Dr. Kanu Mehta
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EDUCATIONAL QUALIFICATIONS: B.Sc. (Non medical), M.Sc. (Mathematics), M.Phil, PhD.

Sr. No.	Degree	Subject	College/University	Year of Passing
1	B.Sc.	Non medical	MCM DAV college Kangra (H.P.)	2006
2	M.Sc.	Mathematics	Himachal Pradesh University	2009
3	M.Phil	Applied Mathematics	Himachal Pradesh University	2010
4	Ph.D	Applied Mathematics	Himachal Pradesh University	2016

TOTAL TEACHING EXPERIENCE:
Teaching Experience at St. Bede's College: 2 years

SUBJECTS TAUGHT
UG: Differential Equations, Algebra, Vector Calculus, Numerical methods, Transportation and Game theory, BCA (Mathematics), Quantitative techniques (BBA), Biostatistics, Mathematics statistics.

OTHER RESPONSIBILITIES
Member:
Ship-Himmat, IQAC Criteria 2

ACHIEVEMENTS
❖ PUBLICATIONS
➢ Paper Publications

- **Vaid, K**., Prakash, J., 'On Linear Growth Rates in Thermohaline Convection with Viscosity Variations', *Res. J. Sc. Tech*., **5(1)**,140-143(2013) ISSN-0975-4393.

- **Vaid, K**., Prakash, J., andBala, R.,'On Hydromagnetic Thermohaline Instability in Porous Medium: Darcy Model', *Proceedingsof National Conference on Advances In Mathematics and Its Applications*, *NIT Hamirpur (H.P.)*, 84-90, (2013) ISBN-978-93-83083-22-0.

- **Vaid, K**., Prakash, J., and Bala, R.,'On Stationary Convection of an Oscillatory Motions in Maxwell Fluid in a Porous Medium Heated from below(The case of Hydrodynamic Boundary and Constant Flux Conditions)',*Proceedings of National Conference on Advances In Mathematics and Its Applications, NIT Hamirpur (H.P.),* 91-95,(2013) ISBN-978-93-83083-22-0.

- **Vaid, K**., Prakash, J., 'Characterization of Magnetorotatory Thermohaline instability in Porous Medium: Darcy Brinkman Model', *Int. J. Innov. Res. Sc. Eng. Tech.*,**2(12)**, 7266-7272, (2013)ISSN: 2319-8753

- **Vaid, K**., Prakash, J., Bala, R.,and Kumar,V., 'Characterization of Rotatory Thermohaline Instability in Porous Medium: Darcy Model', *Proceedings of the Fortieth National Conference on Fluid Mechanics and Fluid Power,* 2013, FMFP 2013-311,1161-1168, ISBN:978-93-82880-90-5.

- **Vaid, K**., Prakash, J., Bala, R.,and Kumar,V.,**'**On Arresting the Linear Growth Rate of a Maxwell Fluid in a Porous Medium Heated from Below',*Proceedings of the Fortieth National Conference on Fluid Mechanics and Fluid Power*, 2013, FMFP 2013-312, 1169-1176, ISBN:978-93-82880-90-5.

- **Vaid, K**., Prakash, J., and Bala, R.,'Upper Limits to the Complex Growth Rates in Triply Diffusive Convection', *Proc. Ind. Nat. Sc. Acad*., **80(1),** 115-122,(2014).

- **Vaid, K**., Prakash, J., and Bala, R.,'Characterization of Magnetorotatory Thermohaline Instability in Porous Medium: Darcy Model', *Int.J. Tech*., **4(1),**32-36,(2014), ISSN:2231-3915
- **Vaid, K**., Prakash, J., Gupta, S.K., and Bala, R.,'A Semicircle Theorem in Triply Diffusive Convection', *Int. J. Tech*., **4(1),** 210-213, (2014) ISSN:2231-3915.
- **Vaid, K**., Prakash, J., and Bala, R.,'On the Principle of the Exchange of Stabilities in Rotatory Triply Diffusive Convection', *Proc. Nat. Acad. Sc., Physical Sciences, India, (Springer)*,**84(3)** 433–439, (2014) ISSN: 0369-8203.
- **Vaid, K**., Prakash, J., and Bala, R.,'On the Characterization of Non Oscillatory Motions in Magnetorotatory Triply Diffusive Convection, *Proc. Ind. Nat. Sc. Acad*., **80(2),** 197-209,(2014).
- **Vaid, K**., Prakash, J.,'On Hydromagnetic Thermohaline Instability of Veronis Type in Porous Medium', *Int. J. Math. Arch*. **5(8)**, 129-134,(2014),ISSN 2229 – 5046.
- **Vaid, K**., Prakash, J., and Bala, R.,'On the Characterization of Non Oscillatory Motions in Triply Diffusive Convection', *Int. J. Fluid Mech. Res.(Begell House)*, **41(5)**, 409-416,(2014),ISSN 1064-2277.
- **Vaid, K**., Prakash, J., and Bala, R., 'Upper Limits to the Complex Growth Rates in Magnetorotatory Triply Diffusive Convection', *Proc. Nat. Acad. Sc., Physical Sciences, India (Springer)*, **85(1),**87–97(2014), ISSN 0369-8203.
- **Vaid, K**., Prakash, J., and Bala, R.,'On Hydromagnetic Thermohaline Instability in Porous Medium', Recent Trends in Algebra and Mechanics, Indo American Books, (2014), 121-130 (Delhi).ISBN 93-82661-23-9
- **Vaid, K**., Prakash, J., and Bala, R.,'On Arresting the Complex Growth Rates in Triply Diffusive Convection', Recent Trends in Algebra and Mechanics, Indo American Books, (2014), 291-298 (Delhi). ISBN 93-82661-23-9
- **Vaid, K**., Prakash, J.,Manan, S., and Singh, V.,'On Rotatory Hydrodynamic Triply Diffusive Convection in Porous Medium: Darcy Model', *Res. J. Eng. Tech*., **6(1)**, 19-22 (2015).

- **Vaid, K**., Prakash, J., and Bala, R.,'On the Characterization of Magnetohydrodynamic Triply Diffusive Convection', *J. Magn. Magn. Mater. (**Elsevie**r)*, **377**,378–385(2015).

- **Vaid, K**., Prakash, J.,Manan, S., andKumar, R., 'Characterization of Triply Diffusive Convection', *Int. J. Extensive Res*., **3,** 87-92, (2015) ISSN: 2394-0301.

- **Vaid, K**., Prakash, J.,'Characterization of Rotatory Thermohaline Instability in Porous Medium: Darcy Brinkman Model', *Adv. Apl. Sc. Res.*, **6(6)**,153-158,(2015)ISSN: 0976-8610.

- **Vaid, K**., Prakash, J., and Bala, R., 'On Arresting the Complex Growth Rates in Magnetohydrodynamic Triply Diffusive Convection', *International Journal of fluid Mechanics Research*, **42(5)**, 391-403,(2015) ISSN:2152-5102.

- **Vaid, K**., Prakash, J., Bala, R. and Kumar, V.,'Characterization of Rotatory Hydrodynamic Triply Diffusive Convection', *ZAMP (Z. Angew. Math. Phys.)(Springer),***66(5),** 2665-2675,(2015)ISSN: 1420-9039.

- **Vaid, K**., Prakash, J., Bala, R. and Kumar, V., 'On Arresting the Complex Growth Rates in Rotatory Triply Diffusive Convection', *AAM*, **11(2),** 722-734(2016),ISSN:1932-9466.

❖ Paper Presentations

- Presented a paper in International Conference in "Mathematical Sciences", held at Govt. College Haripur, Manali, 8-9 march, 2013.

- Presented a paper in National Conference on "Recent Advances in Continuum Mechanics", held at Himachal Pradesh University Shimla, 29-30 march,2013.

- Presented papers in National Conference on "Advances in Mathematics & its Applications", held at NIT Hamirpur, 25-27 June 2013.

- Presented papers in 40th National Conference on "Fluid Mechanics & Fluid Power", held at NIT Hamirpur, 12-14, Dec 2013.

- Presented a paper in International Conference on "Advances on Pure and Applied Mathematics", held at Govt. College Haripur, Manali, March 7-9 2014.

- Presented a paper in International Conference in "Algebra and Allied Fields", held at Himachal Pradesh University Shimla, 26-27 march, 2014.
- Presented a paper in National Seminar on "New Dimensions in Mechanics and Allied Fields", held at Himachal Pradesh University Shimla, 27-28, Nov, 2015.

❖ Participation in Conferences and Seminars

- Attended a National Conference on Algebra at Himachal Pradesh University Shimla, 27-28 March, 2012.
- Participated in an International Conference in Mathematical Sciences held at Govt. College Haripur, Manali, 8-9 March, 2013.
- Participated in a National Conference on Recent Advances in Continuum Mechanics", held at Himachal Pradesh University Shimla, 29-30 March, 2013.
- Participated in National Conference on Advances in Mathematics & its Applications, held at NIT Hamirpur, 25-27 June 2013.
- Participated in 40th National Conference on Fluid Mechanics & Fluid Power held at NIT Hamirpur, 12-14, Dec 2013.
- Participated in International Conference on Advances on Pure and Applied Mathematics", held at Govt. College Haripur, Manali, March 7-9 2014.
- Participated in an International Conference in Algebra and Allied Fields held at Himachal Pradesh University Shimla, 26-27 March, 2014.
- Participated in National Seminar on New Dimensions in Mechanics and Allied Fields held at Himachal Pradesh University Shimla, 27-28, Nov, 2015.
- Attended an International Conference on Algebra and Continuum Mechanics at Himachal Pradesh University Shimla (2018).
- Attended an International workshop on "Geometry of Continued Fractions :Ramanujan and his Successors" on September 14-15, 2020.
- Attended International workshop on "Srinivasa Ramanujan: The Man Beyond Infinity" on December 22, 2020.