

Introduction:

As of changing technical world , we have to be abreast with this dynamic world wherein the emerging technology changes the life of the society and hence the needs and demands paving way for various problem statements. We help students realize the fact and arrange various activities which make them knowledgeable and techno ready , Institute motivates the faculty members in pursuing their Ph.D from various Universities like like .NIT, VTU,MIT etc. Till now 4 faculty members have completed their Ph.D and 9 faculty members are currently pursuing their Ph.D. The research work is encouraged by providing incentives for conferences , publications and patents. Students' innovative activities are also supported by the Institute

Funds are allocated by the Institute for the eligible viable projects to give financial support as for the purchase of consumables, equipment's . Visits to renowned colleges are arranged to interact with the expertise for problem solutions. Students participate in internal and external hackathons to show their skills of launching their ideas with the thrust area of business models . Such activities are conducted under Institute's Innovation Council, AGPIT .The activity helps student gain skills as assess market viability and commercialization pathways,. align with product development and business strategies, plan for patents, licensing, or partnerships

The faculty members are encouraged to publish their papers in Scopus indexed journals and reputed journals. Till recently around 50 papers have been published in peer reviewed journals with good impact factor. To encourage research and innovation the institute has constituted R&D cell. The cell monitors and promotes research and innovative thinking among the faculty members and students. R& D cell facilitates proposal writing to various funding agencies like AICTE, and University

Location: 1st Floor, Main Building, A. G. Patil Institute of Technology, Solapur

Authorities

Dr. V. V. Potdar

Principal, A. G. Patil Institute of Technology, Solapur

Committee Members

Sr.No	Name of Staff	Department	Position
1.	Prof. Dr. Sakhare S. R.	E & TC Engg.	Chairman
2.	Prof Gadwal S B	Mech. Engg	Member
3.	Prof. Upadhe S. N.	Mech. Engg.	Member
4.	Prof. Ligade A. S.	Civil Engg.	Member
5.	Prof Swami Prahant	Civil Engg.	Member
6.	Prof Ligade S J	E & TC Engg	Member
7.	Prof. Ms. Bhaganagare R. M.	General Sci. & Engg.	Member
8.	Prof. Mrs. Deshmukh M.N.	Comp. Engg.	Member
9.	Mr Kharpude Aniket	E & TC Engg. (Student_alumni)	Member

Vision : To Promote and Facilitate leading edge Research in Engineering and Technology

Mission : Enhance Research Capabilities at the college and to increase internal and external research opportunities for faculty and graduate students

Short Term Goal:

1. To motivate faculty and students to participate in Seminars/Conferences/Workshops and share their knowledge and experience
2. To motivate faculty and students to present/publish Research papers in reputed National & International journals and submit a copy to R& D Cell
3. To start Research programme in Engineering & technology, funded by National & International research bodies
4. To motivate faculty and students to design and fabricate and implement viable functional projects for the benefit of the institution.
5. The institution may provide financial support & facilities

Long Term Goal:

1. .Initiating process of establishing Research centre in Engineering & Technology domain
2. Exhorting the importance of culture or movement that research & academics are complementary to each other. Both are needed for upgrading the standard of education in our country.

Various activities as conducted to get aligned with the road map set for research at AGPIT

Sr No	Event	Sponsored	Date
1.	Start up <u>MahaKumbh</u> , Bharat <u>Mandapam</u> New Delhi	<u>MoE.Under IIC</u> (Around 1lakh)	18 th to 20 th March,2024
2.	Project Demo (for Patenting , <u>Innovation,Startup</u>)from all <u>Depts</u> MSME meet room	---	13/5/2024
3.	Demo of IOT Kit by Dr Y S <u>Rao</u> , <u>SPIT,Mumbai</u> Software Lab ,ETC Dept	One Pilot Kit received	29/6/2024
4.	5- Days <u>Workshsop</u> attended at SPIT	Self sponsored	31/7/24-4/8/2024
5.	Visit to IIRC , JNEC , <u>MGMU,Ch</u> <u>Sambhaji Nagar</u>	AGPIT	2-3 Dec 2024
6.	Boot Camp, <u>Ideathon</u> ,SPIT, (10 Students)	AGPIT	4 th -6 th Dec 2024
7.	<u>TIE.Global</u> summit. (3 Students from <u>Mahakumbh</u> invited with Delegate pass ,Bangalore)	AGPIT	10 th -12 th Dec 2024
8.	Lecture for Basics of Simulation Software ETC students	----	8 th Nov 2024
9.	Lecture for Basics of IOT First Year students (Special activities for inculcating Innovations)	-----	Sessions started on 16 th Dec,2024

Few Glimpses of the events



SPIT visit 8/8/2023
35 Students and 3 faculty members





18th to 20th March 2024 , Bharat Mandapam ,New Delhi



Global Summit
TIE, Bangalore

10-12th Dec 2024 ,Bangalore



Boot Camp SPIT, Mumbai

4th-6th Dec 2024 ,Sardar Patel Institute of Technology. Mumbai

IIRC,JNEC,MGMU,Ch Sambhaji Nagar





2-3rd Dec, JNEC, Ch Sambhaji Nagar ,Maharashtra