

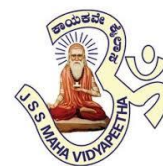


JSS Mahavidyapeetha

JSS Academy of Technical Education

Dr. Vishnuvardhan Road, Srinivasapura post Bangalore 560060


www.jssateb.ac.in



FACULTY PROFILE

Department:

1. Personal Details

NAME	Dr. PRASHANTHA B. G.	
DEPARTMENT	Mechanical Engineering	
DESIGNATION	Assistant Professor	
PHONE	7899566365	
EMAIL ID	prashanthbg@jssateb.ac.in	
Date of Joining (JSSATEB)	14.06.2006	

2. Experience

Total Experience in Years	Teaching: 19 Years	Industry: Nil	Research: 10 Years
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3. Qualifications

COURSES	SPECIALIZATION	Year of Award	INSTITUTION	UNIVERSITY
B.E.	Mechanical Engineering	1997	Vijaya Nagara Engineering College (RYMEC), Ballari	Gulbarga
M.Tech.	Energy Systems Engineering	2005	BVB College of Engg & Technology	VTU, Belagavi
Ph.D.	Thermoacoustic Refrigeration.	2017	AIT Chikkamagaluru	VTU, Belagavi
Post Doc.	-	-	-	-

4. Research & Publications

Papers Published in Web of Science indexed Journals	International: 12	National: nil
Papers Published in SCOPUS indexed Journals	International: 00	National: nil
Papers Published in other Journals	International: 02	National: 01
Papers Presented in Conferences / Symposium	International: 03	National: 09
Books / Book chapters	-	

Published	-
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5. Research Guidance

PhD Guide? Give field & University	No	
PhDs / Projects Guided	Ph.D Awarded : Nil Guiding : Nil	Projects at Master level: 06 Projects at Bachelor level: 16

6. Grants

i. Funds Received (Projects)

Project Name	Grant Amount, Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-
-	-	-	-	-

ii. Patents

Sl. No.	Title Details	Details of award of patent / Filed
-	-	-
-	-	-

iii. Consultancy

Title of the work	Amount in Rs.	Date of receiving the Grant	Duration	Grant issuing authority/ Body / Organization
-	-	-	-	-
-	-	-	-	-

7. Awards Received

1	-
2	-

8. Member of BOS/ BOE/ Board/ Governing Council/ Committees (University or State Level)

Sl. No.	Name of the Committee	Position	From Date	To Date	Name of the University/ Organization/ Board
1	-	-	-	-	-
2	-	-	-	-	-

9. Publications

A. Year: 01-01-2020 to till date

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
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1.	B.G. Prashantha, D. R. Swamy, Bhimasen Soragaon and T.S. Nanjundeswaraswamy	“Design optimization and analysis of thermoacoustic refrigerators”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Vol. 28, No. 3, 2050020 (12pages), 2020, DOI: 10.1142/S2010132520500200	2.8
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B. Year: 01-01-2019 to till date

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1.	B.G. Prashantha, S. Seetharamu, G.S.V.L. Narasimham and M.R. Praveen Kumar	“Effect of Stack Spacing on the Performance of Thermoacoustic Refrigerators Using Helium and Air as Working Substances”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 1 Vol. 27, No. 2, 1950016 (11 pages), 2019, DOI: 10.1142/S2010132519500160	2.3
2.	B.G. Prashantha, S. Seetharamu, G.S.V.L. Narasimham and M.R. Praveen Kumar	“Design and Analysis of Thermoacoustic Refrigerators Using Air as Working Substance”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 1 Vol. 27, No. 1, 1950008 (14 pages), 2019, DOI: 10.1142/S2010132519500081	2.3

ii. Conference: International

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, S. Seetharamu, G.S.V.L. Narasimham, Bhimasen Saragaon	“Thermoacoustic Refrigeration: An Overview”	1 st International Conference on Applied Mechanical Engineering Research (ICAMER)-2019	NIT Warangal	May 02-04, 2019	NA

iii. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	Arkaprava C, Manish kumar B, Himanshu M and B.G. Prashantha.	“Design and development of smart solar drip irrigation system”	National Conference on Emerging Trends in Materials, Design and Manufacturing (NCMDM)-2019	JSSATEB	May 16-17, 2019	NA

C. Year: 01-01-2018 to 31.12.2018

I. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication Details	Impact Factor
1.	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham	“Design and Analysis of Acoustically-Driven 50 W Thermoacoustic Refrigerators”	SADHANA- (Proceedings in Engineering Sciences)	Springer & Indian Academy of Sciences.	Google Citations: 2 SADHANA (2018) 43:82	0.592

D. Year: 01-01-2017 to 31.12.2017

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1.	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham	"Design Construction and Performance of 10 W Thermoacoustic Refrigerators"	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 2 Vol. 25, No. 3, 1750002 (14 pages), 2017, DOI: 10.1142/S2010132517500237	2.3
2.	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham	"Design and Comparative Analysis of Thermoacoustic Refrigerators"	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 3 Vol. 25, No. 1, 1750002 (9 pages), 2017, DOI: 10.1142/S201013251750002X	2.3

E. Year: 01-01-2016 to 31.12.2016

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1.	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham	Design Analysis of Thermoacoustic Refrigerator Using Air and Helium as Working Substances"	International Journal of Thermal and Environmental Engineering.	International Association for Sharing Knowledge and Sustainability, Canada.	Google Citations: 2 Vol. 13, No. 2 (2016) 113-120, , ISSN: 1923-7308, DOI: 10.5383/ijtee.13.02.006	0.599

F. Year: 01-01-2015 to 31-12-2015

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	“Resonator Optimization and Studying the Effect of Drive Ratio on the Theoretical Performance of a 10-W Cooling Power Thermoacoustic Refrigerator”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 4 Vol. 23, No. 3, 1550020 (12 pages), 2015, DOI: 10.1142/S2010132515500200	2.3

G. Year 01-01-2014 to 31-12-2014

i. Journal: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	“Design and optimization of a loudspeaker driven 10 watts cooling power thermoacoustic refrigerator”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 7 Vol. 22, No. 3, 1450015 (15 pages), 2014, DOI: 10.1142/S201013251450015	2.3

ii. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
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1	S. K. Darshan, M. Raja and B.G. Prashantha.	“Design and development of a water recovery system for a PEM fuel cell cathode compartment in hybrid vehicles”	National Conference on Emerging Trends in Engineering Management-2014 (NCETEM-2014).	JSSATEB	Nov 6-7, 2014	NA
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H. Year: 01-01-2013 to 31-12-2013

i. Journals: International

Sl. No.	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	“Theoretical Evaluation of Loudspeaker for a 10 watts Cooling Power Thermoacoustic Refrigerator”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 8 Vol. 21, No. 4, 1350027(8 pages), 2013, DOI: 10.1142/S2010132513500272	2.3
2	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	“Theoretical Evaluation of a 10 watts Cooling Power Thermoacoustic Refrigerator”	Heat Transfer - Asian Research Journal.	Wiley	Google Citations: 8 ISSN 1099-2871, (15 pages),2013, DOI: 10.1002/htj.21094	-
3	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	“Design and Analysis of Thermoacoustic Refrigerator”	International Journal for Air-conditioning and Refrigeration.	World Scientific	Google Citations: 9 Vol. 21, No. 1,1350001-10,2013, DOI: 10.1142/S2010132513500016	2.3
4	B.G. Prashantha, M.S. Govinde Gowda, and S. Seetharamu.	“Effect of Mean Operating Pressure on the Performance of Stack-based Thermoacoustic Refrigerator”	International Journal of Thermal and Environmental Engineering.	International Association for Sharing Knowledge and Sustainability, Canada.	Google Citations: 11 Vol. 5, No. 1 (2013) 83-89, 2013, ISSN: 1923-7308, DOI: 10.5383/ijtee.05.01.009	0.599

ii. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	P. Prabhakara and B.G. Prashantha.	'Importance of Training and Development Program for Improving Quality in an organization'	National Conference on Emerging Trends in Engineering Management-2013 (NCETEM-2013).	JSSATEB	July 4-5, 2013	-

I. Year: 01-01-2012 to 31-12-2012

i. Journal: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Journal	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda, S. Seetharamu and G.S.V.L. Narasimham.	"Stack Optimization of Thermoacoustic Refrigerator"	The journal of CPRI.	CPRI, Bengaluru.	Vol. 8, No. 1, pp.97-102, ISSN 0973-0338, 2012.	-

J. Year: 01-01-2011 to 31-12-2011

i. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha and M.S. Govinde Gowda,	"A Review of Literature on Thermoacoustic Refrigerator"	National Conference on Advances in Mechanical Engineering.	Manipal Institute of Technology, Manipal.	Google Citations: 3 3-5 th Jan 2011.	-

K. Year: 01-01-2010 to 31-12-2010

i. Conference: International

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha and M.S. Govinde Gowda,	"Design of Thermoacoustic Refrigerator Using DELTAEC"	International Conference on Frontiers in Mechanical Engineering.	NITK Surathkal	20-22 nd May 2010.	-

L. Year: 01-01-2009 to 31-12-2009

i. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	S. Avinash, S. Srinidhi and B.G. Prashantha.	"Energy Conservation in Daily Practices"	National Conference on New advances in Thermal, Design, Materials & Manufacturing Engineering.	MCE Hassan	2009	NA

M. Year: 01-01-2008 to 31-12-2008

i. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda, and S. Seetharamu.	"Eco-friendly Refrigerators"	National Conference on Emerging Trends in Mechanical Engineering (ETIME-2008).	BMS College of Engineering, Bengaluru.	28-29 th August 2008.	NA

N. Year: 01-01-2007 to 31-12-2007

i. Conference: International

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha and M.S. Govinde Gowda.	"Standing and Travelling Wave Thermoacoustic Refrigerator"	International Conference on Energy Engineering and Eco-balance.	Mulshi Institute of Technology and Research, Pune.	Google Citations: 2 16-18 th February 2007.	NA

ii. Conference: National

Sl. No	Order of the Authors	Title of the Paper	Name of the Conference	Publisher	Publication citation, ISSN, ISBN, Vol. No., Issue, pp	Impact Factor
1	B.G. Prashantha, M.S. Govinde Gowda and S. Seetharamu.	"A Study on Thermoacoustic Refrigerator"	National Conference on Emerging Trends in Mechanical Engineering and Sciences (ETIMES-2007).	Bannari Amman Institute of Technology, Sathyamangalam, Tamil Nadu.	Google Citations: 2 19-20 th December 2007.	NA

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i. Workshops / Conference (Organised)

Sl. No.	Name of the workshop / Conference	Organised by	Date	Role
	-			
	-			
	-			
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ii. Workshops / Conference Attended (those sponsored by AICTE / ISTE/IETE/TEQIP or any other sponsoring body)

Sl. No.	Name of the workshop / Conference	Organiser	Date
1.	Introduction to CFD with practical insights (Online)	Dept. of Mech. Engg, Reva University, Bengaluru	13/06/2020
2.	FDP on CFD (Online)	Bharatiya Vijnana Mandali, Kurnool, AP.	18/06/2020 to 20/06/2020
3.	Webinar: New approaches in Mechanical Engineering,	JSSATE Noida	29/06/2020 to 01/07/2020.

10. Details of NPTEL / COURSERA courses completed

Sl. No.	Name of the subject	Organised by	Date of completion / Award	Grade / Marks
1	Thermodynamics	Coursera: University of Michigan	11/09/ 2020	92%

11. Membership of Professional Bodies:

Sl. No.	Body	From	Name of the University / Institution / Organisation
1	Indian Society for Technical Education (ISTE)	2006	Life Member (LM 49431)
2	International Association of Engineers (IAENG)	2019	Member Number: 238528
3	Fluid Power Society of India	2020	Member No: M-4513

12. Any other information you will like to share about your professional experience

Name & Designation of the Faculty Member

PRASHANTHA B G
Asst. Professor