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Recognised by AICTE and DTE Maharashtra and affiliated to Savitribai Phule Pune University

Criterion VII – Institutional Value and Best Practices

7.2 – Best Practices

AY: 2021-22

2.1 **Best Practice- I**

1. **Title of the Practice:** Comprehensive Efforts for Higher Package Placement of Students

2. **Objectives**

- (a) To enhance the relevant skills through Skill Development activities
- (b) To gain practical knowledge through Internships and Work Experience
- (c) To train the students to enhance quantitative and qualitative aptitude
- (d) To build and maintain professional network and develop a strong personal branding

3. **Context**

- a) Enhance relevant skills such as problem-solving, critical thinking, communication, teamwork, and technical skills through coursework, projects, internships, and extracurricular activities.
- b) Gain practical experience through internships or part-time jobs in relevant industries or organizations. This also provides valuable networking opportunities.
- c) Preparation of interview questions and prepare for quantitative and qualitative aptitude that demonstrate the skills and accomplishments
- d) Build and maintain professional networks through industry events, career fairs, informational interviews, and online platforms. Networking can lead to job opportunities and referrals.

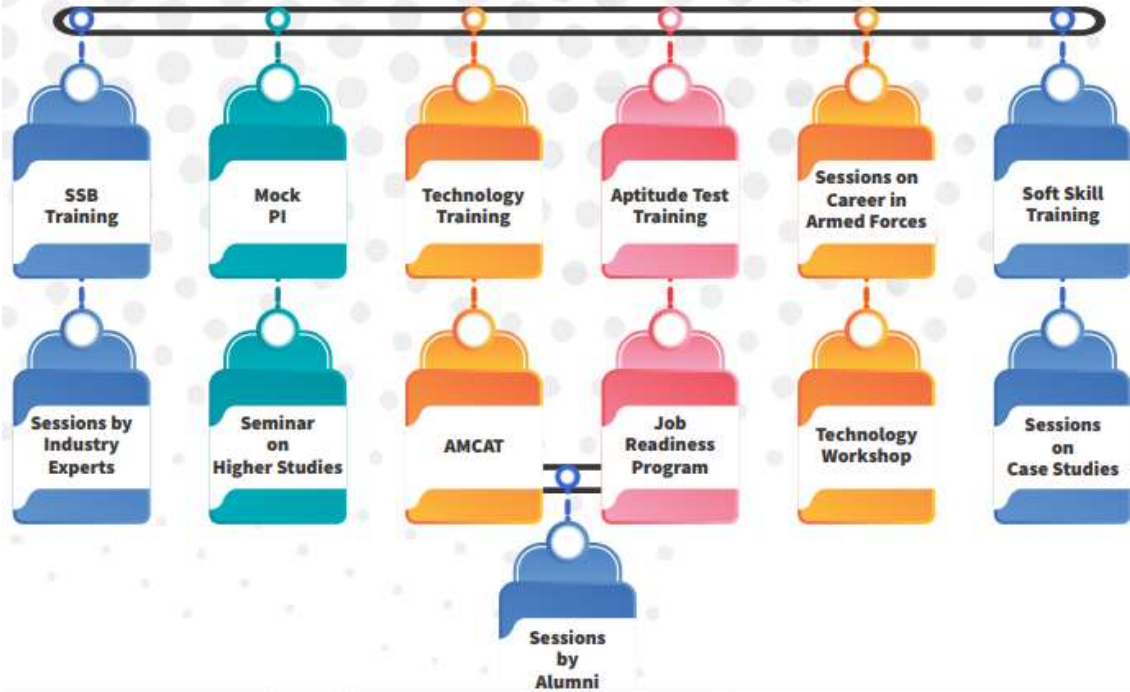
4. **The Practice**

- a) Competition: The job market is often competitive, with many qualified candidates vying for limited positions. Employers may have high standards and specific criteria for candidates.
- b) Experience Requirements: Many high-paying jobs require several years of experience in the field, which can be difficult for recent graduates or those transitioning to a new industry.
- c) Industry Changes: Industries are constantly evolving due to technological advancements, market trends, and other factors. Keeping up with these changes and adapting skill sets accordingly can be challenging.

5. **Evidence of Success**

- (a) Skill Development through Placement Activities

Activities of Placement cell



Orientation program-Indian Navy

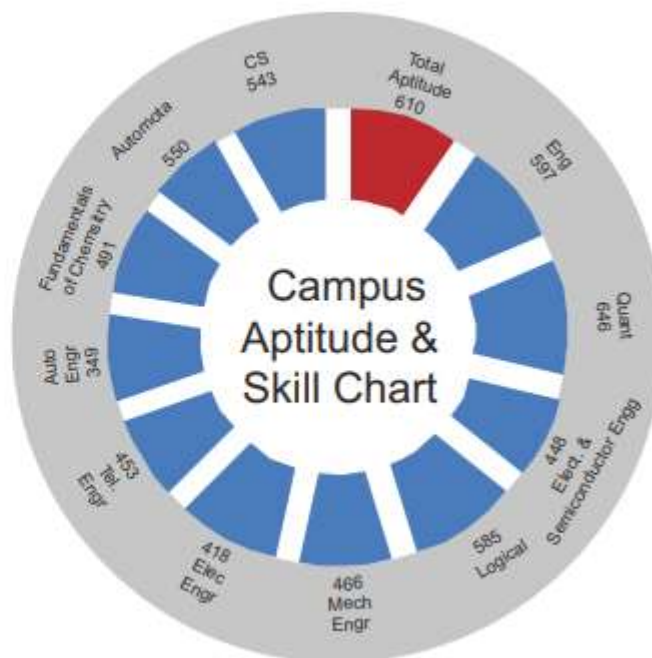
(b) Internship

Army Institute of Technology
Department of Computer Engineering
Record of Student Internships (2021-2022)

Sr. No.	Name of Student	Class	Name of Industry/Organization	Date	Duration
Sem I					
1.	Roshan Pious	SE Comp	RS Deep Info Lab Pvt. Ltd, Delhi	25/08/21-31/10/21	2 months
2.	K. Pradeep	TE Comp	Solytics Partners Pvt. Ltd., Chennai	05/06/21-04/11/21	6 months
3.	Anupam Kumar	TE Comp	Microsoft India (R&D) Pvt. Ltd, Bengaluru	02//05/21-24/06/21	2 months
4.	Subham Rana	TE Comp	Microsoft India (R&D) Pvt. Ltd, Bengaluru	02//05/21-24/06/21	2 months
5.	Anuranjan Kumar Pandey	TE Comp	AI-Cogito Corporation	17/11/21-17/04/22	6 months
6.	Aman Thakur	TE Comp	RS Deep Info Lab Pvt. Ltd, Delhi	25/08/21-31/10/21	3 months
7.	Anurag Chaudhary	TE Comp	Bizotics Tech Consultancy & Services Pvt. Ltd., Mumbai	13/07/21-13/12/21	6 months
8.	Kapil	TE Comp	Bizotics Tech Consultancy & Services Pvt. Ltd., Mumbai	14/07/21-14/12/21	6 months
9.	Rahul Ramesh Mahant	TE Comp	Microsoft India (R&D) Pvt. Ltd, Hyderabad	02/04/22-24/06/22	2 months
10.	Pranvi Gupta	BE Comp	BNY Mellon Technology Pvt. Ltd., Chennai	18/05/21-23/07/21	2 months

(c) AMCAT

Employability Assessment Test (Aspiring Minds Computer Adaptability Test) AIT has been ranked among TOP 10% colleges of India		
Year	AIT Campus Average	National Average
2022	610	478
2021	648	478
2020	601	478
2019	585	478
2018	570	478

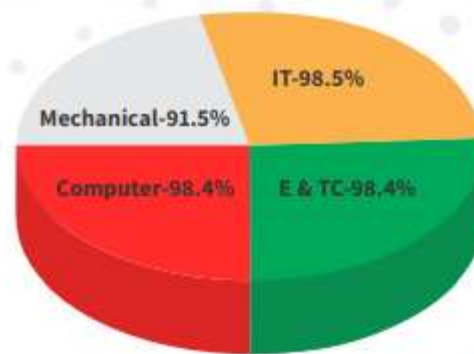


(d) Campus placements with CTC

Overall Placements						
Year of Course Completion	Number Registered	Number Placed		Highest Salary incl RSUs	Average Salary	Median Salary
		No	%			
2018-19	272	245	90	Rs 39.00 lakh	Rs 7.15 lakh	Rs 6.40 lakh
2019-20	342	313	92	Rs 39.00 lakh	Rs 7.30 lakh	Rs 6.50 lakh
2020-21	287	260	91	Rs 39.00 lakh	Rs 9.45 lakh	Rs 7.60 lakh
2021-22	314	305	97	Rs 112.14 lakh	Rs 14.70 lakh	Rs 12.00 lakh

- **Placement Ranking in Pune University – 3**
- **Average Salary in LPA – 14.7**
- **Median Salary in LPA – 12.00**
- **Highest Salary in LPA – 112.14**
- **No of industries visited – 93**
- **No of students placed above average salary – 103 out of 305**
- **Placement Percentage – 97**

Branch-wise Placements :



6. Problems Encountered and Recourses Required

- Limited Networking: Access to professional networks and connections is crucial for job opportunities, but not everyone has an extensive network to leverage.
- Competitive Market: The job market can be fiercely competitive, with numerous qualified candidates vying for limited positions.
- Industry Instability: Certain industries may experience fluctuations or downturns, impacting job availability and salary offerings.

2.2 **Best Practice- II**

1. **Title of the Practice:** Industry Integration to foster co-curricular activities including Innovation and Entrepreneurship

2. **Objectives of the Practice:**

- a) To share the knowledge among different sectors of Industry.
- b) To promote the ecosystem development where start ups can be benefited
- c) To keep pace with the trends and disruptive changes taking place in industry.
- d) To support collaborative opportunities

3. **Context:**

Integrating industries allows for the exchange of ideas, technologies, and best practices among different sectors, fostering a culture of innovation.

Combining resources such as capital, infrastructure, and expertise from various industries can provide startups and entrepreneurs with the necessary support to turn their ideas into viable businesses. Basic research with an inclination towards industry has been happening in AIT during the past years. Integration encourages collaboration between established companies and startups, leading to joint ventures, partnerships, and co-development efforts that drive innovation. Periodic industry visits help students to update their understanding of the subject and the industry practices in each domain. Guest Lecture by Industry Person in all the courses has led to strong interactions between the institute and industry.

The project-based internships are a good learning process which brings new perspectives and is up-to date with the industry trends.

Collaborative and cooperative research projects with industry could lead to direct Intellectual Property (IP) generation and/or translation into industrial realization.

4. **The Practice:**

To nurture research and innovations, and to encourage entrepreneurial initiatives of students, the institute established Innovation and Entrepreneurship cell under Institutes Innovation Council, an MHRD initiative. The startup eco system was built through collaborative efforts between senior alumni entrepreneurs and the aspiring startup founders. The eco system includes mentors, domain experts and resources. Since then, the institute has nurtured 8 startups. Industry mentors help our students through various entrepreneurship camps

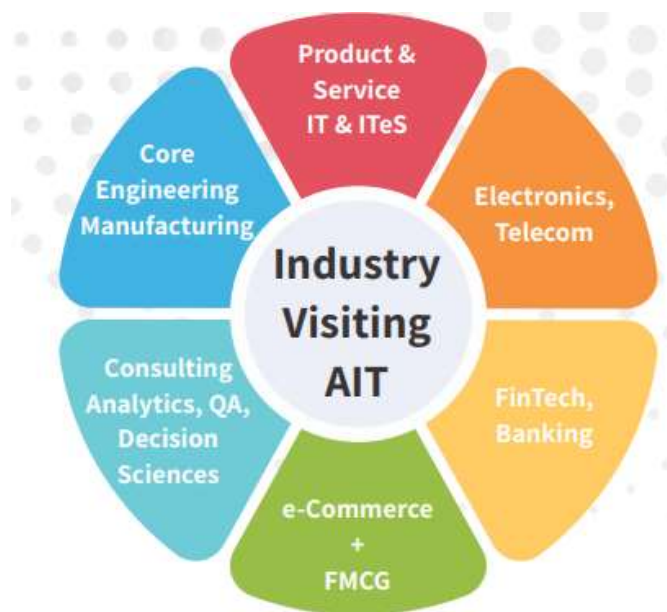
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Hackathon and coding competitions by various technical clubs in AIT are regularly conducted in AIT to address real world problems faced by the industry many of their competitions are sponsored by relevant Industries. Industry practitioners and standards organizations conduct codes and standards concept to our students.

5. Evidence of Success:

Industry participation makes students learn from new perspectives and helps create rapport with industry persons. It provides greater clarity and has an impact on their placement interviews.



The most meaningful aspect is that such tie-ups acknowledge and capitalize on the relative strengths of the academia and the industry.

A total of 26 Industrial expert guest lectures have been conducted so far. Industry linkages have paved the way for 407 project-based internships and 100 plus companies visiting regularly with attractive job opportunities to our students through the “dream” and “super-dream” offers. Through these practices, AIT supported 08 start-ups, conducted over 30 plus workshops on Industry-Academia Innovative during the last 5 years.

6. Problems Encountered and Resources Required:

The availability of right person and resources for the corresponding topic is sometimes a challenge. Industry partners may require specialized skills or expertise that are not readily available within academia, necessitating additional training or recruitment efforts to bridge the gap.

In spite of some temporary barriers, AIT has been offering its best with consistent efforts to optimize the industry-institute integration through a number of strategies enabling various initiatives to thrive in the country's quest for technological leadership