

## BIO--DATA

FOR THE POST OF : ASSISTANT PROFESSOR

IN THE DEPARTMENT OF : MECHANICAL ENGINEERING



1. Name : N HARSHA
2. Date of Birth, Age and Place of Birth : 05-10-1987, 32, Bhimavaram.
3. Address for Communication : Door No 27-10-1  
Sreerampuram, Bhimavaram-534202.
4. Permanent Address : Door No 27-10-1  
Sreerampuram, Bhimavaram-534202.
5. Mobile No : 9959774779
6. Email-ID : [namburi.harsha1987@gmail.com](mailto:namburi.harsha1987@gmail.com)
7. 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(AP)	D.N.R.English Medium High School	---	2003	FIRST	82.5
Intermediate	Board of Intermediate Education(AP)	Aditya Jr College Bhimavaram	MPC	2005	FIRST	91.7
UG	ANDHRA UNIVERSITY	SRKR ENGG COLLEGE Bhimavaram	Mechanical	2009	FIRST with DISTINCTION	79.78
PG	ANDHRA UNIVERSITY	SRKR ENGG COLLEGE Bhimavaram	CAD/CAM	2013	FIRST with DISTINCTION	8.00 (CGPA)
Ph. D	GITAM (DEEMED TO BE UNIVERSITY)	Perusing				
Others	----	----	----	----	----	----

8. Project/Thesis: UG: “ Modeling and Mould flow Analysis of a Air cooler water tank”

PG: “Prediction of Tensile Strength of Friction Stir welded Joints by using Artificial Neural Networks”

9. 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	Systems Engineer Trainee	INFOSYS	26-10-2009	04-01-2010	Seven Months	Regular	Private
2.	Assistant Professor	SRKR Engineering College	1-05-2013	Till Date	8 Years, 11 Months	Adhoc	Private

10. Total Experience: 8 Years, 11Months

Industry –Nil-

Research –Nil-

11. Any other Distinctions/Achievements: -----

12. 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.	<b>N Harsha,</b> K. Brahma Raju, V. K.V. Raju	Prediction Of Tensile Strength Of Friction Stir Welded Joints Using Artificial Neural Networks	International	2012	International Journal of Engineering Research & Technology	Vol-1	Issue 9	1-6;
2.	G Ramanjaneya Yadav <b>N Harsha</b> V Durga Prasada Rao S Rajesh	Effect of Cryogenic treatment on Compression Strength of Al-Cu alloys	International	2017	SSRG International Journal of Mechanical Engineering	ISSN: 2348 - 8360	May Sp. Issue	341-347
3.	<b>N HARSHA</b> I AJIT KUMAR K SITARAMA RAJU S RAJESH	Prediction of Machinability characteristics of Ti6Al4V alloy using Neural Networks and Neuro-Fuzzy techniques	International	2018	Materials Today: Proceedings		5	8454-8463

4.	P.V Kumar Raju Ch.Suseela Devi M Indra Reddy N.R.M.R Bhargava <b>N HARSHA</b>	Mechanical deformation behavior of aged Al-Cu alloys and innovative Al-Cu metal matrix composite fabricated using stir-casting technique	International	2018	Materials Today: Proceedings	No	5	5845-5856
5.	V.Durga Prasada Rao <b>N .Harsha</b> N.S.Raghu Ram V.Navya Geethika	Optimization of cutting parameters in CNC turning of stainless steel 304 with TiAlN nano coated carbide cutting tool	International	2018	IOP Conference Series: Materials Science and Engineering	310	-	1-12
6.	T Chaitanya <b>N Harsha</b> V S N Venkata Ramana	Effect of Nano Vegetable Cutting Fluids on Surface roughness and Material removal rate in Turning of AISI 1040 steel	International	2018	International Journal of Scientific Development and Research	3	8	30-36
7.	<b>N.Harsha</b> K.Sita Rama Raju V.S.N.Venkata Ramana Venu Reddy	Fabrication and prediction of tensile strength of Al-Al <sub>2</sub> O <sub>3</sub> nano composites	International	2019	Materials Today: Proceedings	18	6	2197-2200
8.	K. Venkata Saikiran Raju, G. Thammi Raju, <b>N. Harsha</b>	Modeling and structural stress analysis of thrust bearings	International	2019	Materials Today: Proceedings	18	6	2163-2171

(b) Research Papers Published in Conferences

S No	Author (s) Name	Title of the Research Paper	National/ International	Year of Publication	Name of the Conference	Pages (PP)
1.	V Durga Prasad <b>N Harsha.</b>	Multi - Objective Optimization of Surface Grinding Parameters using A Real Coded Genetic Algorithm	National	2011	NCRAME-2011 (R.V.R. & J.C.COLLEGE OF ENGINEERING)	MI-107
2.	<b>N Harsha,</b> K S Rama Raju, S Rajesh, P R M RAJU	"Mathematical Modeling of Tensile Strength of Friction Stir Welded Joints using Artificial Neural Networks and Regression Analysis"	National	2014	New Frontiers in Mechanical Engineering -2014 (JNTUK)	178-184
3.	M. Indra Reddy, V. Srinivas Reddy, <b>N Harsha</b>	"Dynamic Mechanical Analysis of Hemp Fiber Reinforced Polymer Matrix Composites"	National	2014	New Frontiers in Mechanical Engineering -2014 (JNTUK)	178-184

4.	<b>N HARSHA</b> I AJIT KUMAR K SITARAMA RAJU S RAJESH	“Prediction of Machinability characteristics of Ti6Al4V alloy using Neural networks and Neuro-Fuzzy techniques”	International	2016	International Conference on Emerging Trends in Materials and Manufacturing Engineering (IMME17) NIT-Trichy	Id:408
5.	P.V Kumar Raju Ch.Suseela Devi M Indra Reddy N.R.M.R Bhargava <b>N HARSHA</b>	" Mechanical deformation behavior of aged Al-Cu alloys and innovative Al-Cu metal matrix composite fabricated using stir-casting technique”	International	2017	International Conference on Materials Processing and Characterization (ICMPC-17) GRIET-HYDERABAD	Id: 1389
6.	G Ramanjaneya Yadav <b>N Harsha</b> V Durga Prasada Rao S Rajesh	"Effect of cryogenic treatment on compression strength of Al-Cu alloys "	National	2017	Recent Advances in Mechanical Engineering (RAME-17) AU-Visakhapatnam	ISSN: 2348 – 8360
7.	V.Durga Prasada Rao <b>N .Harsha</b> N.S.Raghu Ram V.Navya Geethika	“Optimization of cutting parameters in CNC turning of Stainless Steel 304 with TiAlN Nano coated Carbide cutting tool”	International	2017	International Conference on Advances in Materials and Manufacturing Applications (IconAAMMA-2017) Amrita Vishwa Vidyapeetham	id:477

(c) Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1.	“Strategies for Conservation, Restoration & Strategic Management plans for wetland Ecosystem”	SRKREC	12-MAR-2010	
2.	“Autodesk Inventor and Fusion 360”	SVEC	09-DEC-2015	13-DEC-2015
3.	“Ansys Work Bench”	SVEC	14-DEC-2015	18-DEC-2015
4.	“Advances in Materials & Manufacturing Technologies”	SRKREC	23-APR-2016	
5.	“Nastran In Autodesk”	MITS	28-NOV-2016	03-DEC-2016
6.	“Statistical Analysis with R”	SRKREC	11-FEB-2017	16-FEB-2017
7.	“ Research Methodologies & Best Practices in Academic Research”	SRKREC	16-JUNE-2017	

8	"Digital Driven Design & Manufacturing on 3dx Platform"	LBRCE	2-JUL-2018	6-JUL-2018
9.	"Additive Manufacturing"	SRKREC	13-JUL-2018	14-JUL-2018
10.	"Intellectual Property Intelligence & Patent Drafting"	NNRG	17-DEC-2018	22- DEC -2018
11.	"Advances in CFD Simulation of Thermal Systems"	GVPEC	28-Oct-2019	8-Nov-2019
12	"Robotic Process Automation"	SRKREC	23-Nov-2019	24-Nov-2019
13	"Inculcating Human Values in technical Education"	AICTE	28-Jun-2021	02-Jul-2021
14	"Strategic Methods And Tools For Product Development" (Phase- I)	SRKREC	22-Mar-2021	26-Mar-2021
15	"Strategic Methods And Tools For Product Development" (Phase- II)	SRKREC	22-Mar-2021	26-Mar-2021

(d) Workshops Conducted

S No	Name of the workshop/ STTP ***	Place **	Period	
			From	To
			**	**

(e) Details of Research Projects

S No	Title of the Project ***	Amount Sanctioned **	Issued Authority **	Status **	Year of Sanction ***
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13. Achievements:

- a) Secured Best paper of the session for Poster Presentation during IMME-17 at NIT-Tiruchirapalli.
- b) Participated in some of the personal skill development programmes.

14. Strengths:

- Ability to adapt to new situations
- Acquiring new skills and applying them
- Regularity, Hardworking , Positive thinking...etc.

15. Other Details if any:

B.E Projects Guided - 08

M.E Projects Guided- 04

16. Personal Details:

(a) Name of the Father : N M V K BAPUJI (Late)

(b) Name of the Mother : N JANAKI NIRMALA

(c) Gender : MALE

(d) Marital Status : MARRIED

(e) Nationality : INDIAN

Date: 12-11-2019

Place: BHIMAVARAM

Signature of the Candidate