



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Report for AY 2024-25

Research and Development Cell

VISION

To foster a culture of innovation and creativity by providing a collaborative platform where students can explore, develop, and transform ideas into impactful solutions that contribute to technological advancement and societal betterment.

MISSION

Our mission is to nurture research-oriented thinking, encourage interdisciplinary collaboration, and equip students with the skills and resources needed to design, prototype, and present innovative projects. Through workshops, competitions, and hands-on activities, we aim to bridge the gap between theoretical learning and practical implementation, empowering future leaders in research and development.

Name of faculty in-charges	
1	Dr.Seema Tiwari
2.	Dr.Jaydeven R
3.	Dr.Gajanan Walunjkar
4.	Dr.Avinash Patil
5.	Dr.Laxmikant Jathar
6.	Prof.Komal Gill
Name of Student Secretaries	
1	Ankit Singh Tomar
2	Divya Kumari
Budget Allocated by Institute	Rs.5 Lakhs
Sponsorship received	-

Sr No.	Name of activity	Type (Inter college/ Intra college)
1	WordSmith	Intra College
2	Avishkar	Intra College
3	Fusion	Inter College
(i)	Innovex	
(ii)	Mystery Box	
4	Bits Goa	Inter College
5	Art of Research Paper Writing-Seema Tiwari	Intra College
6	Art of Research Paper Writing-Amruta Shinde	Intra College
7	IIT Bombay techfest	Inter College
8	IIT Bombay Zonals	Inter College
9	IP Clinic	Intra College
10	IPR Workshop	Intra College
11	Research Workshop Faculty	Intra College
12	SE Session Report	Intra College
13	SE Session Report	Intra College
14	Session On Copyright	Intra College
15	TE Session Report	Intra College
16	TE Session Report	Intra College
17	Vishwakarma Awards	Inter College



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Reports of all activities/events

Activity No 1

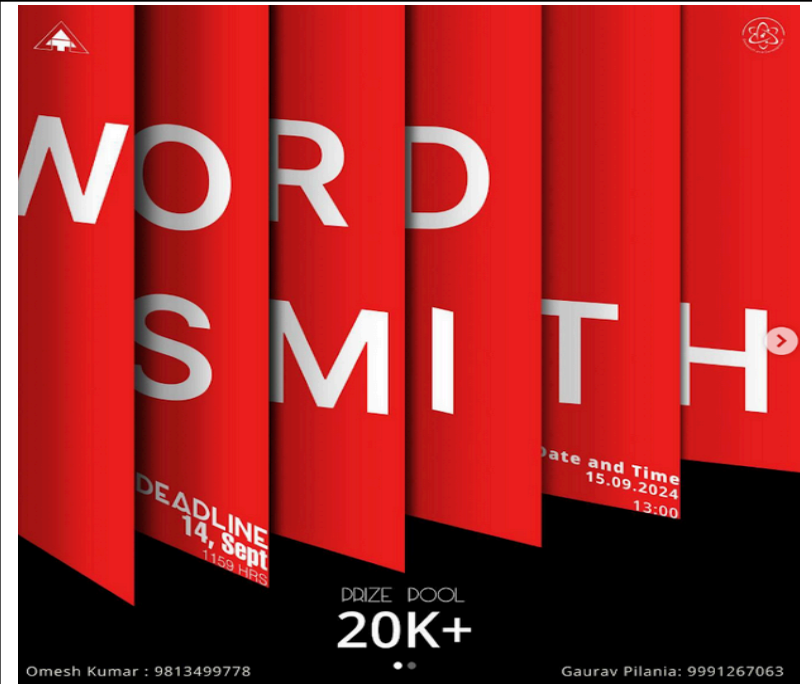
Required Field	Information to be filled
Link for publicity on social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/C_2NxObOft8/?igsh=MTB4djQ0Y2Ewdmxjaw==
Academic Year	2024-25
Name of coordinator	Dr. Seema Tiwari
Program/Activity/Name	WordSmith
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/other)	Intra college Event
Start Date	14-09-24
End Date	14-09-24
Mode of event (offline/online)	Offline
Number of Student Participants	30
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	24000/-
Objectives of activity (min 2)	<ol style="list-style-type: none">1. To enhance participants' knowledge and quick thinking by navigating interconnected concepts.2. To develop skills in logical linking and strategic information browsing.
Description of activity (50-150 words)	Wordsmith is an interactive and intellectually stimulating event designed to test participants' ability to think critically and connect ideas. Starting with a given word on Wikipedia, participants navigate through a series of hyperlinks to reach a specified target word. The challenge lies in finding the shortest and fastest path while demonstrating a strong understanding of concept relationships and efficient information browsing.
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari
Student Name (student involved in organizing event)	Ankit Singh Tomar Divya Kumari Sohail (TE Member R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilia (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell)

Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) FE Member Core Team

Geo tagged Photograph1




Session plan/Brochure/Document/overall report of the activity



Mention the PO number mapped with the Activity

PO9, PO10, PO12


Dr. Seema Tiwari
Dean R&D
Army Institute of Technology
Diche, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 02

Required Field	Information to be filled
Link for publicity on social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/DAbgzFrOijh/?igsh=Z3gyNnB5cGJnazRu
Academic Year	2024-25
Name of coordinator	Dr. Seema Tiwari
Program/Activity/Name	Avishkar
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intercollege Event
Start Date	30/09/24
End Date	30/09/24
Mode of event (offline/online)	Offline
Number of Student Participants	109
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	5000/-
Objectives of activity (min 2)	<ol style="list-style-type: none"> 1. To encourage innovation and research-oriented thinking among students by presenting impactful ideas. 2. To develop skills in technical presentation, prototyping, and effective communication through posters.
Description of activity (50-150 words)	Avishkar is a prestigious SPPU university-level competition aimed at fostering creativity and problem-solving skills in students. It provides a platform for participants to showcase their innovative ideas through a presentation, accompanied by a working model or prototype. Additionally, participants are required to design a poster that visually explains their concept, highlighting its novelty, feasibility, and potential impact. This competition not only evaluates technical knowledge but also enhances presentation and entrepreneurial skills.
Faculty Name (Faculty involved in organizing event)	Dr Seema Tiwari Dr.G.Walunekar Dr.Avinash Patil Dr.Jayadevan Dr.L D Jathar Prof. Komal Gill Prof.Amruta Shinde

Student Name (student involved in organizing event)	<div data-bbox="1347 197 1559 367" data-label="Image"> </div> <p> Ankit Singh Tomar Divya Kumari Sohail (TE Member R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Se R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) FE Member Core Team </p>
Geo tagged Photograph1	<div data-bbox="803 548 1409 993" data-label="Image"> </div>
Session plan/Brochure/Document/overall report of the activity	<div data-bbox="803 1010 1409 1606" data-label="Image"> </div>
Mention the PO number mapped with the Activity	PO2, PO4, PO12

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186



Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No. 03**

Required Field	Information to be filled
Link for publicity on social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/DH1K64-z-Tx/?igsh=cXVpZjZmODQyMjVk
Academic Year	2024-25
Name of coordinator	Dr. Seema Tiwari
Program/Activity/Name	Innovex
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intercollege Event
Start Date	03-04-2025
End Date	03-04-2025
Mode of event (offline/online)	Offline
Number of Student Participants	124
Number of Faculty Participants	0
Number of External Participants, If any	95
Expenditure Amount, If any	52,600/-
Objectives of activity (min 2)	<ol style="list-style-type: none">1. To provide a platform for showcasing innovative hardware and software solutions developed by students.2. To promote interdisciplinary collaboration and practical problem-solving through working prototypes.
Description of activity (50-150 words)	Innovex is a multi-college event that brings together young innovators to present groundbreaking ideas in two categories—hardware and software. Participants demonstrate their creativity and technical expertise by developing functional prototypes that address real-world challenges. The event encourages knowledge sharing, fosters collaboration among students from different institutions, and recognizes projects with high potential for technological advancement and societal impact.
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari Dr. Rahul Desai Prof. Sonawane
Student Name (student involved in organizing event)	Ankit Singh Tomar Divya Kumari Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilia (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt.

	Secretary R&D Cell)
	FE MEMBER CORE TEAM
Geo tagged Photograph1	
Session plan/Brochure/Document/overall report of the activity	
Mention the PO number mapped with the Activity	PO9, PO10, PO11

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

Required Field	Information to be filled
Link for publicity on social media (Facebook//twitter/Instagram)	https://www.instagram.com/p/DHlK64-z-Tx/?igsh=cXVpZjZmODQyMjVk
Academic Year	2024-2025
Name of coordinator	Dr. Seema Tiwari
Program/Activity/Name	Mystery Box
Select one of the Program Type (Workshop/FDP/Seminar/conference/intercollege event/intra college event/ other)	Intercollege Event
Start Date	05-04-2025
End Date	05-04-2025
Mode of event (offline/online)	Offline
Number of Student Participants	20
Number of Faculty Participants	0
Number of External Participants, If any	0
Expenditure Amount, If any	36000/-
Objectives of activity (min 2)	<ol style="list-style-type: none"> 1. To challenge participants' creativity and problem-solving skills by building functional solutions from limited resources. 2. To enhance teamwork and on-spot innovation under time constraints.
Description of activity (50-150 words)	Mystery Box is a hands-on, offline event designed to test participants' ingenuity and collaborative abilities. Qualifying teams are provided with sealed mystery boxes containing a set of unknown components. Using only the given materials, they must conceptualize and build a functional or innovative product within a limited timeframe. Teams are judged based on creativity, practicality, and the overall execution of their build, making it an exciting test of spontaneous innovation.
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari
Student Name (student involved in organizing event)	Ankit Singh Tomar Divya Kumari Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) FE MEMBER CORE TEAM

<p>Geo tagged Photograph1</p>	
<p>(JPEG or PDF Format max size 2 Mb)</p>	
<p>Mention the PO number mapped with the Activity</p>	<p>PO2, PO4, PO5</p>

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in


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



Activity No. 04

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://bitsquark.in/
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Competition
Mode of Event (offline/online)	Offline
Date of Event	6th - 10th Feb 2025
Number of Students Participated	Team of 6 Members
Amount	48,316/-
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved)	Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) Durgesh Kumar (Jt. Secretary R&D Cell) Ajay Kumar (Jt. Secretary R&D Cell) Salit Kumar Rohit Kumar
Benefits of Event	<ol style="list-style-type: none"> Encourages Innovation and Creativity: <ol style="list-style-type: none"> Students are motivated to think outside the box and come up with novel solutions to real-world challenges through project-based learning. Hands-on Learning Experience: By developing and presenting their ideas or prototypes, students gain practical skills, enhancing their understanding of how concepts are applied in real scenarios. Networking Opportunities: Participants can connect with industry experts, academic professionals, and fellow students, fostering collaboration and potentially opening doors for future opportunities. Constructive Feedback from Experts: Students receive valuable input from experienced judges, helping them refine their ideas and improve their approach for future projects and innovations. Recognition and Awards: The event provides a platform for students to gain recognition for their hard work and creativity, with awards that can boost their academic and professional profiles.

Objective of Event	<ol style="list-style-type: none"> 1. Inspire students to think critically and develop innovative ideas that address pressing challenges across various domains through creative problem-solving. 2. Encourage practical application of theoretical knowledge by motivating students to design projects or prototypes that can have real-world impact and relevance. 3. Promote interdisciplinary collaboration, fostering a culture of teamwork among students from diverse academic backgrounds to solve complex issues together. 4. Cultivate entrepreneurial skills by encouraging students to explore potential applications of their ideas, preparing them for future ventures or research opportunities. 5. Enhance student confidence and communication skills by providing a platform to present ideas and interact with experts from industry and academia.
Photograph	
Mention the PO number mapped with the Activity	PO9, PO10, PO12


 Dr. Seema Tiwari
 Dean R&D
 Army Institute of Technology
 Dighi, Pune 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

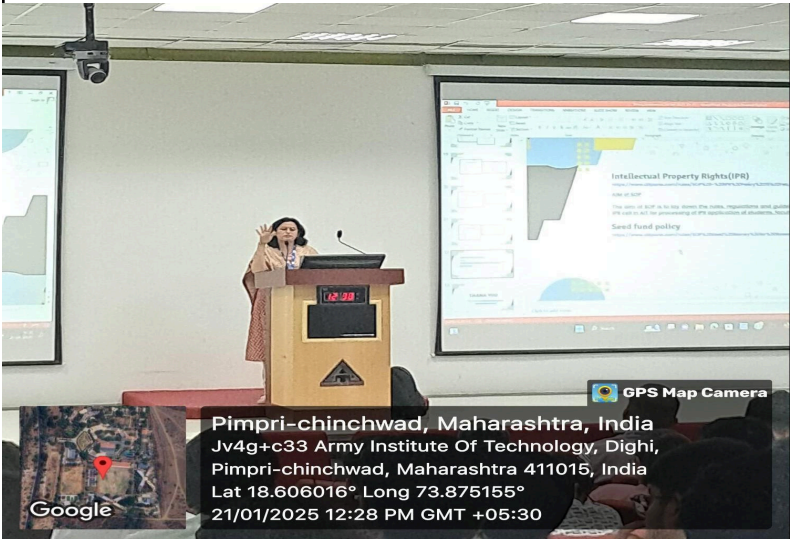
Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No. 05**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_event-2support-of-institute-for-seed-activity-7287410246023573504-TxYr?utm_source=share&utm_medium=member_desktop
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	21/01/2025
Number of Students Participated	480
Amount	-
Remark	Workshop on the Support of the institute for seed fund and IPRs for FEs.
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in Session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">1. Increased Awareness of Funding Opportunities and Intellectual Property Rights (IPRs): Increased awareness of funding opportunities available for innovative projects and the critical role of intellectual property rights (IPRs) in protecting research and fostering innovation.2. Insights into Research Policies and Standards: Provided actionable insights into research-related policies, enabling students to align their work with institutional and industry standards effectively.

Objectives of the Event	<ol style="list-style-type: none"> 1. To Highlight Seed Funding and Financial Assistance. 2. To inform students about institutional support for seed funding and how to leverage financial assistance for developing innovative projects. 3. To Foster a Research-Oriented Culture: To introduce students to R&D-related policies, their practical applications, and how they can benefit from institutional and industry initiatives. To foster a research-oriented culture within the institute, inspiring students to pursue innovative solutions and contribute to the academic and professional research ecosystem.
Photograph	 <p>Pimpri-chinchwad, Maharashtra, India Jv4g+c33 Army Institute Of Technology, Dighi, Pimpri-chinchwad, Maharashtra 411015, India Lat 18.606016° Long 73.875155° 21/01/2025 12:28 PM GMT +05:30</p>
Mention the PO number mapped with the Activity	PO4, PO10, PO12


Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 06

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_event-art-of-research-paper-writingby-activity-7287410038648819712-24na?utm_source=share&utm_medium=member_desktop
Academic Year	2024 -25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	21/01/2025
Number of Students Participated	480
Amount	-
Remark	Workshop on the Research Paper for FE
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D) Dr. Amruta Shinde (Asst. Prof., ASGE Dept.)
Student Name (Students involved in Session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">1. Enhanced Research Writing and Publishing Skills:2. Strengthening students' research writing and publishing skills by providing them with detailed insights into crafting impactful research papers, improving documentation techniques, and understanding the nuances of academic publishing.3. Exposure to Real-World Applications and Mentorship Opportunities:4. Encouraged innovative thinking and problem-solving by exposing students to real-world research applications and the support available for turning ideas into tangible outcomes. Connected students with experienced mentors and professionals, offering guidance and fostering collaborations that could support future research and career endeavors.

Objective of Event	<ol style="list-style-type: none"> 1. To Educate on Effective Research Writing: 2. To educate students on the essentials of impactful research writing, including best practices, documentation, and submission for publication in reputed journals and conferences. 3. To Promote Awareness of Intellectual Property Rights: 4. To create awareness about intellectual property rights, their importance in safeguarding research work, and the legal frameworks governing them.
Photograph	
Mention the PO number mapped with the Activity	PO4, PO9, PO10

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185




Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 07

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://techfest.org/idrl
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Competition
Mode of Event (offline/online)	Offline
Date of Event	18 Oct. 2024
Number of Students Participated	Team of 6 Members
Amount	56,000/-
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in organizing event)	AIT R&D Cell Student Team
Benefits of Event	<ol style="list-style-type: none">1. Encourages Innovation and Creativity: Students are motivated to think outside the box and come up with novel solutions to real-world challenges through project-based learning.2. Hands-on Learning Experience: By developing and presenting their ideas or prototypes, students gain practical skills, enhancing their understanding of how concepts are applied in real scenarios.3. Networking Opportunities: Participants can connect with industry experts, academic professionals, and fellow students, fostering collaboration and potentially opening doors for future opportunities.4. Constructive Feedback from Experts: Students receive valuable input from experienced judges, helping them refine their ideas and improve their approach for future projects and innovations.5. Recognition and Awards: The event provides a platform for students to gain recognition for their hard work and creativity, with awards that can boost their academic and professional profiles.

Objective of Event	<ol style="list-style-type: none"> 1. Inspire students to think critically and develop innovative ideas that address pressing challenges across various domains through creative problem-solving. 2. Encourage practical application of theoretical knowledge by motivating students to design projects or prototypes that can have real-world impact and relevance. 3. Promote interdisciplinary collaboration, fostering a culture of teamwork among students from diverse academic backgrounds to solve complex issues together. 4. Cultivate entrepreneurial skills by encouraging students to explore potential applications of their ideas, preparing them for future ventures or research opportunities. 5. Enhance student confidence and communication skills by providing a platform to present ideas and interact with experts from industry and academia.
Photograph	  
Mention the PO number mapped with the Activity	PO3, PO9, PO11

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 08

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://techfest.org/idrl
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Competition
Mode of Event (offline/online)	Offline
Date of Event	18 Dec. 2024
Number of Students Participated	Team of 7 Members
Amount	11,345/-
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari (Dean R&D) Avinash Patil (Faculty Member R&D Cell)
Student Name (Students involved)	Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Sumaanyu Nayak (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) Rohit Kumar Salit Kumar
Benefits of Event	<ol style="list-style-type: none">1. Encourages Innovation and Creativity: Students are motivated to think outside the box and come up with novel solutions to real-world challenges through project-based learning.2. Hands-on Learning Experience: By developing and presenting their ideas or prototypes, students gain practical skills, enhancing their understanding of how concepts are applied in real scenarios.3. Networking Opportunities: Participants can connect with industry experts, academic professionals, and fellow students, fostering collaboration and potentially opening doors for future opportunities.4. Constructive Feedback from Experts: Students receive valuable input from experienced judges, helping them refine their ideas and improve their approach for future projects and innovations.5. Recognition and Awards: The event provides a platform for students to gain recognition for their hard work and creativity, with awards that can boost their academic and professional profiles

Objective of Event	<ol style="list-style-type: none"> 1. Inspire students to think critically and develop innovative ideas that address pressing challenges across various domains through creative problem-solving. 2. Encourage practical application of theoretical knowledge by motivating students to design projects or prototypes that can have real-world impact and relevance. 3. Promote interdisciplinary collaboration, fostering a culture of teamwork among students from diverse academic backgrounds to solve complex issues together. 4. Cultivate entrepreneurial skills by encouraging students to explore potential applications of their ideas, preparing them for future ventures or research opportunities. 5. Enhance student confidence and communication skills by providing a platform to present ideas and interact with experts from industry and academia.
Photograph	
Mention the PO number mapped with the Activity	PO2, PO9, PO10


Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

**Activity No.09**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_topic-training-for-form-filling-for-patenting-activity-7315245745656205313-qab2?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEnwzdsBl62X0mFKcrbE4svHAq90H_nhYXCo
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Session
Mode of Event (offline/online)	Offline
Date of Event	11/02/2025
Number of Students Participated	300
Amount	12500
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D) Prof. Komal Gill (Faculty Member R&D Cell)
Student Name (Students involved in session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">1. Enhanced Knowledge of Patent Filing and Process: Equipped students and faculty with a clear understanding of the complete patent lifecycle—right from identifying a patentable idea to filing, publication, examination, and grant. Simplified legal and procedural complexities into practical steps.2. Encouragement for Innovation and Protection of Ideas: Motivated innovators to safeguard their original inventions by helping understand the importance of patent protection in academic, industrial, and entrepreneurial contexts. Encouraged a shift from idea generation to intellectual asset creation.

<p>Objective of Event</p>	<ol style="list-style-type: none"> 1. To Promote Awareness of Patentable Research: To help participants identify what qualifies as a patentable invention and how to structure their research and development efforts to meet patent criteria, including novelty, inventiveness, and industrial application. 2. To Strengthen IP Culture and Commercial Thinking: To build a proactive culture around intellectual property rights and innovation, encouraging researchers to not only protect their work but also explore its commercial potential and contribution to society.
<p>Photograph</p>	
<p>Mention the PO number mapped with the Activity</p>	<p>PO6, PO8, PO10</p>

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 10

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_topic-training-for-form-filling-for-patenting-activity-7315245745656205313-qab2?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEnwzdsBl62X0mFKcrbE4svHAq90H_nhYXCo
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	11/02/2025
Number of Students Participated	360
Amount	NIL
Remark	
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in session)	AIT R&D Cell Member
Benefits of Event	<p>1.Increased Awareness of Funding Opportunities and Intellectual Property Rights (IPRs):Increased awareness of funding opportunities available for innovative projects and the critical role of intellectual property rights (IPRs) in protecting research and fostering innovation.</p> <p>2.Insights into Research Policies and Standards: Provided actionable insights into research-related policies, enabling students to align their work with institutional and industry standards effectively</p>
Objective of Event	<ol style="list-style-type: none"> 1. To Highlight Seed Funding and Financial Assistance: To inform students about institutional support for seed funding and how to leverage financial assistance for developing innovative projects. 2. To Foster a Research-Oriented Culture: To introduce students to R&D-related policies, their practical applications, and how they can benefit from institutional and industry initiatives. To foster a research-oriented culture within the institute, inspiring students to pursue innovative solutions and contribute to the academic and professional research ecosystem. Professional research ecosystem.

Photograph



Mention the PO number mapped with the Activity

PO6, PO8, PO12


Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186


Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No. 11**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_topic-of-workshop-one-day-hands-on-session-activity-7313115640280551424-xjZL?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEnwzdsBl62X0mFKcrbE4svHA_q90HnhYXCo
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Online
Date of Event	03/04/2025
Number of Participants	
Amount	NIL
Remark	
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">1. Enhanced Research Writing and Publishing Skills: Strengthened students' research writing and publishing skills by providing them with detailed insights into crafting impactful research papers, improving documentation techniques, and understanding the nuances of academic publishing.2. Exposure to Real-World Applications and Mentorship Opportunities: Encouraged innovative thinking and problem-solving by exposing students to real-world research applications and the support available for turning ideas into tangible outcomes. Connected students with experienced mentors and professionals, offering guidance and fostering collaborations that could support future research and career endeavors.

<p>Objective of Event</p>	<ol style="list-style-type: none"> 1. To Educate on Effective Research Writing: To educate students on the essentials of impactful research writing, including best practices, documentation, and submission for publication in reputed journals and conferences. 2. To Promote Awareness of Intellectual Property Rights: To create awareness about intellectual property rights, their importance in safeguarding research work, and the legal frameworks governing them.
<p>Photograph</p>	
<p>Mention the PO number mapped with the Activity</p>	<p>PO4, PO9, PO12</p>

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186



Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No. 12**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_event-art-of-research-paper-writing-tips-activity-7287350610050322432-kLVV?utm_source=share&utm_medium=member_desktop
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	21/01/2025
Number of Students Participated	420
Amount	180
Remark	Workshop on the Research Paper
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D) Dr. Laxmikant Jathar (Asst. Prof., Mech Dept.)
Student Name (Students involved session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilonia (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">Enhanced Research Writing and Publishing Skills: Strengthened students' research writing and publishing skills by providing them with detailed insights into crafting impactful research papers, improving documentation techniques, and understanding the nuances of academic publishing.Exposure to Real-World Applications and Mentorship Opportunities: Encouraged innovative thinking and problem-solving by exposing students to real-world research applications and the support available for turning ideas into tangible outcomes. Connected students with experienced mentors and professionals, offering guidance and fostering collaborations that could support future research and career endeavors.

Objective of Event	<div>1. To Educate on Effective Research Writing: To educate students on the essentials of impactful research writing, including best practices, documentation, and submission for publication in reputed journals and conferences.</div> <div>2. To Promote Awareness of Intellectual Property Rights: To create awareness about intellectual property rights, their importance in safeguarding research work, and the legal frameworks governing them.</div>
Photograph	<div><p>Pune, Maharashtra, India Dighi Camp, Pune, 411015, Maharashtra, India Lat 18.605931, Long 73.875077 01/21/2025 02:44 PM GMT+05:30 Note : Captured by GPS Map Camera</p></div> <div><p>Pune, Maharashtra, India Dighi Camp, Pune, 411015, Maharashtra, India Lat 18.605914, Long 73.875063 01/21/2025 03:09 PM GMT+05:30 Note : Captured by GPS Map Camera</p></div>
Mention the PO number mapped with the Activity	PO9, PO10, PO11


Dr. Seema Tiwari
Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186


Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No. 13**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_event-support-of-institute-for-seed-fund-activity-7287347443258580992-mBbs?utm_source=share&utm_medium=member_desktop
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	21/01/2025
Number of Students Participated	420
Amount	180
Remark	Workshop on the Support of institute for seed fund and IPRs.
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D Cell)
Student Name (Students involved session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell) FE Member Core Team
Benefits of Event	1.Increased Awareness of Funding Opportunities and Intellectual Property Rights (IPRs): Increased awareness of funding opportunities available for innovative projects and the critical role of intellectual property rights (IPRs) in protecting research and fostering innovation. 2.Insights into Research Policies and Standards: Provided actionable insights into research-related policies, enabling students to align their work with institutional and industry standards effectively.

<p>Objective of Event</p>	<ol style="list-style-type: none"> 1. To Highlight Seed Funding and Financial Assistance: To inform students about institutional support for seed funding and how to leverage financial assistance for developing innovative projects. 2. To Foster a Research-Oriented Culture: To introduce students to R&D-related policies, their practical applications, and how they can benefit from institutional and industry initiatives. To foster a research-oriented culture within the institute, inspiring students to pursue innovative solutions and contribute to the academic and professional research ecosystem.
<p>Photograph</p>	
<p>Mention the PO number mapped with the Activity</p>	<p>PO9, PO10, PO11</p>

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

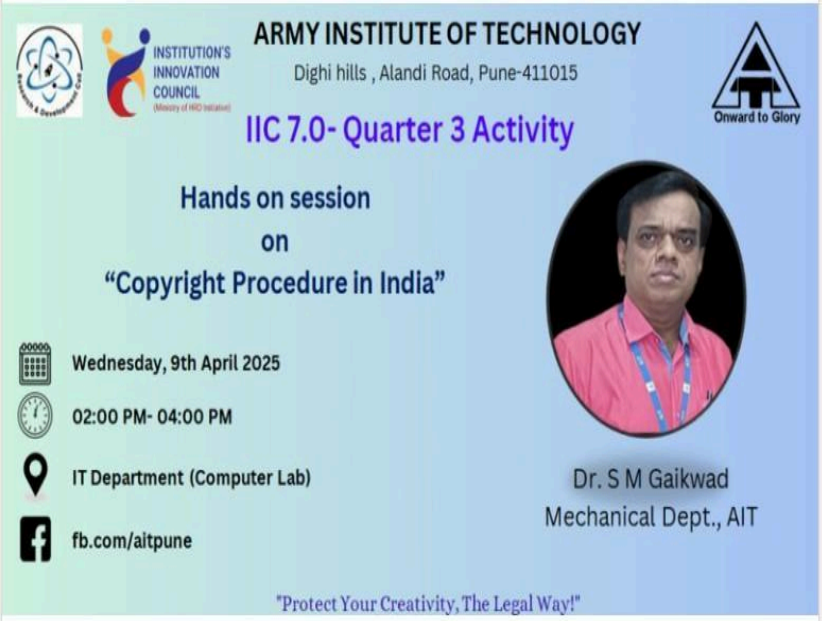
Website : www.aitpune.com Email : ait@aitpune.edu.in


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



Activity No. 14

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_topic-of-workshop-hands-on-session-on-copy-activity-7315241542263185409-tpDQ?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEnwzdsBl62X0mFKcrbE4svH_Aq90HnhYXCo
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	09/04/2025
Number of Students Participated	250 & Faculty
Amount	18,000/-
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in session)	Ankit Singh Tomar (Secretary R&D Cell) Divya Kumari (Secretary R&D Cell) Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell)
Benefits of Event	<ol style="list-style-type: none">1. Improved Understanding of Copyright and Ownership: Empowered students and faculty with a clear understanding of copyright laws, authorship rights, and the legal protection of original work. Helped participants differentiate between copyright and other forms of intellectual property, such as patents and trademarks.2. Protection of Academic and Creative Work: Guided attendees on how to legally protect their academic content, project reports, designs, publications, and creative outputs. Explained the steps to register copyright and how to avoid common infringement issues.

Objective of Event	<ol style="list-style-type: none"> 1. To Promote Ethical Use of Content: To raise awareness about ethical practices in academic writing, publishing, and digital content use by explaining copyright limitations, fair use policies, and the consequences of plagiarism. 2. To Strengthen IP Culture in Campus: To build a culture of respect for intellectual property among students and faculty by emphasizing the value of originality, legal ownership, and responsible sharing of academic and creative materials.
Photograph	
Mention the PO number mapped with the Activity	PO6, PO8, PO10


 Dr. Seema Tiwari
 Dean R&D
 Army Institute of Technology
 Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185


Website : www.aitpune.com Email : ait@aitpune.edu.in


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



Activity No. 15

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_eventart-of-research-paper-writing-speaker-activity-7287030404937650176-eAvi?utm_source=share&utm_medium=member_desktop&rcm=ACoAAEnwzdsBl62X0mFKcrbE4svHAq9_0HnhYXCo
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	20/01/2025
Number of Students Participated	360
Amount	180
Remark	Workshop on the Research Paper
Faculty Name (Faculties involved)	Dr. Rupali Bagate (Asst. Prof., IT Dept.)
Student Name (Students involved session)	AIT R&D Cell Member
Benefits of Event	<ol style="list-style-type: none">1. Enhanced Research Writing and Publishing Skills: Strengthened students' research writing and publishing skills by providing them with detailed insights into crafting impactful research papers, improving documentation techniques, and understanding the nuances of academic publishing.2. Exposure to Real-World Applications and Mentorship Opportunities: Encouraged innovative thinking and problem-solving by exposing students to real-world research applications and the support available for turning ideas into tangible outcomes. Connected students with experienced mentors and professionals, offering guidance and fostering collaborations that could support future research and career endeavors.

<p>Objective of Event</p>	<ol style="list-style-type: none"> 1. To Educate on Effective Research Writing: To educate students on the essentials of impactful research writing, including best practices, documentation, and submission for publication in reputed journals and conferences. 2. To Promote Awareness of Intellectual Property Rights: To create awareness about intellectual property rights, their importance in safeguarding research work, and the legal frameworks governing them.
<p>Photograph</p>	
<p>Mention the PO number mapped with the Activity</p>	<p>PO9, PO10, PO11</p>


 Dr. Seema Tiwari
 Dean R&D
 Army Institute of Technology
 Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC



Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186

Exch : 7249250183, 7249250184, 7249250185

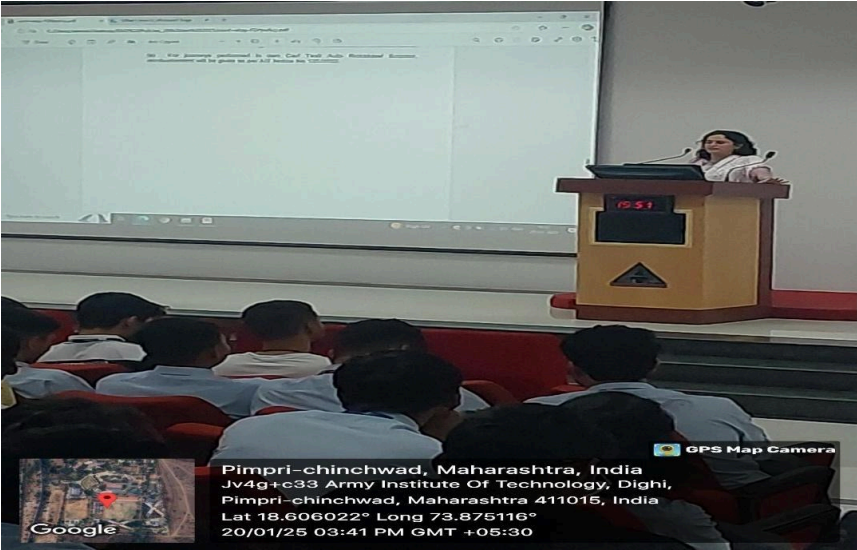
Website : www.aitpune.com Email : ait@aitpune.edu.in

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



Activity No. 16

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://www.linkedin.com/posts/army-institute-of-technology-ait-pune_eventawareness-of-ipr-and-rd-related-activity-7287034694808784896-uZlh?utm_source=share&utm_medium=member_desktop
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Workshop
Mode of Event (offline/online)	Offline
Date of Event	20/01/2025
Number of Students Participated	360
Amount	NIL
Remark	Workshop on Support of institute for seed fund and IPRs.
Faculty Name (Faculties involved)	Dr. Seema Tiwari (Dean R&D)
Student Name (Students involved in session)	<p>Rahul Kumar (Jt. Secretary R&D Cell) Gourav Pilania (Jt. Secretary R&D Cell) Omesh Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Shivam Prajapati (Jt. Secretary R&D Cell) Shrawani Bhosle (Jt. Secretary R&D Cell) Prateek Nehra (Jt. Secretary R&D Cell)</p> <p>FE Member Core Team</p>
Benefits of Event	<ol style="list-style-type: none"> 1. Increased Awareness of Funding Opportunities and Intellectual Property Rights (IPRs): Increased awareness of funding opportunities available for innovative projects and the critical role of intellectual property rights (IPRs) in protecting research and fostering innovation. 2. Insights into Research Policies and Standards: Provided actionable insights into research-related policies, enabling students to align their work with institutional and industry standards effectively.

Objective of Event	<ol style="list-style-type: none"> 1. To Highlight Seed Funding and Financial Assistance: To inform students about institutional support for seed funding and how to leverage financial assistance for developing innovative projects. 2. To Foster a Research-Oriented Culture: To introduce students to R&D-related policies, their practical applications, and how they can benefit from institutional and industry initiatives. To foster a research-oriented culture within the institute, inspiring students to pursue innovative solutions and contribute to the academic and professional research ecosystem. Professional research ecosystem.
Photograph	 <p>Pimpri-chinchwad, Maharashtra, India Jv4g+c33 Army Institute Of Technology, Dighi, Pimpri-chinchwad, Maharashtra 411015, India Lat 18.606022° Long 73.875116° 20/01/25 03:41 PM GMT +05:30</p>
Mention the PO number mapped with the Activity	PO9, PO10, PO11


Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

**Army Institute Of Technology (AIT), Dighi Camp, Pune - 15.**

Director : 7249250115, Joint Director : 7249250117, Principal : 7249250186


Exch : 7249250183, 7249250184, 7249250185

Website : www.aitpune.com Email : ait@aitpune.edu.in

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

**Activity No.17**

REQUIRED FILLED	INFORMATION TO BE FILLED
Link for publicity on social media	https://makerbhavanfoundation.org/vishwakarma-award/
Academic Year	2024-25
Program driven by	AIT R&D Cell
Program/Activity	Competition
Mode of Event (offline/online)	Offline
zDate of Event	19th Dec. - 22nd Dec. 2024
Number of Students Participated	Team of 4 Members
Amount	16,459/-
Faculty Name (Faculty involved in organizing event)	Dr. Seema Tiwari (Dean R&D) Dr. Snehal Marathe
Student Name (Students involved)	Rahul Kumar (Jt. Secretary R&D Cell) Shibam Ghosh (Jt. Secretary R&D Cell) Aditya Mishra Saurav Chauhan
Benefits of Event	<ol style="list-style-type: none">1.Encourages Innovation and Creativity:2.Students are motivated to think outside the box and come up with novel solutions to real-world challenges through project-based learning.3. Hands-on Learning Experience:4. By developing and presenting their ideas or prototypes, students gain practical skills, enhancing their understanding of how concepts are applied in real scenarios.5. Networking Opportunities:6. Participants can connect with industry experts, academic professionals, and fellow students, fostering collaboration and potentially opening doors for future opportunities.7. Constructive Feedback from Experts:8. Students receive valuable input from experienced judges, helping them refine their ideas and improve their approach for future projects and innovations.9. Recognition and Awards:10. The event provides a platform for students to gain recognition for their hard work and creativity, with awards that can boost their academic and professional profiles.

Objective of Event	<ol style="list-style-type: none"> 1. Inspire students to think critically and develop innovative ideas that address pressing challenges across various domains through creative problem-solving. 2. Encourage practical application of theoretical knowledge by motivating students to design projects or prototypes that can have real-world impact and relevance. 3. Promote interdisciplinary collaboration, fostering a culture of teamwork among students from diverse academic backgrounds to solve complex issues together. 4. Cultivate entrepreneurial skills by encouraging students to explore potential applications of their ideas, preparing them for future ventures or research opportunities. 5. Enhance student confidence and communication skills by providing a platform to present ideas and interact with experts from industry and academia.
Photograph	
Mention the PO number mapped with the Activity	PO3, PO7, PO11

Dr. Seema Tiwari

Dean R&D
Army Institute of Technology
Dighi, Pune - 411015

Name and Sign of Club/ Cell/ Session IC

Program Outcomes (POs)



1. **PO1: Engineering knowledge:** Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.
2. **PO2: Problem analysis:** Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.
3. **PO3: Design/development of solutions:** Design solutions for complex engineering problems 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.
4. **PO4: 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.
5. **PO5: Modern tool usage:** Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
6. **PO6: 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 professional engineering practice.
7. **PO7: Environment and sustainability:** Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.
8. **PO8: Ethics:** Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.
9. **PO9: Individual and team work:** Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
10. **PO10: Communication:** Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
11. **PO11: Project management and finance:** Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
13. **PO12: Life-long learning:** Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.