



**2024-25 MICROPROJECT LIST**

**Mechanical Engineering Department**

SN	Candidate Name	EES	MAM	MEM	EDR
TOTAL TH/PR TILL DATE					
1	CHINMAY PATIL	Technical analysis of nearby commercial RO plant.	Comparative study of various linear measuring instruments like steel rule, Inside-outside micrometer, Vernier caliper and Digital caliper with proper justification.	Collect information related to Types, Properties and applications of smart materials from websites. Present the information in the form of a Chart.	Prepare a ' Women entrepreneurship business plan ' Choose relevant government scheme for the product/service
2	SHRUTIKA ABANE				
3	ALHAT JAMES PHILIP				
4	DEVKATE ATHARVA MAHADEV				
5	VIGHNESH DHONDE	Comparative study of different filters used in Household water filtration unit	Comparative study of surface finish of various samples machined by various machining / finishing processes using surface roughness tester.	Collect samples of various types of plastics, ceramics, composites used in day-to-day applications and prepare charts containing properties, applications of the samples.	Prepare a 'Pitch- desk' for your start up
6	MHATRE SWAYAM ANKUSH				
7	NAIKARE SAUNSKAR RAJESH				
8	PANDAGALE OMKAR HANUMANT				
9	SHREYASH PARULEKAR	Evaluate any nearby biogas plant / vermicomposting plant or any such composting unit on the basis of sustainabilityand cost-benefit	Prepare a report on calibration procedure of Vernier Caliper and Micrometer followed by NABL Lab.	Comparative study of various materials used in previous and current generation components of mechanical engineering equipment like IC Engine, Compressor, turbine, pumps, refrigerator, water cooler, Lathe Machine, Milling Machine, Drilling Machine grinding machine (any one) with proper justifications.	Prepare a business plan for a. Market research b. Advertisement agency c. Placement Agency d. Repair and Maintenance agency e. Tour and Travel agency
10	AMIT SURYAKANT PATIL				
11	RUSHALI SASANE				
12	ADARSH SRIVASTAVA				
13	TAMBE SHRAVAN JALINDER	IKS-Study and prepare a note on Vedic and Pre-Vedic techniques of environmental conversion	Prepare a visit report on measurement systems used in near by industries / SME / Workshops / Fabrication shops.	Preparation of a chart of comparison of hardness of various materials.	Prepare a 'Social entrepreneurship business plan, plan for CSR funding.
14	WAGHCHORE VIVEK BALU				
15	PRATHAM JADHAV				
16	JABBAR KHAN				
17	DHUMAL PRATIK PRAMOD	Visit a local polluted water source and make a report mentioning causes of pollution	Perform comparative study of different contact and non contact type transducers / sensors.	Prepare models showing various crystal structures.	Prepare a business plan for identified projects by using entrepreneurial eco system for the same (Schemes, incentives, incubators etc.)
18	SHINDE SHREYA MAHENDRA				
19	KASAREKAR ABHAV SURESH				
20	GUPTA SURAJ RAJESH				
21	GUNJAL VIKAS RAJU	Visit a local polluted water source and make a report mentioning causes of pollution	Visit to Automobile service station, observe the different sensors used in cars and prepare a report of the same. (Name, Use, Location, Working, Applications)	Prepare a puzzle game on Iron-carbon Equilibrium diagram.	
22	VINHERKAR SHUBHAM MANOJ				
23	DAINE ANIRUDH RAMESH				
24	JADHAV SUMIT SANJAY				
25	KOYANDE VAISHNAVI DEEPAK	Technical analysis of nearby commercial RO plant.	Comparative study of various linear measuring instruments like steel rule, Inside-outside micrometer, Vernier caliper and Digital caliper with proper justification.	Collect information related to Types, Properties and applications of smart materials from websites. Present the information in the form of a Chart.	Prepare a ' Women entrepreneurship business plan ' Choose relevant government scheme for the product/service
26	PAWAR TUSHAR VISHNU				
27	MADGE ABHISHEK VIOND				
28	PATNUSKAR AAYUSH SANTOSH				
29	DODKE AJAY SANJAY	Comparative study of different filters used in Household water filtration unit	Comparative study of surface finish of various samples machined by various machining / finishing processes using surface roughness tester.	Collect samples of various types of plastics, ceramics, composites used in day-to-day applications and prepare charts containing properties, applications of the samples.	Prepare a 'Pitch- desk' for your start up
30	BHOIR SAHIL SANJAY				
31	SAWANT SANKET BALASO				
32	PAWAR SAURABH PRAKASH				
33	SHERKHANE NARENDRA SHESHRA	Evaluate any nearby biogas plant / vermicomposting plant or any such composting unit on the basis of sustainabilityand cost-benefit	Prepare a report on calibration procedure of Vernier Caliper and Micrometer followed by NABL Lab.	Comparative study of various materials used in previous and current generation components of mechanical engineering equipment like IC Engine, Compressor, turbine, pumps, refrigerator, water cooler, Lathe Machine, Milling Machine, Drilling Machine grinding machine (any one) with proper justifications.	Prepare a business plan for a. Market research b. Advertisement agency c. Placement Agency d. Repair and Maintenance agency e. Tour and Travel agency
34	KAMBLE SAI NIVAS				
35	ANURAG PANDURANG THAKUR				
36	OMKAR SAMBHAJI THORAVE				
37	YADAV TUSHAR RAMCHANDRA	Visit a local polluted water source and make a report mentioning causes of pollution	Prepare a visit report on measurement systems used in near by industries / SME / Workshops / Fabrication shops.	Preparation of a chart of comparison of hardness of various materials.	Prepare a 'Social entrepreneurship business plan, plan for CSR funding.
38	PADADE OMKAR GOVIND				
39	SUTAR PRASHANT PRAKASH				
40	SOLKAR GAURAV SADANAND				
41	MHATRE KUNAL PANDURANG	Visit a local polluted water source and make a report mentioning causes of pollution	Perform comparative study of different contact and non contact type transducers / sensors.	Prepare models showing various crystal structures.	Prepare a business plan for identified projects by using entrepreneurial eco system for the same (Schemes, incentives, incubators etc.)
42	POL OMKAR DHANAJI				
43	SHINDE DHRUVESH SHEKHAR				
44	SONAWANE KARAN RANGNATH				
45	KADAM YASH SANJAY	Technical analysis of nearby commercial RO plant.	Comparative study of various linear measuring instruments like steel rule, Inside-outside micrometer, Vernier caliper and Digital caliper with proper justification.	Collect information related to Types, Properties and applications of smart materials from websites. Present the information in the form of a Chart.	Prepare a ' Women entrepreneurship business plan ' Choose relevant government scheme for the product/service
46	TAMBE RUNAY RUDAY				
47	MHATRE AASHISH DNYANESHWAR				
48	VIPUL MOTIRAM KOLI				
49	POKALE MAYURESH MAHADEV	Comparative study of different filters used in Household water filtration unit	Comparative study of surface finish of various samples machined by various machining / finishing processes using surface roughness tester.	Collect samples of various types of plastics, ceramics, composites used in day-to-day applications and prepare charts containing properties, applications of the samples.	Prepare a 'Pitch- desk' for your start up
50	JADHAV SUBODH SANJAY				
51	SURVE PRAFUL PANDURANG				
52					



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Mechanical Engineering Department

SN	Candidate Name	ETM	IHP	AEN	IEQ	RAC
1	PAWAR KRUPALI SHAMRAO	Prepare the Working model of wood or cardboard. of Green Manufacturing & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Direction Control Valve & Report of atleast 10 pages.	Prepare a chart of Symbolic representation of different electrical-electronic components used in automobiles. (e.g. Earthing, Fuse, Circuit Breaker, Capacitor, Resistor, Coil, Switch, Diode, Motor, Semi conductor etc.)	Calculate the predetermine time and total time required for the delivery of food (pizza/Burger) from fast food centers available in your city or town. Prepare sequence of activity and represent with Therbligs.make a report on it	Prepare a chart of showing all the components of household refrigerator and make report
	PATIL KETAN GUNVAN					
	PRATHMESH PAWAR					
	TAKKE SNEHANKIT LAXMAN					
2	SEMNA UBAID MANSOOR ALI	Prepare the Working model of wood or cardboard. of Nano materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Flow Control Valve & Report of atleast 10 pages.	Collect information of Chassis Specifications of different vehicles.	Make a chart on types of controls as per Ergonomics.	collect the different air outlet device used in Central air conditioning system and make report
	PADIR YASH DATTATRAY					
	SMIT AJAY PATIL					
	PISAL VED ANIL					
3	KHARATMOL PRATHMESH DINE	Prepare the Working model of wood or cardboard. of Piezoelectric Materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Different types of Compressor & Report of atleast 10 pages.	Perfrom comparative study of different alternative fuels available in India	Make Chart on Details Information about Anthropometry	collect information Central air contioning plant/Mall/Showrooms and collect the information regarding air conditioning and make report
	KOLGAVKAR ARYAN ABHIJEET					
	TUPE TANISHQ SACHIN					
	GAWAND NITESH NARESH					
4	GUDEKAR VIGNESH VISHNU	Prepare the Working model of wood or cardboard. of Piezoelectric Materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Different types of Pump & Report of atleast 10 pages.	Prepare a Layout indicating various sections, Specialized Equipments, Machines and basic amenities provided.	Prepare the list on World class industries using Six sigma Technique at present. and write detail report on any one of industry.	collect information of household refrigerator,make capacity,arrangement,feactures and commercial termsand make report
	MANDAVKAR ADITYA SUNIL					
	PAWAR OM MANGESH					
	PORJI PIYUSH JOMA					
5	SAWANT PIYUSH PARASHARAM	Prepare the Working model of wood or cardboard. of Pums & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Pnumatic circuit symbol & Report of atleast 10 pages.	Prepare a case study on RTO Policies for enhancing Road Safety	Visit any manufacturing local/nearby Industry and observe the various statistical Quality controls techniques carried out. Prepare related chart.	Prepare display chart of type of refrigerant used in commercial and Industrial application
	NEHAL CHANGO BHOIR					
	MORE GAURI PRAFULL					
	MULANI SAHIL AZIZ					
6	DALVI OMKAR DATTU	Prepare the Working model of wood or cardboard. of Turbines & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Hydraulic Circuit symbol & Report of atleast 10 pages.	Prepare a case study on Importance of Metro Rail in Rapid transition System	Calculate the predetermine time and total time required for the delivery of food (pizza/Burger) from fast food centers available in your city or town. Prepare sequence of activity and represent with Therbligs.make a report on it	collect information of cold storage and make report
	JADHAV GAURAV VILAS					
	GHADGE ANIKET RAJENDRA					
	CHAVAN VAIBHAV NANDKUMAR					
6	AKSHAY ANANT KELSHIKAR	Prepare the Working model of wood or cardboard. of Piezoelectric Materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Different types of Compressor & Report of atleast 10 pages.	Perfrom comparative study of different alternative fuels available in India	Make Chart on Details Information about Anthropometry	collect information Central air contioning plant/Mall/Showrooms and collect the information regarding air conditioning and make report
	MUDALE ROHIT DATTU					
	NIRAJ VERMA					
	DANSUR ADITYA BHAUSAHEB					
7	KOLI DARSHAN DATTARAM	Prepare the Working model of wood or cardboard. of Piezoelectric Materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Different types of Pump & Report of atleast 10 pages.	Prepare a Layout indicating various sections, Specialized Equipments, Machines and basic amenities provided.	Prepare the list on World class industries using Six sigma Technique at present. and write detail report on any one of industry.	collect information of household refrigerator,make capacity,arrangement,feactures and commercial termsand make report
	SAMUDRE SAUMYA SANTOSH					
	JAGTAP AARYA VIVEK					
	KOLI SANYOG YOGESH					
7	SALEKAR SAHIL SHREEKANT	Prepare the Working model of wood or cardboard. of Pums & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Pnumatic circuit symbol & Report of atleast 10 pages.	Prepare a case study on RTO Policies for enhancing Road Safety	Visit any manufacturing local/nearby Industry and observe the various statistical Quality controls techniques carried out. Prepare related chart.	Prepare display chart of type of refrigerant used in commercial and Industrial application
	KHUTALE MRUNAL MADHUKAR					
	SHELKE YADNESH KONDIBA					
	MARCHANDE SWARAJ SURESH					
8	TINGRE VIKRAM KAILAS	Prepare the Working model of wood or cardboard. of Turbines & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Hydraulic Circuit symbol & Report of atleast 10 pages.	Prepare a case study on Importance of Metro Rail in Rapid transition System	Calculate the predetermine time and total time required for the delivery of food (pizza/Burger) from fast food centers available in your city or town. Prepare sequence of activity and represent with Therbligs.make a report on it	collect information of cold storage and make report
	ITAKAR GOVIND SHIVAJI					
	TIWARI SHREYASH AKHILESH					
	MADHAVI AAYUSH NAMDEO					
8	BIBEKAR ONKAR ANANDA	Prepare the Working model of wood or cardboard. of Piezoelectric Materials & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Different types of Pump & Report of atleast 10 pages.	Prepare a Layout indicating various sections, Specialized Equipments, Machines and basic amenities provided.	Prepare the list on World class industries using Six sigma Technique at present. and write detail report on any one of industry.	collect information of household refrigerator,make capacity,arrangement,feactures and commercial termsand make report
	DHOTRE AATISH KASHINATH					
	SURAJ VILAS SHINDE					
	PATIL HARSH PARSHURAM					
9	DONDE SUSHANT YOGESH	Prepare the Working model of wood or cardboard. of Pums & Report of atleast 10 pages.	Prepare the Working model of wood or cardboard of Pnumatic circuit symbol & Report of atleast 10 pages.	Prepare a case study on RTO Policies for enhancing Road Safety	Visit any manufacturing local/nearby Industry and observe the various statistical Quality controls techniques carried out. Prepare related chart.	Prepare display chart of type of refrigerant used in commercial and Industrial application
	PATIL SWARAJ VIVEK					
	BARSHI YASH MOHAN					
	SALUNKHE ABHISHEK					
	HRISHIKESH KADAM					