

Bharat Institute of Engineering and Technology

Ibrahimpattam, Hyderabad, Telangana – 501510



BHARAT YANTRA

Department of Mechanical Engineering

Year: 2017-18 Volume 4, 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

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EDITORIAL TEAM

Dr. Janki Saran Soni
Editor-in-chief
Dr. S. Saikumar
Sub editor
Mr. J.N.M. Rao
Sub editor
Student Members:
K.Sai Sri Harsha
K Harikanth

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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)

PEO1	The graduates will apply technical knowledge and skills as Mechanical Engineers to provide optimal solutions in industrial and government organizations.
PEO2	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.
PEO3	The graduates of the programme will practice professional and ethical responsibilities including the societal impact of Engineering solutions.
PEO4	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)

PO1	Engineering knowledge: Apply the knowledge in mathematics, science, Engineering fundamentals and an Engineering specialization to the solution of complex Engineering problems.
PO2	Problem analysis: Identify, formulate, research literature, and analyze complex Engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and Engineering sciences.
PO3	Design/development of solutions: 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.
PO4	Conduct investigations of complex problems: 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	Modern tool usage: 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	The Engineer and society: 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	Environment and sustainability: Understand the impact of the professional Engineering solutions in societal and environmental contexts, and demonstrate the knowledge of need for sustainable development.
PO8	Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the Engineering practice.
PO9	Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
PO10	Communication: 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	Project management and finance: 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	Life-long learning: 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	Professional Skills: 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	Problem-Solving Skills: 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	Practical implementation and testing skills: 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.

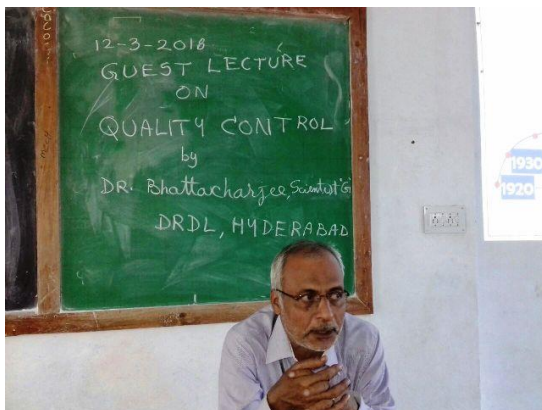


Department Activities

Guest Lectures conducted



One Day Guest Lecture on “Coordinate measuring technology applied to Missiles mfg” for the B.Tech Mechanical students on 22 March 2018.



One day seminar on “Quality Control” for the B.Tech Mechanical students organized by the department of mechanical engineering on 12th March 2018 at BIET campus.



One day Guest lecture on “Nature and Nature, Nature and Culture, Gender and Sex” on 22nd Feb 2018. The event that took place in BIET auditorium for all the II year students. The speaker for the lecture was retired IAS and Prof. Chandana Khan, who works for the welfare of the rural people.



The Department of Mechanical conducted a One Days Guest Lecture on “Advances in Welding Technologies” by Sri C. V. S. Murthy, Director of Advanced Manufacturing process, Hyderabad for III B.Tech Mechanical Students on 18th September, 2017.



The Department of English conducted a One Days Guest Lecture on “Awareness and counseling towards Gender Sensitization” for II B.Tech Students of all branches on 27th July, 2017. Resource Person: Dr. Annie Pothen, Ph.D Gold Medalist, Osmania University, Hyderabad.

Workshops conducted



Two DAY Workshop on Robotics for the B.Tech Mech. Students organized by IIT VARANASI in collaboration with Innovians Technologies was organised on 5th and 6th march 2018 at BIET Campus. The students created 5 projects of Robots with Voice Recognition, Bluetooth Device, and Obstacle distractor .40 students enthusiastically participated in the workshop.



Professional chapters

Faculty Memberships

S. No.	Membership	Name	Validity
1	FIE INDIA	Dr.J. S . SONI	LIFE TIME
2	MSME	Dr.J.S. SONI	LIFETIME
3	MSAQR	Dr.J.S. SONI	LIFETIME
4	MEMBER OF INDIAN INSTITUTE OF METALS	Dr.J.S. SONI	LIFETIME
5	MINSAEAM	Dr.J.S. SONI	LIFETIME
6	ISTE	Dr.T.Tirupati	LIFETIME
7	MEMBER OF COMBUSTION INSTITUTE	Dr.T.Tirupati	LIFETIME
8	INFORMS	Mr. D. GOVIND	ANNUAL
9	ISTE & 27538	T.PRAVEEN	LIFE TIME
10	AMIE & AM1143673	T.PRAVEEN	LIFE TIME
11	IEEE & 93664410	G.RAMAKRISHNA REDDY	2018
12	OPERATIONAL RESEARCH SOCIETY ,UK & 020835	G.RAMAKRISHNA REDDY	2017
13	THE INDIAN SOCIETY FOR TECHNICAL EDUCATION	DAYAL SARAN P	LIFE TIME
14	IAENG 179465	G RAMA KRISHNA REDDY	LIFE TIME
15	IAENG 172438	ANUP KUMAR JANA	LIFE TIME
16	IASTER	ANUP KUMAR JANA	2020
17	IAENG 185870	KESHETTY CHINMAYI	LIFE TIME
18	IAENG 185869	KODE MOUNIKA	LIFE TIME
19	INDIAN INSTITUTE OF PLANT ENGINEERS	SHUBASH CHANDER	LIFE TIME
20	IAENG 187567	VINOD KUMAR S	LIFE TIME
21	IAENG	Dr. KVP CHAKRADAR	LIFE TIME
22	IAENG, ISTE	Dr.S.Sai Kumar	Life Time
23	IAENG	Mr.T.Govardhan	Life Time
24	IAENG	Mr.B.Suresh Kumar	Life Time
25	IAENG	Mr.N.Rajashekar	Life Time
	IAENG	Ms. A.NvyaSree	Life Time
28	IAENG	Mr.K.Raju	Life Time
29	IAENG	Ms.G.Krishnaveni	Life Time
31	IAENG	Ms.B.Mounika Naidu	Life Time
32	IAENG	Mr.G.Madhubabu	Life Time
33	IAENG	Mr.T.Ramachandru	Life Time



S. No.	Membership	Name	Validity
34	IAENG	Mr.K.Prudvi Raj	Life Time
35	IAENG	Mr.M.Yashwanthkumar	Life Time
36	IAENG	Mr.Manoj Kumar Kar	Life Time
37	IAENG	Mr.Shivaraj.koti	Life Time
38	IAENG	Mr.J.N.M.Rao	Life Time
39	IAENG ,MIE,MISTE	Mr.P.Keshav	Life Time
40	IAENG	Mr.A.Suresh	Life Time
41	ISTE,IAENG	Dr.S.Prakash	Life Time
42	The Indian Society for Technical education LM67756	Mr.Varun	Life Time
43	IAENG	Mr.P.VenuGopal	Life Time
44	Institute of Engineers India M-152885-2,The Indian Institute of Valuers CAT-VII/F-4415	Mr.M.VidhyaSagar	Life Time
45	IAENG	Mr.Harish Kumar	Life Time
46	IAENG, ISTE	Mr.Bikesh Kumar	Life Time
47	IAENG	PradeepM.Charan	Life Time
48	IAENG	M.S.V.SundaraRao	Life Time
49	IAENG	Mr.CH.Ravikishore	Life Time
50	IAENG	Murali	Life Time
51	IAENG	Venkat	Life Time

ISTE Student Chapter Student Memberships

S. NO.	ROLL NO	NAME OF THE STUDENT	BRANCH	ADMISSION YEAR
1	17E11A0301	CHENREDDY PRASHANTHI	MECHANICAL	2017
2	17E11A0302	POTHARABOINA VAISHNAVI	MECHANICAL	2017
3	17E11A0303	MADDULURI SAI PRAKASH	MECHANICAL	2017
4	17E11A0305	THALASANI PRANEETH REDDY	MECHANICAL	2017
5	17E11A0306	GANDRA VARSHITH	MECHANICAL	2017
6	17E11A0307	DANDU HRISHIKESH REDDY	MECHANICAL	2017
7	17E11A0308	PANDIRI VAMSHI	MECHANICAL	2017
8	17E11A0310	AVIRINENI RISHIDHAR RAO	MECHANICAL	2017
9	17E11A0312	CHITIKESHI SHASHIDHAR	MECHANICAL	2017
10	17E11A0313	PONNA DINESH REDDY	MECHANICAL	2017
11	17E11A0314	LUCKY SANI SHIVA PRASAD GOUD	MECHANICAL	2017
12	17E11A0316	K DHEERAJ	MECHANICAL	2017
13	17E11A0320	THAVITI KARTHIK KUMAR	MECHANICAL	2017
14	17E11A0324	THAKUR PAVAN KALYAN	MECHANICAL	2017



S. NO.	ROLL NO	NAME OF THE STUDENT	BRANCH	ADMISSION YEAR
15	17E11A0325	CHINTALAPATI MANIKANTA SARMA	MECHANICAL	2017
16	17E11A0328	NENAVATH ANIL NAYAK	MECHANICAL	2017
17	17E11A0329	VIKAS V	MECHANICAL	2017
18	17E11A0335	ANATHI JAGADISH	MECHANICAL	2017
19	17E11A0338	KASIREDDY JITENDER REDDY	MECHANICAL	2017
20	17E11A0341	T YADIDIAH YUVARAJ TEJA	MECHANICAL	2017
21	17E11A0355	RAGIPANI SANJAY	MECHANICAL	2017
22	17E11A0359	VENKATA DAS MEDISETTI	MECHANICAL	2017

ISTE Student Chapter Student Memberships

S.No	H T No	Name of the Student	Validity
1	14E11A0316	CHINTHI REDDY KERISHNA REDDY	Lifetime
2	14E11A0317	DHUKANAM NARESH	Lifetime
3	14E11A0319	SOMA LAKSHMANA CHARY	Lifetime
4	14E11A0320	GAMANNAGARI PAVAN KUMAR REDDY	Lifetime
5	14E11A0321	GUDUGU KRANTHI KUMAR REDDY	Lifetime
6	14E11A0322	JAKKULA PRASHNATH	Lifetime
7	14E11A0323	JATAVATH PRASHANTH	Lifetime
8	14E11A0324	KALWA CHANDRA SHEKAR REDDY	Lifetime
9	14E11A0325	KANYAMONI RAJ YADAV	Lifetime
10	14E11A0326	KASINEEDI MANI KUMAR	Lifetime
11	14E11A0327	KATNAM PREETHAM REDDY	Lifetime
12	14E11A0328	KEMISETTY MALLIKARJUN	Lifetime
13	14E11A0329	SK. ANANTH REDDY	Lifetime
14	14E11A0330	KHAZA ZAINUDDIN ANSARI	Lifetime
15	14E11A0331	KOKKULA SAI SRIHARSHA	Lifetime
16	14E11A0332	KOMMAGONI VENKANNA	Lifetime
17	14E11A0333	KUMBHAM SANTHOSH	Lifetime
18	14E11A0334	KUMMARI HARINATH	Lifetime
19	14E11A0335	S RAVI TEJA	Lifetime
20	14E11A0336	LAISHATTI SANDEEP	Lifetime
21	14E11A0337	MACHA PRASAD	Lifetime
22	14E11A0338	MANTHRI SAI CHAND	Lifetime
23	14E11A0339	MD SHOEB AHMED	Lifetime
24	14E11A0340	MOHAMMAD SIDDEEK AHMED	Lifetime
25	14E11A0341	MUDHI REDDY THARUN KUMAR REDDY	Lifetime
26	14E11A0342	MYNEEDI VENKATA SAI RAM	Lifetime



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	DOI/ ISBN/Online ISSN
1	Mr.M..Tharun kumar, Ms.M.Sumalatha, Mr.J.Nagamalleswar rao	Experimental Investigation of impact strength for A B S Plus F.D.M Parts using taguchi	International Research Journal of Engineering and Technology	09th September-2017	ISSN 2395-0056
2	Dr. C. S. Krishna Prasada Rao, J. N. Malleswara Rao, M. Pradmod Kumar Reddy, M. Revanth Kumar	Optimization of Shear Spinning Parameters for Production of Seamless Rocket Motor Tube by Taguchi Method	IOSR Journal of Mechanical and Civil Engineering	SEPTEMBER 22-23&2017	ISSN 2278-1684, p-ISSN: 2320-334X
3	Dr. S. Prakash, Dr. J.B. Sajin , H.Sandeep.	Finite Element Analysis for Deformation Studies in Natural Fiber (Human Hair) Composites	International Journal of Applied Engineering Research	NOV 9 2018	ISSN 0973-4562 Volume 13
4	Dr.S.Prakash, Mr.Varun Savadi , Mr.Vidyasagar Matta.	Mechanical Properties of Rice-Powder and Maize- Powder Reinforced Polyester Resin Composites	International journal of innovative research explorer	FEB/2018	ISSN NO: 2347-6060 VOLUME 5, ISSUE 2, FEB/2018
5	Mr.Manoj Kumar Kar	“Optimize new product development cycle time through implementation of product data management”	International journal of production technology and management	OCT-5-2018	PAPER ID - IJPTM_08_01_001
6	Mr.P. Keshav	Experimental Investigations to Augment the Heat Transfer rate in a Double pipe heat Exchanger using tube Inserts.	IJERT	Dec 2017	ISSN_ 2278-0181, Vol 6 Issue 12
7	Mr. A Suresh Dr.G Diwakar	Reliability optimization analysis and improvement	International journal of advanced research	1st jan 2018	ISSN- 2320-2882



S.No.	List of Authors	Title of the Paper	Name of the Journal / Conference	Month & Year	DOI/ ISBN/Online ISSN
			methodology in engineering and technology		
8	Mr.A Suresh Dr. G. Diwakar	Analysis, investigation and testing of adaptability of plasma arc welding for mild steel plates	International journal of mechanical engineering & technology	26-April 2018	Paper ID: IJMET_09_04_082, ISSN Online: 0976-6359
9	Mr. A Suresh Dr.G Diwakar	Hazard rate diagnosis and maintenance formulation	International journal of scientific and engineering research (IJSER)	Feb 2 - 2018	ISSN- 2229-5518, Vol-9, Issue 5.
10	Mr.J.Nagamalleswararao Dr.C.S.Krishnaprasad Rao Mr .M.Pramod kumar reddy Mr.M.Revanth kumar	Optimization of Shear spinning parameters for production of seamless Rocket motor Tube by Taguchi Method	1ST National conference on innovative approaches	SEPTEMBER 22-23&2017	SEPTEMBER 22-23&2017
11	Mr.J.Nagamalleswararao Mr A.Chennakesava Reddy Mr.P.V.Rama rao	Experimental Evaluation of the Influence of process parameters on Surface Roughness in Components produced by 3-D Printing(FDM)	2nd International Conference on innovations in Engineering	21&22 December, 2017	21&22 December, 2017
12	Mr.J.Nagamalleswararao Mr.M.Tharun Kumar	Experimental Investigation of process Parameters on impact strength of A B S F.D.M.Components	1st International Conference on innovations in Mechanical Engineering (ICIME-2018)	-	5-6 January 2018

List of faculty pursuing Ph.D

S.No	Name	Designation	University
1	Mr. B.SURESH KUMAR	Assistant professor	Vignan University
2	Mr.A. SURESH	Assistant professor	KLU
3	Mr.J.NAGA MALLESWARA RAO	Associate Professor	JNTUH



List of faculty Ph.D awarded

S.No	Name	Designation	University
1	Mr.S.MOHAN BABU	Professor	VTU
2	Mr.T.Govardhan	Associate Professor	Sir Padampat Singhanian University

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.

Training for Placements Cell CO-CUBES Assessment Plan for II & III Years (2017-18)

Venue: Lab 4

Duration: 90 min

YEAR	WEEK	10:00-11:30AM	12:00-1:30PM	2:00-3:30PM	TR-CO-ORD
III	1	CSE-A	ME-B	IT	MR.SRINIVAS MS FARHANA MR.MOHAN
	2	ECE-A	ME-A	EEE-B	
	3	CSE-B	EEE-A	CSE-C	
	4	ECE-B	ECE-C	ECE-D	
	5	CSE-D	CIVIL-A	CIVIL-B	
II	1	CSE-B	EEE-A	CSE-C	MS.SHAILAJA MS.ARATI MS.RUTH
	2	ECE-B	ECE-C	ECE-D	
	3	CSE-D	CIVIL-A	CIVIL-B	
	4	ECE-A	ME-A	EEE-B	
	5	CSE-A	ME-B	IT	

CRT activity summary:

Name of the CRT Activity	2017-2018
Training programs	1
Career Guidance	2
Personality Development	1
Industry visits	2
Assessment Tests	1

S. NO.	PROGRAM / SESSION	NAME OF THE COMPANY / TRAINER	TARGET STUDENTS	TOPIC / VISIT / FEEDBACK
1	CRT	FACE	II & III	EXCELLENT
2	ACTIVITIES	FACE	I	EXCELLENT
3	ORIENTATION	FACE	II & III	EXCELLENT

S. NO.	PROGRAM / SESSION	NAME OF THE COMPANY / TRAINER	TARGET STUDENTS	TOPIC / VISIT / FEEDBACK
4	TECHNICAL DOMAIN	NASSCOM	IV	EXCELLENT
5	INTERVIEW	GOOGLE	I	EXCELLENT

LIST OF CAMPUS RECRUITMENT DRIVES CONDUCTED

S. NO.	NAME OF THE COMPANY	DATE	PLACE	TARGET STUDENTS
1	GENPACT	06/01/2018	HYDERABAD	2018 PASSOUT
2	Cyient Software Technologies	10/11/2017	HYDERABAD	2018 PASSOUT
3	Elation Pvt. Ltd.	03/10/2017	HYDERABAD	2018 PASSOUT
4	Surya Tech Solutions	16/12/2018	HYDERABAD	2018 PASSOUT
5	Sumeru Group	06/01/2018	HYDERABAD	2018 PASSOUT
6	Pinnacle Generators Ltd.	06/01/2018	HYDERABAD	2018 PASSOUT
7	Meeci Engineering Group	06/01/2018	HYDERABAD	2018 PASSOUT
8	Prompt Personnel	06/01/2018	HYDERABAD	2018 PASSOUT

Placement Details

S.No.	Name	Roll No	Company
1	KAZIPETA SAINAVEEN	14E11A0358	CYIENT
2	VISHAL N.PUJARI	14E11A0376	CYIENT
3	RUDRANGI SAI SATHWIK	14E11A0369	CYIENT
4	G.JAGADESH BABU	14E11A0375	CYIENT
5	PRATAP KUMAR RANA	14E11A0361	CYIENT
6	SHON ABRAHAM EASO	14E11A0371	CYIENT
7	A.Prem Kumar Reddy	14E11A0302	SURYA TECH
8	K.SaiSathwik	14E11A0369	SURYA TECH
9	G.JagdeeshBabu	14E11A0375	SURYA TECH
10	P.saiKiranGoud	14E11A0344	SURYA TECH
11	V.vinay	14E11A0356	SURYA TECH
12	K.Mallikarjun	14E11A0328	SURYA TECH
13	J.Prashanth	14E11A0322	SURYA TECH
14	M.VenkataSairam	14E11A031	SURYA TECH
15	T.Gopichand	14E11A0338	PERAM GROUPS
16	SaiSathwiik	14E11A0369	PERAM GROUPS
17	Praveen Reddy	14E11A0357	PERAM GROUPS
18	Vinay	14E11A0356	PERAM GROUPS
19	Akshay Kumar	14E11A0346	PERAM GROUPS
20	Prem Kumar	14E11A0364	PERAM GROUPS
21	Sai Kumar	14E11A0350	PERAM GROUPS
22	JagdeeshBabu	14E11A0375	PERAM GROUPS
23	S.Sathwik	14E11A0369	EUREKA
24	G.JagdeeshBabu	14E11A0375	PINNACLE GENERATORS
25	Saisathwik	14E11A0369	PINNACLE GENERATORS
26	T.Gopi	14E11A0351	PINNACLE GENERATORS



S.No.	Name	Roll No	Company
27	Praveen Reddy	14E11A0357	PINNACLE GENERATORS
28	Sai Naveen	14E11A0358	PINNACLE GENERATORS
29	RanaPratapreddy	14E11A0361	PINNACLE GENERATORS
30	I. Nikhil	14E15A0380	PINNACLE GENERATORS
31	S.Sathwik	14E11A0369	KARVY DATA MANAGEMET
32	J.Prashanth	14E11A0322	KARVY DATA MANAGEMET
33	Y.Praveen Reddy	14E11A0357	SHUBHAGRUHA PROJECTS
34	Akshay Kumar	14E11A0346	SHUBHAGRUHA PROJECTS

MOU with SAP Education Partner

BIET entered into MOU with SAP Education Partner for setting-up an on-campus training center at BIET to provide SAP Consultant Courses to the students of BIET.



MOU with M/s PEEBAE Renewal India Pvt Ltd

BIET entered into MOU with M/s PEEBAE Renewal India Pvt Ltd., Company leading Biogas Plant Supplier.



Project Day 2k18 appreciation

Year: IV – II

Section: A

Sl.No	Roll.No	Student Name	PRIZE	PROJECT TITLE
1	13E11A0308	D. RISHIKESH	Innovation and Rs.20000	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL
2	14E11A0302	AILURI PREAMKUMAR REDDY	Appreciation	DESIGN AND DEVELOPMENT OF SOLAR VACCUM CLEANER
3	14E11A0305	RAJPUT BHARATH BHUSHAN SINGH	Appreciation	DESIGN ANALYSIS AND MANUFACTURE OF DOUBLE WISHBONE SUSPENSION SYSTEM
4	14E11A0306	ASHALA SRIHARSHA	Innovation and Rs.20000	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL
5	14E11A0309	BALLARI SANTOSH KUMAR	Innovation and Rs.20000	DESIGN & DEVELOPMENT OF SOLAR POWERED SEED SOWING MACHINE
6	14E11A0311	B. KALYAN KUMAR	Innovation and Rs.20000	DESIGN & DEVELOPMENT OF SOLAR POWERED SEED SOWING MACHINE
7	14E11A0312	BOLLAM RAHUL	Appreciation Rs.5000	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROOLED LAND MINE DETECTING ROBOT
8	14E11A0314		Appreciation	DESIGN AND DEVELOPMENT OF SOLAR VACCUM CLEANER
9	14E11A0315	CHINTHA ANEESHCHANDR A	Appreciation Rs.5000	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROOLED LAND MINE DETECTING ROBOT
10	14E11A0316	CHINTHIREDDY KRISHNA REDDY	Innovation and Rs.25000	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE
11	14E11A0317	DHUKANAM NARESH	Innovation and Rs.20000	DESIGN & DEVELOPMENT OF SOLAR POWERED SEED SOWING MACHINE
12	14E11A0322	JAKKULA PRASHANTH	Innovation and Rs.20000	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL
13	14E11A0324	KALWA CHANDRA SHEKAR REDDY	Appreciation Rs.5000	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROOLED LAND MINE DETECTING ROBOT
14	14E11A0326	KASINEEDI MANI KUMAR	Innovation and Rs.25000	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE
15	14E11A0327	KATKAM PREETHAM	Innovation and Rs.20000	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL

Sl.No	Roll.No	Student Name	PRIZE	PROJECT TITLE
		REDDY		
16	14E11A0328	KEMISETTY MALLIKARJUN	Appreciation Rs.5000	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROLLED LAND MINE DETECTING ROBOT
17	14E11A0331	KOKKULA SAISRIHARSHA	Appreciation	DESIGN ANALYSIS AND MANUFACTURE OF DOUBLE WISHBONE SUSPENSION SYSTEM
18	14E11A0332	KOMMAGONI VENKANNA	Appreciation	DESIGN AND DEVELOPMENT OF SOLAR VACCUM CLEANER
19	14E11A0336	LAISHATTI SANDEEP	Appreciation	DESIGN ANALYSIS AND MANUFACTURE OF DOUBLE WISHBONE SUSPENSION SYSTEM
20	14E11A0338	MANTHRI SAI CHAND	Appreciation	DESIGN ANALYSIS AND MANUFACTURE OF DOUBLE WISHBONE SUSPENSION SYSTEM
21	14E11A0341	MUDHI REDDY THARUN KUMAR REDDY	Innovation and Rs.25000	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE
22	14E11A0342	MYNEEDI VENKATA SAI RAM	Innovation and Rs.25000	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE

Year: IV – II

Section: A

Sl.no	Name	Reg.No	PRIZE	Project Title
1	B MADHU	14E11A0347	First Prize Rs.15000	DESIGN AND DEVELOPMENT OF SOLAR POWERED GPS REMOTE CONTROLLED MATERIAL SUPPLY ROBOT
2	T.SANDEEP KUMAR	14E11A0352	Appreciation	DESIGN AND DEVELOPMENT OF SOLAR POWERED EXHAUST FAN FOR FARM APPLICATION
3	V.SIVAJI RAJ	14E11A0354	Third Prize Rs.7000	DESIGN OF LPG KIT FOR TWO WHEELERS
4	V. VAMSHI	14E11A0355	Appreciation	DEVELOPMENT OF SOLAR POWERED DESERT COOLER
5	Y.PRAVEEN REDDY	14E11A0357	Second Prize Rs.10000	DESIGN AND DEVELOPMENT OF SOLAR POWERED AUTOMATED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED PERSON
6	K.SAI NAVEEN	14E11A0358	Second Prize Rs.10000	DESIGN AND DEVELOPMENT OF SOLAR POWERED AUTOMATED

Sl.no	Name	Reg.No	PRIZE	Project Title
				WHEEL CHAIR FOR PHYSICALLY HANDICAPPED PERSON
7	K SAI KUMAR REDDY	14E11A0360	Third Prize Rs.7000	DESIGN OF LPG KIT FOR TWO WHEELERS
8	B RANA PRATHAP REDDY	14E11A0361	Second Prize Rs.10000	DESIGN AND DEVELOPMENT OF SOLAR POWERED AUTOMATED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED PERSON
9	J THARUN REDDY	14E11A0363	Appreciation	DEVELOPMENT OF SOLAR POWERED MIXER CUM GRINDER AND HAND BLENDER
10	J.PREM KUMAR	14E11A0364	Appreciation	DESIGN AND DEVELOPMENT OF SOLAR POWERED EXHAUST FAN FOR FARM APPLICATION
11	K.SAI ESHWAR	14E11A0365	Second Prize Rs.10000	DESIGN AND DEVELOPMENT OF SOLAR POWERED AUTOMATED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED PERSON
12	M.MAHESH	14E11A0366	Appreciation	DEVELOPMENT OF SOLAR POWERED MIXER CUM GRINDER AND HAND BLENDER
13	P.NARESH	14E11A0368	Appreciation	DESIGN AND DEVELOPMENT OF SOLAR POWERED EXHAUST FAN FOR FARM APPLICATION
14	S. SHASHIDHAR RAM	14E11A0370	Appreciation	DEVELOPMENT OF SOLAR POWERED MIXER CUM GRINDER AND HAND BLENDER
15	EASO SHON ABRAHAM	14E11A0371	First Prize Rs.15000	DESIGN AND DEVELOPMENT OF SOLAR POWERED GPS REMOTE CONTROLLED MATERIAL SUPPLY ROBOT
16	K.ANIL	14E11A0373	First Prize Rs.15000	DESIGN AND DEVELOPMENT OF SOLAR POWERED GPS REMOTE CONTROLLED MATERIAL SUPPLY ROBOT
17	J. PRATHAP RANA	14E11A0374	Appreciation	DEVELOPMENT OF AUTOMATIC DRAINAGE CLEANING SYSTEM USING SOLAR ENERGY
18	P. VISHAL PUJARI	14E11A0376	Appreciation	DEVELOPMENT OF AUTOMATIC DRAINAGE CLEANING SYSTEM USING SOLAR ENERGY
19	CH. UTTEJ REDDY	14E11A0377	Third Prize Rs.7000	DESIGN OF LPG KIT FOR TWO WHEELERS
20	M.A. HABEEB	14E11A0378	First Prize Rs.15000	DESIGN AND DEVELOPMENT OF SOLAR POWERED GPS REMOTE CONTROLLED MATERIAL SUPPLY ROBOT

Sl.no	Name	Reg.No	PRIZE	Project Title
21	P.PREM KUMAR	15E15A0301	Appreciation	DEVELOPMENT OF SOLAR POWERED DESERT COOLER
22	K.SHIVADHAR SAI SAI KIRAN	15E15A0302	Appreciation	DEVELOPMENT OF SOLAR POWERED DESERT COOLER

Best projects: Mechanical Department

S.No.	Roll No.	Student Name	Project Title	Project Guide	PO's and PSO's
1	14E11A0303	AKSHINTHALA KUMAR SAI CHANDU	DEVELOPMENT OF SOLAR POWERED AUTOMATIC CROP PLANTER	Dr. J. S. SONI	PO's : 3,9,11 and PSO's : 2
	14E11A0304	ONGOLE SAI YESHWANTH			
	14E11A0323	JATAVATH MALLESH			
	14E11A0334	KUMMAR HARIKANTH			
2	14E11A0316	CHINTHIREDDY KRISHNA REDDY	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN FOR PRODUCTION OF PELLETS FROM FOREST WASTE	Dr. J. S. SONI	PO's : 3,9,11 and PSO's : 2
	14E11A0342	MYNEEDI VENKATA SAI RAM			
	14E11A0326	KASINEEDI MANI KUMAR			
	14E11A0341	MUDHI REDDY THARUN KUMAR REDDY			
3	14E11A0328	KEMISETTY MALLIKARJUN	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPE=S CONTROOLED LAND MINE DETECTING ROBOT	Dr. J. S. SONI	PO's : 3,9,11 and PSO's : 2
	14E11A0312	BOLLAM RAHUL			
	14E11A0324	KALWA CHANDRA SHEKAR REDDY			
	14E11A0315	CHINTHA ANEESHCHANDRA			
4	14E11A0306	ASHALA SRIHARSHA	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL	Dr. J. S. SONI	PO's : 3,9,11 and PSO's : 2
	14E11A0322	JAKKULA PRASHANTH			
	13E11A0308	RISHIKESH			
	14E11A0327	KATKAM PREETHAM REDDY			



Roll of Honor

S.No.	Roll No	Name	% of Marks	Rank
1	14E11A0331	Kokkula Sai Sri Harsha	71.62	I
2	14E11A0305	Rajput Bharath Bhushan Singh	70.36	II
3	14E11A0321	Guduru Kranthi Kumar Reddy	69.12	III
4	14E11A0365	K Sai Eshwar	68.74	IV
5	14E11A0334	Kummari Harikanth	68.17	V

NSS activities

S. No.	Date	Event	Organized at
1	22/09/2018	Haryana –Telangana Youth Conclave	Sreyas Institute of Engineering and Technology
2	18/09/2018	Bucket Ganesh Nimarjanam	BIET NSS CELL
3	09-11-2018	Awareness of Eco-Friendly Ganesh usage	Nruptanga Institutions, Kachiguda,
4	09-09-2018	Sight - A - Thon (2K Blindfold Walk)	People's Plaza towards Necklace Road by Government of TELANGANA, SAKSHAM & NPCB.
5	09-09-2018	Orphanage Cloths donations	Anaadha Vidyarthi Griha Orphanage, LB Nagar
6	20/08/2018	Kerala Floods: Cloths donations collection	BIET NSS Cell
7	21/06/2018	International Yoga Day	BIET NSS Cell
8	20/03/2018 to 26/03/2018	NSS: Special Village Camp	Toolekalan village, Ibrahimpatnam
9	4th February, 2018	YASHODA CANCER AWARENESS 5K RUN	Saroornagar Stadium, L.B. Nagar
10	3rd February, 2018	JNTUH NSS University Youth Festival	NSS Cell, JNTUH, Hyderabad





Bucket Ganesh Nimarjanam



Haryana –Telangana Youth Conclave



Presentation on International Yoga Day



Orphanage Cloths donations



Special Village Camp: Toolekalan village, Ibrahimpatnam





YASHODA CANCER AWARENESS 5K RUN



JNTUH NSS University Youth Festival

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



STUDENT CLUB ELECTIONS

Student participation in extra curricular activities

S.No	NAME	EVENT	PLACE	DATE	Prize
1	KARAN NAGULAPALLY	Foot Ball	CVR College of Engineering	15th-22th Dec 2017	Participated
2	KARAN NAGULAPALLY	Foot Ball	Anurag Group of Institutions	5th,6th Jan 2018	Participated
3	ZEESHAN UMER MA	Cricket	MVSR	Dec-17	Participated
4	ZEESHAN UMER MA	Cricket	GNIT	Dec-17	Participated
5	VAMSHI KRISHNA GADI	Robotics	Bits Pilani	2017	Participated
6	VAMSHI KRISHNA GADI	Automobile Frame Design	Aurora College of Engineering	2017	Participated
7	VAMSHI KRISHNA GADI	Engine Assembly and Dessembly	Anurag Group of Institutions	2017	Participated
8	VAMSHI KRISHNA GADI	Hydraulic Systems Workshop	JNTU-HYD	2017	Participated
9	VAMSHI KRISHNA GADI	Non Destructive Testing in	DRDL	2017	Participated

S.No	NAME	EVENT	PLACE	DATE	Prize
		Aerospace Industry			
10	MAHESH POSHALA	Volley ball	biet	2017	Participated
11	Y. VINOD	Automobile Frame Design	Aurora College of Engineering	2017	Participated
12	Y. VINOD	Engine Assembly and Dessemsbly	Anurag Group of Institutions	2017	Participated
13	P.SAI KUMAR	Robotics	Bits Pilani	2017	Participated
14	P.SAI KUMAR	Automobile Frame Design	Aurora College of Engineering	2017	Participated
15	P.SAI KUMAR	Engine Assembly and Dessemsbly	Anurag Group of Institutions	2017	Participated
16	P.SAI KUMAR	Hydraulic Systems Workshop	JNTU-HYD	2017	Participated
17	P.SAI KUMAR	Engine Assembly and Dessemsbly and parts explanation	GMR	2017	Participated
18	K.KOUSHIK	Robotics	Bits Pilani	2017	Participated
19	K.KOUSHIK	Sixth Sense Workshop	JNTU-HYD	2017	Participated
20	K.KOUSHIK	Hydraulic Systems Workshop	JNTU-HYD	2017	Participated
21	J.RAGHAVENDER	Engine Assembly and Dessemsbly	Anurag Group of Institutions	2017	Participated
22	J.RAGHAVENDER	Automobile Frame Design	Aurora College of Engineering	2017	Participated
23	JAYAKUMAR JASEAN KUMAR	Assistive Robotics Technologies	ISPRART'18	2018	Participated
24	TERATI ARUN	Assistive Robotics Technologies	ISPRART'19	2019	Participated
25	KANNOJU SUDHEER KUMAR	Assistive Robotics Technologies	ISPRART'20	2020	Participated
26	THUMUGANTI YAGNA SAI KUMAR	Assistive Robotics Technologies	ISPRART'21	2021	Participated
27	LINGAM DEEPAK	Assistive Robotics Technologies	ISPRART'22	2022	Participated
28	KAASAM KONDAL REDDY	Kabaddi	Anurag Group of Institutions	5th,6th Jan 2018	Participated
29	LINGAM DEEPAK	Kabaddi	Anurag Group of Institutions	5th,6th Jan 2019	Participated
30	POTHA HARISH	Kabaddi	Anurag Group of Institutions	5th,6th Jan 2020	Participated
31	B.Shankar Naidu	2K RUN	BIET	21st Dec2017	Winner
32	B.Shankar Naidu	Badminton	Telangana	Oct-17	Runner
33	K.Suresh	Cricket	CVR College of Engineering	15th-22th Dec 2017	Participated

Campus Events

Annual Day 2K18



Staff and students of Bharat Institute of Engineering and Technology (BIET) celebrated sixteenth annual day on the college campus at Ibrahimpatnam, Hyderabad on 31st March, 2018.

Project Day 2K18



A One Day PROJECT DAY: 2K18, 29 March, 2018, organized by the Department of Mechanical Engineering, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.

TechFest 2K18



A Two Day Technical Fest 2K18, 23-24 March, 2018, organized by Mechanical Department under CSI Chapter, Bharat Institute of Engineering and Technology, Ibrahimpatnam, Hyderabad.

Let us always meet each other with
smile, for the smile is the
beginning of love. Every time you
smile at someone, it is an action of
love, a gift to that person, a beautiful thing.



- Mother Teresa



BHARAT

Institute of Engineering and Technology

(Approved by AICTED, Affiliated to JNTUH & Accredited by NAAC)

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