

BROCHURE

2021-22



About The Institute

Aravali Institute of Technical Studies, established in 2008, is an ISO9001: 2015 certified Engineering College that is committed to providing the best teaching, the best training, best placements, and best infrastructure for technical education viz. B.Tech. , M.Tech., MCA & Diploma (Engineering).

It is approved by AICTE, Govt. of India and Affiliated to Rajasthan Technical University, Kota (Raj). The Institution has Excellent imposing buildings with spacious Class Rooms, Highly Qualified and Experienced Faculties, Laboratories with the State of the Art equipment and other Excellent Infrastructure Facility.

since the inception of the institute, Aravali Institute of technical studies is different, ur students have been different, so our faculty. Our academic strength and outlook on our teaching and learning. The unique difference being that Aravali has been managed passionate academicians with the sole mission of making each and every student “Industry Ready”.

This difference has been acknowledged by students, parents and alumni, government, and industries since the inception of the institute. The contribution of Aravali Institute of Technical Studies in the field of technical education has not only been recognized at the state level but also at the national level too which speaks volumes about our strong academic heritage. The highly committed faculties and extensive industrial collaborations, great international connection, and state of art campus facilities.



Institute 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.

Institute 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.

Quality Policy

We at Aravali Institute of Technical Studies, dedicate and commit ourselves to accomplish and sustain our Mission and Vision of AITS through the synergy of knowledge ,skill expertise ,Hard work and Co-operation of AITS Team of Faculty Members, Supporting staff ,our Alumni members ,students and members of our college management by continuous improvement.

Management Desk



***MR. OM PRAKASH AGRAWAL
PATRON***

***MRS. RUKMANI AGRAWAL
CHAIRPERSON***



***MR. AMIT AGRAWAL
FINANCE SECRETARY***

***MR. N. L. KHETAN
SECRETARY***



DIRECTOR MESSAGE

In the new knowledge age, intellectual competitiveness is essential for achieving the status of a leader. For this, quality education, more so with a lot practical orientation is of paramount importance. Engineering education involves a lot of conceptual approach along with clear fundamentals & coupled with a good practical understanding to deal with real world problems effectively and efficiently.

Since its inception, the institute has not only grown up in its infrastructure but has also developed a lot in terms of academics and laboratories. A well-balanced curriculum, taught by qualified, skilled, and experienced faculty develops the required skills in students necessary to meet tomorrow's applications. We are in a continuous process of making our laboratories well equipped to meet the demands of the rapidly changing related engineering fields. We look forward to welcoming you to this academic community here at AITS, Udaipur. Best wishes to our students It's my personal belief that if good quality education is imparted to the students, it is assured that they will get great success in their lives and will be placed in the top firms of the world. To facilitate this, the Aravali Institute of Technical Studies has been established with quality infrastructure and highly renowned faculty. The highly motivated youngsters on the campus are a constant source of pride.

Dr. Hemant Dhabhai
Director, AITS



About The Department

This is one of the oldest branches of engineering and also referred as Mother of all Engineering Branch. Civil engineering department was introduced in 2012. These are professional practice of designing and developing infrastructure projects. Civil engineers are concerned with designing, building and maintaining man-made products and constructions. This can include Highway, bridges, canals, dams, refinery pipelines, reservoir, airport, tunnels, buildings, and more at both small/ Local scales to huge-scaled projects. Civil engineers have a vital role in building the infrastructure for communities as well as developing new real estate and maintaining existing residential, commercial, or government buildings. They ensure that every road, bridge, airport, office building, water supply and sewage plant, and mass transit system is well-planned and executed. Management skills, teamwork and communication skills are particularly important because of the large-scale nature of much of the work that they do. Civil Engineering professionals have wider career opportunities and in the developing world the demand of qualified civil engineers is increasing.



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.

Dr. Anju Sharma
HOD, CE



Department 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.

Department 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.

Courses Offered

Degree/Diploma	Specialization	Intake	Duration of course
B. Tech.	Civil Engineering	60	4 years
Polytechnic Diploma	Civil Engineering	60	3 years

B.Tech./Diploma in Civil Engineering is a traditional field of engineering and deals with the study of designing and structuring of buildings, bridges, roads, dams, etc. If pursued from a recognized college, civil engineering can offer some of the most lucrative jobs in the technology sector.

KEY FEATURES:

- *Highly experienced & qualified faculties from reputed institutions.*
- *Lecture halls equipped with smart board/projectors.*
- *Well equipped laboratories with modern facilities.*
- *Departmental Library & Research Lab.*
- *Special classes for employability & skill development training program for students.*
- *Free GATE classes.*
- *Regular workshop and webinars with Industry professionals to equip the students to be industry ready.*
- *Collaboration with Industries.*
- *Expert talks & site visit.*
- *R&D and consultancy projects from Government agencies, reputed Corporate and other private institutes and organizations.*
- *Mentoring for students.*

LABORATORIES

***Concrete Technology
Lab***

Material Testing Lab

Surveying Lab

***Engineering
Geology Lab***

Fluid Mechanics Lab

***Geotechnical
Engineering Lab***

Facilities & Services:

Cutting-edge laboratories & facilities Students have access to every facility in the form of well-equipped labs, which serve to the students and faculty to carry out the academic course experiments, research work, Project based research, R&D and consultancy work.

An illustration of laboratory glassware, including a tall graduated cylinder, a round-bottom flask, and a beaker, all containing orange liquid. The word "LABORATORY" is written in large, bold, orange capital letters across the middle of the illustration.

LABORATORY



Department Faculties

S.No.	Faculty Name	Designation
1.	Prof. (Dr.) Anju Sharma	Professor & HOD
2.	Prof. (Dr.) B. S. Singhwi	Professor
3.	Mr. Sachin Sharma	Assistant Professor/ IQAC Coordinator
4.	Mr. Ravi Goutam	Assistant Professor
5.	Mr. Neeraj Kumar	Assistant Professor
6.	Mr. Basant Bansal	Assistant Professor
7.	Mr. Imran Khan	Assistant Professor
8.	Mr. Milan Surana	Assistant Professor
9.	Mr. Siddharth Dhabhai	Assistant Professor
10.	Mr. Aman Gill	Assistant Professor
11.	Mr. Devendra Ameta	Assistant Professor
12.	Mr. Mahendra Kumawat	Assistant Professor

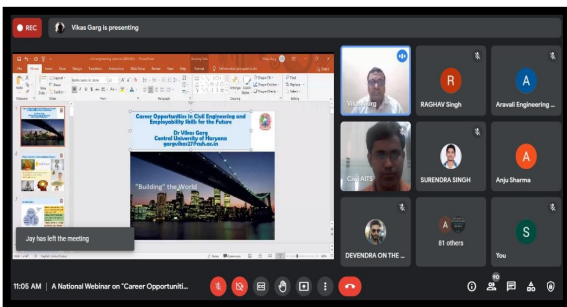
Glimpses of Department



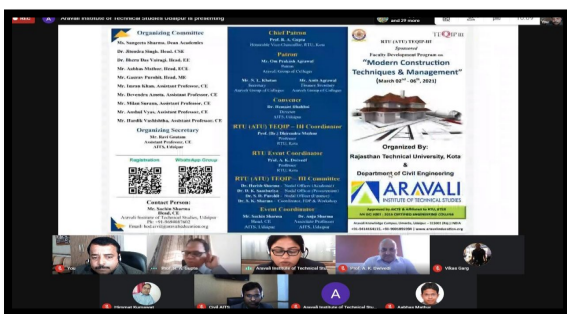
**Industrial Visit to
Udaipur Cement Works Limited,
Dabok**



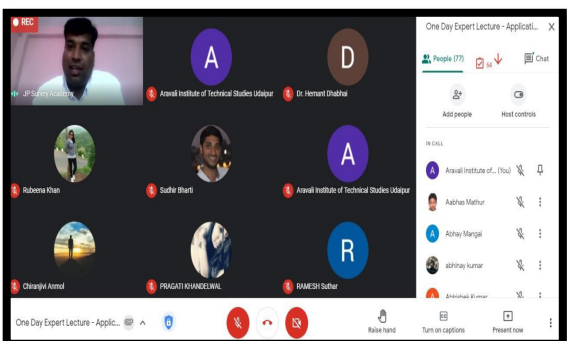
**Educational Visit To
NEXKNOS-2021**



**A National Webinar on
“Career Opportunities in Civil
Engineering and Employability Skills
for the Future”**



**Faculty Development Program on
“Modern Construction Techniques
and Management”**



**Expert Lecture on
“Application of Remote Sensing &
GIS in Civil Engineering”**

Glimpses of Department



**INAUGURATION OF SARASWATI
TEMPLE**



**INDEPENDENCE DAY
CELEBRATION**



**REPUBLIC DAY
CELEBRATION**



VOLLEYBALL TOURNAMENT-2021



**BASANT PANCHAMI
CELEBRATION**

Student Projects



Student Projects



Student Projects





ARAVALI
INSTITUTE OF TECHNICAL STUDIES

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

Campus – Aravali Knowledge Campus, Umarda, Udaipur
313001