



# Equity Action Plan (EAP)

## Technical Education Quality Improvement Programme-III

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# Integration of EAPs into the Institutional Development Plans (IDPs)

- Harassment of woman at work Place (Gender Committee)
- Grievance Redress Mechanism
- SC/ST Committee
- Special Hostel Development for SC/ST students

# Institute Committee

Name of the Committee	Harassment of woman at work Place (Gender Committee)
Chairman	Dr. Deepak Sharma, Prof.
Members	Dr. Trilok Gupta, ADSW Ms. Kalpna Jain, Asst. Prof. CSE Mrs. Amita Sexsena, Lab Asst. , Mech. Engg Mrs. Lalita Acharya, UDC, Gen. Section Mrs. Lalita Mod, Class IV, Gen. Section
Establishment Date	01.12.2017
Details	The committee is working as the key body for receiving and examining the complaints and it also suggest disciplinary action, as the case may be, upon the employee and the student who is found guilty of harassing women employee and student.

# Institute Committee

Name of the Committee	Discipline Committee (Grievance Redress Mechanism)
Chairman	Dr. B.P. Nandwana, Ex Dean & Prof.
Members	Dr. P.K. Singh, Professor & Chief Warden Chief Warden, Ex-officio CLSU Advisor, Ex-officio ADSW, Ex-officio
Establishment Date	19.08.2016
Details	The committee was formed to maintain discipline among students and take all sort of disciplinary action against students.

# Institute Committee

Name of the Committee	SC/ST Committee
Chairman	Dr. L. L. Panwar , Prof.
Members	Dr. Naran lal Meena, Asst. Prof. Dr. R.N. Bunkar, Asst. Prof. Dr. R.H. Meena, Assoc. Prof.
Establishment Date	2016
Details	The Committee is working for the welfare of SC/ST. It is also maintaining the Govt. of India and Govt. of Rajasthan's SC/ST norms. The committee is also looking for the roaster system of recruitment.

# Students Development and Improvement

- Formation of Institute Clubs
- Language Lab
- Remedial and Expert Classes
- Expert lectures and industrial visits
- Class advisors for counselling and mentoring of students
- Placement cell

# Institute Clubs

<b>Overall Coordinator</b>	<b>Dr. R.C. Verma</b>
<b>Establishment Date</b>	<b>29.09.2018</b>
<b>Details</b>	To promote environmental, social, cultural activities in the institute. Eleven clubs were established on 29.09.2018.

<b>S.No</b>	<b>Name of the Club</b>	<b>Name of the Coordinator</b>
<b>1</b>	Programming Club	Dr. Neveen Choudhary
<b>2</b>	Literary Club	Dr. Deepak Sharma
<b>3</b>	Electronics and Robotics Club	Dr. Sunil Joshi
<b>4</b>	Theatre Club	Dr. H.K. Mittal
<b>5</b>	Wellness Club	Dr. S.R. Bhakar
<b>6</b>	Energy Club	Dr. Sudhir Jain
<b>7</b>	Creative & Fine Arts Club	Dr. A.K. Chittora
<b>8</b>	Photography & Cine Club	Dr. Vikrmaditya Dave
<b>9</b>	Music and dance Club	Dr. M.S. Khidiya
<b>10</b>	Adventure Club	Er. Manjeet singh
<b>11</b>	Sports and Games Club	Er. S.B. Sahay

# Language Labs

- For improvement of students English, particularly spoken English.
- External experts for special lectures particularly for language lab.
- Special labs or workshops with external experts for personality development, confidence improvement and group discussion.



# Remedial and Expert Classes

- Remedial classes for those who secure less marks.
- With special focus on poor and SC/ST students.
- GATE classes for final year students.

# Expert Lectures conducted for students

S. No.	Faculty Name	Designation	Programme	Date & Place
1	Dr.Shweta Jain	Senior Faculty member from ICFAI Business school	Knowledge sharing programme on “GD, PI and Personality Development”	02 November, 2017 at Mechanical Engineering, CTAE
2	Prof. H. M. Gupta	Emeritus Professor, Indian Institute of Technology, Delhi	Special Lecture “General Area of Communications”	13-14 November, 2017 at Electronics and Communication Engineering, CTAE, Udaipur for UG & PG students.
3	Dr.BhivrajSuthar	Research Scientist, Biorobotics laboratory, Korea	Special lecture on topic “Robotics and its application”	31st January, 2018 at Department of Electrical Engineering, CTAE
4	Dr. S.S. Mehta	Department of Electrical Engineering, M. B. M. Engineering College, J. N. Vyas University, Jodhpur	Special Lectures on "Recent Trends and challenges in Electric Machines"	24 Feb., 2018 at Deptt. of Electrical Engg., CTAE, Udaipur
5	Dr. Sandeep Choudhary	Associate Professor, Indian Institute of Technology, (IIT)	Special lecture on topic "Durability of Concrete Structure"	2nd May, 2018 at Civil Engineering, CTAE Udaipur for Final year B.Tech. Students
6	Prof. M. P. Poonia	Vice Chairman, AICTE, New Delhi	Special Lecture on topic “Personality Development”	13 October, 2018 at ECE, CTAE Udaipur for UG & PG students

# Recent Workshops Organized in the College

<b>S.No</b>	<b>Title / Topic</b>	<b>Date</b>
1	Workshop on “Lab View and Its Applications”	20-21 <sup>st</sup> July, 2017
2	Workshop on “Personality Development”for B.Tech final year students	15-16 November, 2017
3	Workshop on “GST Rules & Procedure”	30 <sup>th</sup> November, 2017
4	Workshop on "Outcome Based Education & Preparation NBA Accreditation SAR" (No. of Participant- 45)	23 Feb., 2018
5	Workshop on “Cloud Computing” at CSE Department, CTAE	26 <sup>th</sup> to 27 <sup>th</sup> October, 2018

# Mentoring system

- Every class is assigned a class advisor.
- Class advisor is responsible for all academic activities.
- Also provide guidance as well as personal advice.
- 5-10 students are assigned a advisor for their B.Tech student project.

# Placement cell

- Active placement officer.
- Focused training/ internship.
- MOU's with various industries and universities.
- Conducting alumni meet for Alumni members, working in reputed firms- connecting them with students for guidance.

# Placement in 2017-18

<b>Name of The Course</b>	<b>Approved Intake</b>	<b>No. of Students Passed</b>	<b>Total Student Placed</b>
Agricultural Engineering	55	52	27
Civil Engineering	40	32	20
Computer Science and Engineering	40	34	34
Electrical Engineering	40	39	26
Electronics and Communication Engineering	40	24	24
Mechanical Engineering	40	30	25
Mining Engineering	20	20	20

# Improving faculty effectiveness

- Faculty Professional development program.
- Pedagogy training.
- Involvement in research activities.
- Joint industry-institute projects.
- Faculty appraisal.

# Recent Faculty Participation in Conference, Seminar, Short Term courses

S. No.	Programme	No of faculty attended	Date & Place
1	Workshop for faculty mentors in Induction program	2	22-24 September, 2017 at GSITS, Indore by NPIU & IIT BHU
2	Workshop cum Training on PDT	2	31st October to 1st November, 2017 at IIM Shillong
3	FDP on “Technological Advances & Emerging Dimensions in Power & Energy Sector”	2	18-30 December, 2017 at CTAE.
4	Workshop on “Start-up Activities” & Preparation of Action Plan	3	8-9, January, 2018, at MNIT, Jaipur
5	Induction Workshop at IIT, Bombay	16	22-26 January, 2018 at IIT Bombay
6	Training program on “Innovation and Change Management for Organizational Excellence”	2	29 January, 2018 to 2nd February, 2018 at Port Blair



# Recent Faculty Participation in Conference, Seminar, Short Term courses

S. No.	Programme	No of faculty attended	Date & Place
7	Two-Day awareness workshop on "Outcome Based Education(OBE) for engineering programs"	2	8-9, February, 2018 at AICTE, New Delhi
8	International Conference on "Advance in Concrete, Structural & Geotechnical Engineering	2	26-28 February, 2018 at BITS, Pilani.
9	Workshop on "National Building Code of India 2016"	7	15-16 March, 2018 at The Institute of Engineers (India), Udaipur Local Centre
10	One Week Workshop on "CMOS IC Design: Recent trends & Concepts"	4	26-30 March, 2018 at the Deptt. of ECE, CTAE, Udaipur
11	SMART INDIA HACKATHON	3	28-31 March, 2018 at BHU, Varanasi
12	National Workshop & Exhibition on "Problem of River Sand Mining & its Alternates"	5	21-22 April, 2018, CTAE Udaipur

# Recent Faculty Participation in Conference, Seminar, Short Term courses

S. No.	Programme	No of faculty attended	Date & Place
13	National conference on Recent Challenges in Mining Industry (RCIM 2018)	2	28 April, 2018 at Dhanbad, Jharkhand
14	Short Term Course on "Digital Library Management"	3	14-18 May, 2018 at NITTTR, Chandigarh
15	Professional Development Training (PDT)	2	14-19 May, 2018 at IIM Udaipur
16	Faculty exchange programme of KIT, IIT Mumbai	38	1-30 June, 2018 at KIT, IIT, Mumbai
17	Attend Faculty Development Programme (FDP) on "Student Induction Programme"	3	12-14 July, 2018 at Pacific Institute of Technology, Udaipur
18	Professional Development Training (PDT) at IIM, Shillong	2	26-28 September, 2018

# New MOU's / Collaboration from other Universities/Industries

<b>S.No</b>	<b>Universities/Industries</b>	<b>Particular of MOU's/Collaboration</b>	<b>Date</b>
1.	MNIT, Jaipur	Twinning Agreement	21-07-2017
2.	Hindustan Zinc, Udaipur	Curriculum reforms & Placement	2017
3.	Secure meter, Udaipur	Curriculum reforms & Placement	23.05.2018
4	Western Sydney University, Australia	For all academic works	27.11.2018

# Beyond student & faculty

- Institute Activities.
- Unnat Bharat Abhiyan.

# Institute Activities

S. No.	Activity	Coordinator	Date & duration	Funding Agency	Details
1	Student Induction Programme	Dr. S.M. Mathur	25.07.2018 to 15.08.2018	IEQIP-III	Induction programme was rigorously schedule for 21 days as per guidelines of AICTE, which includes tree plantation, yoga activities, institute cum departmental lab visit, city visit etc.
2	Organized TEDx CTAE	Ms. Mansi (Student)	27.08.2017	IEQIP-III	Aim to “Ideas worth spreading” with 150 participants, that can positively change the way a person understands the world.

# Institute Activities

S. No.	Activity	Coordinator	Date & duration	Funding Agency	Details
3	Students' Chapter Institute of Engineers	Dr. V. Dave	8.09.2017 to 15.09.2017	IEQIP-III	Technical week including following activities i.e. cleanliness program in the hostel, essay competition, PPT contest, poster making, and Aptitude Test. Student also celebrate the Engineer day.
4	Training program on Personality Development	Dr. Trilok Gupta	15.11.2017 to 16.11.2017	IEQIP-III	Tow days training program on personality development for final year students of the CTAE and other colleges of MPUAT.

# Institute Activities

S. No.	Activity	Coordinator	Date & duration	Funding Agency	Details
5	Health cards for students	Dr. Trilok Gupta	05.02.2018 to 28.02.2018	College	For all boys and girls of the institute. It is essential part of the NBA accreditation.
6	Yoga Classes	Sh. Ranveer Shekhawat	15.02.2018 to cont..	College	Organized by College yoga wing.
7	Tree Plantation	Dr. S.R Bhaker	07.07.2017	College	Planted 3200 trees of 38 kinds like mango, kinu, lemon, guava, jamun etc. in the university campus to promote environmental activities.

# Institute Activities

S. No.	Activity	Coordinator	Date & duration	Funding Agency	Details
8	Workshop on student innovation and start-ups	Dr. S.M. Mathur	22.02.2018 to 23.02.2018	IEQIP-III	To create awareness among students and faculty members for new innovation, startups and research projects.
9	Workshop on outcome Base Education	Dean, CTAE	23.02.2018	IEQIP-III	For all the HODs and faculty members of the CTAE
10	Workshop on Industry oriented skill and personality development	Ms. Kalpna Jain	17.03.2018 to 18.03.2018	AICTE	Lectures from the industrial experts were delivered along with group discussion as well as resume writing.



# Unnat Bharat Abhiyan

Coordinator- Dr. Vikramaditya Dave, Asst. Prof, EE

- Try to install renewable energy power sources in the adopted villages
  - Solar Heater
  - Solar cooker
  - Solar street light
  - Solar Dryer etc.
- Development of community farming and installation of solar photo voltaic pumps.
- It is also focusing on awareness of environment and provide computers in schools.

# Future Scope

- We have number of committees and research projects at institute as well as university level.
- However we are planning to provide better environment to the students as well as faculties.
- We are encouraging to our students and faculties to participate in various national and international program.



**Thanks...**