

BIO-DATA

1. Name and full correspondence address: Dr.V. Ramesh Babu,
Professor,
Dept of Mathematics,
National Sanskrit University, Tirupat, Chittoor Dist, Andhra Pradesh
2. Email(s) and contact number(s): drvrbabu45@fmail.com Mobile:9491271729
3. Institution: National Sanskrit University, Tirupat, Chittoor District AP
4. Date of Birth: 22/12/1966
5. Gender (M/F/T): Male
6. Category Gen/SC/ST/OBC: General
7. Whether differently abled (Yes/No): No
8. Academic Qualification (Undergraduate Onwards)

	Degree	Year	Subject	University/Institution	% of marks
1.	B.Sc	1988	Maths,Physics, Chemistry	Sri Venkateswara University, Tirupati	77.85
2.	M.Sc	1990	Applied Mathematics	Sri Venkateswara University, Tirupati	68.75
3.	Ph.D	2003	Fluid Dynamics	Sri Venkateswara University, Tirupati	-

9. Ph.D thesis title, Institute/Organization/University, Year of Award.

'SOME STUDIES OF PERISTALTIC FLOWS OF PHYSIOLOGICAL FLUIDS'
Dept of Mathematics, Sri Venkateswara University, Tirupati

10. Work experience (in chronological order).

S.No	Positions	Name of the	From	To	Pay Scale
1.	Lecturer	S.V.Arts College	30-8-1991	03-6-2004	3640-7580
2.	Lecturer	S.V.Arts College	04-06-2004	31-12-2005	8000-13500
3.	Lecturer	S.V.Arts College	01.01.2006	03-06-2008	15600-39100(AGP:6,000)
4.	Sr Lecturer	S.V.Arts College	04-06-2008	02-12-2009	15,600-39100(AGP:7,000)
5.	Asst Professor	R.S.Vidyapeetha	03-12-2009	04-06-2015	15,600-39100(AGP:8,000)
6.	Associate Professor	R.S.Vidyapeetha	04-06-2016	03-06-2019	Level 13 A
7.	Professor	R.S.Vidyapeetha	04-06-2019	Till date	Level 14

11. Publications (List of papers published in SCI Journals, in year wise descending order).

S.No.	Author(s)	Title	Name of Journal	Volume	Page	Year ISSN/ISBN
1	V. Ramesh Babu, S.Sreenadh and M. Narahari	Effect of Yield Stress on Peristaltic Pumping of Non-Newtonian Fluids in a Channel	The proceedings International symposium on Advances in Fluid Mechanics (June 21-22,2004) Tata McGraw-Hill, New Delhi			2004
2	K.Vajravelu,S.Sreenad,V.Ramesh Babu	Peristaltic transport of Herschel-Bulkley fluid in an inclined tube	International Journal of Non-Linear Mechanics (Elsvier)	83-90	40	2005
3	K.Vajravelu, S.Sreenadh, V.Ramesh Babu	Peristaltic transport of Herschel-Bulkley fluid in a channel	Journal of Applied Mathematics and computation (Elsvier)	726 – 735	169	2005
4	K.Vajravelu, S.Sreenadh, V.Ramesh Babu	Peristaltic transport of a Herschel-Bulkley fluid in contact with a Newtonian fluid	Int J. Quart. Appl. Math	593-604	64	2006
5	V.Ramesh Babu, S. Sreenadh	Low Reynolds number Peristaltic flow of Herschel – Bulkley –Fluid	the proceedings of International conference on Mathematical Biology - February 19-21, 2004 IIT Kanpur	85 - 89		2006
6	V.Ramesh Babu, S.Sreenadh, A.Rama Devi	Effects Of Hall Currents hydro magnetic Flow of an Ionized gas between parallel porous walls through a porous medium	International Journal Of Mathematical Archive	4980-4988		2012

7	V.Ramesh Babu, S.Sreenadh, A.Rama Devi	MHD Flow Of An Ionized Gas In A Parallel Plate Channel With Porous Lining	International Journal Of Mathematical, Sciences And Engineering Applications	295-308	Vol:7	2013
8	V.Ramesh Babu, S.Sreenadh, A.Rama Devi	Hydro magnetic Oscillatory Flow Of Dusty Fluid In A Rotating Porous Channel Through A Porous Medium	International Journal Of Research In Engineering & Advanced Technology	Vol:1	Issue: 5	2013
9	V.Ramesh Babu, S.Sreenadh,A.Rama Devi and P.V.Arunachalam	MHD Dusty Jeffrey fluid flow between oscillating coaxial circular cylinders	Russian Journal Engineering Automation	Vol:2	105-	2015
10	V. Ramesh Babu, S.Sreenadh, And A.N.S.Srinivas	Peristaltic Transport Of A Viscous Fluid In A Porous Channel With Suction And Injection	Ain Shams Engineering Journal.			2018 2090-4479
11	V.Ramesh Babu	Mathematics in Sanskrit Literature	National Journal of Hindi & Sanskrit Reserach			2018 2454-9177
12	S.Sreenadh,V. Ramesh Babu, G. Gopi Krishna, S.R.Mishra, And A.N.S.Srinivas	Entropy Generation On MHD Flow And Heat Transfer Of Non-Newtonian Fluid Flow Over A Non-Linear Radially Stretching Sheet	International Journal Of Engineering & echnology-ljet			2019
13	S.Sredhar And V.Ramesh Babu	Heat And Mass Transfer Effect On Peristalsis Of Jeffrey Fluid In A Vertical Channel With Thermal Radiation And Heat Sources	International Journal Of Scientific And Innovative Mathematical Research			2019 2347-3142
14	P.Rajesh Kumar, V.Ramesh Babu	Effect Of Complete Slip On The Peristaltic Flow Of Casson Fluid In A Channel With Suction And Injection	International Journal Of Scientific Research And Review			2019 2279-0543

15	V.Ramesh Babu And T. Savita	Flow Of Jeffrey Fluid Through An Artery With Multiple Stenosis	International Journal Of Engineering Research And Development			2019 2321-9939
16	V.Ramesh Babu	Peristaltic Flow Of Bingham Fluid In An Inclined Tube	International Journal Of Engineering Research And Development			2019 2321-9939
17	P.Rajesh Kumar And V.Ramesh Babu	Effect Of Complete Slip On Peristaltic Transport	International Journal Of Mechanical Engineering And Technology (Ijmet)			2019 09766340, 09766359 (Scopus-IAEME)
18	S.Sredhar And V.Ramesh Babu	Peristaltic Transport Of Micro Polar Fluid Through Porous Medium In A Symmetric Channel With Heat And Mass Transfer In The Presence Of Generation And Radiation	Journal Of Emerging Technologies And Innovative Research			2019
19	S.Sredhar And V.Ramesh Babu	Effect Of Thermal Radiation And Heat Sources On Heat And Mass Transfer In Asymmetric Channels During Peristaltic Transport Of Mhd Casson Fluid Through A Porous Medium	International Journal Of Basic Science And Applied Research			2019 2279-543X
20	S.Sredhar And V.Ramesh Babu	The Combined Influence Of Thermal Radiation, Heat Sources And Chemical Reaction, Convective Heat And Mass Transfer Flow On Peristaltic Transport Of Couple	International Journal Of Scientific Research And Review"			2019 2279-543X

		Stress Fluid Through A Porous Medium In Vertical Channel				
21	S.Sridhar And V.Rameh Babu	Thermal Radiation, Heat Sources, Hall Currents On Convective Heat And Mass Transfer	International Journal Of Technical Innovation In Modern Engineering & Science (Ijtimes)			2019 24552585
22	P.Rajesh Kumar, S.Sreenadh, V.Ramesh Babu, A.N.S.Srinivas	Analysis of Peristaltic flow of vogels model of viscosity on Jeffery fluid flow in an annulus with partial slip	AIP Conference Proceedings			2020 2246, 020046

12. Books/Reports/Chapters/General articles etc.

S.No	Title	Author's Name	Publisher	Year of Publication
1.	Numerical Analysis	S.Ranganatham, MVSS Prasad, V.Ramesh Babu	S.Chand & Co	2009, 2012,2013,2014,2017
2.	Fourier series & Integral Transforms	S.Sreenadh, S.Ranganatham, MVSS Prasad and V Ramesh Babu	S.Chand & Co	2014
3.	Some Studies of Ionized and Dusty Fluid Flows	Rama Devi A V.Ramesh Babu & S.Sreenadh	Schor's Press, Berlin ,Germany	2014
4.	Proceedings of National Workshop sponsored by Dept of Science & Technology, Govt of	P.V.Arunachalam, C.Umashankar & V.Ramesh Babu	Rashtriya Sanksrit Vidyapeetha, Tirupati	2012
5.	Bhaskaracharya Virachitam LILAVATI GANITAM Vasabhasya sahitamu	P.V.Arunachalam, C.Umashankar & V.Ramesh Babu(Editors)	Rashtriya Sanksrit Vidyapeetha, Tirupat	2016

13. Any other Information :

SR/S4/MS: 670/10 dated :28, May 2010

SR/S4/MS – ACTIVITY -07/11 DATED 14, 2011

SB/S4/MS –TP: ACTIVITY -29/14 DATED 04.09, 2014

DST workshops organised

Work Shop Rs. 4,10,000

Work Shop Rs. 6,00,000

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