



JSS MAHAVIDYAPEETHA

JSS ACADEMY OF TECHNICAL EDUCATION

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8. **Employment Type** : Permanent
9. **Educational Qualifications:** (In reverse Chronological Order)



Sl. No.	Degree	Branch	Specialization	Year of passing	University
1	BE	Mechanical	Mechanical	1999	Bangalore
2	M.Tech	Thermal Power Engg.	Thermal	2004	VTU Belgaum
3	PhD	Mechanical	Thermal/CFD/Aero Engines	2014	JNTU,Hyderabad

10. **Service Details (In reverse Chronological Order):**

a. **Teaching Experience:**

Sl. No	From (mm/yy)	To (mm/yy)	No. of years	Degree or Diploma Institution	Designation	Name of the Institute
1	Dec'00	June'02	1.5	ET and T	Software Trainer	ET&T, a Govt. of India enterprise
Total Experience			Years	1.5 years		

b. Industrial Experience:

Sl. NO.	From	To	No. of yrs.	Designation	Name of the Company
1	Feb'15	Sept'15	8 months	Lead Engineer	WorleyParsons India Pvt. Ltd
2	May'06	Jan'15	8 Years 7 Months	Project Leader	Cyient Limited
3	June'05	April'06	1 Year	Assistant Design Engineer	Scandent solutions pvt. Ltd.
4	Oct'04	May'05	8 months	CFD Trainee Engineer	CSM softwares Ltd.
5	August'03	Sept'04	1 Year 1 months	Project/Contract Engineer	GTRE, DRDO.

11. Membership in various University Boards / Committees / Other (Specify):

Sl. No.	Body	From	To	Name of the University / Institution / Organisation
1	ASME	2011	Life time	American Society for Mechanical Engineers

12. Awards : Pat on the back, Associate of the Month, Cynasore best

13. Field of Expertise / Interest : HeatTransfer/Thermal, Fluid Flow, CFD

14. Details of Books published :

15. Number of Ph.D. Guidance : Number of Ph.D's awarded - 00

: Number of Ph.D.'s guiding - 05

16. Projects :

17. Details of Publications:

a. Year: 01-01-2015 to 30-06-2016

i. Journals: International

Google Scholar Link: <https://scholar.google.co.in/citations?hl=en&user=-NeZ7swAAAAJ>

Sl. No.	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	Anil B A	Aerodynamic Analysis of Vortex Generators on Airfoil	International Journal of Engineering and Advanced Technology	Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.	ISSN : 2249-8958 Volume No. :5 Issue :4 Month & Year : May 2016
2	Kousik S	Computational Analysis of a Multi-Cylinder Four Stroke SI Engine Exhaust Manifold System	International Journal of Engineering and Advanced Technology	Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.	ISSN : 2249-8958 Volume No. :5 Issue :5 Month & Year : June 2016
3	Veeresh B R	Heat Transfer Enhancement and Thermal Performance of Extended Fins	International Journal of Engineering and Advanced Technology	Blue Eyes Intelligence Engineering & Sciences Publication Pvt. Ltd.	ISSN : 2249-8958 Volume No. :5 Issue :5 Month & Year : June 2016
4	Avinash	Optimization of Diesel Engine Parameters with Blend of Pongamia Biodiesel and Diesel Using Taguchi Method	International Journal of Automobile Engineering Research and Development	Transteller	ISSN : 2277-4785 Volume No. :4 Issue :6 Month & Year : February 2015 Page Nos. : 11-18
5	Rahul kanade	Heat Transfer Enhancement In a Double Pipe Heat Exchanger Using CFD	International Research Journal of Engineering and Technology	Fast Track Publications	ISSN : 2395-0056 Volume No. :2 Issue :8 Month & Year : November 2015

b. Year 01-01-2011 to 31-12-2014

i. Journals: International

Sl. No.	Name of Co-Author	Title of Paper	Name of the Journal	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	CK Ong	Experimental Investigaion of boiler pressure behavior in closed-open-closed system	Journal of Energy Resource Technology	ASME	Volume No. :133 Month & Year : June 2011
2	V.K Pravin	Experimental Investigation of Fluid Flow in a Combustor	Conference Proceedings 4 th International Meeting on Advances in Thermo-Fluids (IMAT)	American Institute of Physics	Month & Year : October 2011
3	V.K Pravin	Thermal stress investigation of a gas turbine blade	Conference Proceedings 4 th International Meeting on Advances in Thermo-Fluids (IMAT)	American Institute of Physics	Month & Year : October 2011
4	V.K Pravin	Investigation of Pressure Losses in 2-d axi-symmetric Aero Gas Turbine Combustor Model Using Computational Methods	International Journal of fluids engineering	Research India Publications	ISSN : 0974-3138 Volume No. :2 Issue :10 Month & Year : February 2010 Page Nos. : 125-129
5	V.K Pravin	Fluid flow and dump gap optimization of a aero gas combustor model using experimental hydraulic analogy	International Journal of Dynamics of fluids	Research India Publications	ISSN : 0973-1784 Volume No. :6 Issue :1 Month & Year : February 2010 Page Nos. :57-62

6	V.K Pravin	Flow optimization, heat transfer analysis of a burning chamber using - cfd	International Journal of Dynamics of fluids	Research India Publications	ISSN : 0973-1784 Volume No. :6 Issue :1 Month & Year : February 2010 Page Nos. :91-96
7	Kailash	Optimization Of Heat Transfer And Pressure Drop Of A Plate Fin-Tube Heat Exchanger Using CFD”	International Journal of Engineering studies	Research India Publications	ISSN : 0975 - 6469 Volume No. :5 Issue :1 Month & Year : 2013 Page Nos. :55-57
8	Shivaji	Experimental investigation on use of preheated pongamia oil Bio-Diesel in DI diesel engine	International Journal of Automobile Engineering Research and Development	Transteller	ISSN : 2277-4785 Volume No. :4 Issue :6 Month & Year : 2014 Page Nos. :1-8

ii. Conferences: International

Sl. No	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V.K Pravin	Thermal stress investigation of a gas turbine blade	4 th International Meeting on Advances in Thermo-Fluids (IMAT) 3 rd and 4 th	IMAT, Melaka, Malaysia	3 rd and 4 th October’2011, Melaka, Malaysia
2	V.K Pravin	Experimental Investigation of Fluid Flow in a Combustor	4 th International Meeting on Advances in Thermo-Fluids (IMAT) 3 rd and 4 th	IMAT, Melaka, Malaysia	3 rd and 4 th October’2011, Melaka, Malaysia

iv National conferences / workshops

Sl. No	Name of Co-Author	Title of Paper	Name of the Conference	Publisher	Publication citation ISSN, ISBN, Vol. No., Issue, pp
1	V.K Pravin	Fluid flow investigation of a aero gas combustor model using Hydraulic Analogy	19th National and 8th ISHMT-ASME, Heat and Mass transfer conference, Heat and Mass Transfere	JNTU Hyderabad	Month & Year : 2008