### **A Report on**

# PROJECT EXHIBITION & PAPER PRESENTATION

#### **ACADEMIC YEAR- 2022-23**



Organizedby

#### **DEPARTMENT OF MECHANICAL ENGINEERING**

ON

28<sup>TH</sup> & 29<sup>TH</sup> APRIL 2023

One day project exhibition and one day paper presentation of final year project works-2023 was organized in the department of Mechanical Engineering on 28<sup>th</sup> and 29<sup>th</sup> April, 2023.

The inaugural of the project exhibition witnessed the presence all the Honourable K S Management CommitteeDignitaries ,our beloved principal & director Dr.DilipKumarK. and our beloved HOD Dr.M.Umashankar along with the staff members' of department of mechanical KSIT.















Glimpse of event

This exhibition offered a platform for students to present & exhibit their innovative projects, and also unleash their potential to demonstrate their learning experience.

The projects carried out by the students were with respect to the issues like technology in environmental, societal, multidisciplinary, research based, computational skills using modern tools and product development in the field of agriculture, industrial automation, rural development and others innovative areas

The following were the project teams participated in project exhibition and Paper presentation

Batch no.	Name	USN	TITLE	PROJECT GUIDE	
	JASWANTH S	1KS19ME013			
1	SHREYAS B	1KS19ME030	FABRICATION OF SMART	Dr. Girish TR	
1	SUJAY ADITHYA	1KS19ME033	IRRIGATION SYSTEM USING iot	Dr. Girish TK	
	THEJAS VR	1KS19ME035			
	NIHAL ML	1KS19ME019			
2	ABHISHEK MANIKUMAR	1KS18ME001	ELECTRO PLATING OF DISC ROTOR	Mr.Nagabhushana	
2	ROJA G NAIK	1KS18ME057	WITH COPPER	M	
	RAMACHANDRA S	1KS19ME028			
	HEMANTH K	1KS19ME011			
3	JITHAN A	1KS19ME016	DESIGN AND FABRICATION OF	Dr.Nirmala L	
3	MADHU V	1KS19ME017	SOLAR DRYER SYSTEM FOR ONION	DI INITITIALA L	
	NITHESH SR	1KS19ME020			
	ACHINTHAY S SAROVER	1KS19ME001			
4	AJITH KUMAR R	1KS19ME003	DESIGN AND FABRICATION OF	Mr.Prasad K	
4	MANUKUMAR DK	1KS19ME018	AUTOMATIC PESTICIDE SPRAYER	IVII.FI asau K	
	ROHITH S	1KS18ME056			
	PRASANNA KUMAR G	1KS19ME022			
5	PRATAP REDDY	1KS19ME023	PNEUMATIC 4-AXIS MATERIAL	Dr.Saleem Khan	
3	R.DEEPAK A RAO	1KS19ME024	HANDLING ROBOT	Di Saleelli Kilali	
	RAKSHITH NAGESH	1KS19ME022			
	MANOJ REDDY R	1KS19ME025	EXPERIMENTAL STUDIES ON		
6	RAHUL R	1KS19ME026	OSCILLATING HEAT PIPES USING	Mr.Parashuram k	
	SRI KRISHNA SANTHOSH	1KS19ME032	CONVENTIONAL NANO FLUIDS		

	SYED ASMA ASHEER	1KS19ME034			
	ANUSH S	1KS18ME008		Ma Manissath DD	
7	ATIF SHAIK	1KS18ME010	WASTE SEGGREGATION USING		
'	KARTHIK GS	1KS18ME024	IMAGE PROCESSING	Mr.Manjunath BR	
	PRAJWAL NIKAM	1KS18ME048			
	ARUN KUMAR M	1KS19ME009			
	CHARITH S	1KS19ME008	DESIGN AND CONSTRUCTION OF		
8	SANJAY V	1KS19ME029	INTEGRATED SHREDDER AND	Mr.Ranganath N	
	VENKATARAMANA G BHAT	1KS19ME039	DOMESTIC COMPOSTING DEVICE		
	BHAVAN KASHAYAP K	1KS19ME005	GENERATION OF ELECTRICAL		
9	ADVAIT SIDDANTH KV	1KS19ME002	ENERGY USING NEODYMIUN	Mr.Anilkumar A	
9	TILAK P	1KS19ME036	MAGNETS IN DOBLE CYLINDER	Wir.Anlikumar A	
	VAISHANAV H	1KS19ME037	ACTUATOR		
	JAYANTH TK	1KS19ME014	CHARACTERIZATION &		
10	DHANUSH GOWDA M	1KS19ME010	DTERMINATION OF BRIQUETTE	Dr.Nagaprasad KS	
10	PRAJWAL	1KS19ME021	FUEL FROM CORN CUB AND	Dr.Nagaprasau KS	
	JEEVAN BS	1KS19ME015	COCONUT COIR		
11	DARSHAN	1KS19ME009	FABRICATION OF SMART DUSTBIN	Mr.Harish U	
11	ZAFFAR ABDULLA SHEIK 1KS19ME		WITG CRUSHER MACHINE	IVII.MANSII U	

The following were the JUDGES INVITED for Evaluation of the project works

<b>JUDGE-1</b>	JUDGE-2
Mr.Rajeeva V	Mr. Rathode Raj Kumar
Manager	DGM
Helicopter Division,	Helicopter Division,
HAL, Bangalore	HAL,Bengaluru

The following were invited as Session chair for paper presentation of the project works

Session Chair Dr. Kamesh Professor, MED DSAE, Bangalore

#### Judges Evaluated project works considering the following criteria

Theoretical	Problem	Design	Analysis of	Communicate on	Sustainable Development
and	Analysis	Development/PO3	Result	project work	Recommendation for
<b>Fundamental</b>	/PO2	(Modern Tool	• Use the	through report and	implementation, further
Knowledge		usage)/PO5	appropriate	presentation/PO9	research and
/PO1			analysis		commercialization/PO7
			approach(s) to		
			interpret the		
			gathered data		
			into sensible		
			findings/PO4		

#### Best project of the Academic Year:2022-23

	ARUN KUMAR M	1KS19ME009			
	CHARITH S	1KS19ME008	DESIGN AND CONSTRUCTION OF INTEGRATED SHREDDER	First Prize	
Batch No 08	SANJAY V	1KS19ME029	AND DOMESTIC COMPOSTING		
	VENKATARAMANA	1KS19ME039	DEVICE		
	G BHAT	IK319WLU39			
	JASWANTH S	1KS19ME013	FABRICATION OF SMART		
Datah Na 01	SHREYAS B	1KS19ME030	IRRIGATION SYSTEM USING IOT	Second prize	
Batch No 01	SUJAY ADITHYA	1KS19ME033			
	THEJAS VR	1KS19ME035			

#### Best paper of the Academic Year:2022-23

Batch No 03	HEMANTH K	1KS19ME011		
	JITHAN A	1KS19ME016	DESIGN AND FABRICATION OF SOLAR DRYER SYSTEM FOR	First Prize
	MADHU V	1KS19ME017	VEGETABLES	
	NITHESH SR	1KS19ME020		
	ARUN KUMAR M	1KS19ME009	DESIGN AND CONSTRUCTION	
	CHARITH S	1KS19ME008	OF INTEGRATED SHREDDER	Second prize
Batch No 08	SANJAY V	1KS19ME029	AND DOMESTIC COMPOSTING	
	VENKATARAMANA	1KS19ME039	DEVICE	
	G BHAT	TIVOTOIVILLOOD		

#### **Project exhibition Outcome:**

Students were able to improve communication skills and presentation skills through this exhibition

Event	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
Project exhibition - 2022	1	ı	1	1	1	ı	1	3	3	3		

#### **Outcomes of the Project exhibition**

- Other than final year students all the I year, II year and III year students got to know the importance of project work and get motivated to opt their project work innovatively.
- Students were able to improve communication and presentation skills by interacting with judges

Head of the Department Dept. of Mechanical Engg. K.S. Ineditate of Technology Bongaluru - 560 109.

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## K S INSTITUTE OF TECHNOLOGY DEPARTMENT OF MECHANICAL ENGINEERING PROJECT WORK PHASE-II ACADEMIC YEAR 2022-23

Batch no.	Name	USN	TITLE	PROJECT GUIDE	
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	JASWANTH S	1KS19ME013			
1	SHREYAS B	1KS19ME030	FABRICATION OF SMART IRRIGATION SYSTEM USING iot	Dr. Girish TR	
	SUJAY ADITHYA	1KS19ME033			
	THEJAS VR	1KS19ME035			
	NIHAL ML	1KS19ME019			
2	ABHISHEK MANIKUMAR	1KS18ME001	LELECTRO PLATING OF DISC ROTOR WITH COPPER	Mr.Nagabhushana M	
	ROJA G NAIK	1KS18ME057	LELECTION FLATING OF DISC NOTON WITH COFFER		
	RAMACHANDRA S	1KS19ME028			
	<u> </u>				
	HEMANTH K	1KS19ME011		Du Missanda I	
2	JITHAN A	1KS19ME016	DESIGNAND EARDIGATION OF SOLAR DRIVER SYSTEM FOR ONION		
3	MADHU V	1KS19ME017	DESIGN AND FABRICATION OF SOLAR DRYER SYSTEM FOR ONION	Dr.Nirmala L	
	NITHESH SR	1KS19ME020			
		•			
	ACHINTHAY S SAROVER	1KS19ME001			
	AJITH KUMAR R	1KS19ME003	DESIGN AND FABRICATION OF AUTOMATIC PESTICIDE		
4	MANUKUMAR DK	1KS19ME018	SPRAYER	Mr.Prasad K	
	ROHITH S	1KS18ME056			
	PRASANNA KUMAR G	1KS19ME022			
_	PRATAP REDDY	1KS19ME023			
5	R.DEEPAK A RAO	1KS19ME024	PNEUMATIC 4-AXIS MATERIAL HANDLING ROBOT	Dr.Saleem Khan	
	RAKSHITH NAGESH	1KS19ME022			

	MANOJ REDDY R	1KS19ME025			
	RAHUL R	1KS19ME026	EXPERIMENTAL STUDIES ON OSCILLATING HEAT PIPES USING	Mar Dawash	
6	SRI KRISHNA SANTHOSH	1KS19ME032	CONVENTIONAL NANO FLUIDS	Mr.Parashuram k	
	SYED ASMA ASHEER	1KS19ME034			
	ANUSH S	1KS18ME008			
7	ATIF SHAIK	1KS18ME010	WASTE SEGGREGATION USING IMAGE PROCESSING	Mr.Manjunath BR	
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	PRAJWAL NIKAM	1KS18ME048			
	ARUN KUMAR M	1KS19ME009			
8	CHARITH S	1KS19ME008	DESIGN AND CONSTRUCTION OF INTEGRATED SHREDDOR AND	Mr.Ranganath N	
0	SANJAY V	1KS19ME029	DOMESTIC COMPOSTING DEVICE		
	VENKATARAMANA G BHAT 1				
	BHAVAN KASHAYAP K	1KS19ME005			
9	ADVAIT SIDDANTH KV	1KS19ME002	GENERATION OF ELECTRICAL ENERGY USING NEODYMIUN	Mr.Anilkumar A	
	TILAK P	1KS19ME036	MAGNETS IN DOBLE CYLINDER ACTUATOR	IVII.AIIIKUIIIAI A	
	VAISHANAV H	1KS19ME037			
	JAYANTH TK	1KS19ME014			
10	DHANUSH GOWDA M	1KS19ME010		Dr.Nagaprasad KS	
10	PRAJWAL	1KS19ME021	CHARACTERIZATION & DTERMINATION OF BRIQUETTE FUEL FROM	Di inagapiasau N3	
	JEEVAN BS	1KS19ME015	CORN CUB AND COCONUT COIR		
11	DARSHAN	1KS19ME009		Mr.Harish U	
11	ZAFFAR ABDULLA SHEIK	1KS19ME040	FABRICATION OF SMART DUSTBIN WITG CRUSHER MACHINE	IVII .I Idi ISII U	

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Principal
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