



**MAEER's MAHARASHTRA INSTITUTE OF TECHNOLOGY, PUNE
DR. VISHWANATH KARAD
MIT WORLD PEACE UNIVERSITY, PUNE**

**Affinity & Confluence – 2019
26th & 27th April 2019**



**STUDENT CONCLAVE ON
"POLYMER, RUBBER & COMPOSITES: GOING FORWARD"**

**JOINTLY ORGANIZED BY
PSA - DEPARTMENT OF POLYMER ENGINEERING, MIT, PUNE
AND IPI, PUNE CHAPTER**



INDIAN PLASTICS INSTITUTE



POLYMER STUDENTS ASSOCIATION

ABOUT MIT-WPU, PUNE

MIT Pune is now Dr. Vishwanath Karad MIT WORLD PEACE UNIVERSITY, Pune. MIT Pune is a testimony to a rich legacy of over 4 decades in the field of education. Known to be among the top education institutions in India it was established in the year 1983 by Prof. Dr. Vishwanath D. Karad Hon'ble President, MAEER's Group of Institutions which is currently is under the guidance of Prof. Rahul V. Karad, Executive President, MIT-WPU, Pune and is among the first engineering colleges in the private sector in Maharashtra. MIT World Peace University- known as MIT-WPU, is a center for scientific, educational, technological & spiritual development for the youth. We enable our students to face the challenges of the present and the future technical advancements of a fast-changing world by incorporating best of academics, industrial, research and value-based education.

ABOUT POLYMER ENGINEERING DEPARTMENT

Polymer Engineering Department came into existence in 1983 in MIT as a unique branch of engineering upon the advice of well-known scientist Dr. R.A. Mashelkar. It aims at enhancing the quality of engineering education and research in the field of polymer science covering plastics, rubber and composites. It is the only Department offering an Undergraduate and Post Graduate course as well as Research Center in Polymer Engineering with emphasis on materials and processing technology. The department is one of the premier Polymer Engineering Departments in the country with more than 1500 alumni spread all over the globe in various sectors of Polymer Engineering.

MIT-WPU's Department of Polymer Engineering offers:

- 4-year Undergraduate (B. Tech.) and 2-year Masters (M. Tech.) programs delivered by well-qualified faculty utilizing excellent infrastructure.
- Curriculum that caters to the needs of the various segments of the industry including polymer processing, tool design, product design, rubber technology, fiber technology, surface coatings, adhesive and paint technology.
- Excellent industry-institute partnership

ABOUT POLYMER STUDENTS ASSOCIATION

Polymer Student Association (PSA) came into existence almost since the establishment of Department and works mainly for the Students' welfare. PSA was started with the objective to develop a long-term association with the industry and to bridge the gap between theoretical knowledge and practical experience. It facilitates to increase awareness among the students about the advances made in the field of polymer engineering and science and to provide exposure to the upcoming areas of research. It acts as interactive platform which provides students to bring out their talents and skills as well as gives an opportunity to interact with eminent personalities, through organization of various activities such as - Industrial Visits, Guest Lectures, "Affinity and Confluence".

ABOUT INDIAN PLASTICS INSTITUTE

Indian Plastics Institute is a national organization with its head office at Mumbai. IPI has several chapters and Students Chapters at many major cities of India. IPI Pune Chapter was established in the year 1985 at the hands of Mr. A. S. Athaley, Prof. M. V. Joshi and Mr. A. S. Kirloskar at MAEER, MIT. IPI is mainly engaged in disseminating knowledge amongst the plastics industry, R&D organization and educational institutes by way of conducting seminars, conferences, courses and bringing out publications. The IPI Pune Chapter has been actively engaged in many activities over the past 35 years. Major events were the Silver Jubilee Seminar on Speciality Polymers held in June 2010, Jayvee Organics Endowment Lecture 2010, XPro India Endowment lecture 2012 DuPont sponsored Seminar on Engineering Plastics, Chemplast Endowment lecture 2019 on Digital way for Waste Management.

AFFINITY AND CONFLUENCE

Affinity and Confluence is a national level meet of polymer engineering students organized since 2003 by PSA, under the aegis of Department of Polymer Engineering, MIT, where various institutes from all over the country participate. While Affinity is a National Level technical paper presentation symposium, Confluence is an Industry- Academic Interaction meet. During this event, delegates from industry, academia and research organizations gather to discuss current issues, market scenario, entrepreneurial trends and potential developments in the field of polymers. Students from various renowned institutes from different parts of the country participate in the paper presentation competition. Over a period of several years this event has strengthened our bond with polymer fraternity across the country.

Our alumni base has spread all over the world and is catering to the needs of polymer industry for the past thirty years at various key positions. This event is an opportunity to develop a strong network between us for mutual benefits. Looking into the merits, this event is supported by various well-known industries.

EVENTS AT AFFINITY AND CONFLUENCE- 2019

The Polymer Engineering Department of MAEER's Maharashtra Institute of Technology (MIT), Pune, IPI Pune Chapter and All India Rubber Industries Association are organizing two-day event named Affinity and Confluence-2019 on "**26th and 27th April 2019**". The main theme this time is "**POLYMER, RUBBER & COMPOSITES: GOING FORWARD**". The theme covers all aspects of plastics, rubber and composites such as materials, production, design and application. A separate exclusive session is planned which gives emphasis to Environmental Impact and Industry-Institute-Society interaction for solving the current issues on pollution. This would help the industry, government agencies, plastic traders and users to alleviate the problems and evolve an all win solution.

- **Paper & Poster Presentation**
- **Scrap Heap challenge**
- **Quiz-O-Mania**
- **PRC Lectures**
- **Silver Jubilee Alumni Meet (1993-94 Batch)**
- **Sports**

HOW TO PARTICIPATE

- The event is scheduled on **26th & 27th April 2019**.
- Students from Engineering or Science background are eligible to participate.
- For more information on registration, details of event and topics for paper & poster presentation please visit our website www.mitpune.com and www.affinity.net.in.
- For any queries please contact PSA coordinators mentioned overleaf.
- Please send your entries on **affinity2019prc@gmail.com**.
- Last date for abstract submission: **18th April 2019**.
- Last date for abstract acceptance: **20th April 2019**.

OVERVIEW

- Approximately 1500 students of Polymer Engineering passed out since 1986.
- Most of our successful students have settled abroad at places like USA, UK, Australia, Germany, Japan, etc.
- Majority of our students work in various industries, research organizations and have also proved to be successful entrepreneurs.

MAJOR RECRUITERS



OUR PREVIOUS SPONSORS...



PATRONS

<p>Prof. Dr. Vishwanath D. Karad Founder President MAEER MIT</p>	<p>Mr. Rahul V. Karad Executive Vice President MAEER Institutes</p>
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**FOR FURTHER INFORMATION,
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