FACULTY PROFILE

Dr. N. Maheshbabu, M.Sc., B.Ed., M.Phil., Ph. D., SET.
Assistant Professor
Department of Mathematics
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Date of Joining: 02.04.2019
Date of Joining In this Institution: 01.06.2021

Coordinator Swayam & Moocs for the Academic year 2021-22.

1. Academic accomplishments:

Sl. No	Qualifications	Specialization	University / Institution	Year of Completion
1	Ph.D.	MATHEMATICS (Fluid Dynamics)	SRI VENKATESWARA UNIVERSITY, TIRUPATI.	2021
2	SET	MATHEMATICAL SCIENCES	OSMANIA UNIVERSITRY, HYDRABAD.	2014
2	M.Phil.	MATHEMATICS	MADHURAI KAMRAJ UNIVERSITY, MADHURAI.	2007
3	M.Sc.	MATHEMATICS	S.V.U.P.G CENTRE, KAVALI	2004
4	B.Ed.	MATHEMATICS TELUGU	SIDDARTHA COLLEGE OF EDUCATION, KAVALI.	2006
5	B. A	MATHEMATICS ACCOUNTANCY STATISTICS	JAWAHAR BHARATI DEGREE COLLEGE, KAVALI.	2000

2. Area of Interest:

Calculus, Differential and Partial Differential equations, Transforms, Numerical Methods.

3. Professional / Experience: (17 Years as on June 2022)

Sl. No	Field of Experience	Institution / Organization	Nature of Appointment	From	To
1.	Education	Assistant Professor, Arignar Anna Government Arts and Science College, Karaikal – 605609 U. T. of Puducherry.	Regular	April 2019	May 2021
2.	Statisticion	Assistant Statistical Officer, (Chief Planning Office, Guntur), Vemuru – 522261, Tenali Division, Guntur, Andhra Pradesh.	Regular	Dec 2018	March 2019

3.	Education	Assistant Professor, R. S. R Engineering College, (Affiliated to J. N. T. U. A), Kadanuthala - 524142, S. P. S. R Nellore(dt), Andhra Pradesh.	Regular	April 2009	May 2018
4.	Education	Adhoc Lecturer Jawahar Bharathi degree college, (Affiliated to S. V. University, Tirupati.), Kavali, S. P. S. R Nellore(dt), Andhra Pradesh.	Adhoc Lecturer	June 2004	March 2009

4. Publications:

A. Journal Articles:

Sl. No	Title of the Paper	Journal	Volume, Issue & Page Nos. & ISSN No:
1.	An Unsteady Heat Transfer Flow of Casson Fluid through Porous Medium with Aligned Magnetic Field and Thermal Radiation	*Advances in Dynamical Systems and Applications (ADSA).*	Volume 17, Number 1, (2022), PP 157-175, ISSN:0973-5321. https://www.ripublication.com/adsa22/v17n1p12.pdf
2.	Slip and Hall effects on the peristaltic pumping of a linear viscoelastic fluid through a porous medium in a channel.	*International Journal of Mechanical and Production Engineering Research and Development (IJMPED).*	Vol. 10, Issue 3, Jun 2020, 10485–10498 ISSN(P):2249–6890; ISSN(E): 2249–8001. http://www.tjprc.org/publishpapers/2-67-1598944551-1003IJMPERDJUN20201003.pdf
3.	Influence of Hall effect on the peristaltic flow of a Carreau fluid in an asymmetric channel.	*Journal of Mathematical and Computational Science (JMCS).*	J. Math. Comput. Sci. Volume 10 (2020), No. 4, 1083-110. ISSN: 1927-5307. http://scik.org/index.php/jmcs/article/viewFile/4539/2211
4.	Effects of heat and mass transfer flow of a jeffrey Fluid through a vertical deformable porous stratum.	*International Journal of Mechanical Engineering & Technology (IJMET).*	Volume 9, Issue 10, October 2018, pp. 228–235; ISSN Print: 0976- 6340. ISSN Online: 0976-6359. https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_10/IJMET_09_10_022.pdf
5.	Genetic flow of casson fluid through a vertical deformable porous stratum with viscous dissipation and chemical reaction.	*International Journal of Mechanical Engineering & Technology (IJMET).*	Volume 9, Issue 10, October 2018, pp.846–854; ISSN Print: 0976-6340 ISSN Online:0976-6359. https://iaeme.com/MasterAdmin/Journal_uploads/IJMET/VOLUME_9_ISSUE_10/IJMET_09_10_088.pdf

B. Conferences Presented / Participated:

Sl. No	Title of the paper Presented	Title of Conference Participated	Organized by	Year	Whether International /National/State /Regional / College or University Level
1.	An Unsteady Heat Transfer Flow of Casson Fluid through Porous Medium with Aligned Magnetic Field and Thermal Radiation.	*International Virtual Conference on Mathematical and Computational Models - ICMCM'21*	Bannari Amman Institute of Technology, Sathya Mangalam, Tamil nadu	October 29th -30th 2021	INTERNATIONAL
2.	Influence of Hall effect on the peristaltic flow of a Hyperbolic tangent fluid in an inclined channel.	*1ST INTERNATIONAL CONFERENCE ON APPLIED ANALYSIS COMPUTATION AND MATHEMATICAL MODELLING IN ENGINEERING (AACMME-2021).*	NATIONAL INSTITUTE OF TECHNOLOGY (NIT), ROURKELA.	February 24th- 26th 2021.	INTERNATIONAL
3.	Slip and Hall effects on peristaltic flow of a fourth-grade fluid in a planar Channel.	*INTERNATIONAL CONFERENCE ON ADVANCES IN SCIENCE ENGINEERING AND MATHEMATICS (ICASEM 2020.)*	ANNAMA CHARYA INSTITUTE OF TECHNOLOGY AND SCIENCES, RAJAMPET.	August 7th-9th 2020.	INTERNATIONAL

5.Invited Talks or Guest Lectures:

Sl. No	Title / Guest Lecture Presented	Date of the talk	Organized by / Institution	Whether International /National / State /Regional / College or University Level
1.	Vector Differentiation.	Date: 09.07.2021	*QIS College of Engineering & Technology (Autonomous), Vengamukkalapalem-523272, Ongole, Prakasam (dt.), Andhra Pradesh.*	National

Number of Seminar/ Webinar / Conference / Workshop/ Training Courses/ Short Term Course etc., attended:

Orientation Programme – 01
International Conferences – 02
National Conferences – 02
Short Term Course – 01

Refresher Course - 01
Work Shops – 04
On line F. D. P's – 04.