B I O--D A T A

ASSISTANT PROFESSOR

DEPARTMENT OF **MECHANICAL ENGINEERING**

1. Name : **MANIKANTH VATALA**
2. Date of Birth, Age and Place of Birth :**02-05-1989, 29 Years and Mogaltur**
3. Address for Communication : **Assistant Professor,**
   Department of Mechanical Engineering,
   SRKR Engineering College, Bhimavaram-534204

4. Permanent Address :**24-58, Mogaltur,**
   Mogaltur (MD & Post), west Godavari (Dt),
   Andhra Pradesh-534281

5. Mobile No :**+91 8499966624**
6. Email-ID :**manikanth144@gmail.com**
7. Educational Qualifications :

Qualification	University/Board	Name of the College	Specialization	Year of Passing	Division/ Class	% of Marks
PG	JNTUK	Mallareddy college of engineering	Thermal engineering	2015	1st CLASS with DESTINCTION	78.6
UG	Andhra University	S R K R Engg. College	Mechanical Engineering	2012	1st CLASS	7.06 (CGPA)
Intermediate	INTERMEDIATE	Pragathi college	MPC	2006	1st CLASS	69.3
SSC	SSC	Prathibha public school	-	2004	1st CLASS	68.1

8. Project/Thesis:
   UG: **SOLAR POWERED STIRLLING ENGINE**

   PG: **FINITE ELEMENT ANALYSIS TO DETERMINE HEAT TRANSFER FROM A FLAT PLATE WITH DIFFERENTPLATE EDGE CONDITIONS FOR NATURAL CONVECTION**

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	20-07-20115	Till Date	4Years 4 months	Regular	Private

10. Total Experience: Teaching :**4 Years& 4 months**

Industry :**NIL**

Research :**NIL**

11. Any other Distinctions/Achievements: NCC "B" 7(A) Naval unit, Ranveer Division

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.Manikanth, G.Moses Dayan, R.Naresh Kumar Goud	AN EXPERIMENTAL STUDY OF B- TYPE STIRLING ENGINE USING SOLAR RADIATION	National	2018	INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR)	5	4	2393-8374
2	M. Indra Reddy, P. Jaya Prakash, P. Vijay Kumar Raju,**VManikanth** S. Rajesh	Mechanical properties of short and randomly oriented BorassusFlabellifer (Asian Palmyra) Sprouts fiber reinforced epoxy composites	International	2017 (Accepted)	International Journal of Advanced Materials Manufacturing & Characterization	-	-	-
3	M. Indra Reddy, Ch. Srinivas, M. Anil Kumar, **V. Manikanth**,	The Effect of Copper and Aluminium Foil on Mechanical	International	2016	International Journal of Advanced Materials	6	2	1-5

		Properties of Natural Fiber Reinforced Plastics			Manufacturing & Characterizatio n			
4	**Manikanth V**, C. Shashikanth, L. Omkar Goud	Finite Element Analysis to Determine Heat Transfer from A Flat Plate with Different Plate Edge Conditions for Natural Convection	international	2015	International journal of scientific engineering and technology research	4	29	5703-5708
5	L. Omkar Goud, **Manikanth V,** A. Ashok	Thermal and CFD Analysis of Fin Tube Evaporator with Different Configurations, Materials and Fluids	International	2015	International journal of scientific engineering and technology research	4	29	5709-5714

(b) Research Papers Published in Conferences

S No	Author (s) Name	Title of the Research Paper	National/Inte rnational	Year of Publication	Name of the Journal	Pages (PP)
1	V.Manikanth, G.Moses Dayan, R.Naresh Kumar Goud	AN EXPERIMENTAL STUDY OF B- TYPE STIRLING ENGINE USING SOLAR RADIATION	National	2018	INTERNATIONAL JOURNAL OF CURRENT ENGINEERING AND SCIENTIFIC RESEARCH (IJCESR)	-
2	**M. Indra Reddy**, U.R.Prasad Varma, I.Ajit Kumar, V.Manikanth, P.V.Kumar Raju	Comparative Evaluation on Mechanical Properties of Jute, Pineapple leaf fiber and Glass fiber Reinforced Composites with Polyester and Epoxy Resin Matrices	International	2017	International Conference of Materials Processing and Characterization	-
3	P. V. Ch. R. K. Santosh, Dr. Shiva Shankare Gowda A S, **V. Manikanth**	Effect of fiber loading on Thermal properties of Banana and Pineapple leaf fiber Reinforced Polyester Composites	International	2017	International Conference of Materials Processing and Characterization	-

(c) Workshops/STTP Attended

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

1	Materials and manufacturing research problems	SVECW	17-09-2019	21-09-2019
2	Research methodology	S.R.K.R Engineering College	08-07-2019	12-07-2019
3	Additive manufacturing	S.R.K.R Engineering College.	13-07-2018	18-07-2018
4	Electron Microscopy	IISc, Bangalore	22-05-2017	26-05-2017
5	Bilogy for engineers	IIT, Bombay	05-06-2017	09-06-2017
6	Internet of Things	S.R.K.R Engineering College.	07/07/2016	
7	Advances in Materials & Manufacturing Technologies	S.R.K.R Engineering College.	23/04/2016	
8	Recent Trends in Mechanical Engineering	SRKREC, Bhimavaram	31-08-2015	

13. Achievements:

- Organized Five national level technical symposiums (SANKETA).

14. Strengths:

- Self Motivation.
- Able to learn very quickly and apply new skills to existing problems.
- Thorough understanding of the subject with ability to convey the same to the students.

15. Other Details if any:

16. Personal Details:

(a) Name of the Father : **Bruhaspathi**
(b) Name of the Mother : **Jyothi**
(c) Gender : **Male**
(d) Marital Status : **Single**
(e) Nationality : **Indian**

Date:

Place: Bhimavaram Signature of the Candidate