

## BIO--DATA

DEPARTMENT OF MECHANICAL ENGINEERING



1. Name : **HEMA TAMMI RAJU GOTTUMUKKALA**

2. Date of Birth, Age and Place of Birth: : 28-07-1990, 32 & Mogallu

Address for Communication : D.No : 3-100, Pallacodu Street,  
Mogallu Village Pin Code -534209  
West Godavari District, A.P

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1. Permanent Address : Same  
2. Mobile No : 8499093332  
3. Email-ID : tammiraju.999@gmail.com  
4. Educational Qualifications : M.E.(CAD/CAM)

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/Class	% of Marks
X Class	Board of Secondary Education	ZP High School		2005	First Class	87.33
Intermediate	Board of Intermediate	Aditya Junior College	M.P.C	2007	First Class	92.5
UG	Andhra University	S.R.K.R.E.C	Mechanical Engineering	2011	First Class	7.39 CGPA
PG	Andhra University	S.R.K.R.E.C	CAD/CAM	2013	First Class with Distinction	8.15 CGPA
Ph.D	Annamalai University	Annamalai University	Manufacturing	2019 (persuing)	--	--

5. Project/Thesis:

UG ASSEMBLY MODELING AND SEQUENCING OF OPTICAL MICROSCOPE HEAD

PG PREDICTION OF SURFACE ROUGHNESS AND CUTTING FOCES IN TURNING OF  
STAINLESS STEEL BY USING ANFIS

6. Teaching /Industry Experience:

S No	Designation	Organization	Period		Total Exp. Years and Months	Nature of Employment	Type of service Govt. Aided/ Un Aided/ Private/ recognized
			From	To			
1.	ASSISTANT PROFESSOR	Vishnu Institute of Technology	24-01-2014	21-10-2014	9 MONTHS	FULL TIME	PRIVATE
2.	ASSISTANT PROFESSOR	S.R.K.R.E.C	21-10-2014	TILL DATE	7 YEARS 5Months	FULL TIME	PRIVATE

Total Experience: Teaching \_8 Years

7. Research Experience:

(a) Research Papers Published in Journals

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Vol.	Issue. No	Pages (PP)
1.	M S S Kiran Varma, Rama Bhadri Raju Chekuri, Tarun Kumar Kotteda, G. Hema T. Raju, B Durga Prasad	Machining Parameter Optimization for Face Milling Operating in A Vertical CNC Milling Machine using Taguchi Design Approach	International (Scopus)	Accepted	Materials Today Proceedings (Elsevier Publications)	N/A	N/A	N/A
2.	K.Lakshmi Prasad, G.H.Tammi Raju M N V S A Siva Ram kotha N HarshaTarun Kumar kotteda	The Development of Characterization of Silicon Carbide Reinforced Aluminium Alloy Lm 12 Metal Matrix Composite	International	2021	IJREAM	6	11	203-207
3.	Danamu Sri Surya, N Harsha, M N V S A SIVARAM KOTHA, G H Tammi Raju	Experimental Investigation on Machinability Parameters Alluminium AL6061+AL203 using Single Point Cutter	International	2021	IJREAM	6	11	213-222
4.	SK Akbar Saleem, K.M.N.V.S.A Siva Ram, G H Tammi Raju, N HARSHA, CH N V S SWAMY	Optimization and Grey Relational Analysis of En 19 A Steel And Aluminium Using Parameters of	International	2021	IJREAM	6	11	208-212

		Wirecutelectric Discharge Machine						
5	M N V S A Sivaram Kotha , N V S Swamy Chinamilli , Hema T Raju Gottumukkala , K Sunil Kumar	Modeling and optimization of the cost controlling parameters of wire electrical discharge machining process	International (Scopus)	2021	Design Engineering	-	9	10446-10462
6	S. Madhava Rao Ravi Varma p Ch. R.B.Raju Hema T Raju G	Optimization of process variables in Abrasive water Jet Machining of Nimonic C-263 Super Alloy Using Taguchi Method	International Conference Material Science Applications	2021	Springer	ISSN 2662-6837	--	167-177
7	G H TAMMIRAJU, K V S RAJU, N HARSHA	Modeling and structural stress analysis of thrust bearing	International	2019	ELSEVIER, Materials today: proceedings			
8	G H TAMMIRAJU, M RANGANAİK	Analysis of sound propogation through different materials by using ultrasonic testing	International	2018	IJIEMR	7	7	
9	CH. BHANU PRAKASH, M N V S A SIVARAM KOTHA, G H TAMMIRAJU. CH N V S SWAMY	Comparative experimental study on photovoltaic panel with low cost performance improvement techniques	International	2016	IJEAT	5	6	114-117
10	A.V.Ramana Rao CH.Bhanu Prakash G.H.Tammi Raju	Selection of vibratory motors for Vibrating Feeder by Analytical Approach for Material Handling Plants	International	2014	IJETT	10	6	652-657

(b) Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	Online FDP on "STRATEGIC METHODS AND TOOLS FOR PRODUCT DEVELOPMENT" (Phase-I)	SRKREC	22-02-2021	26-02-2021
2.	Online FDP on "STRATEGIC METHODS AND TOOLS FOR PRODUCT DEVELOPMENT" (Phase-II)	SRKREC	22-03-2021	26-03-2021

3.	One week FDP on RESEARCH METHODOLOGY	<b>S.R.K.R.E.C</b>	08-07-2019	12-07-2019
4	One Week QIP short Term course on Analysis of Sheet Metal Forming Processes	IIT, Bombay	07-05-2018	11-05-2018
5.	One day workshop on Innovations in Materials and Manufacturing	<b>S.R.K.R.E.C</b>	01-03-2019	
6.	Two day workshop on Additive Manufacturing	<b>S.R.K.R.E.C</b>	13-07-2018	14-07-2018
7.	Research Methodology & Best Practices in Academic Research	<b>S.R.K.R.E.C</b>	16-06-2017	
8.	Geospatial Technologies	<b>S.R.K.R.E.C</b>	27-10-2016	28-10-2016
9.	Three day workshop on IOT & smart devise sensing using Raspberry Pi	<b>S.R.K.R.E.C</b>	07-07-2016	09-07-2016
10.	One day workshop on Advances in Materials & Manufacturing	<b>S.R.K.R.E.C</b>	23-04-2016	
11.	One day workshop on outcome based education & accreditation	<b>S.R.K.R.E.C</b>	26-02-2016	
12.	One day workshop on Recent trends in Mechanical Engineering	<b>S.R.K.R.E.C</b>	31-08-2015	
13.	FDP on FEA	<b>BVRIT, Hyderabad</b>	03-06-2013	08-06-2013

8. Achievements:

- i) Got first in academic awards for the year 2012-13 in M.E.
- ii) Got first in academic awards for the year 2013-14 in M.E.
- iii) Stood first in 10<sup>th</sup> class in the year 2005.

9. Personal Details:

- (a) Name of the Father : Ramabhadra Raju
- (b) Name of the Mother : Durga
- (c) Gender : Male
- (d) Marital Status : Single
- (e) Nationality : Indian

Date: 13/11/2019

Place: Bhimavaram.

Signature of the Candidate