

PROFILE OF Dr.K.V.SREENIVAS RAO



Name and Address

- | Residential | Official |
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| 1. Dr. K.V.Sreenivas Rao
TRIVENI NIVAS
2 ND Cross, CB layout
Upparahalli,
Tumkur-572102
Karnataka | : Dr. K.V.Sreenivas Rao
Principal
Akshaya Institute of Technology, Tumkur
Karnataka - 572106 |
| 2. Date of Birth | : 24 th June 1960 |
| 3. Contact Details | : 9480560261, kvsreenivasarao@yahoo.com |
| 4. Field of Specialization/
Interest | : Heat Transfer, Phase Transformation
Nanotechnology, Composite Materials
Surface coatings |

5. Academic Qualifications

Degree	Institution/University	Year
Ph.D. (Metallurgical and Materials Engineering)	Indian Institute of Technology Madras, Chennai	2008
M.E. (Metal Casting Science and Engg)	University Visvesvaraya College of Engg., Bangalore	1989
B.E., (Mechanical Engg)	SIT, Tumkur	1985

6. Ambition and Goal: *To build an Institution of Excellence in the field of Engineering Education with sheer Dedication, Hard work and Commitment.*

7. Research Publications:

1. International Journal :85
2. International Conference :60
3. National Conference :12

8. Research Guidance Leading to Ph.D: 08

M.Tech Project guidance: 35

UG Project guidance: 50

UG Research project guidance: 08

9. Research Projects Undertaken:

Sl No	Title of the project	Funding organization	Amount	Role
1	Synthesis and Characterization of Cu-Al-Mn Shape Memory Alloys	VTU, Belgaum	12.50 L	Co-Investigator
2	“High Temperature Superconducting Energy Storage Technique for use in Distributed Generation System”	Central Power Research Institute, (CPRI) Bangalore	09.50L	Principal Investigator
3	K-FIST Level I	VGST-DST, Govt. of Karnataka	20.00L	Principal Investigator
4	Wear Behavior of Nano Boron Carbide Reinforced Aluminum Matrix Composites	AICTE, New Delhi	08.60L	Principal Investigator
5	Flywheel Energy Storage System (FESS)	KSCST	00.07L	Project Guide
6	Development of Corrosion Resistant Nano-Composite Coating for Marine Application and Parameter Optimization	TEQIP, MHRD	2.15L	Principal Investigator
7	Development of Wear Resistant Multi Layer Nano Composite Coating for Aerospace Application	TEQIP, MHRD	2.20L	Principal Investigator
8	Development of Bio-Composite Technology for All Composite Housing Materials for Rural and Rehabilitation Applications	TEQIP, MHRD	2.23L	Principal Investigator
9	Technical Education Quality Improvement Programme	World Bank	6.5 crore	Procurement Coordinator

10. Patents filed: 02**11. Membership and Fellowship of Professional Bodies**

1. Life member of Indian Society for Technical Education (M.I.S.T.E)
2. Life member of Indian Institute of Metals (M.I.I.M)

12. Invited Lectures Delivered at Various Organizations: 14**13. Other Significant Contributions:**

1. National/International committees/Assignments: Local organizing committee member for organizing “International Symposium for Research Scholars (ISRS - 2008)”, 2008, IIT Madras, Chennai
2. Organized 3 international conferences successively during the years 2010, 2013 and 2016 on “Advanced Materials, Manufacturing, Management and Thermal sciences [AMMMT]” at SIT, Tumkur
3. Member of Board of Studies and Board of Examiners in the department of Mechanical Engineering, SIT, Tumkur
4. Convener of Postgraduate programmes at SIT, Tumkur
5. Guided M.Tech. and PhD students
6. Coordinated various activities like University central valuation, Training and placement, alumni association, faculty development, conduction of theory and practical examinations, laboratory up-gradation, national board of accreditation, ISO coordinator, Procurement coordinator (TEQIP), etc.

14. Visits Abroad:

Visited United States of America (USA) during 2008, China and Malaysia during 2016 for presenting research papers in International Conferences. The related expenditure was sponsored by IIT Madras, Department of Science and Technology, SIT and TEQIP.

15. Worked in SIT from 1989 to 2017 in various capacities as lecturer, senior lecturer, selection grade lecturer, assistant professor and professor. Took VRS on 30.06.2017. Presently functioning as Principal of Akshaya Institute of Technology, Tumkur

16. Contributed Rs.301/- every month for about 20 years through salary deduction to Sree Siddaganga Mutt Tumkur.

Dr.K.V.Sreenivas Rao

Details of Research Guidance by Dr.K.V.Sreenivas Rao

SI No.	Research guidance detail	Thesis details	Status of Degree	year	Annexure No.
1	Student name: Basavarahu M G University: Visvesvaraya Technological University, Belagavi, Karnataka	Experimental study on the performance of Heat pump system with trans critical CO2 refrigerant	Ph.D Awarded	2020	PH 19: 000085 USN: 1SI10PMN06
2	Student name: Mahendra Motilal Dhongadi University: Visvesvaraya Technological University, Belagavi, Karnataka	Effect of inlet distortion and obstruction in flow into a gas turbine and the model studies using a ducted fan setup for performance characteristics	Ph.D Awarded	2017	PH 13: 000696 USN: 1SI11PMM03
3	Student name: Girisha K G University: Visvesvaraya Technological University, Belagavi, Karnataka	Development of wear and corrosion resistant composite coating for 410 grade steel	Ph.D Awarded	2019	IDMP 16: 00482 USN: 6SI12MSE08
4	Student name: Sanman S University: Visvesvaraya Technological University, Belagavi, Karnataka	Effect of solidification behaviour on the structure and properties of Aluminum-Boron carbide composites	Ph.D Awarded	2018	IDMP 16:00484 USN: 6SI11MSE09
5	Student name: Anil K C University: Visvesvaraya Technological University, Belagavi, Karnataka	Synthesis and characterization of Red Mud and Graphite reinforced aluminium matrix hybrid composite	Ph.D Awarded	2022	PH19: 001470 USN: 1SI15PMJ07
6	Student name: Vijaykumar University: Visvesvaraya	Hybrid composites	PhD Pursuing		

	Technological University, Belagavi, Karnataka				
7	Student name: Abdul Khazi University: Visvesvaraya Technological University, Belagavi, Karnataka	Machining characteristics of composite materials	Ph.D Pursuing		
8	Student name: Pratima University: Visvesvaraya Technological University, Belagavi, Karnataka	Effect of Thermal processing on the properties of composites	Ph.D Pursuing		