

CURRICULUM VITAE

Name :- **Dr. Md. Fakhruddin Ansari**
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Education Qualifications

Sl. No.	Course	University	Institute	Year of Passing	% of marks	Specialisation
1.	B. Tech.	Patna University	B.C.E., Patna	1984	71.2	Electrical Engg.
2.	M. Tech.	Ranchi University	R.I.T., Jamshedpur	1997	CGPA 7.23	Power Electronics
3.	Ph.D.	V.B.U., Hazaribagh	B.I.T., Sindri	2008	-	Electrical Engg.

Works Experience

Sl. No.	Organisation	Designation	Period
1.	Govt. Polytechnic Aditypur Jamshedpur	Lecturer	17.10.1987 to 17.05.1993
2.	B.I.T. Sindri	Lecturer	18.05.1993 to 16.10.1995
3.	B.I.T. Sindri	Lecturer (Sr. Scale)	17.10.1995 to 09.11.2001
4.	B.I.T. Sindri	Asstt. Prof. / Assoc. Prof.	10.11.2001 to 08.02.2012
5.	B.I.T. Sindri	Professor	09.02.2011 Continued
6.	Maulana Azad College of Engg. & Technology, Patna	Director	19.12.2012 to 18.12.2015 (Through lien)
7.	Katihar Engg. College, Katihar	Principal	04.08.2016 to 27.08.2018 (through Lien)
8.	Purnea College of Engg., Purnea	Principal (In-charge)	Through Lien
9.	Bhagalpur College of Engg., Bhagalpur	Principal	From 28.08.2018 to 08.07.2019
10.	B.I.T Sindri (joined at 09.07.2019)	Professor	Till date

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|---|---|----|
| 1. Number of M.Tech passed students | = | 10 |
| 2. Number of Ph.D. Students enrolled | = | 04 |
| 3. Number of Students acquired Ph.D. degree | = | 02 |
| 4. Number of Ph.D. thesis evaluated | = | 15 |

Research Publications :

- **“Reliability and maintenance of Excavation and Transportation subsystems in a large open cast mine”** Proceedings on International Conference and Workshop on competitive edge, 5-7 Jan., 2007. The 39th Annual Convention of Operational Research Society of India, Kolkata.
- **“Reliability analysis of mine Excavators under various combinations”** CMTM Vol. 12, No. 1&2, Jan-Feb., 2007, IICM Ranchi.
- **“Failure Trend Analysis of Mining Shovels”** Minetech, Vol. 30 No. 2 April-June, 2009, CMP&DIL, Ranchi.
- **“Maximum Power Point Tracking for Grid connected photovoltaic System using sliding mode observer”** National Conference on Industrial Electronics and Embedded Systems March 07-08, 2009, Bhiwani, Haryana.
- **“Sensor-based, Web Service-Enabled, Emergency Medical Response System”** Proceedings in World Environment Day Seminar, 05 June, 2009, BIT Sindri.
- **“An Aspect of Emerging Trends of Renewable Energy Across the Globe”** Proceedings in World Environment Day Seminar, June 05, 2009, BIT Sindri.
- **“Optimal Reliability of Shovel-Dumper combination operating in large open cast mines”** CMTM Vol. 14, No. 1 Jan-April, 2010, IICM Ranchi.
- **“Prevalence of Noise-Induced Hearing Loss in Coal Mining, electronic diagnostic and its Management”** International Journal for Electro Computational World Knowledge Interface, Vol. 1 Issue 3, Nov, 2011, Technology and Research Journal Publication India.
- **“Occupational lung diseases, A study of Prevalence in Coal Mines of Jharkhand State, its electronic diagnostic and e-governance of health care”** International Journal for Electro Computational World Knowledge Interface, Vol. 1 Issue 3, Nov, 2011, Technology and Research Journal Publication India.
- **“Efficient Generation of Electricity by Photovoltaic Systems for Water Pumping in Rural Areas”** International journal of Electronics Engineering, 3(2) Series Publications, ISSN:0973-7383.
- **“Maximum Power Point Tracking using perturbation and observation as well as incremental conductance algorithm”** International Journal of research in Engineering & applied Sciences, Volume 1, Issue , Dec, 2011, ISSN : 2294-3905.
- **“A review of EMG recording technique”** International Journal of Engineering Science and Technology, Volume 4, Issue 2, Feb., 2012, pp 530-539.
- **“A review of EMG Recording Technique and Biofeedback”** International Journal for Electro Computational World Knowledge Interface, Vol. 1, Issue 6, April 2012, pp. 11-19.
- **“A Review of Occupational Health Hazards Electronic Diagnostic and e-governance of Health Care of Miners in Coal Mines”** Minetech CMP&DIL Ranchi, Vol. 33, Issue 2, June 2012, pp 30-40.
- **“Design of a low cost ECG System”** International Journal of Electronics Communication and Instrumentation Engineering Research and Development (IJEIERD) ISSN 2249-684 X, Vol. 3, Issue 1, March 2013, pp 19-30, Impact factor 2.98.
- **“Analysis and Design of Grid connected Photovoltaic System”** International Journal of Electrical Engineering and Technology (IJEET), ISSN 0976-6545, Vol. 3, Issue 2, July-Sept., 2012, pp 69-75.

- **“A Review of EMG recording Technique and Feedback”** International Journal for Electro Computational World Knowledge Interface, Vol.1, Issue 6, April, 2012, ISSN No. 2249-541x, pp 11-19.
- **“A new Algorithm for Numerical Distance Protection of Series Compensation T-model Transmission Line”**, International Journal of Electronics Engineering, ISS No. 0973-7383,4(2) 2012, pp 221-223.
- **“A review of EEG Recording Techniques”** International Journal of Electronics Communication Engineering and Technology, Vol. 3, Issue 3, Oct.-Dec., 2012, pp 177-186, impact factor 3.5930.
- **“Design of a low cost ECG System”** International Journal of Electronics Engineering, Vol.-4, Issue-2, July-Dec, 2012, Impact Factor 0.45.
- **“Power line Noise Reduction in ECG by Butterworth Notch Filters : A Comparative Study”** International Journal of Electronics, Communication and Instrumentation Engineering Research and Development (IJEIERD) – ISSN 2249-684x, Vol.-3, Issue 3, Aug., 2013-8, Impact Factor 4.7283.
- **“Noise Reduction in ECG by IIR Filters: A Comparative Study”** International journal of Electronics and Communication Engineering and Technology (IJCET), Vol. 4, Issue 4, July-Aug., 2013, pp 13-25, Impact Factor 5.8896.

Member of Professional Societies

Sl. No.	Name of the Society	Membership Period	Membership No.
1.	Indian Society for Technical Education (ISTE)	Life Member	LM-15953
2.	Institution of Engineers (India)	Life Member	F-1144385

Institutional / Administrative Experiences

Sl. No.	Position Held	Deptt. / Section	Period
1.	Project Officer	World Bank for Modernization of Polytechnic	1991-1993
2.	Accounts Officer	Account Section, BIT, Sindri	Dec., 2001 - March, 2006
3	Nodal Officer Finance	TEQIP Phase I (NPIU)	
4	Prof. In-charge, Examination	Examination Section, BIT, Sindri	Aug., 2007 – April, 2010
5	Accounts Officer	Account Section, BIT, Sindri	April 2010 – July, 2011
6	Hostel Superintendent	BIT Sindri	1994-1999 & 2006-2008
7	Senior Administrative Officer		

Short Term Course (Summer / Winter) Attended

Sl. No.	Titles	Duration
1.	“Institutional Development & management” Govt. Polytechnic Adityapur, Jamshedpur	06.06.1988 to 12.06.1988 (One Week)
2.	“Trainer’s Training Programme”, R.I.T., Jamshedpur	12.10.1988 to 25.10.1989 (02 Weeks)
3.	“Recent Advances in Power Generation from Non-Conventional Sources”, R.I.T. Jamshedpur	25.05.1992 to 06.06.1992 (02 Weeks)
4.	“Industrial Tribology and its applications” RIT, Jamshedpur	08.06.1992 to 20.06.1992 (02 Weeks)
5.	“Artificial Intelligence and Expert System”, Bengal Engg. College, Howrah	10.01.1994 to 22.01.1994 (02 Weeks)
6.	“Productivity and Prosperity through Safety Engg. and Management”, BIT Sindri	31.03.2001 to 12.04.2001 (02 Weeks)
7.	“Geo-Mining applications in Mining and Allied Areas”, BIT, Sindri	29.10.2001 to 10.11.2001 (02 Weeks)
8.	“Some aspects of Modelling and Simulation of Electrical System”, RIT Jamshedpur	24.12.2001 to 06.01.2002 (02 Weeks)
9.	“Learn with Lab view”, PSG College of Technology, Coimbatore	10.07.2006 to 14.07.2006 (One Week)
10.	“FPGA and VHDL Software”, NITTR Kolkata	10.03.2008 to 14.03.2008 (One Week)
11.	“Networks and Information Security”, NIT Patna	17.06.2008 to 30.06.2008 (02 Week)
12.	“Training on Pedagogy”, BIT Sindri through TEQIP	10.09.2008 to 14.09.2008 (One Week)
13.	“Management Development Programme on Project Management” XLRI Jamshedpur	24.11.2008 to 28.11.2008 (One Week)

International / National Workshops attended

Sl. No.	Titles	Duration
1.	International Conference on “Operational Research as Competitive Edge”, Heritage Institute of Technology, Kolkata	05.01.2007 to 07.01.2007
2.	National Workshop on “Industry Institute Interaction”, BIT Sindri	13.07.2007 to 14.07.2007
3.	“Development in Power Electronics Technology”, Birla Institute of Technology, Ranchi	04.11.2007 to 05.11.2007
4.	“Indian Property Right (IPR)”, BIT Sindri	13.09.2008 to 14.09.2008
5.	“Power Electronics Converter based Adjustable Speed Drives” Asansol Engg. College, Asansol	25.09.2008 to 26.09.2008
6.	National Conference on “Industrial Electronics, Drives and Embedded Systems”, BRMC College of Engg. & Technology, BAHAL Haryana	07.03.2009 to 08.03.2009
7.	National Seminar on “Recent Trends in Emerging Frontiers of Physical Sciences” (TREFPS-09), BIT, Sindri	02.11.2009 to 03.11.2009

Workshops Organised

- Organising Secretary, conducted a workshop on “LABVIEW”
- Co-ordinator, a two day workshop on “Industry Academia”