

# Curriculum Vitae

## Dr. M. Venu Gopal, M.Sc, Ph.D.

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## Academic Profile

### Ph.D. Programme

- 2018-2022    📖 **Ph.D** awarded from the Department of Mathematics, Kakatiya University, Warangal, India.
- 📖 **Title of Thesis:** Study of Dispersive Behavior of Waves in Poroelastic Layers and Half Spaces.
- 📖 **Adviser:** Prof. P .Malla Reddy.

### UGC-CSIR NET

- June 2012    📖 Qualified National Eligibility Test (NET) with AIR 8 conducted by CSIR, New Delhi in June 2012.

### Post Graduation

- 2001-2003    📖 **M.Sc (Pure Mathematics)**; First division, Osmania University, India.
- 1998-2001    📖 **B.Sc. (Mathematics, Physics, Chemistry)** ; First division, Osmania University, India.

## Teaching Experience

- June 2018-till date    📖 **Department of Mathematics**, Kakatiya Government, Hanumakonda, India.
- May 2013-Jun 2018    📖 **Department of Mathematics**, Government Degree College, Adilabad, India

## RC/OC/FIP Programmes

- 1 Attended Refresher Course in “Mathematical Modelling and Simulation for Scientists and Engineers” from 02-12-2013 to 21-12-2013 at UGC-Academic Staff College, Jawaharlal Nehru Technological University, Hyderabad.

- 2 Attended Orientation Programme, from 09-04-2015 to 06-05-2015 at UGC-Human Resource Development Centre, Maulana Azad National Urdu University, Hyderabad.
- 3 Attended “One week Online Faculty Development Programme on Latex and Technical Report Writing”, from 25th to 30th May, 2020, organized by Department of Mathematics, KU.
- 4 Attended One-week online Faculty Improvement Programme “Short term course on ICT Tools in Higher Education” from 27-08-2020 to 02-09-2020 at UGC-Human Resource Development Centre, Osmania University, Hyderabad.
- 5 Attended UGC-HRDC-RUSA sponsored Faculty Improvement Programme “Online Short term course on Research process and Research design in Sciences” from 7-12 Sep 2020, organized by UGC-Human Resource Development Centre, Osmania University, Hyderabad.
- 6 Attended online Refresher Course in Mathematics from 31 August-14 September 2021, organised by the Dept. of Mathematics, TLC, Ramanujan College, New Delhi.

## **Seminars/Conferences/Work Shops/Webinars attended**

- 1 Presented a paper titled “ Transference of Love Wave in Orthotropic Stratum Resting on Heterogeneous Poroelastic Half Space in Presence of Initial Stress ” in International Virtual Conference IC-MMAC-2021 organized by the Department of Mathematics, Thiruvallavur University, Vellore, Tamilnadu, India on 8 th July, 2021.
- 2 Attended One Day National Webinar on “Concepts of Real Analysis” on 23rd November,2020, conducted by SRBGNR Govt Arts and Science College, Khammam.
- 3 Attended Three-day Orientation Programme on “Research Methodology for Science Research Scholars”, conducted by The Dean, Faculty of Sciences, Kakatiya University, Warangal, from 26-28, February 2019.
- 4 Attended Two-day National workshop on “Linear Algebra, Real Analysis and Algebra” conducted by Department of Mathematics, Kakatiya University, Warangal during 28-29 September 2018.




## **Publications**

- 1 Venugopal M., Rajitha G., and Malla Reddy P., G-Type Wave Propagation in an Initially Stressed Fluid Saturated Viscoporoelastic Layer Lying over Heterogeneous Poroelastic Half Space, *Mechanics of Solids*, Springer, **57(1)**, pp. 193-204, 2022. (SCIE, IF 0.452)
- 2 Malla Reddy P., Venugopal M., and Rajitha G., Study of SH-Wave Propagation in an Initially Stressed Triclinic Layer Sandwiched between Transversely Isotropic Elastic and Heterogeneous Poroelastic Half Spaces, *Journal of Applied Mechanics and Technical Physics*, Springer, **63(2)**, 2022. ( SCIE, IF 0.657)
- 3 Venkanna D., Venugopal M., Malla Reddy P., Study of Axially Symmetric Waves in Double Porosity Borehole Containing Fluid, *Mechanics of Solids*, Springer. (SCIE, IF 0.452)  
DOI: 10.3103/S002565442202011X

- 4 Venkanna D., Venugopal M., Malla Reddy P., Propagation of Vibrations in a Plane Angular Sector of Double Porosity Elliptic Cone, *International Journal of Applied and Computational Mathematics*, Springer. (SCOPUS) DOI: 10.1007/s40819-021-01239-4.
- 5 Venugopal M., Malla Reddy P., Transference of Love Wave in Orthotropic Stratum Resting on Heterogeneous Poroelastic Half Space in Presence of Initial Stress, *South East Asian Journal of Mathematics and Mathematical Sciences*. (UGC CARE List) (Accepted)

## Skills

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- Languages     Telugu, English.
- Coding         MATLAB,  $\text{\LaTeX}$ .
- Misc.          Academic research, teaching.

## Personal Details

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-  **Date of Birth:** 28th July, 1981.
-  **Marital Status:** Married.