

KESHAV MEMORIAL INSTITUTE OF TECHNOLOGY

Narayanaguda,Hyderbad-500029

FACULTY PROFILE



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| 1. NAME | : Dr. T.V.A.P.SASTRY |
| 2. JNTUHREGISTRATIONID | : 24150 407 152155 |
| 3. DATE OFBIRTH | : 01 – 08 - 1968 |
| 4. DESIGNATION | : ASSOCIATE PROFESSOR |
| 5. YEARSOFEEXPERIENCE | : 28 |
| 6. UGDEGREE | : B.SC |
| 7. PGDEGREE | : M.SC. |
| 8. Ph.D(AREAOF THE PH.DWORK) | : Ph.D (0.U.) (FLUID DYNAMICS) |
| 9. SUBJECTS TAUGHT | : All Engineering Mathematics Subjects |

10. PAPER PUBLICATIONS IN INTERNATIONAL JOURNALS:

- i.** Impact of the permeable wall lining on the peristaltic flow of Williamson fluid in an inclined channel, International Journal of Mechanical and Production Engg. Research and Development, 12675-12688,, Vol 10 June 2020.
- ii.** Influence of Permeability lying along the wall on the Peristaltic Motion of Casson Fluid, International Journal of Dynamics of Fluids, Vol. 13, No. 2, pp. 271-283, 2017.
- iii.** Peristaltic transport of Bingham fluid in a channel with permeable walls, International Journal of Innovative Technology and Creative Engineering, Vol.2 No.1 January 2012.
- iv.** Couette flow of a Bingham fluid in an inclined channel with equally porous parallel walls, Atti Della Fondazione Giorgio Ronchi, Vol-LXV, No.1, Feb. 2010
- v.** Flow of a Power-law fluid in an inclined channel bounded by permeable beds, International Journal of Fluid Mechanics, I(2), Dec. 2009, 9-20

11. PAPER PUBLICATIONS IN INTERNATIONAL CONFERENCES:

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1	MHD of Peristaltic Transport of Sudo Plastic Fluid in a channel	SIRTE Sagar Group of Institutions during 29-30, July 2020	
2.	Unsteady flow of a Jeffrey fluid in contact with a Newtonian fluid between between two permeable beds.	Osmania University, Hyderabad, On 23 & 24 Dec. 2010	

12. PAPER PUBLICATIONS IN NATIONAL CONFERENCES:

S. No.	Title with Page Nos.	Details of Conference Publication	ISSN/ISBN No.
1.	Peristaltic transport of a Bingham fluid in a channel bounded by flexible walls	Dept. of Mathematics, S.V. University, Tirupati On 22-23, Dec. 2011	
2.	Flow of a Herschel-Bulkley fluid in a channel bounded by permeable beds.	Dept. of Mathematics, S.V. University, Tirupati On 20, March, 2009	

13. CONTRIBUTIONS AT THE DEPARTMENTAL LEVEL: H & S AMC Head,

14. CONTRIBUTIONS AT THE COLLEGE LEVEL: Maintenance committee Head

15. REFRESHER COURSES/WORKSHOPS/CONFERENCES ATTENDED:

	<u>Attended:</u>			
	Name of the Course / Summer School	Place	Duration	Sponsoring Agency
1	Five Day FDP on Mat Lab Applications in Mathematics	Ongale	15-19, June 2020	QIS College of Engg. And Tech.
2	One week FDP on Adv. Material research	Hyderabad	15-19, June 2020	Bharat Inst. Of Tech.
3	Application of Mathematics in Science and Engineering	Bhimavaram	07-11, July 2020	Vishnu Inst of Tech.
4	Two Day Online FDP on Google Apps	Bangalore	29-30, May 2020	CHRIST College of Science and Management.
5	Applications of Mathematics and Statistics for Engineering	Hyderabad	23-24, July 2010	JNTUH College of Engg.
6	National Seminar on Advances in Fluid Dynamics	Tirupati	30 May, 2013	Dept. of Mathematics, S.V. University
7	National Seminar on Recent Developments in Mathematics	Tirupati	22-23, December, 2011	Dept. of Mathematics, S.V. University
8	Two Days Conference on Contemporary Approaches in Scientific Computing	Hyderabad	29-30, August, 2017	Department of Mathematics, Osmania University.
9	National Conference on Recent Trends in Mathematics and its Applications	Tirupati	22-23, December, 2016	Dept. of Mathematics, S.V. University
10	One day seminar on Mathematical Modeling in Fluid Mechanics	Osmania University, Hyderabad	30 th November, 2011	Department of Mathematics, Osmania University.

16. MEMBERSHIP OF PROFESSIONAL BODIES: The Indian Science Congress Association, L 31410