

Information Brochure

Dynamech'19 Club



An Initiative taken by Department of Mechanical Engineering

Faculty of Engineering &
Technology

Manav Rachna International
Institute of Research & Studies,
Faridabad

Manav Rachna Educational Institutions (MREI) founded in 1997, has grown to become one of the best educational entities in the country and is recognized for excellence in professional education and research. A brainchild of the Founder Visionary Late Dr O.P. Bhalla, a renowned educationist and philanthropist, MREI now encompasses a group of many vibrant, world class institutions. Taking his vision further, the Department of Mechanical Engineering, Faculty of Engineering and Technology, MRIIRS has always remained dynamic since 1997 to develop the department into an advance center of learning by synergizing teaching, learning and research. The aim of the department is to produce competent Mechanical Engineers with an exposure to interdisciplinary engineering knowledge. In this direction, Department of Mechanical Engineering, FET has initiated the Dynamech-19 Club.

Activities under the club:

1. **Student Personal Skill Development:** The club aims impart the skills like Team-Work, Presenting Skills, and Competitive Skills by taking them forward as participant in various Institutional/National/International Level Students. The club also motivates the students to come forward and organize the events for other fellow members.
2. **Student Participation in CSR Activity** To salute the spirit of the legendary visionary, Manav Rachna Educational Institutions (MREI) has formed the Dr. O.P Bhalla Foundation Trust (registered trust under section 12-A). It was registered on 11th April, 2014. Mrs. Satya Bhalla, the chairperson of the Foundation envisioned that the foundation should fulfil the dreams of nation building and should concentrate on the development and upliftment of the underprivileged and marginalized section of the society. The foundation is a registered trust with philanthropy as its sole objective. The Foundation is committed to work towards Dr. O.P Bhalla's ideals of nation building. It aims to undertake developmental activities, research and training in various fields, such as education, sustainable development and environmental protection, gender equality, health and well being etc. Through its sustained efforts, the foundation has already initiated work to strengthen education systems, responding to global challenges through transformative education. Special onus has been placed on protecting and

reviving our rich cultural and natural heritage. Specifically, for the needs of the youth in India, the foundation is working for training and capacity building of people. This will help in attaining employment opportunities. For the betterment of our society, it is essential to protect our environment. In this domain, the foundation is undertaking various activities for energy conservation, creating awareness about green energy etc. The foundation envisages bringing about change in the society through incremental articulated steps.

3. **Student Participation in Cultural/Sports Activities:** Sports Academy is an unparalleled sports experience which offers sports to an enthusiast who believes in taking their sporting experience to a brand new level. Manav Rachna Group always with students whether they are newcomer to the world of sports or if they want to enhance their sporting skills, Sports Department has all options open. Within Manav Rachna Premises, we have world-class infrastructure for games like Badminton, Shooting, Table tennis, Chess, Cricket, Volleyball, Basketball and the best trained teachers. In cultural activity, Department of Student Welfare along with Manav Rachna Life Skill Program (Four Clans i.e. Forest Rhino, Water-Sharks, Air Falcons and Wildcats) help and support the students to perform on both the national and international stages. Youth fest in the month of October every year attracts more than 1000 participants in the various shows/performances from the Pan India Higher educational Institutions.
4. **Running student chapters of reputed institution:** As we all are aware that globalization of business entities results in increasing the export and import of resources from one nation to other. The networking is the important aspect to meet the inter/intra business activities. To build the strong network department proposed the student chapters of following institutions of repute:
 - a. **IEI Student Chapter:** The Institution of Engineers (India) [IEI] is a statutory body to promote and advance the engineering and technology, established in 1920 and incorporated by Royal Charter in 1935. It is the largest multi-disciplinary professional body of engineers encompassing 15 (fifteen) engineering disciplines with a membership of more than 820 thousand, and serving

the nation for more than 9 decades. The IEI has its headquarters located in Kolkata with national presence through more than hundred Centers and several Overseas Chapters, Forms and Organ.

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- b. **ISHRAE Student Chapter:** The Indian Society of Heating, Refrigerating and Air Conditioning Engineers (ISHRAE) were established to promote the HVAC industry in India. ISHRAE is an associate of ASHRAE. ISHRAE was started at Delhi in 1981 and a chapter was started in Bangalore in 1989. The purpose of an ISHRAE student chapter is to get more students interested, concerned, and involved in pursuing a career in the field of heating, ventilating, air conditioning and refrigeration. ISHRAE student chapter activities are administered by students as elected officers which provide students with an experience that simulates running a business or an organization. As a student officer, you'll "set yourself apart from the pack" and increase your visibility to recruiters. By networking with your local ISHRAE Chapter, you will have an opportunity to meet practicing engineers in the HVAC industry.

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- c. **QCFI Student Chapter:** QCFI is recognized as the institution representing 'The Quality Circle Movement in India' and has represented the country in several international forums. The organization has successfully implemented Quality concepts under the TQM umbrella across several industry verticals that have experienced a phenomenal enhancement of their work processes and productivity after implementation of Quality Concept Tools. QCFI represents India in the 13 nation International Committee that has been set up for organizing International conventions on Quality Concept Circle, annually. To date, QCFI has organized three International conventions in India. In addition, chapter convention and National convention are held every year where members present case studies and technical papers are discussed by leading Quality Concept Practitioners.

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- d. **AMSI Student Chapter:** Additive Manufacturing Society of India (AMSI) is a non-profit organization. The objective of the society is to serve the design, research and development organizations, manufacturing professionals and academics in additive manufacturing technologies. AMSI embraces the complete Additive Manufacturing technology cycle from concept to design, prototype development in to manufacturing.

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- e. **SAE Student Chapter:** Collegiate Chapters are a way for SAE International Student Members to get together on their campus and develop skills in a student run and elected environment. Student members are vital to the continued success and future of SAE and Collegiate Chapters on campus are a great way to develop valuable skills.

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- f. **IIF Student Chapter:** The Institute of Indian Foundrymen (IIF) was setup in 1950 to promote education, research, training and development in Indian Foundrymen and to serve as a nodal point of reference between customers and suppliers of the Indian foundry industry on a global scale with its Head Quarters in Kolkata. IIF presently serves the entire country through its 27 chapters under four regional offices located at Kolkata, Delhi, Mumbai and Chennai.

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Benefits of these chapters: The courses offered to you will teach you the engineering knowledge that you need. In addition to that participation in any of student chapter can develop or enhance other important skills, including: leadership, time management, project management, communications, organization, planning, delegation, budgeting and finance etc.

Professional Societies Chapters provide the valuable service to students, including:

- Increasing the technical knowledge of members through Chapter or Section meetings and guest speakers through the Industrial Lecture Series

- Providing a forum to discuss industry issues and trends
- Creating opportunities to network with faculty and industry professionals
- Developing a camaraderie with other students and your Faculty Advisor
- Dues reimbursements to use for your Chapter Programming
- Encouraging grade school students to develop an interest in science and math by volunteering the technical programs.

For Further Query:

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