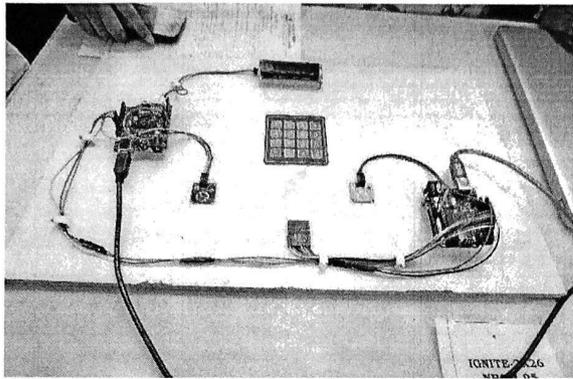
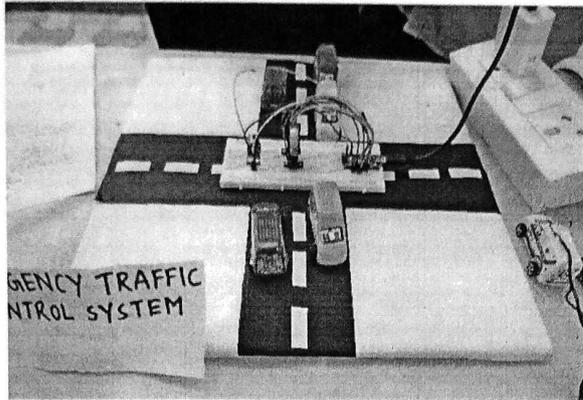
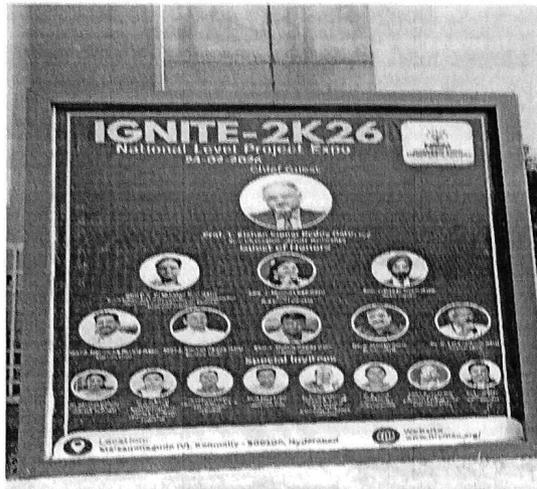


Photo 8: Interaction of dignitaries with student participants



Photo 10: Some Glimpse of IGNITE-2K26





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17. Digital Media Coverage – YouTube

YouTube coverage showcasing key moments of IGNITE-2K26 National Level Project Expo at Narsimha Reddy Engineering College (Autonomous).

[Ignite 2K26 National Science Exhibition at Maisammaguda Narasimha Reddy Engineering College | net...](#)



Convener

Organizing Secretary

Principal

PRINCIPAL

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Survey No: 518, Maisammaguda (V), Dulapally (P),
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