

# VASAVI COLLEGE OF ENGINEERING (AUTONOMOUS)

## Department of Mechanical Engineering

### Consultancy

S. No	Year of Sanction	Title of the Consultancy Project	Duration of Project	Name of the Industry / Organization	Amount mobilized in Rupees	Principal Investigator Name	Status Completed/ Ongoing
1.	2022-23	2 D Convergent divergent nozzle mechanism proposal	2022-23	Misochain Technologies Pvt. Limited, Bangalore	8,86,475	Dr. T. Ramamohan Rao Dr. J. Anjaneyulu Dr. P. Venkateswara Rao	Completed
2.	2022-23	VANE-II	2022-23	Vijaya Engineering Works, Hyderabad-500037.	5,310	Mr. S. Sreekrishna Mr. G. Venugopal	Completed
3.	2022-23	Prototype of Light SIP 3 Layer structure	2022-23	Light Speed Photonics Pvt. Ltd. Hyderabad 500081	5,074	Mr. S. Sreekrishna Mr. G. Venugopal	Completed
4.	2022-23	Prototype of Light SIP Multy Layer structure (3D Printed with ABS Material)	2022-23		5,133	Mr. S. Sreekrishna Mr. G. Venugopal	Completed
5.	2021-22	End Casting DT Loose Cores	2021-22	Vijaya Engineering Works, Hyderabad-500037.	1,770	Mr. S. Sreekrishna Mr. G. Venugopal	Completed
6.	2021-22	VANE-I	2021-22		1,770	Mr. S. Sreekrishna Mr. G. Venugopal	Completed
7.	2020-21	End Casting DT Loose Cores	2020-21	Vijaya Engineering Works Balanagar, Hyderabad	1,500	Mr. K. Srinivasa Rao	Completed
8.	2018-19	Consultancy Service provided on electric discharge machine	2018-19	CMR CET, Hyderabad	6,000	Dr. J. Anjaneyulu	Completed
9.	2015-16	Opto-Mechanical Housing for Mini Microscope	2015-16	Bhat Bio Technology Ltd., Bangalore	1,00,000	Prof. P. Venkata Ramana (Dept. Staff: Mr. D. Rajasekhar Mr. G. Venugopal)	Completed
10.	2014-15	Design and Development of Optical and Opto-Mechanical System for near IR imaging	2014-15	Research Centre Imarat, DRDO, Ministry of Defence, Hyderabad	9,95,000	Prof. P. Venkata Ramana (Dept. staff: Mr. S. Sreekrishna Mr. D. Rajasekhar)	Completed

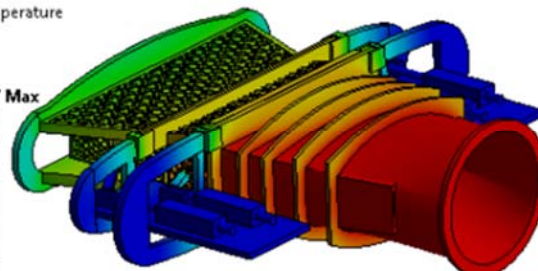
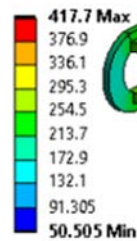
## Products developed for MSMEs (Samples)



## Design and development of CD Nozzle mechanism

### TEMPERATURE DISTRIBUTION

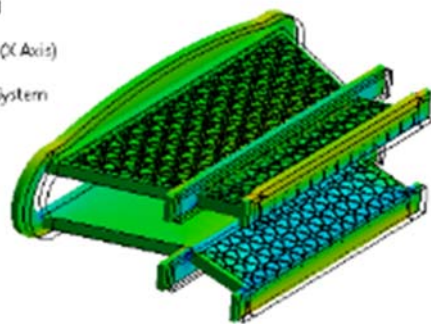
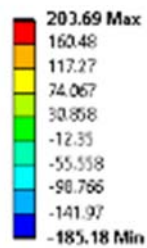
**A: Steady-State Thermal**  
Temperature  
Type: Temperature  
Unit: °C  
Time: 1



0.00 300.00 (mm)  
150.00



**B: Static Structural**  
Normal Stress 9  
Type: Normal Stress(X Axis)  
Unit: MPa  
Global Coordinate System  
Time: 1



0.00 200.00 (mm)  
100.00

X AXIS

