

S J P N Trust's Hirasugar Institute of Technology, Nidasoshi

FACULTY PROFILE

1. **Name in full** : Dr ALUR SIDRAMAPPA
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4. **Date of Birth** : 29-09-1966
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"Anuprabha" Flat Number 209,
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Belgaum,-590006, Karnataka state
Landmarks : Harimandir, R.P.D



6. **Educational qualifications :**

Sl. No.	Degree	University/Institution	Year	Specialization
1	Ph. D	NIT Rourkela, Orissa State	2012	Compact Heat Exchangers
2	M. E	Gulbarga University, Gulbarga	1995	Thermal Power Engg.
3	B.E	Gulbarga University, Gulbarga	1989	Mechanical Engg

7. **List of all previous employment:**

Sl. No.	Name of the Employer/ Institution	Period		Designation
		From	To	
1	Hirasugar Institute of Technology, Nidasoshi	February 2012	Till date	Professor
2	Hirasugar Institute of Technology, Nidasoshi	July 2005	January 2012	Assistant Professor
3	Hirasugar Institute of Technology, Nidasoshi	July 2003	June 2005	Senior Lecturer
4	Hirasugar Institute of Technology, Nidasoshi	July 1997	June 2003	Lecturer
5	Rural Engineering College , Bhalki, Bidar	March 1995	July 1997	Lecturer
6	Maharashtra College of Engineering , Nilanga, Latur	August 1990	July 1992	Lecturer
Total years of Experience			23 years	

8. **Date of Service in this Institution: July. 1997**

9. **Total Experience in years: 23 Years**

10. **Subjects of Interest:**

- Heat and Mass Transfer
- Thermodynamics and Combustion Engineering
- Turbo machinery
- I.C. Engines
- Advanced Heat Transfer
- Advanced Power Plant cycles
- Design of Heat Transfer Equipments for Thermal Power Plant

11. **Publications in National and International Journals & Conferences:**

• **National Journals:**

- **Balaji Kr Choudhury., S.A.Alur., R.K.Sahoo., Sunil Kr. Sarangi.** Optimization Analysis of Liquefaction Cycles for Nitrogen., Indian Journal of Cryogenics,37(1-4),pp 34,2012 Volume 37Issue (1-4) (ISSN 0379-0479)

- **International Journals:**

- **Sameer.S. Gajgate , C.Y.Seemikeri , S.A.Alur.,** Need of Microchannel for high heat flux electronics cooling – A survey , available online in IEEE digital explorer library (978-1-4673-6725-7/16/\$31.00 ©2016 IEEE)
- **R.S.Ellur., S.A.Alur.,Santhosh Rathod.,** Experimental Investigation of pressure drop in stationary square channel with 90° ribs ,Journal of Advances in Science & Technology, volume 12,issue Number 25 (Special Issue) ,page number 576-581, December 2016 (ISSN 2230-9659) (<http://ignited.in/1/a/4473>)
- **Sachin Chougule.,Mahesh.R.Ingalagi.,S.A.Alur.,** Influence of Multiple Vortex Generators on the Hydraulic Performance of Air Flow through a Rectangular Duct , Journal of Advances in Science & Technology, volume 12, issue Number 25 (Special Issue), page number 490-494, December 2016 (ISSN 2230-9659) (<http://ignited.in/1/a/4446>)
- **Malagouda Patil., S.A.Alur.,** Steady State Thermal Analysis of Rectangular Fin with Different Cavities , Journal of Advances in Science & Technology, volume 12, issue Number 25 (Special Issue), page number 490-494, December 2016 (ISSN 2230-9659) (<http://ignited.in/1/a/4400>)
- **Mahantesh.N.Shivashimpi., S.A.Alur., S.N.Topannavar.,** Effect Of Cylindrical Combustion Chamber Shape on the Performance and Emission Characteristics of C.I. Engine Operated on Pongemia , , Journal of Advances in Science & Technology, volume 12, issue Number 25 (Special Issue), page number 357-363, December 2016 (ISSN 2230-9659) (<http://ignited.in/1/a/4399>)
- **Kumar Chougala., S.A.Alur.,** Experimental Study Of The Effect Of Distilled water, R O Water, Lubricating Oil, Ethanol And Tio₂nanofluid Concentrations On Pool Boiling Heat Transfer, , Journal of Advances in Science & Technology, volume 12, issue Number 25 (Special Issue), page number 601-605, December 2016 (ISSN 2230-9659) (<http://ignited.in/1/a/4467>)

- **National Conferences:**

- **S.A.Alur., Balaji Kr Choudhury., R.K.Sahoo., Sunil Kr. Sarangi.,** Performance Analysis of plate fin heat exchanger at low Reynolds number. 23rd National Symposium on cryogenics (NSC-23). October 26-30, 2010, National Institute of technology, Rourkela-769008, Orissa, India

- **International Conferences:**

- **S.A.Alur., Balaji Kr Choudhury., R.K.Sahoo., Sunil Kr. Sarangi.,** Simulation of Turboexpander Based Nitrogen Liquefier. Proceedings of the 20th National and 9th International ISHMT-ASME Heat and Mass Transfer Conference. January 4-6, 2010, Mumbai, India.

- **S.A.Alur., Balaji Kr Choudhury., R.K.Sahoo., Sunil Kr. Sarangi.,** Design of High Expansion Ratio Turboexpander for nitrogen Liquefier. Proceedings of the 3rd International Conference on Advances in Mechanical Engineering, January 4-6, 2010., S.V. National Institute of Technology, Surat, India.
- **S.A.Alur., Balaji Kr Choudhury., R.K.Sahoo., Sunil Kr. Sarangi.,** Performance Analysis of plate fin heat exchanger. Asian conference on Applied Super conductivity and cryogenics, November 16-18, 2011, I.U.A.C, .New Delhi.
- **Sameer.S. Gajgate , C.Y.Seemikeri , S.A.Alur. V.V.Rangate .,** Theoretical survey and study of high heat flux electronic devices cooling ,International Conference on recent trends in Engineering and Material sciences (ICEMS-2016) held at Jaipur National University ,Jaipur ,India from 17th to 19th March 2016

12. Training Programming Programmes/Workshops/Seminars/STTPs/Symposiums Attended:

S.N.	Topic	Period	Date	Venue
1	4 th ISTE Annual State Convention	2 Days	3 rd Nov to 4 th Nov 2004,	B. E. C. Bagalkot
2	31 st ISTE Annual National Convention	3 Days	27 th Dec to 29 th Dec 2001	K.I. I. T. Bhubaneshwar
3	Thermal Engineering of Electronic Equipment	1 week	28 th Jan to 1 st Feb 2002	I.I. Sc., Bangalore
4	Processing of Composite Materials	2 weeks	26 th Aug to 7 th Sept 2002	B. E. C. Bagalkot
5	Fundamentals of Cryogenic Technology	1 week	17 th Nov to 21 st Nov 2003	I.I. Sc., Bangalore
6	Optimization of Thermal Systems	2 weeks	6 th Dec to 17 th Dec 2004	I. I. T, Chennai
7	Biodiesel as Bio Fuel	1 Day	8 th August 2005	C.B.M.B. Bangalore
8	Computational Fluid Dynamics	2 Days	13 th Jan to 14 th January 2006	S.S.I.T. Tumkur
9	Cryocoolers :Theory, Design and Practice	4 Days	February 19-22, 2008	IIT Bombay
10	Fundamentals of Cryogenic Engineering	1 week	5 th July to 9 th July 2008	N.I.T, Rourkela, Orissa state
11	Helium Cryogenics	2 Days	10 th July to 11 th July,2008	N.I.T, Rourkela, Orissa state
12	Cryogenics in Biology and Medicine	2 Days	18 th June to 19 th June ,2010	N.I.T, Rourkela, Orissa state
13	Cryogenics	2 Days	26 th to 27 October ,2010	N.I.T, Rourkela, Orissa state
14	Compact Heat Exchangers for aerospace applications	2 Days	21 st to 22 nd December 2015	P.E.S University ,Bangalore
15	Recent trends on Nanotechnology	2 Days	18 th and 19 th January 2016	Alvas Institute of Engineering and Technolgy.Moodabidri,Karnataka state

13. Details of Memberships in societies:

- Life member of I.S.T.E(LM 29498, 2000)
- Life member of Indian Journal of Cryogenics (LM676,2010)

