

# Bharat Institute of Engineering and Technology

Ibrahimpatnam, Hyderabad, Telangana – 501510



# BHARAT YANTRA

*Department of Mechanical Engineering*

*Year: 2018-19 Volume 5, Issue 1 Annual release*

## Vision of the institute

To achieve the autonomous & university status and spread universal education by inculcating discipline, character and knowledge into the young minds and mould them into enlightened citizens.

## Mission of the institute

To achieve the autonomous & university status and spread universal education by inculcating discipline, character and knowledge into the young minds and mould them into enlightened citizens.



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## Editorial Board

Dr. Janki Saran Soni  
Editor-in-chief  
Dr. C.S. Krishna Prasad Rao  
Sub editor  
Dr. S. Saikumar  
Sub editor

## Student Members:

J Raghavendra  
G Jagadeesh



*We are what our thoughts have made us; so take care about what you think. Words are secondary. Thoughts live; they travel far.*

— Swami Vivekananda

## About Mechanical Department

Mechanical engineers are involved with the design, analysis, testing, manufacturing, control, operation, and maintenance of, any system that has a moving part. It deals with all aspects of the conversion of thermal energy into useful work and the machines that make this possible. If you are intrigued by how things work, fascinated by robots and automobile engines, then mechanical engineering may be the profession for you.



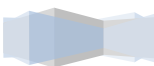
The department of Mechanical Engineering was established in the year 2003 with an initial intake of 60 students and further a section with 60 students is added in the year 2009. The current intake is 120. The department is also offering M.Tech program in CAD/CAM with an intake of 18 students since 2013.

The department houses well equipped state of art laboratories and one center of excellence in which the students are encouraged to do in house research projects. Mechanical Engineering deals with the formulation, design, development and control systems and components involving solid mechanics, dynamics and controls, fluid mechanics, heat and mass transfer, manufacturing and conversion of energy into useful work. Industries that use mechanical engineers are involved in robotics, computer aided design/manufacturing (CAD/CAM), automotive/transportation, air-conditioning and refrigeration and having center of excellence in CAD/CAM domain.

M.Tech (Computer Aided Design / Computer Aided Manufacturing) is a two year full time post-graduate programme started in 2013 with an intake of 18. This course is approved by the All India Council of Technical Education (AICTE) for the students who have a B.E / B. Tech in any Mechanical Engineering. The course is offered by the Department of Mechanical Engineering by highly qualified and experienced teaching faculty.

The Course offers core subjects like Advanced CAD, Advanced FEM, DFM, Precision Engineering, CFD, Numerical Methods, Advanced CAM, Industrial Robotics, DH&PS, FMS, and Automation in Manufacturing etc.

A dedicated project work is taken up by every student for the next two semesters. The project work is of high quality basing used in current industry practices. Project work is supported by leading MNC's and defense laboratories doing state of art research and development.



## Department of Mechanical Engineering

### **\*\*Vision of the Department\*\***

The Mechanical Engineering Department strives to be recognized by creating centers of excellence in the field of Mechanical Engineering and promoting Entrepreneurship with Value-based teaching – learning process.

### **\*\*Mission of the department\*\***

The Mechanical Engineering Department strives to impart quality education to the students by enhancing their skills to make them high quality Mechanical Engineers and to provide state of art research facilities, for the students to enhance their technical knowledge for the development of industry.

## Mechanical Engineering Programme: Objectives and Outcomes

### Programme Educational Objectives (PEOs)

<b>PEO1</b>	The graduates will apply technical knowledge and skills as Mechanical Engineers to provide optimal solutions in industrial and government organizations.
<b>PEO2</b>	The graduates of Mechanical Engineering will pursue advanced education, research and development and other creative and innovative efforts in science, Engineering and Technology, as well as other professional careers.
<b>PEO3</b>	The graduates of the programme will practice professional and ethical responsibilities including the societal impact of Engineering solutions.
<b>PEO4</b>	The graduates of the programme will practice as leaders in their fields of expertise and in activities that support service and economic development nationally and throughout the world.

### Programme Objectives (POs)

<b>PO1</b>	<b>Engineering knowledge:</b> Apply the knowledge in mathematics, science, Engineering fundamentals and an Engineering specialization to the solution of complex Engineering problems.
<b>PO2</b>	<b>Problem analysis:</b> Identify, formulate, research literature, and analyze complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
<b>PO3</b>	<b>Design/development of solutions:</b> Design solution for complex Engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the health and safety, and the cultural, societal, and environmental consideration.
<b>PO4</b>	<b>Conduct investigations of complex problems:</b> Use research-based knowledge and research methods including design of experiments, analysis and interpretation of

	data, and synthesis of the information to provide valid conclusions.
PO5	<b>Modern tool usage:</b> Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.
PO6	<b>The Engineer and society:</b> Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional Engineering practice.
PO7	<b>Environment and sustainability:</b> Understand the impact of the professional Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of need for sustainable development.
PO8	<b>Ethics:</b> Apply ethical principles and commit to professional ethics and responsibilities and norms of the Engineering practice.
PO9	<b>Individual and team work:</b> Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	<b>Communication:</b> Communicate effectively on complex Engineering activities with the Engineering community and with society at large. Some of them are, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.
PO11	<b>Project management and finance:</b> Demonstrate knowledge and understanding of the Engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.
PO12	<b>Life-long learning:</b> Recognize the need for, and have the preparation and ability to engage in independent and lifelong learning in the broadest context of technological change.

### Programme Specific Objectives (PSOs)

PSO1	<b>Professional Skills:</b> The student will be able to apply the knowledge of Mathematics, Sciences and Engineering fundamentals to formulate, analyze and provide solutions to the problems related to Mechanical Engineering and communicate them effectively to the concerned.
PSO2	<b>Problem-Solving Skills:</b> Design Mechanical systems in various fields such as Machine elements, thermal, manufacturing, industrial and inter-disciplinary fields by using various Engineering/technological tools to meet the mercurial needs of the industry and society at large.
PSO3	<b>Practical implementation and testing skills:</b> The ability to grasp the latest development, methodologies of Mechanical Engineering and possess competent knowledge of design process, practical proficiencies, skills and knowledge of programme and developing ideas towards research.

## Department Activities

### Guest Lectures conducted



Mechanical Engineering Department has Conducted One Day Workshop on Non Destructive Testing On 23/02/2019 by Eminent Speakers From DRDL, MIDHANI.

Guest Lecture on "Advanced Manufacturing Techniques" by Dr.Rozario ,Scientist F , DRDL ,Hyderabad, organized by Mechanical Department on 16/02/2019 with number of participants : 70 (B.Tech II YEAR II-Semester ,ME)



Guest Lecture on "Prospects of Welding Engineering for Mechanical Engineers" Engineers by Dr.Mastanaiah ,Scientist F, DRDL ,Hyderabad, organized by Mechanical Department on 16/02/2019 at BIET Campus with number of participants : 40 (B.Tech III YEAR II-Semester ,ME)

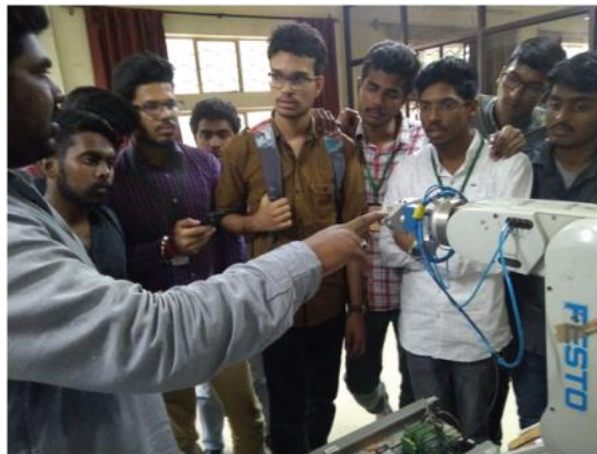


One day Guest Lecture on "Entrepreneur Development by Mr.Neeraj Chandra Jha" organized by Mechanical Department on 15/12/2018 at BIET Campus



### Industrial visits

BIET B. TechIII Year Mechanical Engineering Students visited CITD on September 1st, 2018. CITD is the pioneer institute for providing the training in tool design and advance manufacturing. Our students have got broad exposure to the latest development in manufacturing processes and machines.



BIET B. TechII & III Year Mechanical Engineering Students visited **SOUTH CENTRAL RAILWAY CARRIAGE WORKSHOP** on 12<sup>th</sup> March, 2019 and **Zonal workshop, TSRTC, UPPAL**. Our students have got broad exposure to the real world problems in manufacturing processes and machines.



## Professional chapters

### IE chapter student members

There are 112 student memberships from IE chapter in which we are providing a few in the following table.

S. NO.	ROLL NO	NAME OF THE STUDENT	Membership ID
1	18E15A0314	Arrabiri Pavan Reddy	501510/BIET/MC/00001
2	18E15A0302	Bonikala Ajay Kumar	501510/BIET/MC/00002
3	17E11A0301	Chenreddy Prashanthi	501510/BIET/MC/00003
4	17E11A0323	Chirra Sowsheel Reddy	501510/BIET/MC/00004
5	17E11A0336	Erpula Jeevan	501510/BIET/MC/00005
6	17E11A0316	K. Dheeraj	501510/BIET/MC/00006
7	17E11A0321	Kota Rahul Reddy	501510/BIET/MC/00007
8	17E11A0311	Minnekanti Vamshikrishna Rao	501510/BIET/MC/00008
9	18E15A0307	Nandigama Naga Sankalp	501510/BIET/MC/00009
10	17E11A0315	Palasani Manoj Reddy	501510/BIET/MC/00010
11	17E11A0302	Potharaboina Vaishnavi	501510/BIET/MC/00011
12	18E15A0310	Shenigarapu Sanga Reddy	501510/BIET/MC/00012
13	18E15A0311	Solapuram Sai Kiran	501510/BIET/MC/00013
14	17E11A0324	Thakur Pavan Kalyan	501510/BIET/MC/00014
15	17E11A0329	Vikas. V	501510/BIET/MC/00015
16	17E11A0312	Chittikeshi Shashidhar	501510/BIET/MC/00016
17	17E11A0320	Thaviti Karthik Kumar	501510/BIET/MC/00017
18	17E11A0341	Tere Yadidiah Yuvaraj Teja	501510/BIET/MC/00018
19	18E15A0324	Shaik Saqafee Talaha	501510/BIET/MC/00019
20	18E15A0320	Muthoju Arun	501510/BIET/MC/00020

## R & D activities in the department

### Publicaitons by the faculty

S. No	List of Authors	Title of the Paper	Name of the Journal / Conference	Month & Year of Publication	DOI/ ISBN/Online ISSN
1	Dr.J.S.Soni, Mr.CH.KrishnaReddy, Mr.M.Tharun Kumar Reddy, Mr.M.Venkat Sai Ram	Design and Development of Solar cum manual pelletization plant for production of fuel pellets from forest waste	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3

S. No	List of Authors	Title of the Paper	Name of the Journal / Conference	Month & Year of Publication	DOI/ ISBN/Online ISSN
2	Mrs.G.Krishnave ni, Ms.K.Mounika	Design and Development of tooling and production of GRP liner components	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
3	Dr.J.S.Soni, Mr.A.Suresh, Mr.G.Kranthi, Mr.K.Raju Yadav, Mr.M.Prasad, Mr.CH.Murali	Adoptability analysis of water plasma arc welding for mild steel pieces	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
4	Dr.J.S.Soni, Mr.A.Suresh, Mr.A.Akshay Kumar, Mr.V.Vinay, Mr.S.Saikumar, Mr.CH.Murali	Analysis of Plasma arc cutting for mild steel and stainless steel plates	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
5	Mr.M.Ramdas, Dr.J.S.Soni, B.Balnaik	Study of Machine characteristics during rotary EDM Machining using tools made of Die steel EN24	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
6	Mr.Venugopal, Mr.Shaik Bilal Khaja, Mr.Zainuddini, Mr.Ansari Mohammed, Dr.J.S.Soni	Study on Sintering character	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
7	Mr.J.B.Sajin, Dr.S.prakash, Mr.Babu Aurtherson	Deformation Studies in Natural Plant Fiber Composites Using Finite Element Analysis	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
8	Mr.H.Sandeep, Dr.S.Prakash, Mr.R.Christu Paul	Mechanical Properties of Sintered Tungsten Cu-WC Composites by using Artificial Neural	International Journal of Engineering Computational	June,2018	ISSN 2456-9852, Issue 1, Volume 3

S. No	List of Authors	Title of the Paper	Name of the Journal / Conference	Month & Year of Publication	DOI/ ISBN/Online ISSN
		Networks	Research and Technology		
9	J S Soni, Bikesh Kumar, K. SaiRam , P. Sainath , S. Naveen Reddy , T. Sandeep Reddy	Design and Development of Process and Equipments for Production of Hardboard/ Ply from Forest	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
10	J S Soni, Pravin Kumar, V. Naresh Babu,G. V. Pavan, K. Vineeth, Ashiya Sultana	To Study the Effect of Wind Velocity on Weldability of ASTM A36 Grade Steel using MMAW	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
11	Janki Sharan Soni , E. Avinash, V. Harish, P. John Babu, P. Bangaru Raju, B. Penchala Rao, S. S. Panwar	A Comparative Study of Welding Characteristics of Stainless Steel AISI 321 and Aluminum Alloy 65032 using GTAW	International Journal of Engineering Computational Research and Technology	June,2018	ISSN 2456-9852, Issue 1, Volume 3
12	J S Soni, Bikesh Kumar, G.Jagadesh Babu, P. Sunny Kumar, A. Srikanth	Investigation of Machining Characteristics of High Carbon High Chromium Tool Steel by Using Wire EDM	International Journal of Engineering Computational Research and Technology	Dec 2018	ISSN 2456-9852, Issue 2, Volume 3
13	J S Soni, KandlapallyRajkumar , K Sharathkumar, P Ravinder Reddy, Revalli Jaya Raghavendra	Design and Development of Solar Tiller	International Journal of Engineering Computational Research and Technology	Dec 2018	ISSN 2456-9852, Volume 3, Issue 2
14	J S Soni, C Prashanth, G Mahesh, A S Satish	Design AMD Fabrication of Optimized Vacuum Moulding Machine	International Journal of Engineering Computational Research and Technology	Dec 2018	ISSN 2456-9852, Volume 3, Issue 2

## Student achievements

### Chatra Viswa Karma Awards



B.Tech IV Year–I Semester ( 2018-2019) students team “Mech-B“ secured 2nd level at the regional convention 4<sup>TH</sup> position in national level for Chatra Viswa Karma Awards , under the auspices of AICTE, New Delhi ,held at SRKR Engineering college ,Bhimavaram, Andhra Pradesh ,on 19.11.2018, under Rural Crafting and Livelihood Stream.The project title is “ Manual and Solar Powered Biomass Pelletization from Forest Waste”. The team consists of following members.

Team "Mech- B"

1. Y.Swetha (Team Leader)
2. E .Sathish Kumar
3. T.Yagna Sai Kumar
- 4.K.Sudheer Kumar
- 5.Prof.J.S.Soni (Guide and Mentor)
- 6.P.Srinivasa Kumar,Assistant Professor (Mentor).

## Training and placement activities

### Campus Recruitment Training Program:

- To train the students to meet the expectations of the industry through our Campus Recruitment Training (CRT) program.
- To provide exposure to the students about the happenings with various Industries through our Institute- Industry Collaboration. This is to make them understand the dynamic industrial environment and to keep them updated technically.
- To provide excellent placement support to our students by inviting eminent recruiters to our Institution recruit them through our Campus Recruitment Program.

### Task Schedule:

S.No	Name of service offering	Duration	Dates	Branch
1.	Orientation session	2 hrs(IV /IIIYRS)	21 July, 2018	ECE/CSE/EEE/CIVIL/MECH
2.	Personal Skills	2 Days (IV YRS)	17th and 18th Sept, 2018	CSE/ECE
3.	Personal Skills	2 Days (III YRS)	19th and 20th Sept, 2018	EEE/ECE
4.	Organization & Interview Skills (WORK SHOP)	2 Days(IV Yrs)	17th and 18th sep, 2018	ECE/CSE

S.No	Name of service offering	Duration	Dates	Branch
5.	Organization & Interview Skills	2 Days (III Yrs)	21st and 22nd sept, 2018	EEE/IT/Mech/Civil
6.	Autocad User Level	3 Days	24th and 27th sep, 2018	MECH/CIVIL
7.	TEP Orientation	1 Day	27 Sept, 2018	II Year All Branches
8.	Career Awareness on Emerging Technologies	1 Day	27 Oct, 2018	III yr CSE, ECE
9.	Mentor Talk on Cyber Security(WORK SHOP)	3 Hrs	3 Nov, 2018	III yr CSE, ECE
10.	Oracle Database Programming with Sql	3 Days	1, 2, 3 Nov, 2018	IV CSE/IT

**List of personality and development activities through campus recruitment training (CRT):**

S.No	Program/Session	Name Of The Company/Trainer	Target Students	Topic/Visit/ Feedback	Date
1	SAP ABAP (Fast Track)	Mr.G.Tulasi Ram	IV CSE/EEE/ECE	Good	25-3-19 To 6-3-19
2	personality development	kamal pabba, testme and hireme director	III YR	GOOD	28-2-2019
3	Pre-placement Training Cognizant Drive	Mr..Prashanth Trainer Path Creators	IV yr CSE/ECE	GOOD	27-2-2019 &28-2-2019
4	Training on "How to Face an Interview"		IV MECH	GOOD	14-2-2019
5	(TechnicalTraining) C	FACE	III ECE,MECH, CIVIL	Good	SEM-II
	(TechnicalTraining) JAVA 3.1	FACE Ms.Sanjana	III CSE C,D	Good	5.03.2019
6	(TechnicalTraining) JAVA 2.1	FACE Ms.Sanjana	III CSE C,D	Good	5.03.2019
7	(TechnicalTraining) JAVA 2.1	FACE Ms.Sanjana	III CSE IT	Good	6.02.2019
8	(TechnicalTraining) JAVA 2.1	FACE Ms.Sanjana	III CSE C,D	Good	5.02.2019

S.No	Program/Session	Name Of The Company/Trainer	Target Students	Topic/Visit/ Feedback	Date
9	(TechnicalTraining) JAVA 2.1	FACE Ms.Sanjana	III CSE C,D	Good	4.02.2019
10	(TechnicalTraining) JAVA 1.2	FACE Ms.Sanjana	III CSE IT	Good	30.1.2019 .01.2019
11	(TechnicalTraining) JAVA 1.2	FACE Ms.Sanjana	III CSE C,D	Good	28.1.2019
12	(TechnicalTraining) JAVA 1.1	FACE Ms.Sanjana	III CSE C,D	Good	09.01.2019 23.01.2019
13	(TechnicalTraining) JAVA 1.1	FACE Ms.Sanjana	III CSE C,D	Good	08.01.2019 22.01.2019
14	(TechnicalTraining) JAVA 1.1	FACE Ms.Sanjana	III CSE A,B	Good	07.01.2019 21.01.2019
15	Digital Marketing	Varun Ellanky Corparate Trainer Founder Dgital Ellanky & Digital marketing	III-ECE	GOOD	22-2-2019
16	Technical Training ORACLE DATABASE PROGRAMMING with SQL	TASK Mr. Vamshidhar Reddy Palle, Technical Trainer, TASK	IV YR CSE	GOOD	1-11-2018 TO 3-11-2108
17	Mentor Talk On Cyber Security Essentials.	Maduri Krishna Chaitanya Security Reacher &Cyber Forensics Investigator	III YR	GOOD	3 NOV 2018
18	Career Awareness on Emerging Technologies	T.Sharath Babu Director,Product Development oracle India Pvt.Ltd	200 (CSE/ECE) III YRS	GOOD	27-10-18
19	TEP Orientation	TASK	250 (CSE IIYR)	GOOD	27-9-18
20	Autocad User Level	TASK Ms.M.Rajitha Reddy (Trainer TASK)	24 (MECH/CIVIL)	GOOD	24-9-18 & 27—9-18



S.No	Program/Session	Name Of The Company/Trainer	Target Students	Topic/Visit/Feedback	Date
21	Organization & Interview Skills (WORK SHOP)	Speaker: Mr.Narender Reddy	45	GOOD	21-9-18 & 22-9-18
22	Organization & Interview Skills (WORK SHOP)	TASK MS. Nidhi Bandaru	76	GOOD	19-9-18 & 20-9-18
23	Organization & Interview Skills (WORK SHOP)	TASK	100	GOOD	17-9-18 & 18-9-18
24	Personal Skills	TASK Mr.Daniel Raj (Soft skills Trainer)	35 Task Registered (MECH & CIVIL)	GOOD	19-9-18 & 20-9-18
25	Personal Skills	TASK MS. Nidhi Bandaru	75 Task Registered CSE,ECE	GOOD	17-9-18 & 18-9-18
26	AUTO CAD	INHOUSE	II, III MECH	GOOD	SEM-I
27	ANSYS	INHOUSE	IV MECH	GOOD	SEM-I
28	Aptitude	FACE	III CSE/IT/MECH/ ECE/EEE/CIVIL	AVERAGE	SEM-I
29	JAM	FACE	III CSE/IT/MECH/ ECE/EEE/CIVIL	AVERAGE	SEM-I
30	GROUP DISCUSSION	FACE	III CSE/IT/MECH/ ECE/EEE/CIVIL	AVERAGE	SEM-I
31	Summer Training AutoCAD and Manual Drawings	INHOUSE Ms.Reshmi Ms.Sailaja	II CIVIL	GOOD	June
32	Summer Training AUTO CAD	INHOUSE	II MECH	GOOD	June
33	Summer Training SOFT SKILLS	INHOUSE ENG DEPT	II MECH	GOOD	June



### List of career planning activities conducted:

S.No.	Name of Service Offering	Duration	Dates	Students Attended
1	Orientation session	2 hrs(IV /IIYRS)	21 July, 2018	ECE/CSE/EEE/CIVIL/MECH
2	Personal Skills	2 Days (IV YRS)	17th and 18th Sept, 2018	CSE/ECE
3	Personal Skills	2 Days (III YRS)	19th and 20th Sept, 2018	EEE/ECE
4	Organization & Interview Skills (WORK SHOP)	2 Days(IV Yrs)	17th and 18th sep, 2018	ECE/CSE
5	Organization & Interview Skills	2 Days (III Yrs)	21st and 22nd sept, 2018	EEE/IT/Mech/Civil
6	Autocad User Level	3 Days	24th and 27th sep, 2018	MECH/CIVIL
7	TEP Orientation	1 Day	27 Sept, 2018	II Year All Branches
8	Career Awareness on Emerging Technologies	1 Day	27 Oct, 2018	III yr CSE, ECE
9	Mentor Talk on Cyber Security(WORK SHOP)	3 Hrs	3 Nov, 2018	III yr CSE, ECE
10	Oracle Database Programming with Sql	3 Days	1, 2, 3 Nov, 2018	IV CSE/IT
11	Oracle IDC visit (3 students got the opportunity)	1 Day	9th Oct, 2018	Mahendra koppera(cse), Sravani reddy, Harishma reddy

### NSS activities

**BIET JNTUH NSS UNIT CODE NUMBER: 90-32-06-0016-001 to 100**

**BIET Received NSS Grant of Rs. 44,500-00 for the year 2018-2019 from JNTUH University, Hyderabad.**

BIET-NSS under “HELPING HANDS CLUB” has been trying to reflect the essence of democratic living and to uphold the need for self-less service. It has taken up many initiatives to help the needy. It is also trying to inculcate among students the need of being selfless and share their valuable services for the upliftment of the society. Every year 200+ students get enrolled for NSS and conducted number of activities.



A few of the activities conducted under NSS are listed below:

S. No.	Date	Event	Organized at
1	19/03/19	The role of students for the progress of our country	BIET NSS CELL
2	11/03/19-16/03/19	Special village camp	Toolekalan village, Ibrahimpatnam (Mandal), Ranga Reddy Dt.
3	03-02-2019	Empowering Women through Health and Hygiene	JN Auditorium, JNTUH University, Kukatpally, Hyderabad
4	24/02/2019	Vikalanga sahayta camp	Community Hall Nagarjuna Nagar, Ameerpet by Sarojini Naidu Mahila Association
5	23/02/2019	Value of Service in National Building	R.K.Matt
6	16/02/2019	Candle rally for rip soldiers	BIET NSS CELL
7	02-05-2019	Swatch bharaat program	BIET NSS CELL
8	02-03-2019	5k-run cancer awareness rally	People's plaza towards necklace road by iskon
9	02-03-2019	5k-run cancer awareness rally	Saroornagar stadium, l.b. nagar, hyderabad by yashoda cancer institute, malakpet
10	02-02-2019	Jntu youth festival	Nss cell, jntuh, hyderabad
11	24/01/2019	College level youth festival	Biet nss cell
12	23/01/2019	Vivek band be good do good	R.k.matt by samskruthi foundation
13	18/01/2019	Guiding light foundation	Ravindra bharti



Empowering Women through Health and Hygiene



Vikalanga sahayta camp



Value of Service in National Building



Guiding Light Foundation, Ravindra Bharati



JNTU Youth Festival under NSS



Special village camp

## Student club activities

### College level clubs list:

S.No	Name of the Club	Categories
I	Cultural Clubs	Singing Club
		Musical Instruments Club
		Drama /Mono action/Skit Club
		Mime/Mimicry Club
		Dance Club: a)Classical Dance & b)Western Dance
II	Literary Clubs	Debate Club
		Orators / Toastmasters Club
		Quiz Club
		Poetry Club
III	Art Clubs	Painting Club
		Photography Club
		Rangoli/Mehandi
		Pottery Club
IV	Sports & Games Clubs	Basket Ball Club
		Throw Ball Club
		Tennis Club
		Chess Club
		Table Tennis Club
		Volley Ball Club
		Football Club
		Cricket Club
V	Technical Clubs	Robotics Club
		Mathematics Club
		Physics Club
		Any other related to your department



Rangoli, Mehndi, Kites competitions were conducted on the occasion of Pongal Festival at our BIET campus, Mangalpally on 13th January 2019

## Student participation in co-curricular and extra curricular activities

### Inter institution sports participation by the students

S.No	Name	Event/Sport	Place	Participation level
1	M.D Zeeshan	Cricket	Sports meet at C.V.R College 15th – 22nd Dec 2018	Participation
2	CH. Manikanta	Cricket	Sports meet at C.V.R College 15th – 22nd Dec 2018	Participation
3	Mothilal	Basket ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
4	G. Koti reddy	Kabaddi	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
5	K. Saikiran	Kabaddi	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
6	N. Anil	Kabaddi	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
7	Shaik	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
8	Sumanth	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
9	Diraj	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
10	Shyam	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
11	Dinesh	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation
12	Artik	Foot ball	Sports meet at ANURAG GROUP OF INSTITUTIONS, 4th – 5th Jan 2018-19	Participation

## Campus Events

### ORIENTATION PROGRAM 2018 FOR FIRST YEAR



Orientation Program 2018 for the First Year B.Tech Students was celebrated on 5th August 2018 at BIET Campus. Students along with their parents were present at the function.

### National Youth Day Celebrations



We celebrated National Youth Day on 29<sup>th</sup> Jan 2019 at BIET and conducted a rally along with Vivekananda Centre of Human Excellence.

### Womens' Day celebrations



We celebrated Womens Day at BIET Campus on 8th March, 2019

## Republic Day



We celebrated 70<sup>th</sup> Republic Day on 26<sup>th</sup> Jan 2019 at BIET campus.

## TechFest 2K19



Techfest 2k19 events for all departments organized on 29<sup>th</sup> march 2019 and 30<sup>th</sup> march 2019. We, Department of Mechanical Engineering, conducted technical events titled as 'Mechadroids'. Students from all over the colleges have participated both technical and non-technical events.



## Project Day 2K19



We conducted Project day at Department of mechanical engineering on 13<sup>th</sup> April 2019. Students have participated enthusiastically and exhibited their working prototypes of the projects. Our professors also had selected good projects and elected them as best projects of the year.



*We are shaped by our thoughts;  
we become what we think. When  
the mind is pure, joy follows like a  
shadow that never leaves.*



- Gautama Buddha



## **BHARAT**

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