



BHARAT INSTITUTE OF ENGINEERING AND TECHNOLOGY

Mangalpally(V), Ibrahimpatnam(M), Ranga Reddy, Hyderabad - 501 510.

DEPARTMENT OF MECHANICAL ENGINEERING

PROJECT WORK SUMMARY

Academic Year	No. of In-House Projects	No. of Industry Projects	Total
2018-19	17	9	26
2017-18	21	2	23
2016-17	26	0	26
2015-16	27	10	37

PROJECT WORK CONTRIBUTING TOWARDS ATTAINMENT OF POs AND PSOs:

2018-19 Best projects Mechanical

B. No	Student		Project Title	Organization	Internal Guide	Project Classification	Factor S	PO's	PSO's
	Roll No.	Name							
1	16E15A0314	KASAM KONDAL REDDY	Development and Optimizing of Thermoacoustic refrigeration	In house	Mr.K.RAJU	Research	Cost	1,2,3,4,5,8,9,10,11,12	1,2,3
	16E15A0315	LINGAM DEEPAK							
	16E15A0316	POTHA HARISH							
2	15E11A0316 *	KOTHAPALLY MAHESH	Study of Welding	In house	Mr.CH.RAVIKISHORE	Application, Research	Cost, Standard	1,2,3,4,5,8,9,10,11,12	1,2,3

	15E11A0317	POLAMONI MAHESH MUDIRAJ	Characteristics of Stainless Steel Water Plasma Arc Welding						
	15E11A0327	BANOTHU RAMANJANEYU LU							
	15E11A0334	GORENTLA SHIVA KUMAR YADAV							
3	15E11A0346	MBU Zaman	Design And Manufacturing Of Ceramic Composite Radome	In House	Mr.D.Chandrashekar	Product, Research	Safety, Standard	1,2,3,4,5,8,9,10,11,12	1,2,3
	15E11A0351	MD.Imran							
	16E15A0308	MD.Asim							
	15E11A0378	T.Rakshit Reddy							
4	16E15A0302	A.Shravan	Design & Fabrication Of Seed Sowing & Drilling Machine	Sri Sai Engg Works & IH	Mr.Dipesh Popli	Application, Research	Environmen t, Cost	1,2,3,4,5,7,8,9,10,11,12	1,2,3
	16E15A0303	Ch.Naveen Chary							
	16E15A0311	S.Lakshma Reddy							
5	15E11A0301	POONDRU SAATWIKKA	Development of Unmanned Aerial Vehicle (Drone) For Landmine Detecting	In house	Dr.J.S.SONI	Application, Research	Cost, Environmen t	1,2,3,4,5,7,8,9,10,11,12	1,2,3
	15E11A0311	THOUTA HRISHIKESH							
	15E11A0313	JAYAKUMAR JASEAN KUMAR							
	15E11A0341	N N VINAY							
6	15E11A0302	YASA SWETHA	Design	In house	Mr.A.HARISHKUMAR	Application,	Cost,	1,2,3,4,5,7,8,9,10,11,	1,2,3

	15E11A0331	ELLANDHULA SATISH KUMAR	Analysis of Drone fertilizer using CATIA,ANSYS and fabrication using 3D printing			Research	Environment	12	
	15E11A0336	KANNOJU SUDHEER KUMAR							
	15E11A0342	THUMUGANTI SAI KUMAR							
7	15E11A0304	POLAM POLAM ABHILASH	Design and Development of Drone for Supplying the Medical Aid in Remote Locations	In house	Mr.M.VIDAYASAGAR	Application, Research	Cost, Environment	1,2,3,4,5,7,8,9,10,11, 12	1,2,3
	15E11A0310	KARRI HEMANTH ADITYA							
	15E11A0338	BIJIVEMULA UMA VENKAT REDDY							
	15E11A0343	GUNDA YASHWANTH							
8	15E11A0305	VEDANTH ABHISHEK MADISETTY	Advanced body Armour and Affordable Protection for Futuristic Combat Exoskeletons	DMRL(DRDO)	Dr.D.CHANDRASEKH AR	Research	Cost, Standard	1,2,3,4,5,8,9,10,11,1 2	1,2,3
	15E11A0333	KATTEKOLA SHIVA KUMAR							
	15E11A0339	BAVAPURAM VAMSHI KRISHNA							
	15E11A0320	SUDDAPALLI MITHIN REDDY							
9	15E11A0309	TERATI TERATI	Finite Element Analysis of	In house	Ms.MOUNIKA	Research	Standard	1,2,3,4,5,8,9,10,11,1	1,2,3

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2016-17 Best Projects Mechanical

S. No	R.No.	Name	Project Title	Guide Name	Organization	Project Classification	Factor S	PO's	PSO's
1	13E11A0301	A PRAVEEN KUMAR	DESIGN AND DEVELOPMENT OF SOLAR POWERED HANDICAPPED TROLLEY	IN-HOUSE	DR. J. S. SONI	APPLICATION	SAFETY	1,2,3,4,5,6,9,10,11,12	1,2,3
	13E11A0328	KATKURI YASHWANTH							
	13E11A0335	METTU SURYA PRAKASH REDDY							
	13E11A0349	S VAMSHEE							
2	13E11A0303	A.RAVI TEJA	DESIGN AND DEVELOPMENT OF PALLETIZATION PLANT FOR PRODUCING PALLETS FROM FOREST WASTE	IN-HOUSE	DR. J. S. SONI	RESEARCH	ENVIRONMENT	1,2,3,4,5,7,9,10,11,12	1,2,3
	13E11A0317	GADDAM VIJAY							
	13E11A0343	POLAGONI KARTHIK							
	13E11A0348	RATHLAVATH DEVENDAR							
3	13E11A0323	K.SAI RAM	DESIGN AND DEVELOPMENT OF PROCESS AND EQUIPMENTS FOR PRODUCTION OF HARD BOARD/PLY	IN-HOUSE	DR. J. S. SONI	RESEARCH	COST	1,2,3,4,5,9,11,12	1,2,3
	13E11A0346	PULYAKULA SAINATH							
	13E11A0350	SAMA NAVEEN							

		REDDY	FROM FOREST WASTE						
	13E11A0353	THODETI SANDEEP REDDY							
4	13E11A0385	MALOTH MAHESH	DESIGN AND DEVELOPMENT OF SOLAR POWER PESTICIDE SPRAYER(GROUND BASED)	IN-HOUSE	Ms. CHINMAYI	RESEARCH	ENVIRONMENT	1,2,3,4,5,7,9,10,11,12	1,2,3
	13E11A0389	POLISHETTI PRANAY KUMAR							
	13E11A0395	SUTHARI UGESH BABU							
	14E15A0301	KUNTALA ABHISHEK GOUD							
5	13E11A0366	BANAVATH PRAVEEN KUMAR	DESIGN AND DEVELOPMENT OF SOLAR POWER ASSISTED BIKE AND CHARGING WHILE DRIVING	IN-HOUSE	Mr. SURESH KUMAR	RESEARCH	ENVIRONMENT & COST	1,2,3,4,5,7,9,10,11,12	1,2,3
	13E11A0375	GARIKAPETA SURESH							
	13E11A0379	KANTHI SOLOMON RAJ							
	13E11A0380	KODIGANI VISHNU KUMAR							
6	13E11A0310	D.KRISHNA VAMSEE	FINITE ELEMENT ANALYSIS OF A HIGH PRESSURE TITANIUM SPHERICAL	IN-HOUSE	MS. KRISHNAVENI	RESEARCH	STANDARD	1,2,3,4,5,9,10,11,12	1,2,3
	13E11A0312	DEVALANKA AJAY KUMAR							

	13E11A0320	I LOKESH	PRESSURE VESSEL						
7	12E11A03B2	C.Harikrishna	DESIGN AND FABRICATION OF PEDAL POWERED HACHSAW MACHINE AND POWER GENERATION SYSTEM	IN- HOUSE	Mr. ANUP KUMAR JANA	APPLICATION	SAFETY	1,2,3,4,5,9,10,11,12	1,2,3
	13E11A0371	D ABHIRAM REDDY							
	13E11A0382	KUKKALA NAGARJUN REDDY							
	13E11A0386	MOHAMMED MOHSIN HUSSAIN							

2015-16 Best projects Mechanical

S. No	R.No.	Name	Project Title	Guide Name	Organization	Project Classification	Factor S	PO's	PSO's
1	12E11A0373	Revalli Jaya Raghavendra	Design and Development of Solar Tiller	Dr.J.S.Soni	In Home	Research	Environment	1,2,3,4,5,7,9,10,11,12	1,2,3
	12E11A0391	Kandlapally Rajkumar							
	12E11A0392	P Ravinder Reddy							
	12E11A0398	K Sharath Kumar							
2	12E11A0366	B.Deepak Raj	Design and development	Dr.J.S.Soni	In Home	Application	Safety	1,2,3,4,5,6,9,10,11,12	1,2,3

	12E11A0378	M Lokesh Reddy	of solar tricycle for handicapped persons						
	12E11A0385	S S Nikhil							
	12E11A0388	B Praneeth Kumar							
3	12E11A0362	Goddati Ajay Kumar Yadav	Fabrication of Air to Air thermo-electric cooler	Mr.K.Vijaya Kumar	In Home	Research	Safety	1,2,3,4,5,9,10,11,12	1,2,3
	12E11A03A0	K Sriharsha							
	12E11A03A4	Pranav Wadekar							

EVIDENCES OF PAPERS PUBLISHED /AWARDS RECEIVED BY PROJECTS ETC

Project Awards (2018-19)

S.No.	Roll No.	Student Name	Project Title	Description
1	16E15A0314, 16E15A0315, 16E15A0316	KASAM KONDAL REDDY, LINGAM DEEPAK, POTH HARISH	Development and Optimizing of Thermoacoustic refrigeration	15,000
2	15E11A0316*, 15E11A0317, 15E11A0327, 15E11A0334	KOTHAPALLY MAHESH, POLAMONI MAHESH MUDIRAJ, BANOTHU RAMANJANEYULU, GORENTLA SHIVA KUMAR YADAV	Study of Welding Characteristics of Stainless Steel Water Plasma Arc Welding	10,000
3	15E11A0346, 15E11A0351, 16E15A0308, 15E11A0378	MBU Zaman, MD.Imran, MD.Asim, T.Rakshit Reddy	Design And Manufacturing Of Ceramic Composite Radome	5000

Project Awards (2017-18)

S.No.	Roll No.	Student Name	Project Title	Description
1.	14E11A0347	K.ANIL	DESIGN AND DEVELOPMENT OF SOLAR POWERED GPS REMOTE CONTROLLED METERIAL SUPPLY ROBOT	15000
	14E11A0371	EASO SHON ABRAHAM		
	14E11A0373	B MADHU		
	14E11A0378	M.A. HABEEB		
2.	14E11A0365	Y.PRAVEEN REDDY	DESIGN AND DEVELOPMET OF SOLAR POWERED AUTOMATED WHEEL CHAIR FOR PHYSICALLY HANDICAPPED PERSON	10000
	14E11A0358	K.SAI NAVEEN		
	14E11A0361	B RANA PRATHAP REDDY		
	14E11A0357	K.SAI ESHWAR		
3.	14E11A0355	V.SIVAJI RAJ	DESIGN OF LPG KIT FOR TWO WHEELERS	7000
	14E11A0360	K SAI KUMAR REDDY		
	14E11A0377	CH. UTTEJ REDDY		
	14E11A0316	CHINTHIREDDY KRISHNA REDDY	DESIGN AND DEVELOPMENT OF MANUAL PELLETIZATION PLAN	25000

4.	14E11A0326	KASINEEDI MANI KUMAR	FOR PRODUCTION OF PELLETS FROM FOREST WASTE	
	14E11A0341	MYNEEDI VENKATA SAI RAM		
	14E11A0342	MUDHI REDDY THARUN KUMAR REDDY		
5.	14E11A0309	B.SANTOSH KUMAR	DESIGN AND DEVELOPMENT OF SOLAR POWERED SEED SOWING MACHINE	20000
	14E11A0311	B.KALYAN KUMAR		
	14E11A0317	D.NARESH		
6.	13E11A0308	D. RISHIKESH	DEVELOPMENT OF SOLAR POWERED MINI RICE MILL	20000
	14E11A0306	ASHALA SRIHARSHA		
	14E11A0322	JAKKULA PRASHANTH		
	14E11A0327	KATKAM PREETHAM REDDY		
7.	14E11A0328	BOLLAM RAHUL	DESIGN AND DEVELOPMENT OF SOLAR POWERED REMOTE WITH GPS CONTROLLED LAND MINE	5000
	14E11A0315	CHINTHA		

		ANEESHCHANDRA	DETECTING ROBOT	
	14E11A0324	KALWA CHANDRA SHEKAR REDDY		
	14E11A0312	KEMISETTY MALLIKARJUN		

Project Awards (2016-17)

S.No.	Roll No.	Student Name	Project Title	Description
1.	13E11A0301	A.Praveen Kumar	Design and Development of Handicapped Trolley using solar power.	25000/-
	13E11A0328	K.Yashwanth		
	13E11A0335	M.Surya Prakash Reddy		
	13E11A0349	S.Vamshee		
2.	13E11A0317	Gaddam Vijay	Design and Development of Palletization Plant for producing Pallets from Forest Waste.	20000/-
	13E11A0303	A.Ravi Teja		
	13E11A0343	P. Karthik		
	13E11A0348	R.Devendar		

3.	13E11A0350	Sama Naveen Reddy	Design and Development of Process and Equipments for production of Hard Board/ Pallets from Forest Waste.	15000/-
	13E11A0346	P.Sai Nath		
	13E11A0353	T.Sandeep Reddy		
	13E11A0323	K.Sai Ram		
4.	11E15A0380	Kodigani Vishnu Kumar	Design and Development of solar power assisted bike.	5000/-
	13E11A0366	B.Praveen Kumar		
	13E11A0375	G.Suresh		
	13E11A0379	Kanthi Solomon Raj		
5.	12E15A03B2	C.Hari Krishna	Design and fabrication of pedal powered Hacksaw machine and power generation system.	1500/-
	13E11A0386	Md.Mohsin Hussain		
	13E11A0382	K.Nagarjun Reddy		
	13E11A0371	D.Abhi Ram Reddy		

Project Awards (2015-16)

S.No.	Roll No.	Student Name	Project Title	Description
1.	12E11A0366	B.Deepak Raj	Design and development of solar tricycle for Handicapped persons.	60000/-
	12E11A0378	M.Lokesh Reddy		
	12E11A0385	S.S. Nikhil		
	12E11A0388	B.Praneeth Kumar		
2.	12E11A0373	R.Jaya Raghavendra	Design and manufacturing of solar tiller	40000/-
	12E11A0391	K.Raj Kumar		
	12E11A0392	P.Ravinder Reddy		
	12E11A0398	K.Sharath Kumar		
3.	12E11A0362	G.Ajay kumar Yadav	Fabrication of air to air thermoelectric air cooler	5000/-
	12E11A03A0	K.Sri Harsha		
	12E11A03A4	Pranav Wadekar		

PROJECT DAY 2018-2019

