

Profile of Our Principal



Name : **Dr. Chander Bhan Mehta**

Name of Father : **Late Sh. K.R. Mehta**

D.O.B. Date of Birth : **06/03/1965**

Address : **Plot No. 7 Phase –2, Housing Board Colony Sanjauli, Shimla-171006, H.P. INDIA.**

Qualification : **M.Phil from Himachal Pradesh University, 1990, Ph.D. in Mathematics (Hydrodynamics) from Himachal Pradesh University, 2005 M.Phil. in Chemistry from H.P. University 1985. M.Sc. Chemistry from H.P. University 1983**

Service in Govt. Department (Education)

1. 1st Appointment 31st January, 1986 on regular basis as Lecturer in Chemistry at Govt. College Sarkaghat.
2. Govt. College Kullu Lecturer in Chemistry 06/09/1991.
3. Govt College RKMV Lecturer in Chemistry 24/04/2001.
4. Govt. College Sanjauli Lecturer in Chemistry 31/07/2007.
5. Join at Govt. College RKMV Lecturer in Chemistry 02/06/2010.
6. Join at Govt. College Reckong Peo Principal (College) 18/09/2012.
7. Join at Govt. College Nahan Principal (College) 01/02/2013.
8. 11th May, 2017 to 10th July, 2018 as Principal at Centre of Excellence, Govt. College Sanjauli, Shimla-171006, H.P.

Research Guidance

Guided three students for successful completion of M.Phil. as following:

- Thermosolutal Instability of Compressible Rivlin-Ericksen Fluid. Dalip Kumar, Enrollment No. 6MMH 1330036, Periyar University, April, 2007.
- Thermosolutal Convection in Compressible, Couple-Stress Fluid, Lokesh Gupta, Enrollment No. 6MMH 1330036, Periyar University, April, 2007.
- Thermosolutal Convection in Compressible, Rotating Couple-Stress Fluid in the presence of Magnetic Field Paramjit Singh Chandel, Regd. No. 603033070485, Vinayaka Mission University, Salem, June, 2008.
- Guiding Mr. Susheel Kumar for Ph.D. from Dravidian University with Reg. No. 03109212012 Topic of his Research is Thermal instability problems of Non Newtonian & Newtonian fluids in Porous Mediums.

Research Publications

Published Papers

1. Unsteady Two Dimensional Axisymmetric Flow Between Infinite Parallel Disks, Ganita, Vol. 45, 1994
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2. Double-Diffusion Convection in Compressible Walters B Electro-viscous Fluid in Hydrodynamics, Indian J. Phys. Vol. 77B(6), 657-661, 2003.
3. Instability of Compressible Rivlin-Ericksen Fluid in the Presence of Hall Currents, Vijnana Parishad Anusadhan Patrika, Vol. 47(I), 2004.
4. Thermosolutal Convection in compressible, rotating, couple-stress fluid, Indian J.Phys. Vol. 79(2) 161-165, 2005.
5. Thermosolutal convection compressible, Rotating Couple-Stress Fluid in the presence of Magnetic field. Pelagia Research Library 2012, 3(6) 3059-3468.
6. Thermal Instability of Magneto Rotatory Compressible Couple-Stress Fluid, International Journal of Physical and Mathematical Sciences Vol 4 No. 1 (2013)480-485.ISSN:2010-1791.
7. On Compressible Couple-Stress fluid Heated and Soluted Below in Prou Medium in Presence of Rotation and Magnetic Field, Journal of Mechanical Engineering and Technology, June, 2013, Vol.1 ISS. 1 PP.21-33.
8. Hall Effect on B'enard convection of Compressible Visco-elastic fluid through porous medium, "Journal of Fluids" Vol 2013 Art 1b, 910531.
9. Thermosolutal Convection in Compressible couple-stress Fluid with Fine dust, International Journal of Technology Vol.04, 140-144.
10. Hydrodynamic and Hydromagnetic Stability of Superposed Rivlin-Ericksen Elastico-Viscous Fluid of Different Permeability with Porous Medium May 2014, Vol 2 ISSN 1 PP 13-19.

Memberships: -

Member of The Indian Science Congress Association membership No A4262.

Life member of Ramanjun Mathematical Society membership No. 788

Books: -

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1. A text book Mathematics BCA-2nd Year H.P. Syllabus.
 2. Spectrum Calculus for I semester of BA/B.Sc-I Course.
 3. Spectrum Hydrostatics 4th Semester of BA/B.Sc Course.
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Curricular Activities

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1. Attended Orientation Programme for Academic Counselors organized by IGNOU Regional Centre Delhi from 6th to 7th January, 1994.
 2. Attended Foundation Course for Gazetted Officers at Himachal Pradesh Institute of Public Administration from 30th January, 1995 to 25th February, 1995.
 3. Attended Training Programme on Computer Awareness for college lecturers at Himachal Pradesh Institute of Public Administration from 6th to 10th January, 1997.
 4. Attended Refresher Course for college and University lecturers at ASC, Himachal Pradesh University w.e.f. 17th April, 1995 to 6th May, 1995.
 5. Attended AIDS Education Training w.e.f. 27th January, 1996 to 30th January, 1996 at Institute for Development communication (IDC) Chandigarh.
 6. Attended Orientation programme for College and University Lecturers organized by ASC Himachal Pradesh University from 22nd March to 28th March 1998.
 7. Attended one day seminar on **FEDERTED SEARCH ENGINES** organized by Satkal Trust Punjab and Indian Institute of Advanced Studies on April, 2011.
 8. Attended two days Education Enclave organized by Ashadeep at Gaiety Theater on 26th-27th August, 2010.

9. Attended one day seminar on **HUMAN RIGHT DAY** on 10th December, 2010 at Govt. College Theog (H.P.).
10. Participated and presented a paper in National Seminar on corporate Social Responsibility and Business Ethics for Good Corporate governance at R.K.M.V. Shimla on 4th -5th June, 2011.
11. Participated in National Seminars on Algebra and its Application on 26th & 27th March organized by H.P.U.
12. Participated in National Seminar on Recent Trends in Continuum Mechanics on 28th & 29th March 2011 organized by H.P.U.
13. One day interactive Seminar on Student Charter of Himachal Pradesh University December 18, 2012.
14. Participated and presented paper in National Conference on “Governance Neo-Liberal Era 30th June – 1st July, 2012.
15. National Seminar on “Impact of Disasters on Economic Development” organized by Disaster management Centre on 5th May, 2012 at HIPA.
16. Attended Youth Seminar on concern related to local and Global Environmental Degradation on 2nd & 3rd November, 2011 at SHIMLA.
17. Participated in the 27th Annual Conference on Ramajun Mathematical Society hosted by Shiv Nadar University held at Delhi from 20th – 23rd October, 2012.
18. Presented paper in International Seminar on Mathematical Science ICM 2013 on 8th & 9th March, 2013 in Manali (H.P.).
19. Presented paper in National Seminar in Fluid Mechanics at Himachal Pradesh University on 28th & 29th March, 2013.
20. Presented paper in 101 Indian Science Congress held in Jammu on 3rd February, 2014 to 7th February, 2014.
21. Chaired and Presented paper titled Thermosolutal Convection in Compressible Couple-Stress Fluid with fine dust in International Conference (ICAPM-2014) held in Manali from 7th to 9th March, 2014.
22. Presented paper titled Stability of two Superposed Porous Elastico-Viscous Fluids in International Conference ICMES-2014 held in Chitkara University on March, 20-22nd 2014.
23. Presented paper in International Conference held in HPU Shimla on March 26th -27th 2014.
24. Attended one day workshop on RUSA & IQAC held at GDC Bilaspur (HP) on 28th March, 2014.
25. Chaired and Presented National Seminar on Advances in applied Mathematics and Mechanics at Sidharth GC Nadaun, H.P. (NSAAMM-2015) Thermosolutal convection in Compressible Walters Fluid.
26. Presented National Conference on 18th Sept. 2015 Higher Education: Issues and Challenges 18-19 Sept.2015.
27. Presented 17th ISME Conference on Advances in Mechanical Engineering Organized by Department of Mech. Engineering IIT Delhi 3-4 October 2015.
28. Chaired and Presented International Conference on मीडिया और सम-सामयिक समीकरण by Think Media 2015 on 5-6 October 2015.
29. Chaired and Presented National Seminar on New Dimensions in Mechanics and allied Fields 2015 27-28 Nov. 2015.

Paper Published in Proceeding of Conference.

1. Instability of Stratified Walters’B Fluid in Porous Medium in the Presence of Suspended particles and Magnetic Field, International Journal of Physical and Mathematical Sciences Vol 4 No.1 (2013): ISSN:2010-1791.
 2. Effective Interfacial Tension effect on the instability of streaming Rivlin-Ericksen Elastico-Viscous Fluids in Porous Medium, International Journal of Technology Vol.04, 163-167.
 3. Stability of two superposed Porous Elastico-Viscous Fluid, Mathematical Sciences Vol.03 238-240.
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4. Thermosolutal Convection on Uniform Magneto-Rotatory Compressible Couple-Stress Fluid. Proceeding of the 17th ISME Conference ISME17, October 3-4 2015 IIT Delhi, New Delhi,
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Research Article

1. Rayleigh Taylor Instability of two rotating maxwellian superposed fluid with variable magnetic field in porous medium Research Journal of Science and Technology “J” January-March 65-71.
 2. Thermosolutal Convection in Corrpessible Couple-Stress Fluid With Fine Dust. International J. Technologies Jan-June 2014 Vol.G Issue-I ISSN 2231-3907 (Print) ISSN 2231-3915 (Online)
 3. Hydrodynamic and Hydromagnetic Stability of two superposed Elastco-Viscos Fluid of Different Permeability with Dust in Porous Medium.
 4. Thermosolutal Convection in Compressible Waltter’B Elastico-Viscous Fluid in the Presence of Magnetic Field and Rotation in Porous Medium, Research. J. Enginerign and Tech 6(1) ISSN 0976-2973.
 5. On Uniform Magneto-Rotatory Double-Difference Convection in Compressible Couple-Stress Fluid Research J. Engineering and Tech 6(1) Jan-Mar 2015 PP 155-163
 6. Int. J. of Applied Mechanics and Engineering 2015 pp 407-416 Vol. 20, NO. 2 pp.
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Conferences and Seminar

Personal Profile

Father’s Name: Sh. K.R. Mehta
Languages Known: Hindi, English
Religion: Hindu
Nationality: Indian

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Date : _____

Place : Shimla

(Dr. C.B. Mehta)