

TECHNICAL PROJECT EXPO

Andhra Teck League:

Teck Team Solutions, established in 2014 in Visakhapatnam, Andhra Pradesh, is a renowned training and product development firm specializing in Industry 4.0 technologies. Over the years, we have made significant contributions to the field of technical education and development. Our commitment to innovation and growth has led us to organize various successful events in the past.

In 2016, 2017, and 2018, we organized a highly acclaimed technical event called **Mechatronics**, which provided a platform for students to showcase their skills and knowledge in the field of various technologies. Building on our previous successes, in 2023, we are thrilled to introduce the upgraded version of our event, known as **Andhra Teck League (ATL)**. The ATL event is specifically designed for students, aiming to inspire, educate, and nurture their interest in emerging technologies.

Competition Overview:

The Technical Project Expo Competition invites individuals and teams to present their technical projects across a wide range of fields, including but not limited to engineering, computer science, electronics, and environmental science. Participants will have the opportunity to showcase their innovative solutions, share their research findings, and network with like-minded individuals.

Problem Statements:

1. Electronics & Robotics:

- Problem Statement: Design an electronic device, robotic solution, or automation system that improves efficiency, safety, or convenience in a specific application. Your project should showcase creativity and functionality.

2. Computer Science & IT:

- Problem Statement: Create a software application, algorithm, or system that solves a relevant problem or enhances a process. Your project should exhibit technical excellence and usability.

3. Environmental & Sustainable Solutions:

- Problem Statement: Develop a project that addresses environmental challenges, promotes sustainability, or contributes to conservation efforts. Your project should demonstrate a positive impact on the environment.

4. Research & Innovation:

- Problem Statement: Conduct original research in a specific field and present innovative findings or solutions. Your project should contribute new knowledge or insights to the chosen area of study.

5. Renewable Energy & Power Systems:

- Problem Statement: Design a project related to renewable energy sources or power systems that enhances energy efficiency, reduces environmental impact, or addresses energy access challenges.

6. Artificial Intelligence & Machine Learning:

- Problem Statement: Develop an AI or machine learning solution that addresses a real-world problem, such as predictive analytics, natural language processing, or computer vision. Your project should demonstrate the power of AI technologies.

Event Details:

- **Type of Challenge:** Presentation and Exhibition
- **Eligibility:** Open to all engineering students
- **Levels of Competition:** Single-level
- **Registrations close on 17th-SEP-2023 / Final qualifier results will be out on 20th-SEP-2023.**
- **Event Date:** 1st - OCT- 2023 (9:00 AM to 3:00 PM).
- **Venue:** ā hub (Andhra University Incubation Hub Center), North Campus, Andhra University, Visakhapatnam, Andhra Pradesh 530003.

(<https://goo.gl/maps/j5BRS5fAVymbdGBo8>)

Competition Description:

- 1. Project Presentations:** Participants are required to prepare detailed presentations about their projects, highlighting the problem statements, methodologies, findings, and outcomes.
- 2. Exhibition:** Projects will be displayed in an exhibition-style format where attendees, judges, and guests can interact with participants and explore their projects up close.
- 3. Judges' Evaluation:** A panel of expert judges will evaluate the projects based on innovation, technical excellence, practicality, and presentation quality.
- 4. Networking Opportunities:** Participants will have the chance to connect with industry professionals, academics, and fellow participants to exchange ideas and insights.

Participation Eligibility:

- 1. Team Size:** Teams can consist of **3 members**, with no exceptions.
- 2. Registration:** Initial registration is mandatory to participate in the event.
- 3. Institutional Affiliation:** Participants should belong to educational institutions or be individual enthusiasts.
- 4. Official ID Cards:** All participants should possess official ID cards from their respective institutions.

Judging / Selection Criteria:

- 1. Project Innovation:** Uniqueness and creativity of the project.
- 2. Technical Excellence:** Quality of technical implementation and methodology.
- 3. Practicality:** Real-world applicability and feasibility.
- 4. Presentation Skills:** Clarity, effectiveness, and engagement during the presentation.

****Note:**** The competition coordinators reserve the right to modify the rules and regulations if necessary. Organizers also reserve the right to disqualify any entry that violates the rules or disrupts the competition.

Contact Us:

andhrateckleague@gmail.com

+91 7799911213 / +91 9885991430