

**JNTUH COLLEGE OF ENGINEERING HYDERABAD
(Autonomous)
Kukatpally, Hyderabad-500085**

UG/PG PRJECTS FUNDED UNDER TEQIP-II:

S.No	Department	Project title	Student Name/teams	Coordinator Name
1	Mech., Dept.	Experimental Investigations on Solar driven Refrigeration System	G. Rakesh (bearing roll number 13011D2103)	Dr. S. Naga Sarada Professor of Mechanical Engg
2	Mech., Dept.	National Level Festival IIT Bombay	10 STUDENTS	Dr. K. Vijaya Kumar Reddy Prof of Mech., Dept.,
3	Mech., Dept. & EEE	Hybrid Go-Kart Championship 2014-15" Organized by "Imperial Society of Innovative Engineers	Twenty Two students of B.Tech Regular & IDP IV	Dr. Bhramarapanitapu & Dr. K. Bhaskar Faculty Advisors of Mechanical & EEE
4	Mech., Dept	National Level Technical Fest, "SHAASTRA 2015" IIT MADRAS	Seven students (III/IV) B.Tech regular	Dr. K. Vijaya Kumar Reddy Prof of Mech Dept.,
5	Mech., Dept	Experimental Investigations on Solar Driven Household Refrigerator with Sub cooling	Ram Jaladar (bearing roll number 13011D1004)	Dr. S. Naga Sarada Professor of Mechanical Dept
6	Mechanical Engineering JNTUHCEH	"Design and Efficiency Improvement of Wick type Solar Distillation System".	P. Sruthi (bearing roll number 13011D1017) M. Tech, III Semester	Dr. B. SudheerPrem Kumar, Professor of Mechanical Engineering JNTUHCEH
7	Civil Engineering JNTUHCEH	erecting a Model Suspension Bridge exhibiting in front of the Civil Engg., Dept.,	Eleven students in (III/V) B.Tech IDP in Civil Engg., JNTUHCEH	Mrs. A. Krishna Nivedita, AssoctProf., of Civil Engineering JNTUHCEH
8	Mechanical Engineering student JNTUHCEH	"Experimental evaluation of friction stir welded joints of metal matrix composites"	B. Sindhu (bearing roll number 13011D3317) M. Tech, IV Semester (AMS)	Dr. G. Krishna Mohana Rao, Professor of Mechanical Engineering JNTUHCEH.
9	Civil JNTUHCEH	Field visit to Industry (Botanica site of Universal Realtors Pvt. Ltd) to show them the Structural systems in High Rise Buildings, Quality Control Norms Adopting at site	Smt. P. Srilakshmi, Associate professor Civil JNTUHCEH	Smt. P. Srilakshmi, Associate professor Civil JNTUHCEH
10	CSE Dept.,	hardware implementation which includes ATMEL processor, ARM7 Processor, GSM, GPS	S. Naga Bhushanam	Dr. M. Nagaratna Assistant Professor of CSE
11	CSE Dept.,	hardware implementation which includes ARM7 Processor, CAN Serial Bus System, sensors (Gas, Fire, temperature, Eye blink, alcohol)	R. Shashankh	Dr. M. Nagaratna Assistant Professor of CSE
12	CSE Dept.,	CSI conference 2014	12 Students of MTech (CSE) & 13 students of M. Tech (CSIE)	Dr. V Kamakshi Prasad Professor & Head of CSE
13	CSE Dept.,	Artificial Intelligence	Four students (bearing roll numbers 11011M2203, 11011M2113, 11011M2213, 11011M2201,)	Mrs. K. Neeraja Assistant Professor of CSE
14	CSE Dept.,	Implementing a Basic Robot, Using the PBASIC Language	Three students (bearing roll numbers 11011M2203, 11011M2113, 11011M2213	Mrs. K. Neeraja Assistant Professor of CSE
15	ECE Dept.,	"Cost Effective Computational Devices for Small Business Applications"	K. Sriharsha S. Rajashekar	Dr. L. Pratap Reddy
16	ECE Dept.,	Modeling a Pair of Movable Robotic Arms	B. Charitanya K. Bhanuprakashnaik J.	Dr. T. Satya Savithri Professor of ECE

			Srinivasulu	B. Suresh	
17	Civil Dept.	erecting a Model Suspension Bridge exhibiting in front of the Civil Engg., Dept	Eleven students in (III/IV) B.Tech IDP in Civil Engg., JNTUHCEH		Mrs.A. Krishna Nivedita, AssoctProf.,of Civil Engineering JNTUHCEH
18	Civil Dept.	Field visit to Industry (Botanica site of Universal Realtors Pvt. Ltd) to show them the Structural systems in High Rise Buildings, Quality Control Norms Adopting at site	B.Tech III/IV year students		Smt. P. Srilakshmi, Associate professor Civil JNTUHCEH
19	Civil Dept.	“LOAD DEFLECTION CHARISTICS OF PROTOTYPE BEAMS MADE OF MIXED FIBRE SELF COMPACTING CONCRETE”	Mr. C. Nikhil (11011P0109)		Mrs. K. Neeraja Assistant Professor of CSE
20	Civil Dept.	“LOAD DEFLECTION CHARACTERISTICS OF PROTOTYPE BEAMS MADE OF FIBROUS SELF COMPACTING CONCRETE”	Mr. VooradiKireet (11011P0102)		Dr. L. Pratap Reddy
21	Civil Dept.	“CO-RELATION OF SPT, DCPT VALUES WITH SHEAR PARAMETERS FOR c-φ SOILS	Mr. B. Ramanjaneyulu (13011D1219)		Smt. P. Srilakshmi, Associate professor Civil JNTUHCEH
22	Mech., Dept.	Experimental Investigations on Solar driven Refrigeration System	G. Rakesh (bearing roll number 13011D2103)		Dr. S. Naga Sarada Professor of Mechanical Engg
23	Mech., Dept.	National Level Festival IIT Bombay	10 STUDENTS		Dr. K. Vijaya Kumar Reddy Prof of Mech., Dept.,
24	Mech., Dept. & EEE	Hybrid Go-Kart Championship 2014-15” Organized by “Imperial Society of Innovative Engineers	Twenty Two students of B.Tech Regular & IDP IV		Dr.Bhramarapanitapu&Dr. K. Bhaskar Faculty Advisors of Mechanical & EEE
25	Mech., Dept	National Level Technical Fest, “SHAASTRA 2015” IIT MADRAS	Seven students (III/IV) B.Tech regular		Dr. K. Vijaya Kumar Reddy Prof of Mech Dept.,
26	Mech., Dept	Experimental Investigations on Solar Driven Household Refrigerator with Sub cooling	Ram Jaladar (bearing roll number 13011D1004)		Dr. S. Naga Sarada Professor of Mechanical Dept
27	Mechanical Engineering JNTUHCEH	“Design and Efficiency Improvement of Wick type Solar Distillation System”.	P. Sruthi (bearing roll number 13011D1017) M. Tech, III Semester		Dr. G. Krishna Mohana Rao, Professor of Mechanical Engineering JNTUHCEH.
28	Mechanical Engineering student JNTUHCEH	“Experimental evaluation of friction stir welded joints of metal matrix composites”	B. Sindhu (bearing roll number 13011D3317) M. Tech, IV Semester (AMS)		Dr. P. Prasanna Assistant Professorof Mechanical Engineering department
29	Mechanical Engineering Department of JNTUHCEH	SAE INDIABAJA-2016 PowerTrain Components to fabricate All Terrain Vehicle	B. Tech (4/4&4/5) (Regular& IDP) Five students (RVSK Varma (12011M2305) V.Rahul (12011U2301) S.Phaneendra (12011M2301) G. Chaitanya (12011A0310) B.		Dr. S. Naga SaradaProfessorof Mechanical Engineering

			PrithviArun(12011U0307)B.Tech(4/4&4/5) (Regular& IDP)	
30	Mechanical Engineering Department of JNTUHCEH	SAE INDIA BAJA Steering and Wheel Components to fabricate All Terrain Vehicle	Five students(V. Arjun (12011M2313) S. Uttam Sai (12011P0318) S. Hashim (13011A0311) K. Rohith Reddy (12011U0311) MD Asad Ahmed (13011A0321) B.Tech (4/4& 4/5) (Regular&IDP)	Dr. E. Ramjee Professor of Mechanical Engineering Department
31	Mechanical Engineering Department of JNTUHCEH	SAEINDIABAJA-2016“Breaking Components to fabricate All Terrain Vehicle”	Five students of B.Tech (4/4,&4/5) (Regular & IDP) Five students B. Sumanth Kumar(12011P0315) K. Rohit (12011U0310) B. Jyothsna (12011U0303) K. Sai Krishna (12011A0334) K. Swami Naik (12011P0316)	Dr. A. Balaram Naik Professor of Mechanical Engineering
32	M. Tech 3 rd Sem, Thermal, Mechanical Engineering	Experimental And CFD Analysis of Heat Transfer Enhancement In A Double Pipe Heat Exchanger In The Presence Of Inserts”	Mr. P. Keshav, (14011D2115) (Regular) M. Tech 3 rd Sem, Thermal,	Dr.S. Nagasarada, Professor, Mechanical Engineering,
33	M. Tech, III Semester (ES)	Experimental investigations on solar driven refrigeration system with different refrigerants”	B. Rajendar bearing roll number 13011D1014)	Dr. K. Vijaya Kumar Reddy Professor of Mechanical Engineering JNTUHCEH
34	M. Tech, IV Semester (ES) Mechanical Engineering student JNTUHCEH	“Energy conservation in building lighting area with solar photovoltaic system”	Bandi Naresh Kumar (bearing roll number 13011D1006)	Dr.S.NagaSarada Professor of Mechanical Engineering JNTUHCEH
35	B.Tech (4/4) Mechanical Engineering Regular Students JNTUHCEH, Five students	WHEEL AND BREAK COMPONENTS to fabricate FORMULA STYLE CAR	P. Mohan Sai Kiran (12011A0321) P.Sandeep Kumar(12011A0335) B.Mahendar Naik (12011A318) G.Pranay Kumar (12011A0329) V.Chanikya (12011A0312)	Dr. K. Vijaya Kumar Reddy Professor of Mechanical Engineering JNTUHCEH
36	M. Tech, 2 nd year Mechanical Engineering student JNTUHCEH	Advanced Manufacturing Systems	S.RamyaSree (bearing roll number 13011D3303)	Dr. M Indira Rani Professor of Mechanical Engineering JNTUHCEH
37	2 nd year (Thermal) Mechanical Engineering student JNTUHCEH	Analyzing heat exchange process of phase change material	Mohammed Sameeruddin (bearing roll number 13011D2104)	Dr.A.V.S.S.K.S.Gupta Professor of Mechanical Engineering JNTUHCEH,
38	M. Tech, 2 nd year Mechanical Engineering(Thermal) student JNTUHCEH	“Analysis of Heat Transfer Augmentation Using Varied Inserts”	Mr. L.Sandeep Raj (bearing roll number 13011D2113)	Dr. A. Aruna Kumari Professor of Mechanical Engineering JNTUHCEH
39	M. Tech, IV Semester Infrastructure Civil Engineering student JNTUHCEH	Experimental study on flexural behavior of self curing concrete	Mr. K Sudhakarreddy (bearing roll number 13011D8117)	Dr. B. Dean Kumar Professor of Civil Engineering JNTUHCEH
40	M. Tech, IV Semester (AMS) Mechanical Engineering student JNTUHCEH	“ Experimental evaluation of friction stir welded joints of Nickel Alloys	Afthab Alam (bearing roll number 13011D3305)	Dr. G. Krishna Mohan Rao professor of Mechanical Engineering JNTUHCEH

41	M. Tech, IV Semester Mechanical Engineering student JNTUHCEH	Experimental Analysis of dissimilar metals	K. Bhargava Krishna (bearing roll number 13011D3319)	Dr. G. Krishna Mohana Rao professor of Mechanical Engineering JNTUHCEH
42	Mechanical Engineering student JNTUHCEH	Optimisation and Analysis of welded ss 301 alloy using 19 orthogonal array”	K. Sreedhar M. Tech, IV Semester Advanced Manufacturing Systems	Dr. A. BalaramNaik of Mechanical Engineering JNTUHCEH
43	M. Tech, Civil Engineering	SOIL, IMPROVEMENT USING BAMBOO AS A REINFORCEMENT	A. MounikaBharathiM.tech (GTE)	Dr. G.V. Narasimha Reddy Associate Professor in Civil Engineering Department JNTUHCEH
44	Civil Engineering	BEHAVIOUR OF STONE COLUMN IN POND ASH	N. Sai Sirisha M. Tech (GTE)	Dr. G.V. Narasimha Reddy Associate Professor in Civil Engineering Department JNTUHCEH,
45	M.Tech Civil Engineering student JNTUHCEH	SETTLEMENT AND BEARING CAPACITY OF SOIL USING BAMBOO IN DIFFERENT FORMS	Mr. B.Rajeev (GTE)	Dr. G.V. Narasimha Reddy Associate Professor in Mechanical Engineering Department JNTUHCEH
46	M.Tech Civil (GTE) Engineering	CO-RELATION OF SPT,DCPT VALUES WITH SOIL PARAMETERS FOR c-© SOILS,	Mr. B.Ramanjaneyulu	Dr.E.C.Nirmala Peter Professor in Civil Engineering Department JNTUHCEH,
47	B. Tech (4/4) (Regular) Mechanical Engineering Department of JNTUHCEH	wheels and breaking system	Five students (P. Mohan Sai Kiran (12011A0321) P. Sandeep kumar (12011A0335) B. MahendarNaik (12011A318) G. Pranay Kumar (12011A0329) V.Chanikya (12011A0312))	Dr. K. Vijaya Kumar Reddy Professorof Mechanical Engineering department.
48	B. Tech (4/4) (Regular) Mechanical Engineering department of JNTUHCEH	Imact Attenuator to fabricate formula style car.	five students (T.Akshay Singh(12011A0304) GurralaNonica (12011A0328) P.Vinay Kumar (12011A0345(BharathKalasani (12011a0309) Bhargav Ram Raguthu(12011A0354)	Dr.M.Srinivasa Rao Professor & Headof Mechanical Engineering department
49	B. Tech (4/4) (Regular) Mechanical Engineering department	Suspension components to fabricate formula style car	five students (N.C.VAditya(12011A0311) D.Vishwas (12011A0346) K.Azith(12011A0306) Sonu Gupta(12011A0337 B.BhanuTeja (12011A0307)	Dr. A. ArunaKumari Professorof Mechanical Engineering department
50	B. Tech (4/4) (Regular) Mechanical Engineering department	Chassis Material to fabricate formula style car.	five students (KonduruBharath(12011A0308) Begari Naveen (12011A0325)NikhilaAlaparthi(12011A0327)YennamLekhana (12011A0317) BandaruHemalatha (12011A0313)	Dr. A. Chennakesava Reddy Professorof Mechanical Engineering department.
51	B. Tech (4/4) (Regular) Mechanical Engineering department	Transmission System to fabricate formula style car	five students (K.S.P.Dinesh (12011A0333) V.Sai Mohan (12011A0332) Jampala Sridhar (12011A0340) Chiluvuru Abhishek (12011A0301) G.Murali Krishna (12011A0322)	Dr. G. Satish Babu Professor of Mechanical Engineering department

52	B. Tech (4/4) (Regular) Mechanical Engineering department	components for Steering System to fabricate formula style car	five students R. Abhishek Reddy (12011A0302) T.Rajashekar (12011A0330) M. Manoj Gupta(12011A0319) G. Sravan Kumar(12011A0338) V.Rajashekar (12011A0331)	Dr.M.VidyaSagar Associate Professorof Mechanical Engineering department.
53	B. Tech (4/4) (Regular) Mechanical Engineering department	Engine to fabricate formula style car	five students (G. Srinivas Bhargav (12011U0312) A. Naveen (12011A0348) Thota Naveen (12011A0326) G. Hemalatha (12011U0301) SumanaAllagadda (12011A0342)	Dr. B. SudheerPrem Kumar Professorof Mechanical Engineering department
54	5 th Year IDP (B.Tech&M.Tech) CSE Department students of JNTUHCEH	IOTBasedSurveillance and Face Recognition System”	Two students Sai RaghavaRajeePenagamuri(1101 1P0509), Srinivas Nalla (11011P0514)	Dr.O.B.V.Ramanaiah Professorof CSE department
55	M.Tech Metallurgy Engineering Department student JNTUHCEH	Controlled Precipitation Synthesis of Hafnium Oxide Nanoparticles	Mr.ShivaBejugama (13011D7204)	Dr.Devaki Rani Professor & Head of Metallurgy engineering Department
56	B. Tech (4/4&4/5) (Regular& IDP) Mechanical Engineering Department of JNTUHCEH,	PowerTrain Components to fabricate All Terrain Vehicle	(RVSK Varma (12011M2305) V.Rahul (12011U2301) S.Phaneendra (12011M2301) G. Chaitanya (12011A0310) B. PrithviArun (12011U0307	Dr. P. Prasanna Assistant Professorof Mechanical Engineering department.
57	B. Tech (4/4& 4/5) (Regular&IDP) Mechanical Engineering Department of JNTUHCEH	Steering and Wheel Components to fabricate All TerrainVehicle .	five students (V. Arjun (12011M2313) S. Uttam Sai (12011P0318) S. Hashim (13011A0311) K. Rohith Reddy (12011U0311) MD Asad Ahmed (13011A0321)	Dr. S. Naga Sarada Professorof Mechanical Engineering department.
58	B. Tech (4/4& 4/5) (Regular& IDP) Mechanical Engineering Department of JNTUHCEH	Suspension Components to fabricate All Terrain Vehicle.	five students (K. Hrudhay (12011U0302) J. Avinash (12011P0304) M. Naga Durga (12011P0307) H. Harshavardhan (12011M2317) A. Kavya Sri (12011A0306)	Dr. E. Ramjee Professorof Mechanical Engineering Department.
59	B. Tech (4/4& 4/5) (Regular& IDP)Mechanical Engineering Department of JNTUHCEH	Frame Components to fabricate All-Terrain Vehicle.	five students (CH. Shashank (12011P0312) B.Abhijith (12011P0301) M.Akhil (12011P0302) V. Tharun (12011P0317) Puli Ajay (12011A0303)	Dr. B. BaluNaik Professorof Mechanical Engineering Department
60	B. Tech (4/4&4/5) (Regular& IDP) Mechanical Engineering Department of JNTUHCEH,	“Breaking Components to fabricate All Terrain Vehicle	five B. Sumanth Kumar(12011P0315) K. Rohit (12011U0310) B. Jyothsna (12011U0303) K. Sai Krishna (12011A0334) K. Swami Naik (12011P0316)	Dr. A. BalaramNaik Professorof Mechanical Engineering, JNTUHCEH
61	B. Tech (IDP)final year students, EEE, JNTUHCEH	To evaluated the performance analysis of single phase transformer less PV inverters using cmv clamping techniques”	Three students P. Mounika (12011U0206) J. Krishna Priya (12011P0206) R. Dheeraj (12011P0203)	Dr. S. Tara Kalyani Professor& Head of EEE, JNTUHCEH
62	B. Tech Regular Final	To Investigate the	five students R. Harika	Dr. S. Tara Kalyani

	year of EEE, JNTUHCEH	Common mode behavior of the Single phase Transformerless grid-tied systems	(12011A0209) B. Akhil Reddy (12011Ao201) D. Anish Raju (12011A0236) M. Sai Kowshik(12011A0236) K. Sham (12011A0238)	Professor&Head of EEE, JNTUHCEH
63	B. Tech Regular final year EEE of JNTUHCEH	Speed Control of Induction Motor Using cRIO”	S. Navya (12011A0223) K. Ravali (12011Ao232) G. Mahaveer(12011A0247) S.Lavanya(12011A0215)	Dr. K. H. Phanishree Professor of EEE, JNTUHCEH.
64	M. Tech 3 rd Sem, Thermal, Mechanical Engineering,	Experimental And CFD Analysis of Heat Transfer Enhancement In A Double Pipe Heat Exchanger In The Presence Of Inserts”	Mr. P. Keshav, (14011D2115)	Dr.S. Nagasarada, Professor, Mechanical Engineering, JNTUHCEH
65	B. Tech IDP (v/v) EEE Department of JNTUHCEH	mentioned student of B. Tech IDP (v/v) EEE Department of JNTUHCEH to submit his Project proposal “Speed control of DC motor using LABVIEW	D. Lakshman (11011P0207)	Smt. K. H. Phanishree, Assistant professor of EEE, JNTUHCEH
66	M.Tech Embedded Systems (ECE) student	Porting RTAI on single board computer”	B.Samatha (14011D5504)	Dr.L.Pratap Reddy, Professor in ECE,JNTUHCEH
67	M. Tech Embedded Systems (ECE) student,	Mr. K.Vinay Kumar (14011D5509)	“Porting RT-Linux on single board computer”	Dr.L.Pratap Reddy, Professor in ECE,JNTUHCEH,
68	B.Tech (IDP) 5 th year Manufacturing Systems (Mechanical Engineering Department)	Y. Jyothsna(11011P0304)	Microstructure and Mechanical Properties of Lap Friction Seam Welded 6082 Aluminium Alloy”	Dr. M. Indira Rani, Professor, Mechanical Engineering, JNTUHCEH
69	B.Tech (IDP) 5 th year Manufacturing Systems (Mechanical Engineering Department)	K.Anusha (11011P0301)	“Microstructure and Mechanical Properties of 5mm Thick AA7050 Plate Subjected to Friction Stir Processing and Comparison With Hot Rolled Plate”	Dr. M. Indira Rani, Professor, Mechanical Engineering, JNTUHCEH
70	B.Tech (IDP) 5 th year Manufacturing Systems	K. Vanitha (11011P0318)	A Study on the Influence of Process Parameters on Friction Surfaced AA5052 Over AA2024	Dr. M. Indira Rani, Professor, Mechanical Engineering, JNTUHCEH,
71	M.Tech embedded Systems(ECE) student	R. Srilatha (14011D5520)	“Porting RTLinux on Single board computer”	Dr. L. Pratap Reddy, Professor ECE, JNTUHCEH
72	“Porting RTLinux on Single board computer”	A.Saikrishna (14011D5523)	“Porting RTLinux on Single board computer	Dr. L. Pratap Reddy, Professor ECE, JNTUHCEH
73	B. Tech (IDP) 5 th year	M. Nayana (11011P0306)	Friction stir welding of dissimilar metals Al 7079-Cu	G. Krishna Mohan Rao, Professor, Mechanical

	Manufacturing Systems			Engineering, JNTUHCEH
74	B. Tech (Regular) final year students of Mechanical Engineering JNTUHCEH	AshutoshPoudel (12011A0363) Srikanth Sri (12011A0341) Kaleem Pasha (12011A0320) Kavya Chanda (12011A0315),	“EXPERIMENTATION OF HEAT TRANSFER PROCESS IN HEAT EXCHANGER BY USING NANO FLUIDS”	Dr. S. Nagasarada, Professor, JNTUHCEH
75	of B. Tech (Regular) final year students of Mechanical Engineering JNTUHCEH	P.Ajay (12011A0303) T.Naveen (12011A0326) K. Sai Krishna (12011A0334) J.Usha Sri (12011A0344) BinodKhadka (12011A03)	“Performance Analysis of Solar Water Distillation using Different phase change materials with Internal Reflectors	Dr.A.V. Sitarama Raju, Professor, JNTUHCEH.
76	B. Tech (Regular) final year student of Mechanical Engineering JNTUHCEH	KeshavJha (12011A0357) G. Sravan Kumar (12011A0338) HemaLathaBandaru (12011A0313) E. MuraliKrishna (12011A0322) Kafeel Ahmed(12011A0361	Design & Development of a Solar Powered Intermittent Vapour Absorption Refrigeration System	Dr.B. Anjaneya Prasad, Professor, JNTUHCEH & Director of Evaluation, JNT University
77	B.Tech (IDP) 5 th year Manufacturing Systems (Mechanical Engineering Department) student,	T. Pragnya (11011P0307)	Friction stir welding of 5mm thick AA 5251	G. Krishna Mohan Rao, Professor, Mechanical Engineering, JNTUHCEH
78	B.Tech (IDP) 5 th year Manufacturing Systems (Mechanical Engineering Department)	M.Harsha (11011P0303)	Microstructure and mechanical Properties of gas metal arc welded 6061 aluminium alloy	A. BalaramNaik, Associate Professor, Mechanical Engineering, JNTUHCEH
79	B.Tech (IDP) 5 th year Manufacturing Systems (Mechanical Engineering Department)	M.Ramu (11011P0308)	Investigation on EDM input parameters for optimising Material Removal Rate and Surface Roughness	A. BalaramNaik, Associate Professor, Mechanical Engineering, JNTUHCEH