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 fulfill 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, Shoting, 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 Rhyno, 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.
Department Faculty Coordinator:
Dr. Rajender Kumar
(rajender_fet@mriu.edu.in;
9466239008)
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.
Department Faculty Coordinator: Mr.
Joydeep Chakorberry
(joydeep_fet@mriu.edu.in;
9810630765)
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.
Department Faculty Coordinator: Dr.
Rajender Kumar
(rajender_fet@mriu.edu.in;
9466239008)
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.
Department Faculty Coordinator:
Dr. Manu Srivastava
(manu_fet@mriu.edu.in; 9818614959)
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.
Department Faculty Coordinator: Dr.
Abhishek
(abhishek_fet@mriu.edu.in;
9810332810)
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.
Department Faculty Coordinator:
Dr. Manoj Nayak
(manojnayak_fet@mriu.edu.in;
9871091400)
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

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