

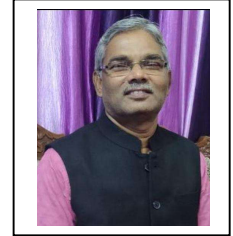
# Curriculum Vitae

Name in full: DR CHANDRESHWAR THAKUR

Designation: Professor and Head

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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. (Mathematics Honours)	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

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**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, Dept. 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: 31<sup>st</sup> July to 1990 to 10<sup>th</sup> August 2000 (**More than 10 years**)

(b) Associate Professor: 11<sup>th</sup> August 2000 to 19.03.2013 (**More than 12 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 Vinoba Bhave University, Hazaribagh. **Ph.D. Degree awarded in 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 57<sup>th</sup> Congress of the Indian society of theoretical and Applied Mathematics (ISTAM), held in DIAT, Girinagar, **Pune (17<sup>th</sup>-20<sup>th</sup> 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.**

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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 through MHD porous media in magnetograph plane. Bull. Cal. Math. Soc. **Vol.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 magneto-hydrostatics. Plasma physics and controlled fusion, **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.)**

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### **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 **from April, 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 Training on **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 to 29-6 2007**(TWO WEEKS)**
5. Winter school on “Modeling, Computing and Simulation in 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 53<sup>rd</sup> congress of STAM 2008(An International Meet) held in Osmania University , Hyderabad 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 **from April 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.**

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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 60<sup>th</sup> Annual conference of 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 6<sup>th</sup> Annual Conference of **Vijana Parisad of India in1996.**
2. Reviewed a research project submitted in International **Science Foundation U.S. A. in 1993.**
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** from 1-11-2003-Feb., 2017.

**Working as** Head of *of Department of Mathematics, BIT Sindri*, from 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

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