



13 YEARS
OF EXCELLENCE



Approved by AICTE & Affiliated to RTU, BTER
AN ISO 9001: 2015 CERTIFIED ENGINEERING COLLEGE

Mechanical Engineering Department



News Letter
Mechanical Mirror
Published on
January 2020

VOLUME II,
ISSUE I

Vision

Towards a Global Knowledge Hub, striving continuously in pursuit of excellence in Mechanical Engineering Education, Entrepreneurship and Innovation

Mission

- To impart total quality education through effective hi-tech teaching-learning techniques and department-industries collaboration.
- To mold the young dynamic potential minds to emerge as full-fledged future professionals so as to achieve top ten ranking status in the national level.
- To achieve international standards to fulfill the Government's "Make In India" industrial policy through innovation and research.

Program Specific Outcomes (PSO's)

PSO1: Ability to challenge the start of an accessible business and address the complex technical issues identified in designing, heat, and creating related businesses with the target device.

PSO2: Ability to directly analyze and recover actual situations related to design using calculation methods and tools. You can work freely under research and mechanical conditions.

PSO3: The ability to intelligently incorporate information received both verbal and compound.

Message from Director



Dr. Hemant Dhabhai
Director, Aravali Institute of Technical Studies

Mechanical engineering is one of the oldest and broadest engineering disciplines, and plays a significant role in enhancing safety, economic vitality, enjoyment and overall quality of life throughout the world. A prerequisite for development is growth and that is directly related to production or output of a country. If production is done via a sustainable path, it can maintain the sustainability of development.

I am glad to know that the Department of Mechanical Engineering of AITS is bringing out a monthly Newsletter. The college is proud of the achievements of the students and staff of the department and bringing out this Newsletter. I wish all success for the Newsletter and hope they carry forward the vigor and dedication for bringing out the future volumes of Newsletter.

EDITOR DESK



Gourav Purohit
ADSW, Aravali Institute of Technical Studies

It gives me an immense pleasure to introduce **Mechanical Mirror** Newsletter of Mechanical Engineering. This newsletter will help our department stay connected to a given community. As we offer students a regular dose of department-related news and information, we are also giving them another way to contact department and to keep in touch with it. Even as students or faculty graduate and alumni, they will likely stay in contact with the newsletter, thereby preserving the relationship they have with the department.

Message from HOD

The Mechanical Engineering Department was established in the year 1990 with an intake capacity of 60 students per year in Diploma and B.tech Program. A separate building having Top floor is available for department. In addition to this a separate building for workshop is also available opposite to the mechanical building. The faculty members are highly qualified and experienced.

During the course of the study, the students are imparted theoretical and practical knowledge in the various aspects of Mechanical Engineering at diploma level. In addition they are also exposed to industrial environment through industrial visits and industrial trainings/internship. Our institute has Various Clubs Activities in which the students are trained for social service and community development activities .Sports facilities are also available in our institute through which the students are trained in physical education and activities.

It is heartening to note the all the students passing out of our department are successfully place in various nearby industries as well as pursuing higher technical studies bringing a good name to the institution in the region.

Mr. Gourav Purohit

Professor and Head Department of Mechanical Engineering

INDEPENDENCE DAY Celebration

Date: 15 th August , 2019

Flag hosting By : Mr. O.P. Agrawal



SEMINAR: PRODUCTION & MANUFACTURING OF CEMENT & CONCRETE

Date: 13 th September, 2019

Key Note Speaker: Mr. Salil Jain

Udaipur Cement Works Limited, (formerly known as `J.K.
Udaipur Udyog Limited')



SEMINAR: EXPECTATION OF CORPORATE SECTOR FROM FRESHER'S

Date: 17 th September, 2019

Key Note Speaker: Mr. Kishor Sharma & Mr. Akhilesh Sharma
(Alumni, IIM)



INDUSTRIAL VISIT: DANIK NAVJYOTI PRESS

Date: 20 th September, 2019

Key Note Speaker: Dr. Brij Mohan Goyal, AGM (Dainik Navjyoti
Printing Press, Udaipur)



BLOOD DONATION CAMP
IN ASSOCIATION WITH SRAJAN THE SPARK CLUB
25 September 2019



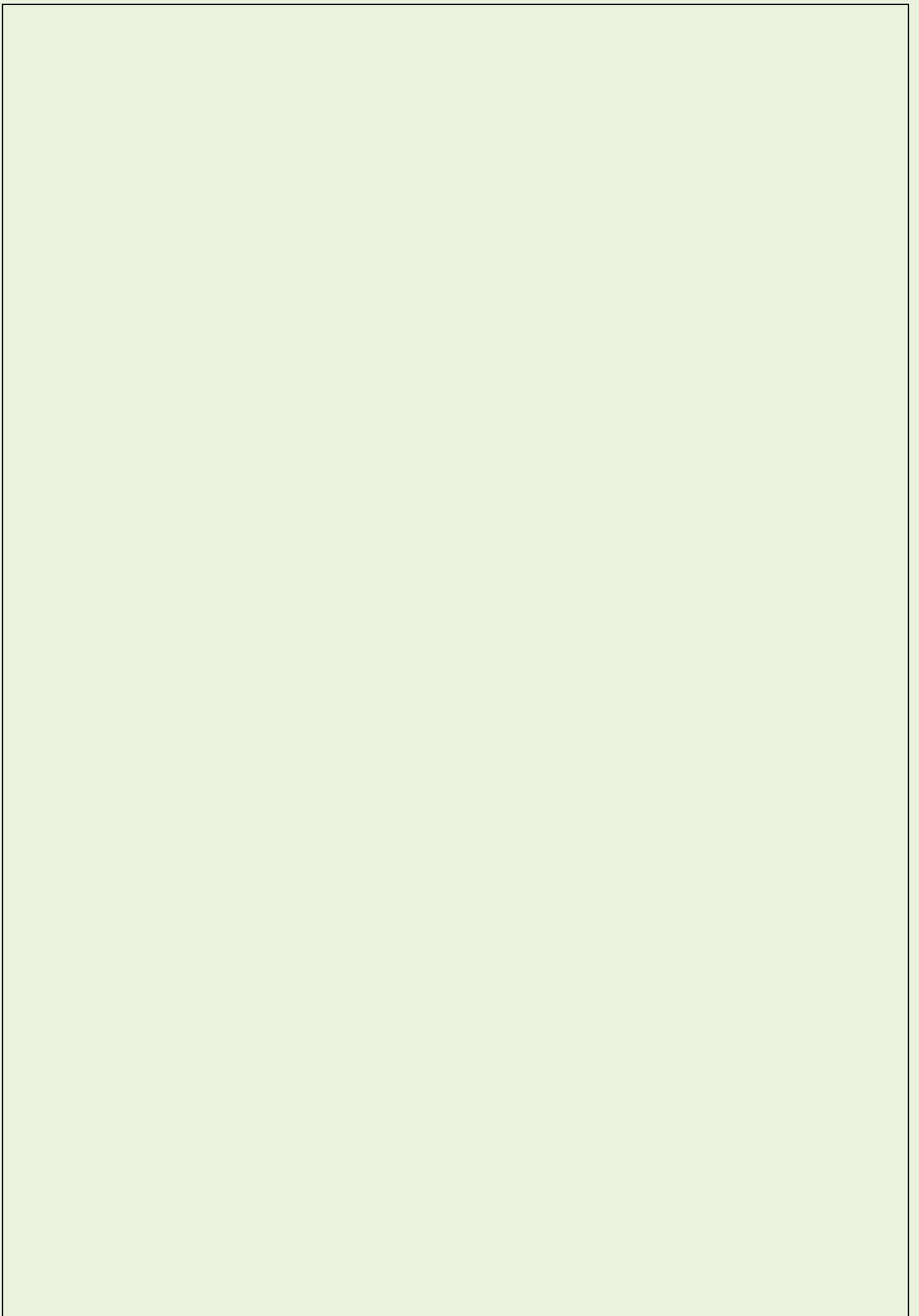


One-day workshop for the “Minority Scholarship Process”

Date: 15 th October, 2019

Key Note Speaker: Md. Salim Shekh, District Welfare Officer,
(Udaipur)





FDP: STRESS MANAGEMENT

Date: 04 th November, 2019

Key Note Speaker: Dr. Anand Gupta, General Secretary (Indian Medical Association)



INDUSTRIAL VISIT: ZONAL RAILWAY TRAINING INSTITUTE, UDAIPUR

Date of Visit: 14 th November 2019



INDUSTRIAL VISIT: RRVUNL BANSWARA

Date of Visit: 25 th November 2019



**VISIT @STARTUP EXHIBITION ISTART ORGANIZED BY THE
RAJASTHAN INNOVATION AND STARTUP EXPO (RISE) IN
JAIPUR**

Date of Visit: 19 th December 2019



Vision:

Tomorrow will take care of itself if one does an excellent job today. To nurture and develop talent, blended with values and technology to strengthen the technical manpower of the nation.

Mission:

- Impart quality education along with industrial exposure.
- To provide industry interface for faculty and students to work on projects with end goal of real time knowledge.
- Enhancing the quality of life through sustainable development.
- To continuous development of infrastructure and enhance state-of-the-art equipment to provide our students a technology up-to-date and intellectually inspiring environment of learning, research, creativity, innovation and professional activity and provide ethical and moral values.



ARAVALI
INSTITUTE OF TECHNICAL STUDIES

Disclaimer : All information published in this newsletter is based on events and reports that took place at Aravali Institute of Technical Studies. Errors, if any, are purely unintentional and readers are requested to communicate such errors to authorities.