Curriculum Vitae

Name in full: Dr. Chandreshwar Thakur

Designation: Professor and Head

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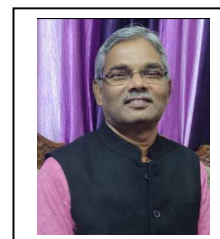
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Address for correspondence
Professor and Head
Department of Mathematics
B.I.T. Sindri, Dhanbad
JHARKHAND (828123).
Details of educational qualification:

Sl No.	School/College	Name of Board/University	Examination passed	Class/ division	%of marks	Year of passing
(i)	High school Malahi, East champaran	Bihar Secondary School Examination Board ,Patna.	Matriculation	First division	67.3%	1977
(ii)	L.S. college, Muzaffarpur	Bihar University, Muzaffarpur.	I.Sc.	First division	62.3%	1979
(iii)	L.S. college, Muzaffarpur	Bihar University, Muzaffarpur	B.Sc. (MathematicsHonours)	First class	63.83 %	1981
(iv)	P.G. Department of Mathematics, Bihar university Muzaffarpur	Bihar University, Muzaffarpur	M.Sc. (Mathematics)	First class	64%	1984
(v)	Department of Mathematics, Faculty of science,B.H.U. Varanasi,U.P.	Banaras Hindu University, Varanasi, U.P.	Ph.D	Awarded	_	1992

Details of employments:

Sl. No.	Organization/Institute	Position held	Nature of duties/ work	Date of joining	Date of leaving	scale of pay
1.	B.I.T. Sindri Dhanbad, Deptt. of Science and Technology, Government of Jharkhand.	Professor	Regular	20.03.2013	continue	37400-67000 AGP-10000
2.	B.I.T. Sindri Dhanbad, Deptt. of Science and Technology, Government of Jharkhand.	Associate Professor	Regular	11-8-2000	19.03.2013	. Rs. 12000-420-18300.
3.	Birla Institute of Technology, Mesra Ranchi ,Jharkhand.	Assistant Professor (Lecturer)	Regular	24-3-1994	10-8-2000	RS. 8000-275-13500.
4.	M.M.M. Engg. College Gorakhpur, Government of U.P.	Lecturer	Ad-hoc	31-7-1990	23-3-1994	Consolidated Rs. 4000=00. Rs. 2200-4000

Academic Experience (U.G. and P.G.)

(a) Lecturer : 31st July to 1990 to 10th August 2000 (**More than 10 years**)

(b) Associate Professor : 11th August 2000 to19.03.2013 (**More than**1**2 years)**

Professor: 20.03.2013 to till date

Ph. D. supervision work:

Guided Sri Manoj Kumar ,Lecturer ,Department of Physics,K.O. college Gumala, Jharkhand as research scholar for Ph.D degree in VinobaBhave University, Hazaribag. **Ph.D. Degree awardedin 2008.**

List of published /accepted research papers in National and International journals:

National Journals

1. Solution of Non-Newtonian MHD Transverse fluid flows through Porous Media, Proceedings of 57th Congress of the Indian socity of theoretical and Applied Mathematics(ISTAM), held in DIAT, Girinagar, **Pune(17th-20th Dec., 2012), 13-21**.
2. On steady plane MHD viscous fluid flow through porous media, International Journal of Mathematical Archive, **vol.3(6),2438-2444, 2012.**

3. Some exact solutions of second grade aligned magneto-hydrodynamic flow in porous media, International Journal of Mathematical Archive, **vol. 2(4), 589-601,2011.**

4. Closed form solutions of second grade aligned MHD fluid flow having prescribed current density distribution. INT. J. APPL. MATH. And MECH. **vol.7(15), 1-15,2011.**

5. Hodograph transformation method in MHD Non –Newtonian fluid. Bull. Cal. Math. Soc., **Vol. 101, 2009(India).**

6. Martin's method applied to constantly inclined viscous MHD Flows through porous media. Bull. Cal. Math. Soc. **Vol. 100(2), 101-114, 2008 (India).**

7. Plane rotating viscous MHD flows through porous media. Pure And Applied Mathematika Sciences. **Vol. LXVII, 1-2 March, 2008 (India).**

8. Geometrization of Magneto-hydrostatic equilibria. Bull. Cal. Math. Soc. **Vol. 99 (1), 79-88,2007(India).**

9. Exact solution of steady plane orthogonal MHD flows through porous media. Bull. Cal.Math. Soc. **Vol.98(6),583-596, 2006(India).**

10. A solution of steady plane orthogonal MHD fluid flows. Pure and Applied Mathematika Sciences. **Vol LX, 1-2 ,September 2001 (India)**

11. Study of variably inclined MHD flows throughMHD porous media in magnetograph plane. Bull. Cal. Math. Soc.**V0l.92(1),39-50, 2000 (India).**

12. Hodograph transformation in constantly inclined two phase MHD flows. Indian J. Pure. Appl. Math. **Vol.20(7) P.728, 1989(India).**

International Journals

1. Geometry of Magneto-hydrostatic equilibria**. Astrophysics and space science, **Vol 192, P. 75,1992(U.K.)**

2. An exact solution of two dimensional steady MGD flow. *Astrophysics and space science, Vol.163, p. 211,1990(U.K.).*

3. Solution for steady plane orthogonal MHD flows**. International journal of theoretical physics,Vol**. 29, No. 7, P. 773 ,1990(U.S.A) .**

4. Two phase MHD flows in orthogonal curvilinear coordinate system. International journal of theoretical physics, **Vol.29, No. 9 p. 1029,1990(U.S.A.).**

5. Some geometrical properties of magnetogeostrophic flows. Astrophysics and space science**, Vol. 151,P. 307, !989(U.K.)**

6. A class of exact solution of magnetohydrostatics.Plasma physics and controlledfusion, **Vol. 31, No.12,P. 1945, 1989 (U.K.).**

7. Geometrization of two-phase magneto-fluid flows in a rotating system. International journal of theoretical physics**, Vol.27,No.10,P. 1425,1988(U.S.A.)**

8. The geometry of two- Phase Magneto-fluid flows in a rotating system. Astrophysics and space science, **Vol.149,P.83,1988(U.K.)**

9. On steady rotating hydromagnetic flows. 89,1988(U.K.) Astrophysics and space science, **Vol. 146,p.89, 1988(U.K.)**

Paper published in proceedings

1. Plane unsteady MHD aligned Non –Newtonian fluid flows. Proceeding of National seminar on Environmental issue on Geotechnics and Mineral industry. Jointly organized by SPFU Jharkhand, Ranchi and BIT Sindri, Dhanbad **fromApril,4-5 2008 at BIT Sindri Dhanbad.**
2. Streamlines geometry of a dusty fluid in rotating MHD Flows. Proceeding of The mathematical society, **BHU Varanasi, Vol. 3 P.73, 1987.**

Short term courses attended :

1. Participated in Technical Education Quality Improvement Programme one week Trainingon **Pedagogy** from Aug. 10.2008 to Aug. 14 . 2008 at BIT Sindri, Dhanbad**. (ONE WEEK)**
2. Short term course on "Certified PLC Programming" held from April 07- 12, 2008 at BIT Sindri under TEQIP program .**(ONE WEEK)**
3. Short term course on "Programming in C++" in National Institute of Technical Teachers Training and Research (NITTTR) , Kolkata from 25-02-2008 to 29-02-2008 **(ONE WEEK).**
4. Short term course on " Programming in C++"in National Institute of Technical Teachers Training and Research (NITTTR), Kolkata from 18- 06- 2007 to29-6 2007(**TWO WEEKS)**
5. Winter school on "Modeling, Computing and Simulationin Engineering" organized by Department of Mathematics, I.I.T. Madras from 25-12-2006 to 29-12-2006, phase IIb, **(ONE WEEK).**
6. Participated in Management Development Program on "Human Resource Information System" held during December 05- 08, 2006 at MDP centre XLRI Jamshedpur. **(ONE WEEK)**

Seminars and Conferences attended:

1. Attended and presented a paper entitled " An exact solution of aligned MHD flow using Martin's method" in 53rd congress of STAM 2008(An International Meet) held in Osmania University , Hydrabad from 27 Dec. to 30 Dec. 2008.
2. Attended and presented a paper entitled "Plane unsteady MHD aligned Non – Newtonian fluid flows" in National seminar on Environmental Issue on Geotechnics and Mineral Industries **fromApril 4-5 ,2008 at BIT Sindri, Dhanbad.**
3. Attended the National Workshop on Industry Institute Interaction (NWIII**) from 13-14 July 2007 at BIT Sindri, Dhanbad.**
4. Attended and presented a paper entitled "Plane rotating viscous MHD flows through porous media" in National Seminar on Recent Advantage in Theoretical and Applied Seismology conducted by Department of Mathematics **of Indian School of Mines University, Dhanbad from 21-22 March ,2007.**
5. Attended and presented a paper entitled" Exact solutions of Steady plane MHD flows through porous media" in National Seminar on Recent Advantage in Theoretical and Applied Seismology conducted by the Department of Mathematics **of Indian School of Mines ,Dhanbad from 20-21 March, 2006.**
6. Attended and presented a paper entitled" Orthogonal MHD flows through porous media in Hodograph Plane" in National Seminar on Recent Advantage in Theoretical and Applied

Seismology conducted by the Department of Mathematics of **Indian School of Mines ,Dhanbad from 3-4 March, 2005.**

7. Attended and presented a paper entitled" A solution of Steady Plane Orthogonal MHD flow" in International Conference on Geometry,Analysis, Fluid Mechanics and Their Application held on **January 15-17 ,2000 in the Department of Studies in Mathematics, Kovempu University.Simoga, Karnataka,India.**

8. Attended and presented a paper entitled "Geometrization of Magnetohydrostatic Equilibria" in 60th Annual conferenceof Indian Mathematical Society, held in the **Department of Mathematics, University of Poona, from December 27-30, 1995.**

Membership of the Professional Society:

Life Member, Indian Society of Technical Education.

Review work:

1. Reviewed a research paper of 6th Annual Conference of *Vijana Parisad of India in1996.*

2. Reviewed a research project submitted in *International Science Foundation U.S. A. in1993.*

3. Reviewed a research paper *of Canadian Journal of Physics (CANADA) in 1992.*

4. *Delivered lecture in UGC-Academic staff college,Ranchi University* on 29-2 -2004

Worked as *Head of Department of Mathematics, BIT Sindri f*rom 1-11-2003-Feb., 2017.

Working as Head of *of Department of Mathematics, BIT Sindri, f*rom March, 2021-Till Now.

Other Activities in the Institute:

1. Hostel Superintendent from 01- 01-2004 to 09- 7 -08.
2. Coordinator , Computer Lab. of Department of Mathematics, from 1-11-2003.-Dec.,2017
3. Dean, Faculty Affairs, BIT Sindri from 01-10-2020 to 30-09-2022.
4. Prof-In-Charge, Examination, BIT Sindri, 2015-2017.
5. Chief Counsellor, BIT Sindri

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