

ABOUT NIT JALANDHAR

Dr. B. R. Ambedkar National Institute of Technology, Jalandhar (erstwhile REC Jalandhar), was established in the year 1987 and attained the status of National Institute of Technology on October 17, 2002. As National Institute of Technology, the Institute has a responsibility of providing high quality technical education in Engineering and Technology to produce competent technical manpower for the country. The Institute offers B. Tech. Programme in nine disciplines of Engineering and Technology along with the Research Programmes leading to M. Tech. and Ph. D. degree. As per the survey conducted by DQ CMR Best Technical School in 2018, the institute has been ranked 18th amongst all engineering colleges in India. As per NIRF ranking by MHRD, the institute stood at 74th rank in 2018. The institute has also signed a Memorandum of Understanding (MoU) with many prestigious institutes such as “EMC information Systems International External Research & Academic Alliance Program, Ireland”, “The University of Bolton, U.K.” for the mutual academic exchange program and further strengthening the academic aspects.

ABOUT THE DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering is a creative discipline that grows upon a number of basic and optimizes the devices, machines processes and systems that involve mechanical forces, work and energy. It is one of the most diverse fields of engineering influencing almost all aspects of our life.

Mechanical Engineering is amongst one of the early branches of engineering started in the institute. It came into existence in 1992. Quality teaching is what we aim at to stimulate intellectual curiosity, creativity and innovativeness. With a dedicated team consisting of highly qualified and experienced faculty members in all streams of Mechanical Engineering, the department aims at providing education and research of world class level.

The department is enriched with 21 faculty members, majority of whom hold doctoral degrees. Apart from B.Tech., the department has 28 seats of M.Tech. (Mechanical Engg.) in full time and part time. The department has awarded 7 PhDs in the diversified fields of Mechanical Engineering as well as 22 research scholars are already enrolled on full/part time basis for the doctoral programme.

The department has an excellent placement record and many of our alumni are holding top positions in government and private sectors.

LOCATION

The Institute is located at a distance of 12 km from Jalandhar Bus Stand, 10 km from Jalandhar City Railway Station and 16 km from Jalandhar Cantt. Railway Station. The city has major road and rail connection, is a market for agricultural products and manufactures including textiles, leather goods, wood products and sports goods. Jalandhar is an important station in Amritsar - New Delhi railway route. Jalandhar is situated 150 kms from Chandigarh and 60 kms from Ludhiana.

OBJECTIVES

Internal Combustion Engines are presently being fuelled by petroleum based fuels, which are depleting day by day. Secondly, the problem of engine emissions is also very significant. Solution to these twin problems is only to go for alternate fuels in order to be self sustained in this field. This course is aimed to discuss the issues relating to engine performance with alternate fuels, availability of alternate fuels, production techniques, economical aspect of alternate fuels, emissions from alternate fuels in contrast with conventional fuels, engine design aspects involved in making them adaptive to alternate fuels, storage and handling of alternate fuels especially in automobiles.

*One Week Short Term Course
(Under TEQIP III)
on*

IC Engine Fuels & Combustion Technologies (ICEFCT-19)

(March 20-24, 2019)

Organized by



**Dr. B.R. Ambedkar National Institute of
Technology Jalandhar, Punjab**

www.nitj.ac.in

In association with

**Govt. Women Engineering College Ajmer
Rajasthan**

www.gweca.ac.in

**Dr. Sarbjot Singh Sandhu and Dr. Ranchan
Chauhan**

**Department of Mechanical Engineering
Dr. B.R. Ambedkar National Institute of
Technology, Jalandhar**

Dr. Jai Gopal Gupta

**Department of Mechanical Engineering
Govt. Women Engineering College Ajmer
Rajasthan**

RESOURCE PERSONS

The Resource Persons for the course will be the experienced personnel from teaching, education, research and consultancy organizations, field and industry such as IITs, NITs, DST, CSIR etc.

PARTICIPANTS

A faculty of an engineering or technical institution (approved by AICTE) and Research scholars can attend the course. Only limited number of seats are available. The interested person needs to apply to any of the coordinators of the course in the prescribed performa by due date through proper channel.

REGISTRATION

There is no registration fee for participants. The registration process will be completed only when the registration form is received, however, the candidates may send an advance copy directly through email, post or by hand. Please send the duly filled prescribed performa for registration to any of the Coordinators latest by 08-03-2019.

ACCOMODATION

A limited number of rooms with shared accommodation in Hostels are available in NIT Jalandhar. Accommodation will be arranged on request on first come first serve basis to the participants from academic institutes only.

For Participation, Register with

Dr. Sarbjot Singh Sandhu

Asstt. Prof. Department of Mechanical Engineering
Jalandhar – 144 011, Punjab. Fax: 0181-2690320, 932,
Mob.: 99888 92511, Email: icefct2019@gmail.com

ORGANIZING COMMITTEE

Chief Patron

Prof. (Dr.) L.K. Awasthi
Director, B.R. Ambedkar National Institute of
Technology, Jalandhar

Patron
Prof. (Dr.) Ranjan Maheshwari, Principal, Govt.
Women Engineering College, Ajmer

Co-Patron

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HoD, Associate Professor
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Ambedkar National Institute of Technology, Jalandhar

Coordinator (Mentor Institute)

Dr. Sarbjot Singh Sandhu
Assistant Professor, Department of Mechanical
Engineering, Dr. B.R. Ambedkar National Institute of
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Course Coordinator (Mentor Institute)

Dr. Ranchan Chauhan, Assistant Professor,
Department of Mechanical Engineering, Dr. B.R.
Ambedkar National Institute of Technology, Jalandhar

Coordinator (Mentee Institute)

Dr. Jai Gopal Gupta
HoD and Assistant Professor
Department of Mechanical Engineering
Govt. Women Engineering College, Ajmer

Govt. Women Engineering College Ajmer Rajasthan holds the privilege of being first Government Engineering College for Women in the North India. Established in April, 2007. With 2500 students in various bachelor and masters courses, the college is acting as a pedestal to explore the hidden talent for technical and managerial excellence. The college is located on NH-79 and is easily accessible through rail and road. The nearest airport is at Jaipur. Ajmer is the heart of the royal state of Rajasthan, situated in the South West of Jaipur and wrapped through the greens of Arravali hills. Ajmer houses the pushkar Teerth and tomb of 13th century Sufi Saint Khwaja Moinuddin Chisti, which are uniformly valued by all.

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REGISTRATION FORM

Name:
(in capital letters)
Designation:
Department:
Organization:
Address:
.....
Tel/Fax:
Email:
Accommodation: Required/Not required
Signature with Date:

SPONSORSHIP CERTIFICATE

The applicant is hereby sponsored and will be permitted to attend the above Short Term Course, if selected.

Date:

Signature and Seal
of the sponsoring authority