

BIO--DATA

FOR THE POST OF ASSISTANT PROFESSOR

IN THE DEPARTMENT OF MECHANICAL



1. Name : PRAVEEN VUNDRAJAVARAPU
2. Date of Birth, Age and Place of Birth: : 19-07-1988, 31 YEARS, SARIPALLE
3. Address for Communication : ASSISTANT PROFESSOR
DEPT. OF MECHANICAL
SRKR ENGINEERING COLLEGE, BHIMAVARAM
4. Permanent Address : D.NO 27-17-13, FLAT NO 202, II FLOOR,
SRILATHA APARTMENT, ASR NAGAR,
BHIMAVARAM-534202
5. Mobile No : 9885602650
6. Email-ID : vpraveen@srkrec.ac.in
7. Educational Qualifications :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/Class	% of Marks
X Class	BOARD OF SECONDARY EDUCATION	SARIPALLE PUBLIC SCHOOL		2003	FIRST	70.66
Intermediate	BOARD OF INTERMEDIATE	ADITYA JUNIOR COLLEGE	MPC	2005	SECOND	59.80
UG	ANDHRA UNIVERSITY	SRKR ENGINEERING COLLEGE	MECHANICAL	2009	FIRST	61.29
PG	OSMANIA UNIVERSITY	VASAVI COLLEGE OF ENGINEERING	ADVANCED DESIGN & MANUFACTURING	2011	FIRST	69.33
Ph. D (Persuing)	ANDHRA UNIVERSITY	ANDHRA UNIVERSITY	MECHANICAL			

8. Project/Thesis:

UG: "SYNCHRONIZATION OF CAR HEAD LIGHTS WITH STEERING".

PG: "NON-DOMINATE SORTING GENETIC ALGORITHM (N.S.G.A) BASED ALGORITHM FOR DESIGN OPTIMIZATION OF MECHANICAL AND COMPOSITE STRUCTURES"

(Ph.D): ADDITIVE MANUFACTURING

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	SMIST, Rajahmundry	OCT 2011	AUG 2012	11 Months	Teaching	Private
2	Production Engineer	Nagasai Industries	SEP 2012	JUN 2016	3 Years 10 Months	Production Engineer	Private
3	Assistant Professor	SRKR Engineering College	JULY 2016	TILL DATE	5 Years 6 Months	Teaching	Private

10. Total Experience: Teaching : 6 YEARS 5 MONTHS

Industry : 3 YEARS 10 MONTHS

11. Any other Distinctions/Achievements:

Bronze medal winner in All India Student Design Competition-2009, National Design & Research Forum (NDRF) established by the Institution of Engineers, Bangalore for bachelor's project

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	V.PRAVEEN	Design and Fabrication of Multi-Purpose Indexing Device	International	2017	IJARMET	2	1	368-378
2	V.PRAVEEN	A Review on Aluminium Based Metal Matrix Composites by Friction Stir Processing	International	2017	IJLEMR	2	7	01-08
3	V.PRAVEEN	Optimization of Process Parameters for Milling Operation using Taguchi Method	International	2017	IJETT	48	1	01-06
4	V.PRAVEEN	Design Optimization Of Laminated Composite Cylindrical Skirt For Weight Minimizing By Using Non-Dominated Sorting Genetic Algorithm	International	2018	IICESR	5	4	2393-8374

5	V.PRAVEEN	A Multi Objective Design Optimization Technique for Weight and Cost Minimization of Hybrid Laminated Composite Structure by Modified Non-Dominated Sorting Genetic Algorithm	International	2018	Elsevier:Materials Today: Proceedings	Proceedings 5		25798-25806
6	V.PRAVEEN	Experimental Investigation of Cutting Parameters in CNC Machining for Surface Roughness, Temperature and MRR for Ti Alloys	International	2019	Elsevier:Materials Today: Proceedings	18	Part 6	2191-2196

(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	V.PRAVEEN	Design Optimization of Laminated Composite Cylindrical Skirt For Weight Minimizing By Using Non-Dominated Sorting Genetic Algorithm	National Conference	2018	IICESR	2393-8374

(c) Workshops/STTP Attended

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	Recent Trends in Mechanical Engineering	SRKREC, BHIMAVARAM		
2	Advanced Techniques in Microstructural Characterization	IIT ROORKEE	29-05-2017	02-06-2017
3	3D Printing Technology in Engineering Education	NIT WARANGAL	05-06-2017	10-06-2017
4	Research Methodology & Best Practices in Academic Research	SRKREC, BHIMAVARAM	16-06-2017	16-06-2017
5	Innovative Methods for Teaching Mechanical Engineering	NIT WARANGAL	22-04-2018	26-04-2018
6	Additive Manufacturing	SRKREC, BHIMAVARAM	13-07-2018	14-07-2018
7	Innovations in Materials and Manufacturing	SRKREC, BHIMAVARAM	01-03-2019	01-03-2019
8	Inspection & Quality Control in Manufacturing	NPTEL Certification (IITM)	FEB 2019	MARCH 2019
9	Product Re-Engineering	APSSDC (GVPCE, VSKP)	15-10-2019	19-10-2019
10	Engineering Metrology	NPTEL Certification (IITK)	Jul 2019	Oct 2019

11	Advanced Manufacturing Enterprise in Digital Era	Aditya Institute of Technology & Management, Tekkali	01-06-2020	05-06-2020
12	Automotive Interior Design	APSSDC	08-06-2020	12-06-2020
13	Recent Developments In Mechanical Engineering	KITS, Warangal	07-07-2020	11-07-2020
14	Teaching and learning of Additive Manufacturing Technology: Emphasis on Metal 3D Printing	NIT WARANGAL	13-07-2020	18-07-2020
15	Role Of Materials And Processing In Additive Manufacturing: 3D Printing to Industry	GLA University, Mathura	19-07-2020	24-07-2020
16	3D printing merges with Nanomaterials in Medical Applications	Guru Nanak Institute of Technology, Hyderabad	03-08-2020	08-08-2020
17	Outcome Based Education - A Continuous Quality Improvement of the Program	SRKREC, BHIMAVARAM	17-08-2020	21-08-2020
18	Strategic Methods and Tools For Product Development (Phase-I)	SRKREC, BHIMAVARAM	22-02-2021	26-02-2021
19	Strategic Methods and Tools For Product Development (Phase-II)	SRKREC, BHIMAVARAM	22-03-2021	26-03-2021
20	Metallurgical Aspects In Additive Manufacturing	NIT Andhra Pradesh	29-03-2021	03-04-2021
21	Outcome Based Education and NBA Accreditation for Tier-II colleges	SRKREC, BHIMAVARAM	19-04-2021	23-04-2021
22	International Webinar on Friction Stir Welding - FSW 2021	Southern Institute for Materials & Manufacturing Academic Services (SIMMAS)	24-04-2021	24-04-2021
23	Inculcating Universal Human Values in Technical Education	All India Council for Technical Education(AICTE)	28-06-2021	02-07-2021
24	3D Printing: Ideas to Real Products	GVP College for Degree and PG Courses (A)	21-12-2021	21-12-2021

(d) Workshops Conducted

S No	Name of the workshop/ STTP	Place	Period	
			From	To
1	Additive Manufacturing	SRKREC, BHIMAVARAM	13-07-2018	14-07-2018

(e) Details of Research Projects

S No	Title of the Project	Amount Sanctioned	Issued Authority	Status	Year of Sanction

13. Achievements:

14. Strengths:

Hard work & Optimistic.

Enthusiastic in study of mechanisms and applying the concepts in practical.

Interest to learn new technology concepts.

Reading technical books

15. AICTE Unique ID: 1-3162921077

16. Personal Details:

(a) Name of the Father : V J SUBHAKAR RAO

(b) Name of the Mother : V RAJAKUMARI

(c) Gender : Male

(d) Marital Status : MARRIED

(e) Nationality : INDIAN

Date:

Praveen Vundrajavarapu

Place: BHIMAVARAM

Signature of the Candidate