ARYA Institute of Engg. & Technology (AIET)
(Affiliated to RTU | Approved by AICTE, New Delhi)
SP-40, RIICO Industrial Area, RIICO-Kukas, Jaipur-302028
Ph. 0141-2820700, 5148801
www.aryainstitutejpr.com
Toll Free: 1800 102 1044

6.2.1 The institutional Strategic/ perspective plan is effectively deployed

In view of the strategic plans, the institute has perspective plan of advancement. This arrangement is made according to the necessities of the students and so as to oblige the requirements of the institute and the society.

Following Major areas are covered in the plan as mentioned below:

1. Academics
2. Co-curricular activities
3. Administration
4. Research
5. Hostel/Infrastructure
6. Industry interface placement activity
7. Incubation / startup
8. Social Responsibility
9. Feedback from stakeholders
10. Financial planning and support

1. Academics

Arya Institute of Engineering and Technology (AIET) is an affiliated institute from Rajasthan Technical University (RTU), Kota and it receive curriculum to be caught to students as provided by the RTU, Kota. The curriculum provided by the university needs a focus on various issues viz:

1) Technical knowledge with respect to core discipline
2) Acceptance of Stakeholder (Students) at global level
3) Use of Cutting-edge technologies etc.
4) Development of knowledge to cater the need of economy, society country as a whole to contribute the development of the nation.

Courses are defined by their course outcomes and based on the target of achievement CO's are evaluated for each and every individual student to know the status of their learning levels. The other activity of co-curriculum activity, participating and experimental learning placement and feedback mapped with the program outcomes PO's and program specific

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outcomes PSO's are calculated and compared with the pre defined set values to find out the gaps step are taken to bridge the gaps.

List of Program Outcomes	
PO-1	**Engineering Knowledge**: Apply knowledge of mathematics and science, with fundamentals of Computer Science & Engineering to be able to solve complex engineering problems related to CSE.
PO-2	**Problem Analysis**: Identify, Formulate, review research literature and analyze complex engineering problems related to CSE and reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences.
PO-3	**Design/Development of solutions**: Design solutions for complex engineering problems related to CSE and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety and the cultural societal and environmental considerations.
PO-4	**Conduct Investigations of Complex problems**: Use research–based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.
PO-5	**Modern Tool Usage**: Create, Select and apply appropriate techniques, resources and modern engineering and IT tools including prediction and modeling to computer science related complex engineering activities with an understanding of the limitations.
PO-6	**The Engineer and Society**: Apply Reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the CSE professional engineering practice.
PO-7	**Environment and Sustainability:** Understand the impact of the CSE professional engineering solutions in societal and environmental contexts and demonstrate the knowledge of, and need for sustainable development.
PO-8	**Ethics**: Apply Ethical Principles and commit to professional ethics and responsibilities and norms of the engineering practice.
PO-9	**Individual and Team Work**: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary Settings.

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PO-10	**Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large such as able to comprehend and with write effective reports and design documentation, make effective presentations and give and receive clear instructions.
PO-11	**Project Management and Finance**: Demonstrate knowledge and understanding of the engineering management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multi disciplinary environments.
PO-12	**Life-Long Learning**: Recognize the need for and have the preparation and ability to engage in independent and life-long learning the broadest context of technological change.

2. Co-curricular activities

Broadly speaking co-curricular activities are those activities which are organized outside the classroom situation. These have indirect reference to actual instructional work that goes on in the classroom. Although no provision has been made for these activities in the syllabus but provision has been made for these in the curriculum.
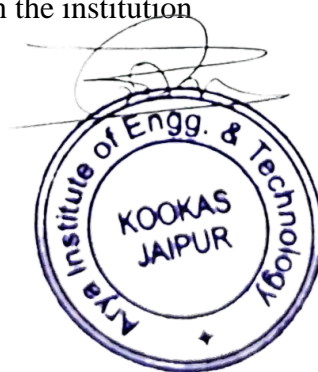
As the modem educational theory and practice gives top most priority on all round development of the child there is the vitality of the organisation of these activities, in the present educational situation. So, for bringing harmonious and balanced development of the child in addition to the syllabus which can be supplemented through curricular activities, but the CO- curricular activities play significant role. These activities are otherwise called as extra-curricular activities.

It is therefore said that the co-curricular or extra-curricular activities are to be given importance like the curricular activities. So now organisation of co-curricular activities is accepted as an integral part of the entire curriculum.

Can follow this link for more information regarding co-curricular activities in the institution

(https://www.aryainstitutejpr.com/arya-shradhanjali.php)

(https://www.aryainstitutejpr.com/arya-sports-meet.php)

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2.1 Types of Co-Curricular Activities:

Co-curricular activities are categorized in the following heads:

- **Physical Development Activities:**

  These activities include games, sports, athletics and yoga.

- **Cultural Development Activities:**

  The activities like music, dancing, dramatics, folk song, fancy dress, variety show, community activities, exhibition, celebration of festivals comes under this category.

- **Emotional and National Integration Development Activities:**

  Under this category organisation of educational tours, speech programmes, celebration of national and international days are included.

3. Administration

Supervising day-to-day operations of the administrative department and staff members. Hiring, training, and evaluating employees, taking corrective action when necessary. Developing, reviewing, and improving administrative systems, policies, and procedures.

Decentralization and participative administration of the establishment encourages the organization to move forward as well as assists the employees develop themselves by taking decisions on strategic administrative issues.

Can follow this link for more information regarding advisory board in the administration of the institution.

(https://www.aryainstitutejpr.com/advisory-board.php)

(https://www.aryainstitutejpr.com/governing-body.php)

4. Research

Teachers are provided with financial support to attend conferences/workshops and towards membership fee of professional bodies. Research facilities are available for faculties pursing their Ph.D.

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5. Hostel/ Infrastructure

The College has elegantly constructed Boys' Hostel in the campus having two, three and four seaters. Hygienically prepared nutritious food, recreation room equipped with T.V., facility of indoor games and internet, exemplary discipline with desired freedom make the hostel a home away from home. We appreciate parents' anxiety regarding a safe and secure environment for their wards. The wardens in both the hostels act as guardians for the hostellers. Ragging is given a big 'No' both at our campus and in our hostels.

Can follow this link for more information regarding hostel facilities in the institution.

(https://www.aryainstitutejpr.com/hostel-facilities.php)

6. Industry interface placement activity

Conducting a campus recruitment drive is the common procedure adopted by any engineering college in Rajasthan. This includes stages like preliminary screening, written test, and a personal interview session to check the suitability of students for any job position. For Industry Interface and Placement, Institute has a Huge and highly dedicated Team of Training & Placement Cell.

- A Strong network with Top ITS Core Sector Companies.
- Best Infrastructural facilities for smooth functioning of the recruitment Drives.
- A strong experience in hosting over 5000 Students for On Line / Off Line One day recruitment Drives.
- True hospitality, Dedicated Support 8, zeal to spread smiles all across is what makes our training & Placement Cell Unique and Niche.

Can follow this link for more information regarding industries interface facilities in the institution.

(https://www.aryainstitutejpr.com/placements.php)

(https://www.aryainstitutejpr.com/top-recruiters.php)

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7. Incubation / Startup

Arya Institute of Engineering and Technology has always known for its high commitment towards education quantity along with social and cultural enrichments. The group work in close collaboration with many industries and has emerged as the best preferred engineering college in the region. With a state of art advancement in research and development institution has come up with a world class technology for its students in the field like robotics, drones, mechatronics, etc. We have a research portfolio of around 10 million rupees, government aided projects and few patents in our list of achievements. The students are benefit from strong research orientation. They get a chance for hands on exposure to research on live projects at Arya state of art ADVANCE R&D LAB. The best of research activities on campus is provided under this lab and it now a full-fledged independent organization.

(https://www.aryainstitutejpr.com/ensuring-employability.php)

Career Guidance Cell (CGC): The career guidance cell provides relevant academic and career information to enable Students to make informed decisions along the way. Our focus is to provide learning/training opportunities in the areas of academic, career and personal/ Social development and to prepare students to meet their future challenges. The team keeps up to date with employment trends and options to ensure quality advice to students.

(https://www.aryainstitutejpr.com/career-guidance-cell.php)

(https://www.aryainstitutejpr.com/entrepreneurship-development-cell.php)

8. Social Responsibility

We are focused on promoting the sense of social responsibilities in students by involving them in various social activities. This helps in creating awareness about latest and important social issues in individual and gives them a broader perspective of understanding the causes and possible solutions related to various social issues.

9. Feedback from stakeholders

Based on the discussion with the stakeholders and feedback received from the stakeholders, a planning for the curriculum delivery is done based on following:

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- Curriculum provided by RTU

- Content Beyond the syllabus

- Add on certificate courses

- Experimental learning through project work, field work, internship etc.

10. Financial planning and support

The college has a committee for financial planning for every financial year with the end goal of support and upkeep of the facilities like merit based scholarship, research fund, infrastructure, furniture, PCs, library, transport facilities, maintaince etc.

11. Digitization

To promote digitization in Academic and Administration

- **Admission:** Institute website used for online admission for general information downloads brochure, toll free contact no. dissemination of notification etc.

- **Maintaining Accounts:** The College uses the Tally Software for the maintenance of accounts record.

- **Examination:** The College uses Google class room app for conductions of online examination. Through Google class room apps conduction of midterm paper and maintain the attendance, marks entry, evaluation etc.

- **Lecture notes:** The College uses website for uploading the lecture notes, Assignment, PPT, Guess paper etc. of respective subject.

- **Library:** Library uses Delplus2.0 (multi user) software for Acquisition, Cataloguing, OPAC, Circulation, Article Indexing, Serial Control, System Administration etc.