



Bikaner Technical University, Bikaner

(State Government Technical vide Act No. 29/2017)

University College of Engineering & Technology, Bikaner



**DEPARTMENT OF HUMANITIES,
ENGLISH & APPLIED SCIENCES
(HEAS)**

DEPARTMENT OF HUMANITIES, ENGLISH & APPLIED SCIENCES (HEAS)

The Humanities, English & Applied Sciences Department (HEAS) equips first-year students with fundamentals in the applied sciences, basic engineering courses and subjects in the domain of communication skills & humanities. Courses such as Applied Physics, Applied Chemistry, Engineering Mathematics and Communication Skills are an integral part of the engineering curriculum and a prerequisite for the domain knowledge in specialized branches. The Applied Mathematics course prepares students for mathematical concepts and applications in higher semesters. Courses in Communication Skills & Ethics help familiarize students with corporate, social and ethical practices, making them meaningful contributors of knowledge to society. Apart from orienting students to the needs and demands of the engineering course, the department helps them adjust to the hectic schedule by creating a student-friendly and conducive atmosphere.

DEPARTMENT OBJECTIVES

- To strengthen the fundamentals in Applied Sciences, Mathematics and Basic Engineering.
- To develop the ability to communicate effectively as technical professionals.
- To provide an environment for working effectively in groups.
- To sensitise students to environmental and ethical issues.
- To create a good base for further engineering education.

MATHEMATICS



Dr. Mukesh M. Joshi
(Associate Professor)
Ph.D.

Area of Interest- Special Functions and
Integral Transform
15 Research Publications



Dr. Rakesh Parmar
(Assistant Professor)
Ph.D.

Area of Interest- Special Functions,
Integral Transform and Fractional
Transform
70 Research Publications



Dr. Deepak Bansal
(Assistant Professor)
Ph.D.

Area of Interest- Geometric Function
Theory
37 Research Publications



Dr. Narendra Singh Solanki
(Assistant Professor)
Ph.D.

Area of Interest- Boundary value
problem of Engineering Mathematics,
Special Functions and Integral Transform
35 Research Publications



Mr. Deepak Kumar Mewara
(Assistant Professor)
M.Sc. Mathematics

Area of interest- Linear Algebra and
Differential Equation

CHEMISTRY



Dr. Satish Kumar Mehla
(HOD HEAS & Associate Professor)
Ph.D.

Area of Interest- Renewable Energy, Water
pollution and Chemical Kinetics
35 Research Publications



Dr. Gayatri Sharma
(Assistant Professor)
Ph.D.

Area of Interest- Chemical Kinetics, Water
Analysis, and Corrosion
33 Research Publication



Dr. Anu Sharma
(Assistant Professor)
Ph.D.

Area of Interest-Bio material, Organo Physical
analysis
35 Research Publications

PHYSICS



Dr. Yadunath Singh
(Principal UCET & Associate Professor)

Ph.D.

Area of Interest- Condensed Matter Physics, Material Science, Nano
Technology

50 Research Publications



Dr. Sudhir Bhardwaj
(Assistant Professor)

Ph.D.

Area of Interest- Particle Correlation in Ultra relativistic Heavy Ion
Collisions

78 Research Publications

ENGLISH



Dr. Preeti Pareek
(Assistant Professor)

Ph.D.

Area of Interest- Feminism

30 Research Publication



Dr. Bhumika Chopra
(Assistant Professor)

Ph.D.

Area of Interest- Feminism

7 Research Publication

Laboratories

