

## BIO--DATA

1. **Name:** G.S.V SESHU KUMAR
2. **Date of Birth, Age and Place of Birth:** 23<sup>rd</sup> JUNE 1990,31 YEARS, & BHIMAVARAM
3. **Address for Communication:** D.NO 12-4-37(2), NB ROAD, GUNUPUDI, BHIMAVARAM-534201, WEST GODAVARI DISTRICT, AP
4. **Permanent Address :** D.NO 32-12-287, LIG-43, SHEELANAGAR, VISAKHAPATNAM-530012
5. **Mobile No** :9291441541
6. **Email-ID** : seshu354@gmail.com
7. **Educational Qualifications :**



Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/ Class	% of Marks
X Class	BOARD OF SECONDARY EDUCATION	SRI DATTATREYA PUBLIC SCHOOL		2005	FIRST CLASS	65.6
Intermediate	BOARD OF INTERMEDIATE EDUCATION	SRI GOWTHAMI JUNIOR COLLEGE	MPC	2007	FIRST CLASS	69.8
UG	JNT UNIVERSITY	AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY	MECHANICAL	2011	FIRST CLASS	60.07
PG	ANDHRA UNIVERSITY	S R K R ENGINEERING COLLEGE	CAD\CAM	2014	FIRST CLASS	75.5
PhD (Pursuing)	KL UNIVERSITY	KL UNIVERSITY	MECHANICAL			

### 8. **Project/Thesis:**

**UG:** ESTABLISHMENT OF WELDING PROCEDURES FOR WELDING OF LOW ALLOY STEELS OF NUCLEAR GRADE BY SMAW&SAW PROCESSES

**PG:** MODELING OF PROCESS PARAMETERS ON SURFACE ROUGHNESS IN MILLING OF ALUMINUM METAL MATRIX COMPOSITE

### 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	ASSISTANT PROFESSOR	S R K R ENGINEERING COLLEGE	1 <sup>ST</sup> OCTOBER 2012	31 <sup>ST</sup> APRIL 2013	7 MONTHS	REGULAR	PRIVATE
2	ASSISTANT PROFESSOR	S R K R ENGINEERING COLLEGE	7 <sup>TH</sup> JULY 2013	TILL DATE	8 YEARS AND SIX MONTHS	REGULAR	PRIVATE

10. **Total Experience:** Teaching -----9 YEARS AND 03 MONTH

Industry -----NIL

Research----- NIL

11. **Any other Distinctions/Achievements:** NIL

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	S. Madhava Rao, G. S. V. Seshu Kumar, Ch. Ramabhadri Raju, M. Anil Kumar	Investigation of Thermal Analysis of Composite Slabs	International	SEP 2016	International Journal of Current Research (IJCR)	Vol. 8	09	pp.38780-38784,
2	T. K Durga Bhavani, K Satyanarayana, G. S. V Seshu Kumar & I. Ajith Kumar	Optimization of Material Removal Rate and Surface Roughness in Turning of Aluminum, Copper and Gunmetal Materials using RSM	International	FEB-2017	International Journal of Engineering Research & Technology (IJERT)	Vol. 6	02	PP585-590
3	Gubbala Eswar, G S V Seshu Kumar	Fabrication and Testing of Aluminum Metal Matrix Composites Through Stir Casting Technique	International	JULY-2018	International Research Journal of Engineering and Technology	Vol.5	07	PP299-303

4	Chikkala Sumanth Kumar Nag,G.S.V. Seshu Kumar	Investigation of Mechanical Properties of Dissimilar Friction Stir Welded Joints of AA7075 and AA6061	International	OCT 2020	International Journal for Research in Engineering Application & Management (IJREAM)	Vol.6	07	PP 164-170
5	R Yesu Prasad, G.S.V. Seshu Kumar, M. Rajesh, Tarun Kumar kotteda	Joining Of Nylon-6 Plate by Friction Stir Welding Process Using Taper Threaded Pin Profile	International	OCT-2021	Journal of Engineering Sciences (JES)	Vol.12	08	PP 210-219
6	Gajula Sri Venkata Seshu Kumar, Anshuman Kumar, S Rajesh, Rama Bhadri Raju Chekuri and Venkatesa Prabhu Sundaramurthy	Experimental and thermal investigation with optimization on friction stir welding of nylon 6A using Taguchi and microstructural analysis	International	September 2021	Advances in Mechanical Engineering -Advanced Functional Composites – Processing and Characterization	Vol.13	10	PP 1–14
7	G. S. V. Seshu Kumar, Anshuman Kumar, S. Rajesh, Rama Bhadri Raju Chekuri, and Amsalu Gosu Adigo	Experimental Investigation and Optimization on Friction Stir Welding of Nylon 6A Using Taguchi and ANOVA with Microstructural Analysis	International	September 2021	Hindawi Advances in Materials Science and Engineering	VOL.2 021	Special Issue	PP 1-12
8	G. S. V. Seshu Kumara, Anshuman Kumara, S. Rajesh, Rama Bhadri Raju Chekuri, K. Ramakotaiah	Optimization of FSW process parameters for welding dissimilar 6061 and 7075 Al alloys using Taguchi design approach	International	2022	International Journal of Nonlinear Analysis and Applications	1		PP 1011-1022

**(b) Research Papers Published in Conferences**

S No	Author (s) Name	Title of the Research Paper	National/International	Year of Publication	Name of the Journal	Pages (PP)
1	G.S.V Seshu Kumar & K. Satyanarayana	Modeling of Process Parameters on Surface Roughness in Milling of Aluminium MMC's	International	2014	ICARMMIEM-2014	233-237
2	S. Madhava Rao, G S V Seshu Kumar ,Ch. Ramabhadriraju	Investigation of Friction Stir Welding of Metal Matrix Composites Using A Coated Tool	International	March2017	IMME17- NIT TIRUCHY	63
3	P. Ravi Varma, S. Madhava Rao, Ch. Ramabhadri Raju, G S V Seshu Kumar	A Study of Tribological Behavior Of 2014,2024,7075 Alloys	International	August 2019	ICLIET-19 LENDI	123-137
4	S. Madhavarao, Ravi Varma Penmetsa, G S V Seshu Kumar, Ch Rama bhadri Raju, K. Tarun Kumar	Investigation On Mechanical Properties of Friction Stir Welded Aa7075 & Aa6061 Joints	International	November 2019	ICMPC-2019	2288-2297

**(c) Workshops/STTP Attended**

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	Recent trends in Mechanical Engineering	SRKREC, Bhimavaram	31 <sup>st</sup> AUG 2015	31 <sup>st</sup> AUG 2015
2	Advance in Materials and Manufacturing Technologies	SRKREC, Bhimavaram	23 <sup>rd</sup> APRIL 2016	23 <sup>rd</sup> APRIL 2016
3	Recent trends in Thermal Engineering	SVECW, Bhimavaram	28 <sup>TH</sup> JULY 2016	30 <sup>TH</sup> JULY 2016
4	MTAB	MTAB Technology Centre	06 <sup>TH</sup> SEPT 2016	09 <sup>TH</sup> SEPT 2016
5	Research methodology& best practices in academic research	SRKREC, Bhimavaram	16 <sup>th</sup> JUNE2017	16 <sup>th</sup> JUNE2017
6	MOOCS, OPEN Education & Open Educational Resources	SRKREC, Bhimavaram	9 <sup>th</sup> -11 <sup>th</sup> NOV 2017 (PART-I)	26 <sup>th</sup> -28 <sup>th</sup> MARCH 2018 (PART-II)
7	Additive Manufacturing	SRKREC, Bhimavaram	13 <sup>th</sup> JULY2018	14 <sup>th</sup> JULY2018
8	Innovations in Materials and Manufacturing	SRKREC, Bhimavaram	1 <sup>st</sup> MARCH 2019	1 <sup>st</sup> MARCH 2019
9	Intrapersonal and Interpersonal Skills for Effective Classroom Communication and Documentation	SRKREC, Bhimavaram	23 <sup>rd</sup> APRIL2019	23 <sup>rd</sup> APRIL2019
10	Research Methodology	SRKREC, Bhimavaram	8 <sup>th</sup> JULY 2019	12 <sup>TH</sup> JULY 2019
11	Recent Advances in Composite Materials and Analysis Of Composite Structures	JNTUK Kakinada	29 <sup>th</sup> JULY 2019	3 <sup>rd</sup> AUGUST 2019

12	Product Re-Engineering	GVP, Vizag.	15 <sup>th</sup> OCTOBER 2019	19 <sup>th</sup> OCTOBER 2019
13	Research Methodology	Rajgad Dnyanpeeth's Shri Chatrapati Shivajiraje College of Engineering	20 <sup>th</sup> MAY 2020	25 <sup>th</sup> MAY 2020
14	SCILAB-An Open-Source Substitute for MATLAB	JNTUH College of Engineering, Sulthanpur, Sangareddy (Dt)	25 <sup>th</sup> MAY 2020	30 <sup>th</sup> MAY 2020
15	Advanced Research Challenges in Material Science	Sri Vasavi Engineering College	1 <sup>st</sup> JUNE 2020	6 <sup>th</sup> JUNE 2020
16	Moodle Learning Management Systems	JNTUH College of Engineering, Sulthanpur, Sangareddy (Dt)	10 <sup>th</sup> JUNE 2020	15 <sup>th</sup> JUNE 2020
17	Internet of Things	APSSDC, Dassault System	15 <sup>th</sup> JUNE 2020	27 <sup>th</sup> JUNE 2020
18	Automotive Interior Design	APSSDC, Dassault System	8 <sup>th</sup> JUNE 2020	12 <sup>th</sup> JUNE 2020
19	Fundamentals of MATLAB and Programming	Kakatiya Institute of Technology And Science	6 <sup>th</sup> JULY 2020	11 <sup>th</sup> JULY 2020
20	Product design and drafting by Catia	APSSDC, Dassault System	13 <sup>th</sup> JULY 2020	25 <sup>th</sup> JULY 2020
21	Catia v5 Chasis Design	APSSDC, Dassault System	20 <sup>th</sup> JULY 2020	24 <sup>th</sup> JULY 2020
22	Advanced Composite Materials	R. R. Institute of Technology,Raja Reddy Layout, Chikkabanavara, Bengaluru	23 <sup>rd</sup> JULY 2020	29 <sup>th</sup> JULY 2020
23	Modeling and Analysis using MATLAB and Python for Mechanical Engineering Applications	Vnr Vignana Jyothi Institute of Engineering and Technology,Vignana Jyothi Nagar,Pragathi Nagar, Nizampet S.O, Hyderabad, Telangana, India	3 <sup>rd</sup> AUG 2020	8 <sup>th</sup> AUG 2020
24	ADVANCED WELDING TECHNOLOGIES	Faculty of Engineering & Technology, JAIN (Deemed-to- be University), Bengaluru	4 <sup>th</sup> AUG 2020	8 <sup>th</sup> AUG 2020
25	Advances in Additive Manufacturing	Siemens Centre of Excellence for Digital Manufacturing and Robotics under NAFETIC at Yeshwantrao Chavan, College of Engineering, Nagpur	24 <sup>th</sup> AUG 2020	29 <sup>th</sup> AUG 2020
26	Frontier of 3D Printing Technology and Its Industrial Applications (Phase-II)	LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING, L.B.Reddy Nagar, Mylavaram, Andhra Pradesh 521230	25 <sup>th</sup> JAN 2020	6 <sup>th</sup> FEB 2021
27	Outcome based education and NBA Accreditation for Tier-II colleges	SRKR ENGINEERING COLLEGE, BVRM	29 <sup>th</sup> MAR 2021	3 <sup>rd</sup> APRIL 2021
28	STRATEGIC METHODS AND TOOLS FOR PRODUCT DEVELOPMENT	SRKR ENGINEERING COLLEGE, BVRM	22 <sup>nd</sup> FEB 2021	26 <sup>th</sup> FEB 2021
29	Inculcating Universal Human	ALL INDIA COUNCIL FOR	28 <sup>th</sup> JUNE	2 <sup>nd</sup> JULY

	Values in Technical Education	TECHNICAL EDUCATION NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI	2021	2021
30	Modern industrial Technology in Mechanical Engineering	ADITYA ENGINEERING COLLEGE, Aditya Nagar, ADB Road, Surampalem , East-Godavari District, Andhra Pradesh, INDIA.	2 <sup>ND</sup> JULY 2021	8 <sup>TH</sup> JULY 2021
31	Mechanical Components Drafting by AutoCAD	APSSDC, Dassault System	16 <sup>th</sup> AUG 2021	1 <sup>st</sup> SEPT 2021
32	Python Programming	APSSDC, Dassault System	16 <sup>th</sup> AUG 2021	4 <sup>TH</sup> SEPT 2021
33	Sustainable Product Design and Manufacturing	(FDC) -SMVDU under Pandit Madan Mohan Malaviya National Mission Teachers and Teaching of MOE, GOI, Shri Mata Vaishno Devi University, University, Katra Jammu in Collaboration with School of Mechanical Engineering	10 <sup>th</sup> JAN 2022	14 <sup>th</sup> JAN 2022
34	Recent Advances in Materials and Challenges in Manufacturing Techniques	Department of Mechanical Engineering, University College of Engineering Kakinada (A), JNTUK, Kakinada	7 <sup>th</sup> FEB 2022	19 <sup>th</sup> FEB 2022

13. **Achievements:** NIL

14. **Strengths:** Hard Work, Sincerity, Honesty, positive thinking

15. **Other Details if any:**

ASSOCIATE MEMBER in the Institution of Engineers (India)

Life member In International Association of Engineers

16. **Personal Details:**

(a) Name of the Father : G.S. VENKATESWARLU

(b) Name of the Mother : G. RAMA RATNAM

(c) Gender : MALE

(d) Marital Status : MARRIED

(e) Nationality : INDIAN

**Date:** 19-03-2022

**Place:** BHIMAVARAM

Signature of the Candidate

(G.S.V.SESHU KUMAR)