



ARYA College of Engineering (ACE)

Previously Known as Arya Institute of Engineering & Technology (AIET)

(Affiliated to RTU
Approved by AICTE, New Delhi)

• SP-40, RIICO Industrial Area, Delhi Road,
Kukas, Jaipur-302028 | Tel. Ph. 0141-2820700

• www.aryainstitutejpr.com
• Toll Free: 1800 102 1044

POLICY DOCUMENT

INNOVATIVE PRACTICES

Objective:

The primary objective of implementing innovative practices in Arya College of Engineering (ACE) is to foster a dynamic learning environment that nurtures creativity, critical thinking, and problem-solving skills among students. These practices aim to prepare students for the rapidly evolving demands of the engineering profession and equip them with the tools and mindset needed to tackle complex challenges in the real world. By embracing innovative approaches, Arya College of Engineering (ACE) seek to cultivate a culture of excellence, innovation, and entrepreneurship, empowering students to become visionary leaders and change-makers in their respective fields.

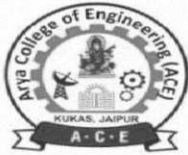
Following measures taken by ACE are not only enhance students' technical skills but also equip them with the mindset and capabilities needed to thrive in a rapidly evolving world and make meaningful contributions to society through engineering innovation.

Measures Taken:

Project-Based Learning (PBL): ACE integrate project-based learning into their curriculum to provide students with hands-on experience in solving real-world engineering problems. Through PBL, students work on multidisciplinary projects that require them to apply theoretical knowledge to practical scenarios. Faculty members facilitate the learning process by guiding students through project development stages, fostering teamwork, critical thinking, and problem-solving skills.

Interdisciplinary Collaboration: ACE encourage interdisciplinary collaboration by creating opportunities for students to work across different engineering disciplines and collaborate with experts from other fields. This approach fosters a holistic understanding of complex engineering challenges and promotes innovative solutions that leverage diverse perspectives. Collaborative projects, joint research initiatives, and cross-disciplinary courses facilitate knowledge exchange and skill development, preparing students for interdisciplinary work environments and promoting innovation at the intersection of multiple disciplines.


IQAC COORDINATOR
ARYA COLLEGE OF ENGINEERING
SP-40, Industrial Area (RIICO) Delhi Road,
Kukas, Jaipur-302038 (Raj.)



ARYA College of Engineering (ACE)

Previously Known as Arya Institute of Engineering & Technology (AIET)

(Affiliated to RTU
Approved by AICTE, New Delhi)

• SP-40, RIICO Industrial Area, Delhi Road,
Kukas, Jaipur-302028 | Tel. Ph. 0141-2820700

• www.aryainstitutejpr.com
• Toll Free: 1800 102 1044

Innovation Labs: To promote hands-on experimentation and innovation, ACE establish innovation labs such as; Artificial Intelligence & Robotics (AIR), Electric-Vehicle Manufacturing Unit, Material Testing Lab & PCB Manufacturing Lab, equipped with state-of-the-art tools and technologies. These facilities provide students with a conducive environment to prototype, test, and refine their ideas, fostering creativity and practical skills development. Workshops, training sessions, and mentorship programs support students in leveraging lab resources effectively and turning their ideas into tangible innovations.

Industry Partnerships and Internships: ACE forge partnerships with industry organizations to provide students with practical exposure to real-world engineering challenges and industry best practices. Collaborative projects & internships to allow students to gain hands-on experience, develop industry-relevant skills, and build professional networks.

Entrepreneurship and Innovation Courses: Recognizing the importance of entrepreneurial skills in today's economy, ACE offer courses and programs focused on innovation, creativity, and entrepreneurship. In the view of this ACE has Entrepreneurship development Cell (EDC). These courses equip students with the knowledge and skills needed to identify market opportunities, develop innovative solutions, and launch successful ventures. Hands-on projects and interactions with industry practitioners enrich the learning experience and inspire students to pursue entrepreneurial ventures and innovation-driven careers.

IQAC COORDINATOR
ARYA COLLEGE OF ENGINEERING
SP-40, Industrial Area (RIICO) Delhi Road,
Kukas, Jaipur-302038 (Raj.)