


## FACULTY PROFILE

Name of the Faculty:		<b>AVULA SURESH</b>				
Designation:		<b>ASSISTANT PROFESSOR</b>				
Department:		<b>MECHANICAL</b>				
Date of Birth:		<b>05-06-1991</b>				
AICTE – ID:		1-3176908815				
<b>Education</b>		<ul style="list-style-type: none"> <li>B.Tech in Mechanical engineering from Bapatla engineering college in 2013</li> <li>M.Tech in Thermal engineering Specialization from SVNIT in 2016</li> </ul>				
<b>Experience</b>		Teaching: 7 Years	Industry: ____ Years	<b>Total: 7 Years</b>		
		Research: ____ Years	Others: ____ Years			
<b>Research Specialization</b>		<b>Thermal and composite materials</b>				
<b>Courses taught</b>		<ol style="list-style-type: none"> <li>1. Basic Thermodynamics</li> <li>2. Applied Thermodynamics</li> <li>3. Heat Transfer</li> <li>4. Fluid Mechanics and Hydraulic Machines</li> <li>5. Automobile engineering</li> <li>6. Refrigeration and air conditioning</li> <li>7. Heat power engineering -1</li> <li>8. Non Conventional Energy Resources</li> <li>9. Pumps and Prime Movers</li> <li>10. Elements of Mechanical Engineering</li> <li>11. Electrical Technology and Mechanical Technology</li> <li>12. Industrial Management and Entrepreneurship Development</li> </ol>				
<b>Research contributions</b>						
<b>International/national peer reviewed journals</b>						
<b>S. No.</b>	<b>Title of paper</b>	<b>Journal</b>	<b>Year</b>	<b>Volume</b>	<b>pages</b>	<b>Indexing SCI/WoS/ SCOPUS,</b>

						Google scholar)
1	Role of heat treatment on machining characteristics and surface roughness of AZ91 Mg alloy	Materials Today: Proceedings	2022	50	2488-2492	SCOPUS
2	"Groove pressing of CP-Ti: effect of process orientation on microstructure, microhardness and corrosion behavior"	Advanced Materials Processing and Technologies	2023			SCOPUS
3	Optimization of Laser Beam Machining Process Parameters of HSLA Steel Using MOORA	Advanced materials research	2023	1178	23-31	Google scholar

**Books published**

S. No.	Title of the book	Publisher	year
1			

**Book chapters Published**

S.No.	Title of the Chapter	Book title	Publisher	year
1				

**Details of Patents (Filed & Granted)**

S. No.	Applications number	Title of the patent	Date of filing/publishing	Published/granted
1				

**Details of Conferences/FDPs/STTPs/webinars/Workshops Organized**

S.No.	Name of the event	Role	Dates
1			

**Details of Conferences/FDPs/STTPs/webinars/Workshops Participated**

S.No.	Name of the event	Organized by	Dates
1			

**Awards/recognitions/achievements**

S.No.	Name of the Award	Awarding body/Society/Organization	Year
1			

**Details of project proposals submitted/sanctioned/completed**

S.No.	Title of the Project	Funding body	Submitted/ Sanctioned/ Completed	Amount	Year/ duration

**Consultancy contribution**

S.No.	Year	Amount	Details
1			

**Student Project/research guidance**

S.No	Level	Total number	
1	UG	Completed: 7	Ongoing:1
2	PG	Completed:	Ongoing:
3	PhD	Completed:	Ongoing:

**Administrative experience**

S.No.	Role	Duration (From – to)
1	Examination officer	From 15-06-2020 to 10-5-2024
2	Internal examination verification	From 20-06-2017 to 15-05-2024
3	Fuels and oils lab incharge	From 10-06-2019 to 05-05-2024

**Research credentials**

Index/database	ID/Link
Google Scholar	<a href="https://scholar.google.com/citations?hl=en&amp;authuser=1&amp;user=PQWWAW8AAAAJ">https://scholar.google.com/citations?hl=en&amp;authuser=1&amp;user=PQWWAW8AAAAJ</a>
SCOPUS	
Web of Science	O-8170-2015
Vidwan ID	<b>324517</b>

(A.Suresh)