

CURRICULUM VITAE

Dr.A.NAGARAJU

H No: 18-1-345,
Venugopal Nagar,Anantapur.

Mobile Number: **+91-9440785952**

Email: arekantiraju@gmail.com

CAREER OBJECTIVE

To obtain a position where my teaching skills and research knowledge would be well utilized and looking for a challenging work.

PERSONAL SKILLS

A flexible novice ardent to learn innovative with good communicating skills, ability to handle fragile jobs with care and perfection, hardworking, ability to deal with people diplomatically, good team membership qualities.

EDUCATIONAL QUALIFICATIONS

Education	Specialization	Institute/university	CGPA/ percentage	Divison	Year of passing
Ph.D	Heat Transfer (Mechanical)	JNTUACE,Ananthapuramu	--	--	March 2016
M.Tech.	Energy systems	JNTUACE,Ananthapuramu	76	Distinction	2007
AMIME	IME (INDIA)	IMEI (INDIA)	61	First	2001
Diploma	Mechanical	Vasavi polytechnic,Banaganapalli	61	First	1994
SSC		Board of secondary Education	62	First	1988

LIST OF PUBLICATIONS

1. A.Nagaraju, Dr.B.Uma Maheswar Gowd, "**ENHANCE OF HEAT TRANSFER INSOLAR AIR HEATER DUCT HAVINGDIFFERENT TYPES OF ROUGHNESSELEMENTS ON THE BSORBERPLATES**". INTERNATIONALJOURNAL OFMECHANICALENGINEERING.2009
2. A.Nagaraju, Dr.B.Uma Maheswar Gowd, "**NUSSELT NUMBER AND FRICTION FACTOR CORRELATIONS FOR SOLAR AIR HEATER DUCT TRIANGULAR PROTRUSIONS AS ROUGHNESS ELEMENTS ON ABSORBER PLATE**". 0976-6340 2015
3. A.Nagaraju, Dr.B.Uma Maheswar Gowd, "**ENHANCEMENT OF HEAT TRANSFER AND THERMO-YDRAULIC PERFORMANCE USING TRIANGULARPROTRUSIONS AS ROUGHNESS ELEMENTS**". 2248-9622, 2015
- 4.A.Nagamani, R.Ganapathi,A.Nagaraju, "**ANALYSIS OF PERFORMANCECHARACTERISTICS OF THE WINDTURBINE GEAR BOX AT DIFFERENTPITCH ANGLES**". 2319-7064, 2015
5. A.Nagaraju,Dr.G.Prasanthi, "**FABRICATION OF SOLAR BASED VEHICLE**" International Journal of Emerging Technologies in Computational and Applied Sciences, 2279-0047 2016
- 6.Dr.A.Nagaraju, Dr.B.Chandramohan Reddy, K.Umamaheswari, "**CFD ANALYSIS OF FLOW AND HEAT TRANSFER IN SOLAR AIR HEATER DUCT BY USING V-SHAPED INCLINED CONTINUOUS RIBS ON ABSORBER PLATE**". International Volume Journal of Engineering Research and Technology (IJERT), ISSN : 2278 – 0181, 5 Issue 11, November- 2016.
7. K.Umamaheswari, Dr.P.Ravindranath, A.Nagaraju, "**A NUMERICAL ANALYSIS OF MHD CONVECTIVE HEAT TRANSFER THROUGH A HORIZONTAL WAVY CHANNEL WITH RADIATION EFFECT.**" International Journal of Engineering Sciences & Research Technology (IJESRT), ISSN:2277-9655.
8. Lavanya,S.venkateswarl, Dr.A.Nagaraju, Dr.G.Prasanthi, "**COOLING AND HEATING OFREFRIGERATOR JACKET BY USINGPELTIER EFFECT**". 2016
9. Dr.A.Nagaraju, Dr.B.Chandramohan Reddy, Sunil kumar, "**CFD SIMULATION OF HEATTRANSFER AND AIRFLOW IN SOLARAIR HEATER**". 2319-8753, 2016
10. U.Sreekanth, B.subba rao, Dr.A.Nagaraju,"**PERFORMANCE AND ANALYSIS OFVALVELESS PULSE JET ENGINE**". 2454-1362, 2016
11. Dr.A.Nagaraju, U.Sreekanth, "**EXPERIMENTAL ANALYSIS OF WORKING CHARACTERISTICS OF CORNOIL AS AN ALTERNATE FUELOF DIESEL ENGINE**". 2278-0181, 2016
12. B.Rajesh babu, Dr.A.Nagaraju, "**EXPERMENTAL ANALYSIS OF SUCTION LINE HEAT EXCHANGE BYUSING R-134A**" 2321-9653, 2017
- 13.S.Venkateswarlu,K.Raju, Dr.A.Nagaraju, Dr.G.Prasanthi, "**THE PERFORMANCE AND EMISSIONCHARACTERISTICS OF DIESELENGINE BY USING BIO-DIESEL**". 2321-3361, 2017
14. S.Venkateswarlu,K.Raju, Dr.A.Nagaraju, M.Ashok chakravarthy,"**PERFORMANCE OF DIESEL ENGINE USING NERIUM OIL AS ALTERNATIVE FUEL**". ISSN 2321 3361,2017

15. S.Venkateswarlu,K.Raju, Dr.A.Nagaraju, M.Ashok chakravarthy,"**PERFORMANCE TEST ON A CI ENGINE USING DIFFERENT PROPORTIONATE BLENDS OF EUACLYPTUS OIL AND DIESEL USING DI-METHYL CARBONATE ADDITIVE**". ISSN 2321 3361,2017

16. Dr.A.Nagaraju, Dr.B.Chandramohan Reddy, "**SOLAR AIR HEATER DUCT HAVING TRIANGULAR PROTRUSIONS AS ROUGHNESS ELEMENTS ON OBSORBER PLATE**". ISSN 2279 543X ,2018

INTERNATIONAL/NATIONAL CONFERENCES

1.Presented a paper entitled "**NATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING: CHALLENGES & INNOVATIONS**" in ST.JOHNS COLLEGE OF ENGINEERING & TECHNOLOGY,YEMMIGANUR, NEW TECHNOLOGIES OF SOIL MOISTURE SENSOR IN SOLAR POWERED IRRIGATION FIELD, 2017

2. Presented a paper entitled "**PERFORMANCE AND EMISSION CHARACTERISTICS OF CI ENGINE BY USING WASTE COCONUT OIL AS BIO DIESEL**" NATIONAL CONFERENCE ON EMERGING TRENDS IN MECHANICAL ENGINEERING(NC E-TIME'16) JNTUA COLLEGE OF ENGINEERING. ANANTAPURAMU, 2016

3.Presented a paper entitled "**ANALYSIS OF THE PERFORMANCE OF A DOUBLE PASS SOLAR AIR HEATER 2016** " INTERNATIONAL CONFERENCE ON TRENDS IN INFORMATION ,MANAGEMENT ,ENGINEERING AND SCIENCE (ICTIMESMALLA REDDY COLLEGE OF ENGINEERING. SECUNDERABAD, 2016

4.K.Umamaheswari, A.Mallikarjuna Reddy "**ENHANCEMENT OF HEAT TRANSFER COEFFICIENT AND THERMO-HYDRAULIC PERFORMANCE BY USING SOLAR AIR HEATER**" in the NATIONAL CONFERENCE ON INNOVATIONS IN MECHANICAL ENGINEERING (NCIME'15) MADANAPALLE INSTITUTE OF TECHNOLOGY AND SCIENCES. MADANAPALLE, 2015

5.Presented a paper entitled "**MODELING AND ANALYSIS OF INLINE DRIPPER IN IRRIGATION**" in the NATIONAL CONFERENCE ON TRENDS IN MECHANICAL ENGINEERING(TIME'15) JNTUA COLLEGE OF ENGINEERING. ANANTAPURAMU, 2015

SEMINARS AND WORKSHOPS

Attended National workshops : 20

TEACHING EXPERIENCE

- Working as ADHOC Lecturer in JNTUACE Ananthapuramu from September 2007 to till date.

PERSONAL DETAILS

Name : Dr.A.NAGARAJU
Father's Name : A. CHINNA VEERANNA
DOB : 20th December-1972
Gender : Male
Marital Status : MARRIED
Contact Address :
H No: 18-1-345,
Venugopal Nagar,Anantapur-515001
Phone : +91-9440785952

Declaration: I hereby declare that all the particulars mentioned above are true to the best of my knowledge and belief.

Station:Ananthapuramu

(Dr.A. NAGARAJU)