

TEQIP-III Equity Action Plan-TEQIP-III



JNTUH COLLEGE OF ENGINEERING HYDERABAD (AUTONOMOUS)

Kukatpally, Hyderabad-500085, Telangana (INDIA)

Equity Coordinator: Dr.D.Vasumathi, Professor of CSE Dept

Coordinator TEQIP-III: Dr.B.Sudheer Prem Kumar

Principal: Dr.E.Sai Baba Reddy

About Institute:

The JNTUHCEH with a history of over 50 years in technical education offering B.Tech, M.Tech. and Ph. D. Programs in Seven disciplines of Engineering has achieved a top-tier status among Engineering Colleges in the Country. Recent Survey of Best Engineering Colleges in India by outlook Magazine has placed the college in the list of 9th Place among all the Engineering colleges in India in the ranking of top Engineering College of super excellence. While rankings fluctuate, the college is widely perceived as a leading institute for the Undergraduate programs offered by it with the top 2000 rank holders of over 1.5 lakh students appearing for the state wide entrance Examination EAMCET making it to the admission into the various B.Tech. Programs offered by the college. The primary goal of the College over the next four years is to build upon the achievements to date and secure a position in the top ten Engineering Colleges in the country. The College has been sustaining and improving the quality of its UG programs. It now proposes to expand the scope, quality and multidisciplinary character of its PG and Ph. D programs while ensuring equity. JNTUH-CEH offers B.Tech. Programmes in 7 disciplines at UG Level; M.Tech. Programs in 19 disciplines, M.Sc. in 4 disciplines, M.C.A., M.B.A. at PG Level; in addition to the offer of M.S., M.Phil., Ph.D programmes in various disciplines of Engineering, Technology, Science and Management. The autonomy status has already been granted by the University.

Student Data for Year-2017 Batch

S.No	Department	Total Strength	SC students	ST students	BC students	Girl students
1	Civil	63	9	3	29	25
2	EEE	62	10	3	22	24
3	Mechanical	61	8	4	28	21
4	ECE	62	10	4	17	21
5	CSE	60	8	4	8	24
6	Metallurgy	55	7	3	29	24
7	Chemical	48	8	3	16	33

Student Data for Year-2018 Batch

S.No	Department	Total Strength	SC students	ST students	BC students	Girl students
1	Civil	66	9	4	21	27
2	EEE	48	6	3	20	21
3	Mechanical	54	7	3	20	18
4	ECE	53	8	2	14	24
5	CSE	52	8	2	14	20
6	Metallurgy	52	9	4	19	23
7	Chemical	50	8	2	26	25

Sl. No.	Activity	sub-activity/Action	Coordinator	Executing agency	Date & duration	Frequency	Indicator to measure outcome	Estimated Expenditure
1.	To improve Language Competency, Soft skills and Self-confidence levels, Essay Writing skills etc., for 1st and 2nd Year Students	<ul style="list-style-type: none"> Continuous monitoring and improvement learning skills/presentation skills, counseling sessions. Planning to conduct Remedial classes for students. To develop soft skills among students to make them more acceptable and employable globally particularly with respect to corporate sections. To conduct Mock Interviews by experts. To conduct Group Discussions based on the topic given and monitored each student performance and analyzed their levels individually. Involved each student in Brain Storming Sessions. Motivated towards the self-confidence levels. 	Dr. D. Vasumathi & Dr. M. Sushma	TEQIP III JNTUHCEH	September, 2019	Continuous	Increase transition rate of 55% among us SC/ST to 75%	Rs. 2 Lakh
2.	Tutorial classes for Basic Science subjects (Like Mathematics, Physics, Computer Language like problem solving	<ul style="list-style-type: none"> Planning to conduct remedial classes for students. Student training in subject domain. Support academically weak students to enhancement their knowledge and skills 	Dr. D. Vasumathi, & Mrs. E. Hemalatha	TEQIP III JNTUHCEH	December, 2019	2 Weeks	Increase transition rates for First year to Second Year	Rs. 2 Lakh

	through C and Data Structures etc.), for 1 st year B.Tech students							
3.	CRT training classes (Campus Recruitment Training) for B.Tech 3 rd year students	<ul style="list-style-type: none"> • Training in reasoning, analytical skills and also core programming languages and concepts. • Engineering students enhance their employability skills and achieve good placement in various industries 	Dr. D. Vasumathi	TEQIP III JNTUHCEH		Once in a year	Placements in of each and every eligible students with annual package of more than 6.5 Lakhs	Rs. 3 Lakh
4.	For second year students tutorials for subjects like Basic Electrical engineering, Electronic devices and circuits, Engineering drawing	<ul style="list-style-type: none"> • Student training in subject domain • Students have to prepare and present a report on different case studies. 	Dr. D. Vasumathi & Dr. A. Rajani	TEQIP III JNTUHCEH	September, 2019	Twice in a year	Effective transition rates for Second year to Third Year	Rs. 2 Lakh
5.	Training and support women entrepreneur skill development program	<ul style="list-style-type: none"> • To support of entrepreneurial education and training • Better business environment • Promoting entrepreneurship • Actively involved women in the definition, design, development and implementation of policies. 	Dr. D. Vasumathi & Dr. Sunitha Reddy	EDC Cell JNTUHCEH	August, 2019	Once in a year	Economic empowerment of women to contribute to greater gender equality as well as to more job creations and economic development	Rs. 2 Lakh

6.	GATE preparation classes (Only for B. Tech final year students)	<ul style="list-style-type: none"> • Training for engineering core subjects and general ability. • Conducting mock tests and solving previous year question papers. • Buying material for GATE training centers. 	Dr. D. Vasumathi & Dr. M. Sushma	TEQIP III JNTUHCEH	December, 2019	Once in a year	Better understanding of concepts and core subjects	Rs. 6,50,000/-
7.	GRE coaching classes and TOFEL for final year students	<ul style="list-style-type: none"> • Student Training classes for Verbal reasoning, analytical writing Quantitative reasoning, speaking and listening skills. 	Dr. D. Vasumathi & Dr. M. Sushma	TEQIP III JNTUHCEH	November, 2019	Twice in a year	Good opportunities for standard foreign universities. Best outcome of good rank in GATE	Rs. 4,50,000/-
8.	Civil services coaching classes for B.Tech final year students	<ul style="list-style-type: none"> • Training classes for engineering core subjects and general subjects (Economics, Anthropology, history etc.,) 	Dr. D. Vasumathi & Mrs. Rama Devi	TEQIP III JNTUHCEH	December, 2019	Once in a year	Deliver Better public services for Indian citizens	Rs. 4,00,000/-
9.	Provide appropriate infrastructure for physically challenged students	NA	Dr. D. Vasumathi & Dr. A. Arunakumari	TEQIP III JNTUHCEH		As required	Disabled students admissions	Rs. 1,00,000/-
10.	Institute Membership for Professional Bodies(IEEE, ACM, CSI)	<ul style="list-style-type: none"> • Encouraging the students to enroll in professional bodies 	Dr. D. Vasumathi	TEQIP III JNTUHCEH		Once in a year	Research opportunities for students	Rs. 2 Lakh
11.	A two-tier Grievance Redressal Mechanism (GRM)	NA	Dr.E.Ranjee, & Mrs.J.UjwalaRekha	TEQIP III JNTUHCEH		continuous	Number of complaints pending/solved	Rs. 1 Lakh
12.	Ensure that		Dr. D. Vasumathi	TEQIP III		continuous	Different communities	Rs. 1 Lakh

	institutional mechanisms to protect and address the needs and concerns of women students are established	NA	& Dr. M. Nagaratna	JNTUHCEH			of genders	
13.	Peer learning groups of students	NA	Dr. D. Vasumathi	TEQIP III JNTUHCEH		continuous	Students transition rate increased	Rs. 1 Lakh
14.	Participation of students in outstation seminar/workshop/conferences	NA	Dr. D. Vasumathi & Dr. K.P. Supreethi	TEQIP III JNTUHCEH		continuous	Better results in presentation skills, knowledge on subject domain. Upgrading research skills	Rs. 3 Lakh


EAP Coordinator


Coordinator, TEQIP-III


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Telangana State.

What are the three key challenges that is adversely affecting equity?

- Communication Skills and Medium of study in vernacular language
- Soft Skills and Personality Development
- Though the opportunities are available, the students are not aware of the prospects and orientation is lacking.
- Because of the common curriculum, understanding and level of knowledge in subject domain is one the constraint among the students.

What actions are you planning to take/ already initiated to overcome these challenges?

Students Centric :

- Remedial classes to students are in practice in their respective subject domain.
- Students are given focused training on Soft skills, Language skills, and personality development.
- GATE Coaching to all the students is planned.
- Financial assistance to the students during Internship / Project work to meet experimental and travel costs.

Where do you see your institute in 5 years time?

- JNTUHCEH follows and implements State Government Policy on Reservations with respect to Admission of the students to UG & PG programs and admission in to Ph.D program.
- Faculty member's recruitment will be undertaken as per the State Government Policy on Reservations.
- Employment opportunity to SC/ST students will be emphasized and will try to see for 100% placement of the students.
- We would like to emphasize more on the interdisciplinary and multi disciplinary programs of the JNTUHCEH to students who wish to take up admissions under SC/ ST category, to enhance their % in the admissions.
- We wish to provide self employability skills and entrepreneurial skills to SC/ST students to increase number of entrepreneurs / Startups.

EAP-CO-ORDINATOR

CO-ORDINATOR, TEQIP-III

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