

Resume



Name : Dr. Ram Niwash Mahia
Designation : Assistant Professor
Department : Electrical Engineering
Qualification : Ph.D. from Indian Institute of Technology Jodhpur, Rajasthan, India
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Other Profile Links

Research Gate Link :

Personal Web Link :

Google Scholar Link :
Research Profile

Research Interests : Networked Control Systems, Complex Networks, Multi-Agent Systems, Power Networks etc.

Brief Research Profile : The behavior of the networked system has a strong relationship with topological structure of the networks. These relations provide an insight into a hidden connection between system behavior and the network structure. Therefore it is imperative to investigate this connection. In several applications, it is necessary to understand the influence of a node (or a set of nodes) on a specific node (or a set of specific nodes). The structure of the network plays a significant role to understand the effect of one node on any other node in a complex network. Therefore, to explore this work in various real world applications of networked control systems such as power networks, robotic networks, social networks etc.

Qualification

Name of the Degree	Year Of Passing	Institute/University
Ph.D.	2018	Indian Institute of Technology Jodhpur, Jodhpur, Rajasthan, India
M.E.	2009	Delhi College of Engineering (now Delhi Technological University) Delhi, India
B.E.	2007	Govt. Engineering College Bikaner, Bikaner, Rajasthan, India

Publications

Year	Journal	Publication	Indexed In
2018	IEEE Transactions on Circuits and Systems II: Express Briefs	On Some Input-Output Dynamic Properties of Complex Networks & 65	SCI
2018	International Journal of Control Automation and Systems	Identification of Optimal Set of Driver Nodes in Complex Networked Systems Using Region of Attraction & 16	SCI
2016	Neurocomputing	Towards Characterization of Driver Nodes in Complex Network with Actuator Saturation & 201	SCI
2014	International Journal of Electrical and Electronics Engineering	A Novel Method for Detection of Disturbances in Utility Network Produced Due to Power System Operations Using Squared Wavelet Coefficients & 3	---
2014	arXiv preprint arXiv:1410.3251	Characterization of Driver Nodes of Anti-Stable Networks	---

Edited Book/Book Chapter

Type	Title	Publisher	Authors	ISBN/ISSN No.	Year
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Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator
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Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor
Ph.D	Manish Kumar Pandey	Control System	On-going	2020	
Ph.D	Anup Kumar	Renewable Energy Sources	On-going	2019	
M.Tech	Ashish Kumar	Speed Control of EV and HEV Using Converters	On-going	2020	
M.Tech	Vishwajeet Kumar	Design and Analysis of Hybrid Energy Storage System for Electric Vehicles	On-going	2020	

Patents

Name	Reg./Ref.No.	Date Of Award/Filing	Organization	Status
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Teaching

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor	Department of Electrical Engineering, National Institute of Technology Hamirpur, Hamirpur, H.P., India	10/10/2019		Present

Programme Name	Subjects Taught	From	To	Credits
Assistant Professor	Department of Electrical & Electronics Engineering, SRM Institute of Science and Technology, NCR Campus, Modinagar, U.P., India	01/08/2018	02/07/2020	11 Months
Guest Faculty	Department of Electronics & Communication Engineering, M.B.M. Engineering College Jodhpur, Jodhpur, Rajasthan, India	07/10/2017	01/06/2018	08 Months
Assistant Professor	Department of Electronics Instrumentation & Control Engineering, Global Institute of Technology Jaipur, Rajasthan, India	26/03/2010	03/08/2011	01 Year and 04 Months

Administrative Responsibilities

Position Held	Organization	From	To	Remarks
Assistant Faculty In-charge (Technical Activities & Clubs)	DoEE, NIT Hamirpur, H.P.	03/12/2019	02/08/2020	02
Assistant Nodal Officer (Ek Bharat Shrestha Bharat)	DoEE, NIT Hamirpur, H.P.	03/12/2019	02/08/2020	08
Website Representative from EE Department	DoEE, NIT Hamirpur, H.P.	04/12/2019		2020,02
Departmental Student Counsellor, EE Department	DoEE, NIT Hamirpur, H.P.	18/12/2019		08
Departmental OICs of Transducers and Signal Conditioning Lab	DoEE, NIT Hamirpur, H.P.	19/02/2020		2020,,,,08
Assistant Warden, Himadri Boys Hostel, NITH	DoEE, NIT Hamirpur, H.P.	01/06/2020	08/08/2020	08

Expert Talks

Title	Place	Year	Description
Application of Networked Control System in Power Networks	Rajasthan Technical University, Kota and Vedant College of Engineering & Technology, Bundi, Rajasthan	2020	TEQIP-III (RTU-ATU) Sponsored Five Days Faculty Development Program on "Renewable Integration, Challenges and Opportunities" in duration Sept. 01-05, 2020 (Sept. 04, 2020)
Input-Output Dynamic Properties of Power Networks	Rajasthan Technical University, Kota and Arya Institute of Engineering Technology & Management, Jaipur, Rajasthan	2020	TEQIP-III (RTU-ATU) Sponsored Faculty Development Program on "Recent Trends and Practices in Power Utility Grid Operations" in duration Oct. 02-03, 2020 (October 03, 2020)

Professional Activities

Name of Activity	Role	Duration	Organization
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Courses Organized

Category	Type	Title	Venue	From	To	Designation
conference	National	National Conference of Solar Thermal Energy Technologies (NCSTET'16)	Indian Institute of Technology Jodhpur, Rajasthan, India	26/02/2016	28/02/2016	Team Member
fdp	National	Recent Trends in Intelligent Control Techniques for Renewable Energy Systems and Electric Vehicles	National Institute of Technology Hamirpur, Hamirpur (H.P.)	12/10/2020	16/10/2020	Coordinator

Date :

Place :

Signature