

UNIVERSITY COLLEGE OF ENGINEERING AND TECHNOLOGY, BIKANER

(Constituent College of Bikaner Technical University, Bikaner)



ANNUAL REPORT

(2018-2019)

PRINCIPAL'S DESK

Dear Friends,

It gives me a great pleasure in putting forth the brief replica of aims, objectives, environment, infrastructure, facilities, faculty, and campus of our institute. A well planned, beautifully developed and neatly maintained campus provides every facility to the students and atmosphere to study and build up his/ her career. Well qualified & experienced faculty members discharge the knowledge to their students whole-heartedly and devotedly. A nation's real and sustainable growth is possible with technological advancement and development of its human resource. Modern technology has made the world a level playing field. With globalization, engineers should be able to perform in a larger environment and are expected to face challenges & find solutions in any given situation. Along with studies, students have the facility to develop themselves in allied interests like indoor and outdoor sports, reading, cultural & literally activities. While perusing the academic excellence, we also take care of personality development, leading towards excellence in career by paying personal attention to every individual student.

I am confident that with the whole hearted support and co-operation of the teaching as well as non-teaching staff and students, the institute will continuously achieve new heights and contribute in fulfillment of the dream of quality education.

Wishing you all the very best for success in all endeavors and for bright future.

Dr. S.K. Bansal
Principal

Table of Contents

1	ABOUT UCET.....	4
	Mission	4
	Vision	4
	BOG of the college.....	5
2	FACILITIES IN THE COLLEGE CAMPUS.....	6
	Ceramic Electrical Research and Development Centers (CERDC).....	6
	Hostels	6
	Medical	7
	Bank.....	7
	Canteen	7
	Transportation	8
3	CELLS, CENTERS& COUNCILS	8
	Library	8
	Training & Placement Cell	10
	Entrepreneurship Development Cell	10
	Institutional Industry Interaction Cell	11
	Civil Research & Development Cell.....	11
	Computer Center	11
	Students Advisory/Activity Council	12
4	ACTIVITIES&GAMES	12
	NSS.....	12
	NCC.....	13
	Sports.....	13
5	ACADEMIC STRUCTURE AT UCET	13
	Ceramic Department.....	14
	Electronics & Communication Department.....	16
	Mechanical Department.....	17
	Computer Science Engineering Department	19
	Civil Department.....	20
	Electrical Engineering	22
	MBA Department.....	23
	Basic Science & Humanities.....	23
	Ph.D. Research Center.....	24
6	ACHIEVEMENTS till June 2019	34
	Gallery	

1. ABOUTUCET

University College of Engineering & Technology, approved by AICTE & Affiliated to Rajasthan Technical University (Kota), was established in 2007 in Society Act under Ministry of Technical Education, Govt. of Rajasthan. The College is running with the aim to equip students with the latest engineering skills and knowledge to successfully meet the challenges posed by globalization and to provide comprehensive engineering education and necessary technical skills by developing a professional outlook in every walk of life.

The College has spread in 1, 74,015sqm (43 Acre or 70 Bigha) land having six beautifully constructed & well equipped buildings, green landscapes, play grounds, hostels and other amenities. The total constructed area is 24910 Sqm.



MAP OF THE INSTITUTE

The Vision and Mission of the college are-

1.1 VISION

To be a center of academic excellence for quality technical education, with managerial & entrepreneur skills, to meet the social needs and global challenge.

1.2 MISSION

1. Provide the fundamental knowledge of engineering field using modern tools.
2. To identify and nurture managerial and entrepreneur skills to fulfill the needs of society.
3. Collaborating with industry and institutes to develop new ideas and creativity which can serve for the nation's economic development.

1.3 BoG OF THE UCET

S.No.	Name of Officer along with Designation	Designation in BoG	Category
1	Dr. Anil Kumar Mathur Porfessor, RTU,Kota	Chairman	Educationist, Nominated by University
2	Sh. K.B. Gupta Director, Rangoli ceramics, Bikaner	Member	Industrialist, Nominated by University
3	Sh. Rajesh Kumar Paliwal Director, PNT Design Pvt. Ltd.	Member	Professional, Nominated by University
4	Dr. Yadunath Singh Associate Professor, Physics, UCET, Bikaner	Member	Faculty Nominated by Hon'ble Vice-Chancellor
5	Dr. Mukesh M. Joshi Associate Professor, Mathemtics, UCET, Bikaner	Member	Faculty Nominated by Hon'ble Vice-Chancellor
6	State Government Nomiee	Member	To be nomited by state Government
7	Dr. RanjanMaheshwari Professor, RTU, Kota	Member	Univesity Nominee, Nomination by Hon'ble Vice-Chancellor
8	UGC/AICTE Nominee	Member	To be Nominated by UGC/AICTE
9	Dr. S.K. Bansal Principal/Director, UCET, Bikaner	Member Secretary	Ex-Officer

2. FACILITIES IN THE COLLEGE CAMPUS

2.1 CERAMIC ELECTRICAL RESEARCH AND DEVELOPMENT CENTRES (CERDC)

The Ceramic Centre Bikaner was renamed as Ceramic Electrical Research and Development Centre (CERDC), Bikaner during 2010. Historically, the CERDC, Bikaner is IVth (in public sector) after Kolkata (WB), Morbi (Gujarat) and Khurja (UP) at national level. The scope of this Centre is to facilitate the entrepreneurs of North India. During this period, CERDC was engaged mainly in testing of insulators along with beneficiation and characterization of minerals which were of interest of growing ceramic industries. At initial stage, most of the work was directed towards identifying suitable mineral resources along with their suitability for specific product development within Rajasthan and its nearby areas. The quality control in respect of ceramic is given due attention with development of ceramic products on introduction of different minerals such as Clay, Gypsum for their suitability in specific uses.

<http://www.cerdc.res.in/>

2.2 Hostel

The boy's hostels have initial capacity for 260 students & the girls' hostels have capacity for 150 students. The students taking admission in 1st year are encouraged to reside in hostel so that they can be safe from any act of ragging. Each student is provided basic facilities like almirah, table & chair.



HOSTEL

2.3 Facilities

- English & Hindi newspapers
- Sports (both indoor & outdoor games)
- In-house gymnasium
- 24 hrs Telephone & Internet facility
- Two times meals per day & special diet on weekends.
- 24 hrs facilities of security guards

2.4 MEDICAL

The college has its own dispensary, for the students and staff members. A staff with proper stock of medicines have been ensured by the college authorities.

2.5 BANK

Banking is possible in the college premises with The Oriental Bank of Commerce Branch, making banking procedure easy and convenient. A 24-hour ATM is also available within the campus.



OBC BANK

2.6 CANTEEN

Canteen under construction



CANTEEN UNDER CONSTRUCTION

2.7 TRANSPORTATION

The college has own fleet of buses and services are available to almost all parts of the city. Transport facility is provided to & fro the hostel to college campus on different routes. The students are picked and dropped to their respected destinations.



TRANSPORTATION FACILITY

3 CELLS, CENTERS & COUNCILS

3.1 LIBRARY

The Central Library in UCET is one of the best technical library. It hosts an impressive collection of academic resources in the form of books, journals, research papers and electronic journals on a variety of subjects including science, technology, humanities, social sciences and management sciences. It houses a large number of full- text electronic journals, online databases and Electronic Thesis and Dissertations (ETD). The web-based library catalogue is accessible from anywhere on the campus' Local Area Network. The Library subscribes to 110 current journals. The Library has a rich collection of books on science and technology including chemistry, mathematics, physics, civil engineering, computer science, electrical and electronics engineering, mechanical engineering, electrical engineering & management. Besides, Library also has a good collection in the areas of humanities and social sciences. Besides General Collection, the Library has segregated specialized collection having separate collection codes mentioned below:

- Total no. of Books in Library : 13483
- Engineering Books : 11350
- Engineering Titles : 1535
- MBA Books : 2133
- MBA Titles : 250
- Journals : 32 (National 27 & International 5)
- Magazines : 21
- Newspaper : 16
- International : 1
- National : 14
- Working Area : 500 Sqm
- Seating Capacity for Digital Library : 30
- Working Hours : 12 Hours



CENTRAL LIBRARY

3.2 TRAINING & PLACEMENT CELL

Training and placement in any engineering college is one of the most important activities. The cell is helping students in getting a decent placement through on/off campus drives, getting practical training in engineering subjects as well as in soft skills, developing a long term relations with industries for the mutual benefits of both, career counseling, different trainings etc. The dedicated team of faculty members and students are the core strength of the cell, showing continuously incremental results every year.

PLACEMENT RECORD-

S.No	Academic Year	Placement
1	2017-18	130
2	2018-19	190

GLIMPSES OF ALUMNI



Ms. NavJyot Kaur- Pursuing M.Tech in Information Security from George Mason University Virginia USA



3.3 ENTREPRENEURSHIP DEVELOPMENT CELL

Entrepreneurial Development Cell (EDC) is responsible for activities and initiatives which would promote the spirit of entrepreneurship amongst the students. To foster an environment which is conducive to entrepreneurship, EDC organize lectures, events and workshops to create a platform for them to realize their potential and showcase their bright ideas in front of public and industry.

The Entrepreneurship Development Cell (EDC) has been established in the Institute with the financial Aid of AICTE under ministry of HRD. The prime motive of the Cell is to promote entrepreneurial spirit among students of Bikaner and aims to act as one of the biggest platform for Academicians, New-age Entrepreneurs, Eminent Business Personalities & the students to gather, learn & share their entrepreneurial endeavors, experiences & aspirations.

Objectives:

- To promote strong entrepreneurship among Engineers, Managers and Science students.
- To promote entrepreneurship among relevant sectors in the state.
- To collaborate with other organizations and institutions.
- To organize entrepreneurship development and awareness programs.
- To undertake research studies to identify high technology areas having entrepreneurship opportunities.
- To develop close links between industry-Institute by interaction programs. High priority to activities designed to bring about improvement in the performance of the industry

3.4 INSTITUTIONAL INDUSTRY INTERACTION CELL

The cell has been established to act as a tool to promote Institutional Industry Interaction and research among students on live projects of industry.



INSTITUTIONAL INDUSTRY INTERACTION

MOU's/Collaboration from other Universities/Industries for Academic/Placements-

- (i) ISOL
- (ii) ACECONE CERAMAX Pvt. Ltd
- (iii) ESCI Hyderabad
- (iv) Rahul Transformers Pvt. Ltd

3.5 CIVIL RESEARCH & DEVELOPMENT CELL

The cell aims to develop a support system for technocrats and to provide personalized instructions in state-of-the-art laboratories from qualified faculty to ensure sound theoretical knowledge and practical experience coupled with vital sense of moral and ethical values and character building and involvement in all round co-curricular and extracurricular activities.

3.6 COMPUTER CENTRE

The college has a well-equipped computer center. It consists of 10 different labs with capacity of 20 student's capacity per lab for efficient working & monitoring. The salient features of the center are:

- 200 computers with the configuration - i7, 3.4 GHz Processor, 2GB RAM, 1066MHz DDR3 RAM with 8GB Expandability & with 320GB Harddisk
- LED Screens are of 18.5inch
- LCD Projector
- Internet Lease Line- 155 Mbps

3.7 STUDENTS ADVISORY /ACTIVITY COUNCIL

Students Advisory Council has been established for giving an opportunity to the students for their holistic development. This advisory council provides a platform to the students to fulfill the cultural, educational and recreational needs of the students for University College of Engineering & Technology, Bikaner.

The main objectives of this Council will be –

1. To foster and develop all students' activities in the College.
2. To develop the spirit of cooperation and coordination among all the students above their cultural, religious, gender, regional, caste differences.
3. Identify student issues and promote discussion on them.
4. To develop a well-informed, articulate and participative student's community life, to increase social awareness and feeling of responsibility.
5. To promote and develop organizational abilities, leadership, entrepreneurship, creativity, innovation in the students.

4 ACTIVITIES and GAMES

4.1 NSS

National Service Scheme in the institutions on a voluntary basis helps in developing healthy contacts between the students and teachers on the one hand and establishing a constructive linkage between the campus and the community on the other hand. The institution also have a very strong NSS wing with dedicated volunteers determined to help in the development of campus as well as also committed for their responsibility towards society through plantation, cleaning drives in the town, conducting blood donation camps, organizing other socially relevant event setc.



NSS

4.2 NCC

National Cadet Corps wing of the institution is a very active wing, engaged in grooming the youth – ‘The Leaders of Tomorrow’ – into disciplined and patriotic citizens. Students start joining it in the very first year of their college and start contributing towards its broader goals.

Aim of NCC in College:

- To Develop Character, Comradeship, Discipline, Leadership, Secular Outlook, Spirit of Adventure, and Ideals of Selfless Service amongst the Youth of the Country.
- To Create a Human Resource of Organized, Trained and Motivated Youth, To Provide Leadership in all Walks of life and be Always Available for the Service of the Nation.
- Provide a Suitable Environment to Motivate the Youth to Take Up a Career in the Armed Forces.



NCC

4.3 SPORTS

Sport is one of the vital activities of any institution. The institution possesses large cricket, football & basketball playgrounds and gymnasium for physical fitness of students and a common room to provide space for indoor recreational activities. A sports complex has been developed for indoor and outdoor games. Institute is organizing time to time sports events to encourage students for sports to make them fit and energetic.



OUTDOOR SPORTS



INDOOR SPORTS

Students are actively participating in different national and international sports event and making the college and country proud.

5 ACADEMIC STRUCTURE ATUCET

Academically, the college consists of 6 Engineering and one Management Departments having PG and Ph.D. programme. In 2007, the initial intake was of 240 students with 60 in each branch, i.e. Electronics & Communication Engineering, Computer Science & Engineering, Ceramic Engineering, and Civil Engineering. Later in 2008, College added Mechanical Engineering & one P.G Course i.e. MBA and also doubled the intake in Computer Science Engineering. In 2011, Electrical Engineering has also been started with intake of 60 students.

Under Graduate courses:

S.No	Name of Branch/Programme	Intake
1	Ceramic Engineering	30
2	Civil Engineering	60
3	Computer Science & Engineering	120
4	Electronic and Communication Engineering	30
5	Electrical Engineering	60
6	Mechanical Engineering	60

Post Graduate Courses:-

S.No	Name of Branch/Programme	Intake
1	Master of Business Administration (MBA)	60

It has students from almost all parts of the country, exhibits the diversity, comprehensiveness, and depth. With a solid grounding in the principles and practice of engineering, the students are ready to engage in ethical approaches to engineering, with concern for society and the environment.



UNIVERSITY COLLEGE OF ENGINEERING & TECHNOLOGY, BIKANER

5.1 CERAMIC ENGINEERING DEPARTMENT

Bikaner has rich resource base of ceramic materials. Keeping this in view, B.Tech. programme was started in the state. This programme is continuously making progress and now its presence can be felt at national level. The department of Ceramic Engineering is also backed with the facilities of state's first Ceramic Research Center established within the premises of the society.

VISION:

“Engage both traditional and emerging field of ceramics, to bring expertise and management skills in technocrats to contribute in industrial and society development”

MISSION:

- To provide student-center programs which ensure that graduates accomplish in technical expertise, business practices in industrial management.
- Inculcate moral values through stories with lesson, pronouncements, rules, and warnings to mould students into better human beings.
- Collaborates with industry through practical courses, seminars, workshops, and special events.
- Strategically invest for developing laboratory to enhance quality and efficiency in engineering practice.
- Create the path to improve communication and leadership skill by offering team building exercise, group presentation etc.

MAJOR EQUIPMENTS

- UV Spectro-photoMeter
- pH , Conductivity & Reflectance Meter
- Autoclave
- Electric Furnace
- LCR Meter
- Two Probe Resistivity Meter
- Set up Polarizing Microscope
- Polishing Machine Jigger Jolly
- Infrared Moisture Balance
- Motorized Potter Wheel
- Ball Mill Lab Dearing Pug Mill, MOR Machine



LABORATORIES

- Ceramic I and A lab
- Ceramic Properties lab
- Electronic Ceramic lab
- Mineral & Microscopy lab

- Pottery and Heavy ClaywareLab
- Traditional Ceramic and ProcessingLab

5.2 ELECTRONICS & COMMUNICATIONS ENGINEERING DEPARTMENT

The world today is thriving and growing on electronics. Every technology incorporates electronics and communication as their vital section. Electronics has triggered the information technology revolution and Electronics engineers are changing the world to a comfortable global home. It has penetrated in every field of our existence. It mainly deals with the communication technologies along with the basic electronic components, design of circuits and systems The department believes in serious academic pursuit and encourages radical and original thinking which paves the way for creativity and innovative ideas.

VISION:

“To produce technocrats having edges of ethical senses who can withstand with global challenges in the field of Electronics & Communication Engineering”.

MISSION:

- By facilitating the students with an environment of academic freedom through student centric learning approaches.
- By developing innovative and simple instructional material to drive the concepts into the minds of students.

MAJOR EQUIPMENTS:

- SpectrumAnalyzer
- GPS TrainerKits
- Microwave Test Bench

Labs

- SPLab
- CommunicationLab
- Digital Electronics EDCLab
- Electrical & Electronics Engg.Lab
- Electronic WorkshopLab
- EMI Lab & IndustrialLab
- MicroprocessorLab
- Microwave Engg.Lab
- OFCLab
- Wireless communicationLab



ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT LABORATORIES

5.3 MECHANICAL ENGINEERING DEPARTMENT

The Department of Mechanical Engineering, being one of the largest departments of the Institute. It is continuously striving to achieve excellence in education and academic with practical exposure to serve the society. Mechanical Engineering involves the application of principles of analysis, design, manufacturing, and maintenance of mechanical systems. It requires a solid understanding of key concepts including mechanics, kinematics, thermodynamics and energy. Mechanical engineers, use these principles and others in the design and analysis of automobiles, aircraft, heating & cooling systems, manufacturing plants, industrial equipment and machinery, medical devices and more.

VISION:

“The department is committed to produce dedicated engineers, who are competent enough to fulfil technological and social needs of the nation”

MISSION:

- To impart quality education in the area of Mechanical Engineering and provide skilful training to faculty, staff and students.
- To bridge the industry academia gap by providing domain specific knowledge that suits the industrial requirements
- To inculcate the feeling of integrity with humanity in the minds of students to serve the society for betterment.
- To create supportive environment for self-learning.

MAJOR EQUIPMENTS:

- Two stroke Diesel Engine Test Ring
- 4 Lathe, Shaper, Milling, Drill, Wood Cutting Machines, 2 Welding, Power Hacksaw, Pipe Cutter
- Governor Gyroscope Balancing Apparatus
- CAM Analysis

Laboratories :

- MechanicalWorkshop
- Material ScienceLab
- Dynamics & Kinematics of MachineLab
- Thermal EnergyLab
- ProductionLab
- Turbo MachineLab
- Heat TransferLab
- IC EngineLab
- Computer GraphicsLab
- Fluid MechanicsLab
- VibrationLab



MECHANICAL ENGINEERING DEPARTMENT LABORATORIES

5.4 COMPUTER SCIENCE ENGINEERING DEPARTMENT

Department of Computer Science Engineering in UCET is highly technology-oriented department to meet today's needs of young minds and helping students to take on challenges related to Computer Science. The department believes in an approach of teaching-learning, coupled with practical experience gained during Industrial Training in reputed organizations, to equip students to handle the challenges posed by the software industry in which kaleidoscopic changes are occurring incessantly - opening new avenues, unraveling new vistas and extending the horizons of knowledge with every passing day

VISION:

“To be recognized for quality technical education in the field of computer science and Engineering by striving to develop in-depth technical skills, entrepreneur skills and High ethical values for progressive global needs of society”.

MISSION:

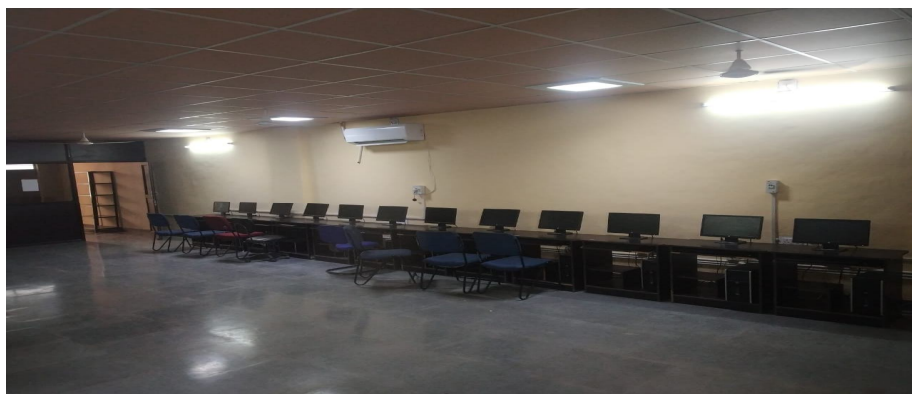
- To impart quality and value based education to solve real world problems towards the need of society.
- To encourage entrepreneurship by motivating innovative thinking along with the development of leadership and ethical qualities.
- To identify challenges in the field of computer science and engineering and impart relevant education to set benchmark for engineering education

FACILITIES/EQUIPMENTS

- 2 smart class
- Well Equipped Seminar Hall
- 3 overhead Projectors
- More than 550 computers
- High tech software like windows 8 & 10, Linux, MSOffice,
- Open source software like JDK, Turbo C++, Open Office

LABORATORIES:

- S. E. Lab
- C Programming Lab (4Lab)
- Computer Arch Lab
- Computer Graphics Lab
- DSA Lab
- OOPS Lab
- System Security Lab
- X-Windows Lab
- Networking Programming Lab



COMPUTER LABORATORIES

5.5 CIVIL ENGINEERING DEPARTMENT

The Department of Civil Engineering was established in 2007. At present, the Department offers an undergraduate program in Civil Engineering leading to the B.Tech degree.

The Department is also actively engaged in testing and consultancy activities. A R&D project sponsored by Department of Science & Technology is presently under progress. The Department has offered and continues to offer testing and consultancy services to various Government Departments and Organizations, both the Public and Private sector. Consultancy services are being offered in all fields of Civil Engineering interest.

VISION:

“To create an environment for enhancing Entrepreneur and professional skills with new ideas and innovations for the betterment of the mankind at global platform”

MISSION:

- To inculcate the fundamental of science and technology in the field of civil engineering.
- Pursuit lifelong learning technical and managerial qualities by developing critical and problem solving abilities.
- To bring up new ideas, creativity and innovation by putting industry, academia and research altogether on a common platform.

Major Equipments:

- Digital Fatigue testing machine as per IS:5075-1969
- Impact testing machine Microprocessorbased
- Digital universal testing machine with Computer of 100Ton
- Digital pH meter, Digital turbidity meter, Water Analysis kit, BODIncubator



CIVIL ENGINEERING DEPARTMENT LABORATORIES

- Engineering Mechanics and Experimental Techniques Labs
- Hydraulics Lab
- Surveying Lab
- Road Material Testing Lab
- Structural Engineering Lab
- CAD/CAM Lab
- Geotechnical Engineering Lab
- Environmental Engineering Lab
- Material Testing Lab
- Model Lab



5.6 ELECTRICAL ENGINEERING DEPARTMENT

The department of Electrical Engineering offers a vibrant environment for graduate education and research in Electrical Engineering. It is the youngest departments but not in terms of facilities and capabilities. In today's scenario where energy needs are becoming more challenging, the department understands its responsibility and is committed to advancement of the frontiers of knowledge in Electrical Engineering and to provide the students with a stimulating and rewarding learning experience.

VISION:

“To empower students by imparting quality technical education and encouraging innovative ideas, meeting the needs of global expectations in the field of Electrical Engineering”.

MISSION:

- To facilitate students with quality technical tools and enable them to deal with industrial challenges.
- To motivate innovative ideas and provide knowledge, especially in the area of green energy to address socio-economic challenges.

The department undertakes testing of all varieties of electrical equipment's like induction machines, transformers etc



ELECTRICAL ENGINEERING DEPARTMENT LABORATORIES

5.7 MBADepartment

The department was incepted on July 2008 with the aim to provide young, enthusiastic minds the power to shape their career paths and influence change. In-depth knowledge, analytical rigor, rational thinking, commitment, ethics, cooperation, competition, and innovation are the core values of the department. The department believes in innovative pedagogy. The teaching processes and methods here will be extensive to include role- playing, videos, simulations, team exercises, outbound learning, problem solving, current issue analysis, industry interaction, project work, summer training, competitions, presentations and expert lectures.

FACILITIES

- Computer labs with 34 mpbs internet leaseline
- Library with more than 3000books.
- Well equipped SeminarHall.



MBA DEPARTMENT LABORATORIES

5.8 APPLIED SCIENCE & HUMANITIES

The department comprises sections of Applied Mathematics, Applied Physics, Applied Chemistry, Humanities. The department offers core courses in Applied Mathematics, Applied Physics, Applied Chemistry & Humanities (Management, Engineering, Economics, Organizational Behavior and Personnel Management)

5.8.1 PHYSICS

Physics is providing a sound science base for all engineering disciplines in their I and II semester. The courses are designed to serve the need for a particular branch of engineering. The department has well equipped labs for B.Tech. students where experiments are designed to broaden experimental skill related to various branches of engineering and technology.



PHYSICS DEPARTMENT LABORATORIES

5.8.2 CHEMISTRY & ENVIRONMENTAL SCIENCES

This subpart is providing a basic knowledge of applied chemistry to all branches of 1st year B.Tech student. The department has well equipped labs for B.Tech. Students where experiments are designed to broaden experimental skills related to various testing & titration of chemicals such as flash & fire point, viscosity, cloud & pour point etc



CHEMISTRY & ENVIRONMENTAL SCIENCES LABORATORIES

5.8.3 MATHEMATICS DEPARTMENT

This subpart is providing a basic knowledge of mathematics to all branches of 1st year B.Tech.

5.8.4 ENGLISH & HUMANITIES DEPARTMENT

English imparts instructions to UG students of the various engineering disciplines and caters to their needs in the areas of English, communication skills and technical report writing.

5.9 PH.D. RESEARCH CENTRE

A congenial environment for the quality research where faculty and students can contribute substantially for the development is must in any institution. For this, the college is also marked as Ph.D. Research Center from RTU Kota in the stream of management. This center is concentrating on contemporary management and social sciences. The center has wide research resources and software for the quality research.

6. ACHIEVEMENTS IN TEQIP-III TILL JUNE2019

6.1 DETAILS OF FUND RELEASE AND EXPENDITURE OF INSTITUTION

Project Life Allocation (InLakhs)	Fund Allotted (In Lakhs)	Expenditure Incurred (In Lakhs)	Percentage Expenditure of fund
1000	55144819	27011078	48.9
3000			

6.2 STATUS OF FUND ALLOCATED AND EXPENDITURE INCURRED TILL JUNE 2019

FUND ALLOTTED	FUND SANCTIONED	EXPENDITURE INCURRED
55144819(June)	55144819	27011078

6.3 GENERAL INFORMATION & PROGRESS REPORT

Students Strength	1272
Administrative Autonomy	Yes
NBA Accreditation	No*
Regular Faculty Strength	56
Publication During Project Period	47
Placement in %	60.20%

6.4 ACADEMIC ACTIVITIES ORGANISED BY THE INSTITUTION

International Conferences	1	
Seminars	1	
Short Term Courses	NIL	
Expert Lecture Conducted	32	
Any Other Activity	Industrial visit	5
	Gate class	295 Students
	Employability Skills	204 Students

6.5 WORKSHOP ORGANISED IN THE INSTITUTE:

S.No	Title / Topic	Date
1.	Professional Etiquettes, Leadership Quality & Team Building	27 Oct, 2018
2.	Magento Technology	15 Jan, 2019

6.6 NATIONAL WORKSHOPS ORGANISED IN THE INSTITUTE:

S.No	Title / Topic	Date
1.	Modeling, Stability Analysis and Controller Design using MATLAB and Simulink	17-19 Dec, 2018
2.	Latex and Data Science	14 Feb, 2019
3.	Start A Start-up	15-16 Feb, 2019
4.	Planning , Execution and Evaluation	08-09 March, 2019
5.	To discuss AICTE Internship policy with Industries and Technical Education Institutes	21 ST June, 2109

6.7 FACULTY DEVELOPMENT PROGRAM ORGANISED IN INSTITUTE

S.No	Title / Topic	Date
1.	Universal Human Values & Professional Ethics	1-8 June, 2018
2.	Universal Human Values & Professional Ethics	5-12 Jan, 2019

6.8 OTHER ACTIVITIES

S.No	Title / Topic	Date
1.	Soft Skills Training	21-30 June, 2019
2.	SLA Exam	26-28 March, 2019
3.	Induction Program	1-21 Aug, 2018
4.	Soft Skill Training	11-25 July, 2018
5.	Performance Auditor Visit	2-4 Aug, 2018
6.	Mentor Visit	13-15 Oct, 2018

6.9 ENHANCEMENT OF QUALIFICATION UPGRADATIONTEQIP-III:

S.No	Name of Faculty Member	Course Name (PhD / M.Tech)	Branch
1	Ms. Sunita Chaudhary	Ph.D. (Pursuing)	CSE
2	Mr. Shankar Lal	M.Tech (Pursuing)	ECE
3	Ms. Archana	Ph.D (Pursuing)	EE
4	Mr. Magraj	Ph.D (Pursuing)	Civil
5	Mr. Sajjan Singh Bajiya	Ph.D (Pursuing)	ME
6	Mr. Manikant Gupta	Ph.D (Pursuing)	EE

6.10 FACULTY PARTICIPATION IN CONFERENCE/SEMINAR/STC/WORKSHOP:

International Conferences	12
National Conference	7
Faculty Development Program	4
Workshop	10
National Workshop	11
PDT	4
STC	34
Training program	2
Techno-fair	1
WOSA-2018	1

6.11 STUDENTS ACTIVITY

Student deputed for Internship at IIT Bombay: 3

6.12PROCUREMENT TILL JUNE 2019:

S. No.	No. of items procured and payment made		No. of Items procured and payment pending		Purchase Order issued/ Work order issued	
	Package Name	Cost	Package Name	Cost	Package Name	Cost
1	Springer Nature e-subscription	482350 /-	Air Conditioner	1926000 /-	Nil	-
2	Turnitin Software	469556 /-	Laptops	3662725 /-	Nil	-
3	-	-	Desktop Computers	1436670 /-	Nil	-
Total		951906 /-	Total	7025395 /-	Total	-

A. TRANSITION RATE- 50%

B. BoG conducted - 4

C. TWINNING SCORE- 1.3

D. GATE- 2019 score increased from GATE-2018(10%) to GATE-2019 (14%) and felicitation program to appreciate the Students.



GATE FELICITATION PROGRAM

List of Students qualified in GATE 2019

University College of Engineering & Technology, Bikaner							
GATE-2019							
S.No	Name of the Student	GATE Paper	Gender	Category	AIR	Score	Marks
1	MAHENDRA GUPTA	CE	Male	General	19013	363	29.34
2	NEERAJ KUMAR	CE	Male	General	19229	360	29.11
3	Kamal Kishor	CE	Male	OBC	8218	493	40.82
4	SURENDRA REWAR	CE	Male	OBC	1883	670	56.57
5	Praveen Detha	CE	Male	OBC	5029	559	46.73
6	RAKESH KUMAR MEENA	CE	Male	ST	37480	258	20.05
7	Gautam chand	CE	Male	General	13152	419	34.34
8	Niranjan borawar	CS	Male	OBC	15284	341	28.67
9	Karishma Panwar	CS	Female	OBC	8942	415	35.33
10	Hitesh Yadav	CS	Male	OBC	13027	363	30.67
11	Hemant kumar	CS	Male	SC	28066	256	21
12	ASHISH KUMAR	CS	Male	OBC	14872	344	29
13	Gaurav mangal	CS	Male	OBC	17462	322	27
14	Vikas Acharya	CS	Male	OBC	14872	344	29
15	SIDDHARTHA GUPTA	ECE	Male	OBC	11242	388	30
16	Bittu Kumar	ECE	Male	OBC	12164	376	29
17	EEKAM CHAND KHANDELWA	ECE	Male	General	4893	507	40.33
18	GUDDU KUMAR	ECE	Male	OBC	6467	469	37
19	AMAR NATH YADAV	ECE	Male	OBC	10441	400	31
20	MOHD USMAN	ECE	Male	OBC	13147	365	28
21	Akash saini	ECE	Male	OBC	5180	499	39.67
22	BRIJESH KUMAR	EE	Male	OBC	7062	534	57
23	BABUL CHOUDHARY	EE	Male	General	4108	619	65
24	ASHWANI KUMAR MAURYA	EE	Male	OBC	12726	421	46.33
25	ROHIT SIRWANI	EE	Male	OBC	2933	661	69
26	Vishwa pal singh	EE	Male	General	9154	488	52.67
27	VED PRAKASH VERMA	EE	Male	OBC	19611	326	37.33
28	Shiv Narayan Suthar	EE	Male	OBC	20527	315	36.33
29	LAXMAN MALVIYA	EE	Male	OBC	16498	365	41
30	MANOJ KUMAR LEEL	EE	Male	OBC	9687	478	51.67
31	Nisha choudhary	EE	Female	OBC	14012	400	44.33
32	Devendra Singh	EE	Male	OBC	3790	630	66
33	Ravindra Jhahharia	ME	Male	OBC	19836	399	38.67
34	Om Prakash	ME	Male	OBC	24919	352	34.26
35	Manish Kumar	ME	Male	OBC	22270	375	36.44
36	MONU YADAV	ME	Male	OBC	9935	527	50.57
37	AJAY KUMAR YADAV	ME	Male	OBC	26682	337	32.9
38	Sumiko bharti Singh Chauhan	XE	Female	OBC	638	316	24.33

GALLERY

GLIMPSE OF ACTIVITIES CONDUCTED AT UCET

NATIONAL WORKSHOP AT MNIT JAIPUR WITH AICTE TO DISCUSS AICTE INTERNSHIP POLICY WITH INDUSTRIES & TECHNICAL INSTITUTIONS



ORIENTATION WORKSHOP ON ENTREPRENEURSHIP AT UCET BIKANER



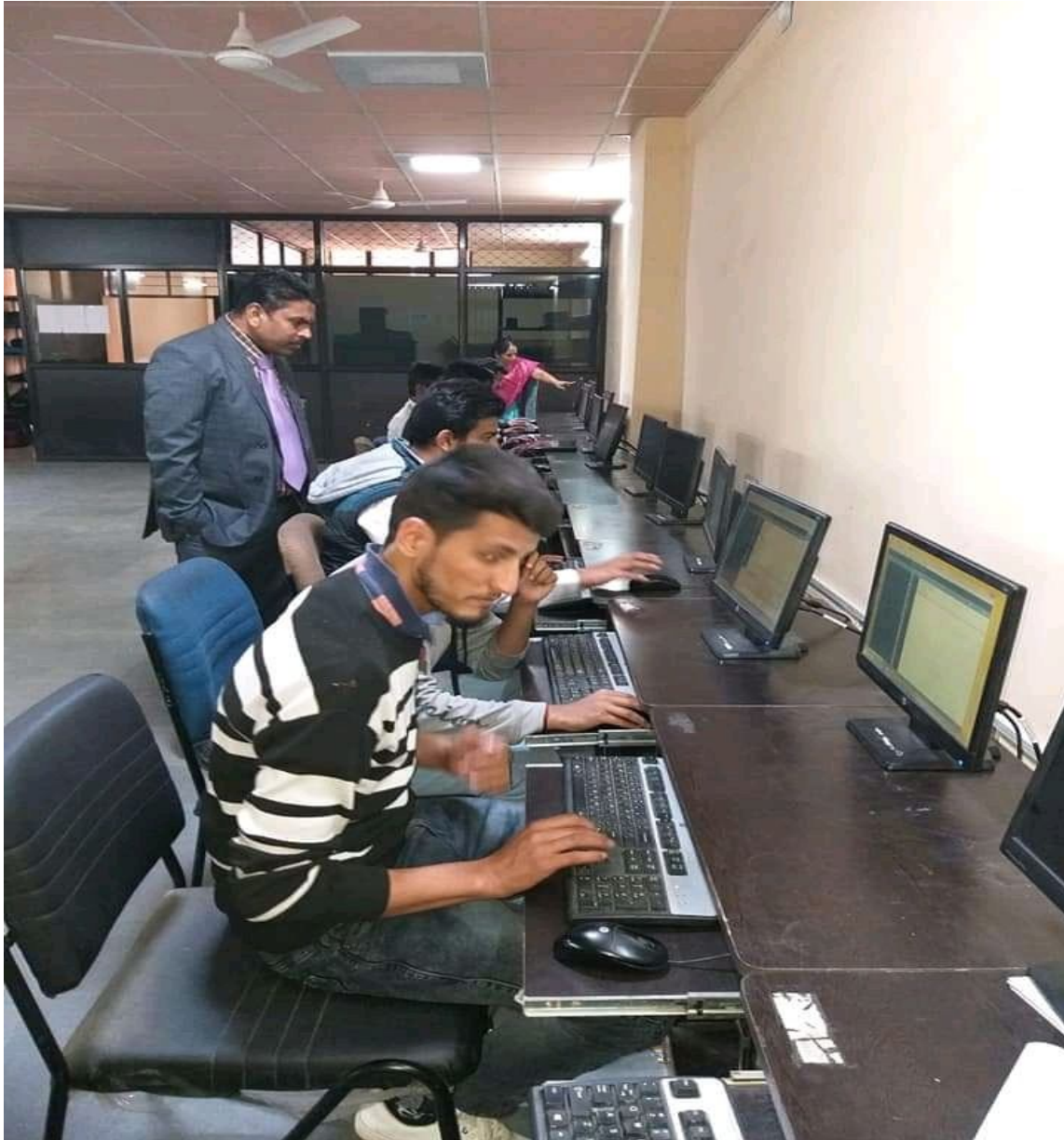
**TWO WEEK SUMMER TRAINING PROGRAM IN COLLABORATION WITH JNTU,
ANANTPUR (MENTOR INSTITUTE)**



FDP ON UNIVERSAL HUMAN VALUES



NATIONAL WORKSHOP ON LATEX & DATA SCIENCE WITH MENTOR INSTITUTE



NATIONAL WORKSHOP ON START A START UP WITH MENTOR INSTITUTE



START UP EVENT AT UCET BIKANER



NATIONAL WORKSHOP ON MODELLING, STABILITY ANALYSIS & CONTROLLER DESIGN USING MATLAB AND SIMULINK



PYTHON WORKSHOP AT UCET



OUTCOME BASED ACCREDITATION FOR ENGINEERING WORKSHOP



TWINNING PROGRAM



EXPERT LECTURE ON COMPUTER PROGRAMMING



FACULTY INTERACTION AT MENTOR INSTITUTE



INDUCTION PROGRAM



RESONANZA 2019

