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Department of Civil Engineering



Newsletter

VOLUME III ISSUE I



ACADEMIC YEAR 2019-20

Vision

To establish a center of learning for providing a quality based engineering education to the students from the urban and rural area and services to the professional and the community; and to produce innovative civil engineers.

Mission

- To serve the civil aspirants from all over the country by providing a broad and high quality education for a successful professional career.
- To promote quality education, research and consultancy for industrial and societal needs.
- To conduct strong basic and applied research.

Program Specific Outcomes (PSO's)

PSO1: Graduates will be able to apply technical skills and modern engineering tools for civil engineering day to day practice.

PSO2: Graduates will be able to participate in critical thinking and problem solving of civil engineering field that requires analytical and design requirements.

PSO3: Graduates will be able to pursue of lifelong learning and professional development to face the challenging and emerging needs of our society.

Message from HOD

On behalf of all our faculty, staff and students, I would like to welcome you to the Civil Engineering Department of Aravali Institute Of Technical Studies, Udaipur. Civil engineers are always at work to build the safe and stable habitat for the mankind. As a Head of the department, I am extremely proud of our role in providing high quality education and hands-on experience to our students. Right from its inception in 2012, the Civil Engineering Department has earned tremendous reputation for qualitative teaching-learning process, meaningful teacher-student interactions, state-of-the-art laboratories and well qualified faculty; positively contributing to the community through teaching, research and consultancy activities. Students enjoy the regular industrial visits based on their curriculum and scope of the study. Our department is constantly working towards all-round skill development of our students by organizing guest lectures, seminars, workshops, conferences and career service events facilitated by national and international experts. With a well-planned mission and untiring efforts of our highly committed faculty, staff and students, the department is striving hard to achieve its vision of becoming a center of excellence in the field of technical education and research.



An Exhibition Visit on "Nirmaan Expo"

Date: 21st September, 2019

Coordinators: Mr. Sachin Sharma & Mr. Imran Khan

(Assistant Professor, CE, AITS)





An Educational Visit to "Geological Museum, Department of Geology, Mohan Lal Sukhadia University, Udaipur"

Date: 20th September, 2019
Coordinator: Dr. Anju Sharma

(Associate Professor, CE, AITS)





Training on

"AutoCAD, Revit Architecture & Etabs"

Date: 19th – 27th September, 2019

Keynote Speaker: Mr. Abhas Tawa



A Seminar on

"Production& Manufacturing of Cement & Concrete"

Date: 13th September, 2019

Keynote Speaker: Mr. Salil Jain

(Udaipur Cement Works Limited)



ORIENTATION DAY

Date: 02nd August, 2019





IX CONVOCATION RTU

Date: 19th August, 2019









Bullet Trains in India: In September 2017, Prime Minister Narendra Modi and his Japanese counterpart Shinzo Abe laid the foundation stone of the ambitious bullet train project – connecting Mumbai with Ahmadabad.

What are Bullet Trains?

- The **Shinkansen high-speed trains of Japan** are colloquially called as bullet trains for their appearance and speed.
- ◆ It is a term generally used to describe a high-speed train of speeds above 250 kmph.

India's first bullet train will run in the **Mumbai and Ahmedabad high-speed rail corridor**, whose construction began in September 2017.

It is a 508 km long high-speed rail corridor building with the help of Japan.

The train will run at a speed of **320kmph** and is expected to be completed by 2022.

The 2009–2010 Rail Budget of India introduced the Mumbai–Ahmedabad corridor and 5 other high-speed rail corridors for a feasibility study.

Finance and Technology

- India currently does not have the indigenous high-speed rail technology.
- The technology is provided by Japan and also 81% of the project cost is financed by Japan at an interest of 0.01% for 50 yrs.

Sakshi Somani B.Tech. Final Year CE, AITS





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.



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.