

Department of Mechanical Engineering

Funded Projects

Sl. No.	Title of the Project	Funding Agency	Year/Duration	Amount Sanctioned Rs. In Lakhs	Status of the project	Coordinator
1	A novel method to form the inter metallics in aluminum metal matrix composite while Friction stir processing and welding”(AQIS ID: 1-9276814312)	AICTE funded project under Research Promotion Schemes (RPS)- General New-Delhi (Granted)	2022	18.765	Ongoing	Dr. Sadashiva M
2	Study of Dynamic Stability and Effect of Vehicular parameters on Road Fatalities of Indian Light Motor Vehicles	VTU GRANT	2022	10.00	Ongoing	Dr. S Ghanaraja
3	Study of Dynamic Stability and Effect of Vehicular parameters on Road Fatalities of Indian Light Motor Vehicles	VTU Belagavi, Karnataka under RGS – 2021 Scheme	2022	10.00	Ongoing	Dr. Madhusudana C K
4	Performance monitoring of Composite Materials while Machining and Welding Using Machine Vision System	AICTE	2020	15.96	Ongoing	Dr. H V Ravindra Dr. Gurupavan H R Dr. Rudresh Addamani
5	Vibration and Noise Analysis of Parallel Shaft Gear Drive Systems	AICTE	2017	10.00	Ongoing	Dr. Ajit Prasad S.L.
6	Monitoring the status of the Drilled Hole in Composite Materials Using Multisensory Approach	DRDO	2014-17	10.00	Completed	Dr. H V Ravindra

7	Monitoring of electrode in WEDM machining using Multi – sensory approaches	UGC	2013-15	6.35	Completed	Dr. H V Ravindra
8	Fabrication of billets using powder mixture to be used in stir casting process	VGST – TRIP	2012-13	0.40	Completed	Dr. Ajit Prasad S.L.
9	Monitoring of machine elements using machine vision	VTU	2012-15	6.45	Completed	Dr H.V. Ravindra
10	Optimization of Process parameters and monitoring the electrode in Wire EDM	AICTE	2010-13	7.00	Completed	Dr. H.V. Ravindra
11	Tribological Study of Metal Matrix composite Materials	AICTE	2007	8.00	Completed	Dr. S.L. Ajit Prasad
12	Micro Finishing of internal primitives through Extrusion Honing Process	AICTE	2007	11.00	Completed	Dr H.P. Raju & Dr. C. J. Gangadharagowda
13	Image Processing Technique for Automated Inspection and Flow Visualization	UGC	2007	8.536	Completed	Dr H.V. Ravindra
14	Industry institute Partnership Cell	AICTE	2006	1.00	Completed	Dr H.V. Ravindra
15	Experimental investigation of the surface roughness effects on the journal bearings performance	AICTE	2004	7.50	Completed	Dr.T. Nagaraju
16	Improvement if post Graduate teaching facilities	DST	2005-2007	20.00	Completed	Dr H.V. Ravindra

17	Industry Institute Partnership Cell	AICTE	2002-2004	8.00	Completed	Dr H.V. Ravindra
18	Condition Monitoring of the Machine tools	UGC	2002-2004	6.60	Completed	Dr H.V. Ravindra
19	Condition Monitoring of the Machine tools	UGC	2002-2004	6.60	Completed	Dr H.V. Ravindra
20	Condition Monitoring of the Machine tools	UGC	2002-2004	6.60	Completed	Dr H.V. Ravindra
21	Condition Based Maintenance in sugar Industries	AICTE	2000-2001	3.64	Completed	Dr H.V. Ravindra
22	Condition Based Maintenance in sugar Industries	AICTE	2000-2001	3.64	Completed	Dr H.V. Ravindra
23	Development of FMS laboratory	AICTE	1997-1999	6.00	Completed	Dr H.V. Ravindra
24	Tool Condition Monitoring during Machining	DST	1997-1999	7.18	Completed	Dr H.V. Ravindra
25	Development of CAD/CAM laboratory	AICTE	1996-1998	4.00	Completed	Dr H.V. Ravindra
26	Centre for Automation & Robotics (CAR)	AICTE	1999-2000	6.00	Completed	Dr. K.N. Umesh
27	Modernisation of Mechanical Engg Lab	MHRD	1989-90	15.00	Completed	Dr. C. Padmanabha