

## Dr. INDRA PRAKASH MISHRA

Registrar, HOD Engineering and Associate Professor

### Area of Interest:

**Power Electronics; Interline Power Flow Controller, Reactive Power Compensation, Entrepreneurship Development, Non-Conventional Energy. Micro Grid Components, Science of Clothing Comfort.**

Dr. Indra Prakash Mishra

Electrical Engineering

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## 1 Executive Summary

1.1	Total Experience	: 29 Years
1.2	Industrial Experience	: 11 Years
1.3	Academic/Administrative Experience	: 18 Years
1.4	Papers Published in National/ International Refereed Journals	: 13 Nos
1.5	FDP/ STC/Conference Organized	: 15 Nos
1.6	National/ International Conferences Attended/ Paper Presented	: 08 Nos
1.7	Resource Speaker/ Expert Lecture delivered	: 09 Nos
1.8	FDP/ STC participated	: 43 Nos
1.9	MOOCS Qualified	: 02 Nos
1.10	Administrative Portfolios	: 19+
1.11	Membership of Professional Bodies	: 04 Nos

## 2 Key Administrative Positions Holdings

S.N.	Position Held	From	To
2.1	REGISTRAR of the Institute	2009	Till Date
2.2	HOD Engineering	2009	Till Date
2.3	Project Coordinator TEQIP –I (MHRD and WB Funded)	2003	2009
2.4	Project Coordinator TEQIP-II (MHRD and WB Funded)	2009	2017
2.5	Project Coordinator- DDU (AKTU Funded)	2018	Till Date
2.6	Coordinator- INDUCTION PROGRAMME	2017	Till Date
2.7	Coordinator- ADMISSIONS	2015	Till Date
2.8	Nodal Officer- SCHOLARSHIP	2012	2014
2.9	Nodal Officer - AICTE	2009	Till Date
2.10	Nodal Officer - AISHE	2016	Till Date
2.11	Nodal Officer - JANSUNWAI	2016	Till date
2.12	Nodal Officer - DIVYANG JAN	2019	Till Date
2.13	Nodal Officer - MANAV SAMPADA	2017	Till Date
2.14	Nodal Officer - SWACHCH BHARAT MISSION of GoI	2018	Till Date
2.15	Nodal Officer - PG SCHOLARSHIP (AICTE)	2009	Till Date
2.16	Administrator -NKN NETWORK	2014	Till Date
2.17	Administrator -Institute WEBSITE	2002	Till Date
2.18	Faculty Mentor for Students	2017	Till Date

### 3 Academic and Industrial Experience

Sr. No.	Name of Organization	Designation	Service Period (29 Years as on 29.05.2020)		
			From	To	Years
3.3	Uttar Pradesh Textile Technology Institute, Kanpur	Registrar, Associate Professor & HOD Engg	November 12, 2002	Till Date	18
3.2	M/s Kanpur Plastipack Limited, Kanpur	Manager Maintenance	November 02, 1994	November 11, 2002	08
3.1	M/s Roto Pumps Limited, Kanpur	Senior Engineer Quality Control	March 11, 1991	November 02, 1994	03

### 4 Academic Qualifications:

S.N.	Qualifications	Specialization
4.3	Ph. D	Power Electronics
4.2	M. Tech	Power Electronics & Control
4.1	B. Tech	Electrical Engineering, (Power System Protection)

### 5 Paper Published International and National journals

S.N.	TITLE	Publishing Details
5.13	Analysis of SSSC Control Parameters as a Tool for Enhancement of available Transfer Capability of Transmission Lines.	Waffen-UND KOSTUMKUNDE JOURNAL, Volume XI, ISSUE V, MAY 2020, ISSN: 0042-9945, Pp 90-102, <a href="http://druckhaus-hofmann.de">http://druckhaus-hofmann.de</a> UGC CARE (II)
5.12	Synthesis of STATCOM Control Parameters variations for ATC Improvement in Power Transmission System.	High Technology Letters(HTL) Journal, Volume 26, Issue 5, 2020, page 338-349 ISSN NO: 1006-6748, SCOPUS, UGC CARE(II)
5.11	Optimization Analysis of UPFC Control Parameters for Enhancement of Available Transfer Capability of Transmission Lines	AEGAEUM JOURNAL, Volume 8, Issue 5, 2020, ISSN NO: 0776-3808 <a href="http://aegaeum.com/523-533">http://aegaeum.com/523-533</a> UGC Care (II)
5.10	Optimum micro-hardness of electroless nickelphosphorous coating based on particle swarm optimization	INFOKARA research Journal, Volume 9 Issue 2 2020, ISSN NO: 1021-9056 <a href="http://infokara.com/282-295">http://infokara.com/282-295</a> , UGC Care (II)
5.9	Quality of Service Supporting Routing Protocol in Wireless Multisensory Network	Grenze International Journal of Engineering and Technology, ISSN: 2395-5295, Volume 5 Issue 2, Jul 2019

5.8	Initializing Startups in Engineering and Technology Institutions', Indra Prakash Mishra, UPTTI Kanpur, Nishith Dubey, NITTTR Bhopal,	IOSR International Journal of Business and Management, e-ISSN:2278-487X, p-ISSN:2319-7668, Volume 18, Issue:10, Ver V (October- 2016), PP 154-158.
5.7	FACTS as an effective Solution for Mitigation of Transmission Congestion, Indra Prakash Mishra,	International Journal of Engineering, Technology and Scientific Research, IJETSR April 2016, ISSN 2394-3386
5.6	Gearing Up Textile Engineers For Startups', Indra Prakash Mishra, Mukesh Kumar Singh,	National Journal Fibre to finish, A Technical Journal of UPTTI issue 2016
5.5	Power Flow Management through Interline Power Flow Controller, Indra Prakash Mishra and Dr. N. K. Singh,	IOSR International Journal Vol II, Issue2, March-April, 2016
5.4	Reactive Power Compensation Technologies, the Current Scenario-A Review, Indra Prakash Mishra and Dr. N. K. Singh,	VSRD International Journal of Electrical, Electronics & Communication Engineering, Volume VI, Issue:II, March 2016, E-ISSN 2231-3346, P-ISSN: 2319-2232
5.3	Manufacturing of Woven Sacks: From Granules to Finished bag.	National Journal Fibre to Finish, A Technical Journal of UPTTI issue 2013
5.2	Simulation of Multiple Transmission Line System with Interline Power Flow Controller	VSRD International Journal of Electrical Electronics and Communication Engineering e-ISSN 2231-3346, p-ISSN: 2319-2232 Vol III Issue IX September 2013
5.1	Control of Active and Reactive Power Flow in Multiple Lines	International Journal of Emerging Technology and Advanced Engineering ISSN 2550-2459 An ISO 9001:2008 Certified Journal, Volume 2, Issue-II, November 2012

## 6 Conference / FDP/ STC Organized

S.N.	Topic	Duration		Organized/Chairedby Indra Prakash Mishra At
		From	To	
6.15	International Conference on Advances in Textile Materials & Processes ATMP 2019	02.12.2019	03.12.2019	UPTTI in Collaboration with UICT KBCNMU Jalgaon
6.14	TECHNO-CRUISE, In	19.03.2020	22.03.2020	UPTTI Kanpur in

	TECHKRITI, IIT Kanpur			Association with IIT Kanpur
6.13	Advisor, Smart Textile Hackathon 2K19	27.09.2019	28.09.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.12	Web Designing and Development	03.09.2019	07.09.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.11	Yoga based Student Excellence & Learning Program (SELP)	19.08.2019	24.08.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.10	C Programming Fast Track Training	11.04.2019	13.04.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.9	Skill Development in Textiles	11.03.2019	15.03.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.8	Women Empowerment and Self Defense Techniques.	22.02.2019	22.02.2019	UPTTI, Kanpur Under Project Shakti of Dainik AAJ.
6.7	Art of Living: Self Awakening and Personality Development.	04.02.2019	09.02.2019	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.6	Swachh Bharat Summer Internship	April 2018	Aug 2018	100 days at various places in Kanpur
6.5	Finishing School on Personality Development and Capacity Development of Students:Finishing Week	12.02.2018	17.02.2018	UPTTI, Kanpur Under Technical Education Quality Improvement Programme.
6.4	Developing Graduate Attributes in Engineering Students	05.02.2018	06.02.2018	UPTTI, Kanpur Under Technical Education Quality Improvement Program.
6.3	Finishing School: on Personality Development and Capacity Development of Students: Developing Week	30.01.2018	03.02.2018	UPTTI, Kanpur Under Technical Education Quality Improvement Program.

6.2	Radio Frequency Identification	18.09.2017	22.09.2017	UPTTI Kanpur and IRDT
6.1	Knowledge of Organizational Tools	19.09.2016	23.09.2016	UPTTI, Kanpur and IRDT

## 7 Conference / FDP/ STC Chaired /Co-Chaired

S.N.	Details	From	To	Organized By
7.3	Co-Chaired session in International Conference on advances in Textile Materials and Processes.	02.12.2019	03.12.2019	UPTTI Kanpur and UICT KBCNMU Jalgaon.
7.2	Co-Chaired session in International Conference on advances in Textile Materials and Processes.	19.11.2018	20.11.2018	IIT Kanpur and UPTTI Kanpur
7.1	Co-Chaired session in International conference on Advance Materials, Textiles and Processes	14.10.2017	15.10.2017	UPTTI Kanpur in association with UICT Jalgaon

## 8 Conferences / Seminars/Webinars attended, Paper Presented

S.N.	Topic	Conference Details
8.15	New Horizons of Technical Textiles	International Webinar organized by UPTTI Kanpur on 29.05.2020
8.14	Sizing of Off-grid, On-grid Solar PV System & Solar water pumping	Webinar by NATIONAL PRODUCTIVITY COUNCIL (Under Ministry of Commerce & Industry, Govt. of India) New Delhi – 110003 on 28.05.2020
8.13	The 'New Normal' in Education – Strategies to enable a smooth transition	Digital VC Nano Conclave by TCS-iON, Wednesday 27th May 2020
8.12	Stress of Online Education on Students and Teachers During Lockdown	National Webinar on Dated 28th May 2020 by IMRT and CIMS webinar G-1
8.11	Solar Energy Opportunities & Management	Webinar by Department of Mechanical Engineering & Department of Electrical and Electronics Engineering of Jain Deemed-to-be University on 28 May 2020
8.10	COVID-19 Awareness Quiz	Organized by Bundelkhand Institute of Engineering and Technology, Jhansi, UP, in the month of May, 2020.
8.9	Design and Performance of components of PPE for Fighting	Online Hackathon Organised by UPTTI Kanpur and KBCNMU, UICT

	Against Covid-19	Jalgaon under TEQIP-III, 1st may 2020
8.8	Paper Presented on IOT Based E Textiles	National Conference “Recent Advances in Polymer Technology 2020” at UICT KBCNMU Jalgaon, Jan 31-Feb20, 2020
8.7	Paper presented on Worm Hole Attack and Collaborative Black Hole attack in Ad-hoc Network using Trusted AODV Routing Algorithm	International Conference ICCAEEE 2019, Organized by IEEE Computational Society at Rajkiya Engineering College Sonebhadra, 31 Aug 2019
8.6	Paper presented on Quality of Service supporting routing protocol in wireless multisensory Network	Ninth International Conference on Advances in information Technology and Mobile Communication, AIM 2019, April 26-27, 2019 organized by Association of Computer, Electrical Electronics and Communication Engineers (ACEECom)- A division of the IDES
8.5	Paper presented on Fabric Engineering for Dermatological Safety.	International conference on Advance Materials, Textiles and Processes during 14.10.2017-15.10.2017 in association with UICT Jalgaon Maharashtra
8.4	Seminar on Industry Academia Partnership on R&D Initiatives,	National Conference organized by PSIT Kanpur in association with National HRD Network, Lucknow Chapter, 15th April 2016, at PSIT Kanpur
8.3	Paper Presentation on FACTS as an effective Solution for Mitigation of Transmission Congestion, Indra Prakash Mishra,	3rd International Conference on Innovative Research in Engineering Science, and Management ICIRESM-16 at YMCA March 16, 2016
8.2	Paper presented on Application of Nano-Technology and Nano Material in FACTS / Semiconductor Devices, Indra Prakash Mishra, UPTTI Kanpur,	National Conference on Advances in Material Design and Manufacturing AMDM -2016, 30-31, January, 2016
8.1	Smart & Wearable Electronic Textiles	National Conference PROSPECTS 2008 School of Garment, Apparel and Fashion Technology, Sona College of Technology, Salem 10.07.2008 To 11.07.2008

## 9 Resource Speaker/Expert Lectures Delivered

S.N.	Topic	Duration	Organized By
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		<b>From</b>	<b>To</b>	
9.9	Web Designing and Development	03.09.2019	07.09.2019	UPTTI, Kanpur
9.8	C Programming Fast Track Training	11.04.2019	13.04.2019	UPTTI, Kanpur
9.7	Resource Speaker for STC on Developing Graduate Attributes in Engineering Students on the Topic” “Understanding Graduate Attributes and Mapping with routine activities”	05.02.2018	06.02.2018	UPTTI Kanpur,
9.6	Resource Speaker for STC on Modern Advancements in Textiles on the Topic” “Wearable Electronics”	23.10.2017	27.10.2017	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).
9.5	Resource Speaker for STC on Radio Frequency Identification on the Topic” “Logistics through RFID”	18.09.2017	22.09.2017	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).
9.4	Resource Speaker for STC on Radio Frequency Identification on the Topic” “Applications of Radio Frequency Identification”	18.09.2017	22.09.2017	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).
9.3	Resource Speaker for STC on knowledge of Organizational Tools on the Topic” Introduction to OPAC Library Management System”,	19.09.2016	23.09.2016	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).
9.2	Resource Speaker for STC on knowledge of Organizational Tools on the Topic” Application of cloud computing for Library Organization”,	19.09.2016	23.09.2016	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).
9.1	Resource Speaker for FDP on Research Methodology on the Topic “Introduction to Research Methodology”	05.09.2016	09.09.2016	UPTTI Kanpur, Sponsored by Department of Technical Education (IRDT).

## 10 Trainings & Workshops Attended

S.N.	Topic	Duration		Organized By
		From	To	
10.45	Next Generation Intelligence (Faculty Development Program)	20.05.2020	25.05.2020	Computer Society of India, St Peters Institute of Higher Education and Research, Chennai.
10.44	Human Values (ToT) Student Induction for Faculty	05.03.2020	07.03.2020	SMVDU, Jammu
10.43	National Workshop on Advanced Instrumentation and Characterization Techniques.	02.02.2020	04.02.2020	KBCNMU, UICT Jalgaon under TEQIP-III of MHRD, GoI
10.42	Professional Development Training Program for Faculty	18.11.2019	22.11.2019	IIM JAMMU
10.41	Professional Development Training Program for Faculty	26.08.2019	30.08.2019	IIM VISAKHAPATNAM
10.40	Project Shakti, Self Defense for Women	22.02.2019	22.02.2019	DainikAAj& UPTTI, Kanpur
10.39	Refresher Workshop on Good Governance	01.02.2019	01.02.2019	State Project Facilitation Unit, Lucknow
10.38	Professional Development for Heads of Institute.	19.01.2019	21.01.2019	IIM Udaipur
10.37	Sustainability in Textile Chemical Processing	11.01.2019	12.01.2019	UPTTI, Kanpur
10.36	Communication and Personality Development	01.10.2018	03.10.2018	UPTTI, Kanpur
10.35	Professional Development Training Program for Senior Academic cum Administrative Executives	10.09.2018	14.09.2018	IIM SHILLONG
10.34	Summer Training Program on Active Learning for Senior Faculty	02.07.2018	06.07.2018	IIT Kanpur, Knowledge Incubation for TEQIP
10.33	Outcome Based Accreditation for Undergraduate Engineering Program	22.03.2018	23.03.2018	HBTU, Kanpur
10.32	Advanced Data Analytics and Mathematical Modeling with MATLAB	15.03.2018	15.03.2018	UPTTI, KANPUR
10.31	Productivity and Competitiveness measurement for	20.02.2018	24.02.2018	National Productivity Council, Munnar Kerala



	organizational Excellence			
10.30	Thermal Behavior of Materials	27.02.2018	28.02.2018	UPTTI, KANPUR
10.29	Workshop on “Induction Program for new Students”	22.09.2017	24.09.2017	HBTU, Kanpur
10.28	Simulation Techniques of Power Electronics Converters	27.02.2017	04.03.2017	School of Electrical Engineering, HBTU Kanpur
10.27	Research Methodology	05.09.2016	09.09.2016	UPTTI Kanpur
10.26	TOT for Entrepreneurship Development	15.02.2016	19.02.2016	NITTTR, Bhopal
10.25	Application of Nano Technology in Textile Engineering	18.01.2016	23.01.2016	UPTTI, Kanpur
10.24	Strategic Planning and Management of Technical Institutions	17.08.2015	21.08.2015	NITTTR Chandigarh through ICT at UPTTI, Kanpur
10.23	State Level Workshop in Curriculum Development in Textiles	13.07.2015	14.07.2015	UPTTI, Kanpur
10.22	State Level Faculty Interaction Seminar	08.06.2015	09.06.2015	HBTI Kanpur
10.21	Positive Thinking and Attitude Development	15.12.2014	19.12.2014	NITTTR Bhopal
10.20	Renewable Energy Systems	08.09.2014	19.09.2014	NITTTR Bhopal
10.19	Induction Training Program through ICT	23.09.2013	27.09.2013	NITTTR Chandigarh and UPTTI Kanpur
10.18	Research Methods for Engineering and Education	09.09.2013	13.09.2013	NITTTR Bhopal
10.17	MATLAB and Its Application	14.11.2011	18.11.2011	NITTTR Chandigarh
10.16	Digital Design Techniques: Application to Control System	30.05.2011	03.06.2011	IIT Roorkee
10.15	Embedded Systems and Its Application to Power	05.07.2010	09.07.2010	IIT Roorkee

Electronics				
10.14	Modern Analytical Techniques for Research and Industry	10.11.2008	14.11.2008	HBTI Kanpur
10.13	Multimedia Technology	07.06.2004	18.06.2004	NITTTR, Chandigarh
10.12	Computer Aided textile Design	08.10.2003	09.10.2003	NCUTE, IIT Delhi
10.11	CAD for garment manufacturing	04.09.2003	05.09.2003	NCUTE, IIT Delhi
10.10	Electric Power System Operation and Management in restructured Environment	21.07.2003	25.07.2003	IIT, Kanpur
10.9	Setting Question papers and Student Evaluation	30.06.2003	04.07.2003	NITTTR, Chandigarh
10.8	What every manager should know about Labour Laws	11.02.2002	12.02.2002	All India Management Association, New Delhi
10.7	Reactive Power Management	05.06.2000	06.06.2000	L&T Switchgear Training Centre Lucknow
10.6	Effective speaking skills	10.08.1997	10.08.1997	Samadhan, Indian Movement for Management & Communication, Kanpur
10.5	Motivational Climate and Employee commitment Building	27.01.1997	02.02.1997	Mehan& Associates, Management Consultant & Trainers, Mumbai
10.4	Effective Managerial Leadership for Organizational Excellence	26.10.1996	27.10.1996	National Institute of Personal management, U.P. Chapter, Kanpur
10.3	Workshop for methods of rehabilitation of Tobacco addicted	09.07.1994	10.07.1994	Navjyoti Network (International) Centre, Kanpur region
10.2	Ultrasonic testing of Materials	07.02.1994	12.02.1994	Electronic & Engineering Company, New Delhi
10.1	Vocational Training in Manufacturing, Maintenance, Assembly and overhaul	05.06.1989	04.07.1989	H.A.L, Kanpur

## 11 MOOCS

Sl. No	Topic	Duration		Organized By
		From	To	
11.1	Developing Soft Skills and Personality	August 2018	October 2018	NPTEL, IIT Kanpur 8 Weeks
11.2	Science Of Clothing Pursuing Comfort.			Swayam IIT Delhi & IIT Madras

## 12 Membership of Professional Bodies

S.N.	Details	Duration	
		From	To
12.5	Chartered Engineer (India), Royal Charter 1935	Mar 2020	Lifetime
12.4	Member IEEE	2012	Till Date
12.3	Fellow IEI Institution of Engineers (India) F-1263281	29.02.2016	Till Date
12.2	Editor VSRD INTERNATIONAL JOURNAL of ELECTRICAL, ELECTRONICS AND COMMUNICATION ENGINEERING (e-ISSN: 2231- 3346, p-ISSN: 2319-2232)	2012	Till Date
12.1	International Association of Engineers IAENG Member No 154851	10.10.2019	Till date

