

**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY :: KANURU**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**IV B.TECH II SEM (Sec-1) PROJECT WORK DETAILS**

Academic Year:2022-23

Group No	Reg. No	Name of the Student	Project Title	Internal Guide
1	19501A0338	KUNAPAREDDY SAI DIKSHIT	SMART AIR CHILLER	Dr.P Phani Prasanthi
	19501A0323	GUNTURU RAJAMOULI		
	19501A0320	GINNELA JASWANTH		
	19501A0335	KONAPARTHI SAI THARUN		
2	19501A0349	MOHAMMED ABDUL RAHIM AHMED	COMPUTATIONAL FLUID DYNAMIC ANALYSIS OF HEAT REJECTION RATE OF A MICRO CHANNEL HEAT SINK WITH A NOVEL HEAT TRANSFER MEDIA CONVERSION	Mrs. Ch Vidya
	19501A0325	KALLEPALLI MANI NAGA KUMAR		
	19501A0322	GOWRNENI VENKATA DINESH BABU		
	19501A0326	KAMINENI DHEEMANTH CHOWDARY		
3	20505A0303	BOLLU CHAITANYA	CONVERSION OF NORMAL BICYCLE INTO SMART BICYCLE	Mr. K Venkatarao
	20505A0304	CHIDELLA MANI KISHORE		
	19501A0347	MOHAMMAD PARVEZ		
4	19501A0348	MOHAMMAD SAMEER	MULTIPURPOSE AIR PURIFIER WITH HEALTH IMPACT SIMULATION	Mr. N Raghuram
	19501A0329	KANUTURI PAVAN		
	19501A0327	KANCHARLA SIDDARDHA		
	19501A0306	AVALA LIKHITH SAI ANISH		
5	20505A0307	CHIMIRALA RAVI KIRAN	DESIGN AND FABRICATION OF BLADELESS WIND TURBINE	Dr. K Srividya
	19501A0307	BADUGU RAGHU RAM		
	20505A0301	BANAVATHU RAVINDRA NAIK		
	19501A0337	KOSURU VARUN SAI		
6	20505A0310	DONDAPATI MADAN	OPTIMIZATION OF PROCESS	Dr. M Rajya Lakshmi

	19501A0336	KORUPROLU VISWANADHA APPALA NAIDU	PARAMETERS IN POCKET MILLING		
	19501A0344	MADDALA MANOJ KUMAR			
	19501A0311	BORRA SURYA			
	20505A0305	CHILAKANTI PAVAN KALYAN			
7	19501A0340	KURAMA AKHILESH		CONVERSION OF NORMAL BICYCLE INTO SMART BICYCLE	Mrs E Kavitha
	19501A0314	EDUPUGANTI ARAVIND			
	20505A0309	DADI NOKESH	AN APPARATUS FOR DEHUMIDIFICATION OF WET FOOD GRAINS	Dr. B Raghu kumar	
8	19501A0332	KEMBURI ASHOK			
	19501A0334	KOMMINENI VENU			
	20505A0306	CHILLIMUNTHA BALA SUBRAHMANYAM	FLEXURAL AND IMPACT STRENGTH OF NATURAL FIBRE REINFORCEMENT COMPOSITES USING EXPERIMENTAL AND SIMULATION STUDY	Mr. T Srinag	
9	19501A0339	KUNDETI ROHITH			
	19501A0333	KOLLIP V S VISHNU REVANTH			
	19501A0331	KATHULA KAMAL BHUJANGANATH			
	20505A0313	KOLA NAGARAJU	PERFORMANCE ANALYSIS OF A CONDENSER	Mr.MVH Sathishkumar	
	19501A0318	GANGINENI VEERABABU			
10	19501A0319	GANGULA VARUN			
	19501A0301	AARIKATLA TONY HARSHA VARDHAN			
	19501A0304	APPISETTY AARON AMRITH			
	20505A0308	CHOKKARA MAHESH			
	19501A0313	DEEVELA SAI CHARAN	ANALYSIS OF WELDED STRUCTURE USING FINITE ELEMENT METHODS	Mr. Ch. Mohan sumanth	
11	19501A0302	ABDUL SATTAR			
	19501A0315	ELLIPILLA RUPESH TARUN			
	19501A0342	MACHARLA SIDDU	DESIGN AND FABRICATION OF SOLAR OPERATED SPRAYER FOR	Mr. J Surendra	
12	20505A0312	KATURU SAI SUSHETH			

			AGRICULTURE PURPOSE	
13	19501A0309	BHUPATHI ADITHYA	A NOVEL PCB PROTOTYPE ON SMART GARDENING SYSTEM	Mr. U Koteswara Rao
	19501A0346	MEESALA BALA GANGADHAR THILAK		
	19501A0310	BOMMU TARUN KUMAR		
	19501A0330	KARRA JAGADEESH BABU		
	19501A0328	KANDULA NAVEEN		
	19501A0345	MALLAMPALLI KUSHWANTH		
14	19501A0303	ALIBILLI GOVARDHAN GANESH KUMAR	DESIGN AND FABRICATION OF SIEVING MACHINE USING ELECTRONIC MECHANISM FOR EFFICIENT SEPARATION OF MATERIAL	Mrs V Sravani
	19501A0305	ATMAKURI JAYA CHANDU		
	19501A0308	BATTINA VEERA BHADRA RAO		
	19501A0312	BUDALA MAHESH		
	20505A0302	BETHALA CHANDRA SEKHAR		
15	19501A0341	LANKAPALLI SANDEEP	INVESTIGATION ON MECHANICAL PROPERTIES OF METAL MATRIX NANO COMPOSITE : ALUMINIUM ALLOY 2024 WITH MWCNT	Mr. G Balakrishna
	19501A0316	GANDRAPU VAMSI		



**HEAD**

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**PVP SIDDHARTHA INSTITUTE OF TECHNOLOGY: KANURU**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**IV B. TECH II SEM MAIN PROJECT WORK DETAILS**  
**IV B. Tech II Semester (2022-23) SEC-II**

Group No	Reg. No	Name of the Student	Title	Internal Guide
1	20505A0318	PADALA SAI KIRAN	IDENTIFICATION OF MACHINE FAULTS USING DATA DRIVEN MODELS THROUGH VIBRATION ANALYSIS	Mr Ch Lakshmikanth
	20505A0322	SHAIK SAIDA ANWAR		
	19501A0384	TADAVARTHI YUVAKIRAN NAGA VENKATA SAI GANESH		
	19501A0394	UMMADI NAGASEKHAR REDDY		
2	20505A0325	VEMULAPALLI CHINMAI	POSSIBILITY FOR NET ZERO USING HYBRID SYSTEM OF AN AIR-CONDITIONER.	Dr. P Anusha
	19501A0371	SAGGURTHI RAMADEVI		
	19501A0378	SHAIK KHISER SIDDIQ		
	19501A0388	TELLAM VENKANNABABU		
3	20505A0326	YARLAGADDA AYYAPPA	COMPARATIVE ANALYSIS OF SEMI MONOCOQUE STRUCTURED AIRCRAFT NOSE CONE MADE OF DIFFERENT TITANIUM GRADED ALLOYS AND INFLUENCE OF SHELL THICKNESS AT DIFFERENT OPERATING CONDITIONS	Mr. T J Prasanna Kumar
	20505A0316	MADUGULA KIRAN KUMAR		
	19501A0379	SHAIK ROSHAN		
	19501A0367	PUNAMALLI TARUN KUMAR		
4	20505A0321	PERA VARAPU HARSHA VARDHAN KUMAR	DESIGN AND FABRICATION OF MULTI-PURPOSE STEPS	Mr. T J Prasanna Kumar
	19501A0373	SAMPASALA SAI		
	19501A0391	TIKKISETTI HARISH		
	19501A0355	NALLABOLU TONY		
5	20505A0319	PAMIDAKULA MANIKANTA	PVC PIPES ASSISTED GO KART WITH LOW COST	Dr. Ch Kishore reddy
	19501A0352	MUPPALLA PRAVEEN CHOWDARY		

6	19501A0354	NALAJALA TAGOR SAI	DESIGN OF A SELF GUARDED DRONE AND ANALYSIS USING FUSION 360	Mr. P Masthanrao
	19501A0351	MUKKAMALA NAGESH		
	19501A0350	MOTHUKURI RAHAMATH VALI		
	20505A0324	UDDAGIRI SIVANANDA		
	19501A0356	NALLURI AISHWARYA		
	19501A0374	SATHIVADA PRADEEP		
7	19501A0366	POTLURI KALI PRASAD	FABRICATION OF AUTOMATIC MOPPING MACHINE	Mrs M Radha Devi
	19501A0393	UMMADALA JAGADEESH		
	19501A0385	TAFHEEMUR RAHMAN KHAN		
	19501A0369	RAVULA AKSHAY KUMAR		
	19501A0382	SONDI SAI KIRAN		
	20505A0328	YALAGATI SANDEEP		
8	20505A0327	MEDABALIMI SAGAR	DESIGN AND FABRICATION OF MULTI UTILITY VEHICLE	Mr. I Manoj Kumar
	19501A0387	TATAPUDI TONI VENKAT		
	19501A0364	PATHAN RIZWAN KHAN		
	19501A0357	NEELAPU NIKHIL BABU		
	19501A0359	NIMMAKURI VINEETH		
	19501A0361	PAJJURU JASWANTH RAKESH		
9	19501A0362	PAMU RAHUL	ENHANCEMENT OF HEAT TRANSFER OF CAR RADIATOR USING AQUA BASED AL2O3 NANOPARTICLES, CTAB&SDBS	Dr. M.NagaSwapnasri
	19501A0395	UPPALAPATI DHANUSH		
	20505A0311	JAYAMADHURI MANDAVA		
	19501A0363	PARVATHANENI VAMSI		
	19501A0375	SAYANA GOWTHAM		
	19501A0376	SHAIK ABDUL RAHMAN		
11	19501A0381	SHAIK ZIAVULLA	IOT BASED INSPECTION ROBOT	Dr. Sd. Abdul Kalam

	19501A0377	SHAIK KARIM		
	19501A0368	RAGIDI SANTHOSH		
	20505A0320	PATAN SHARUK KHAN		
12	19501A0372	SAKAM SUBBA RANGAREDDY	ONLINE VIBRATION MONITORING OF ROTATING MACHINERY THROUGH IOT USING NODEMCU	Dr. K Ravi Prakash
	19501A0396	VEERLA GOWTHAM SAI		
	19501A0365	PODILI PRAVEEN KUMAR		
	20505A0315	KONDA VENKATESWARLU		
13	20505A0314	KOLLIKONDA UDAY GOPAL	EFFECT OF EGG SHELL PARTICULATE ON THE PROPERTIES OF GLASS/JUTE FIBRE REINFORCED EPOXY COMPOSITES.	Mr. M Somaiah Chowdary
	19501A0358	NERSU LOKESH		
	19501A0360	PAIDIPAMULA BHARATH KUMAR		
	20505A0317	MERUGUMALA UMA MAHESWARA RAO		
14	19501A0370	REVVU VENKATA NAGA SAI MANIKANTA	MACHINING CHARACTERISTICS AND MECHANICAL PROPERTIES OF AL-ZR-BORON CARBIDE METAL MATRIX COMPOSITE PRODUCED BY STIR CASTING	Mr. P Gopalakrishnaiah
	19501A0397	VEERLA VENKATESWARA RAO		
	19501A0389	TENTU SAI VARSHITH PRASAD		
	20505A0323	SIRIPURAPU CHANDRASEKHAR		
15	19501A0386	TATA CHANDRA SEKHAR	WEAR STUDIES OF ALUMINA-GRAPHENE CERAMIC COMPOSITE MATERIAL	Dr. KIV Vandana
	19501A0392	TIRUMALA MANI SANKAR		
	19501A0353	MUTYALA SIVA SATYA NAGA TIRUMALA KUMAR		

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