

Mrs.Sriparna Roy Ghatak

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Assistant Professor

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INTERESTED RESEARCH AREAS:

Soft computing technique , FACT devices, Distributed Generation, Economic Dispatch

SCHOOL LEVEL RESPONSIBILITY:

Software Trainer

ACADAMIC DETAILS :

S.NO	DEGREE	INTITUTION NAME	YEAR OF PASSING
1	BTech	Utkal University	2005
2	MTech	VSSUT Burla	2007
3	PhD	N.I.T Durgapur	Continued

EXPERIENCE:

TEACHING: 9 years

PUBLICATION:

SELECTED PUBLICATIONS(SI INDEX) :

Optimal placement of DG, DSTATCOM in deregulated power system International Journal of power and energy conversion 2016.

FULL PUBLICATION:

- Performance analysis of power system by incorporating DG and SVC” International Journal of emerging technology and advanced engineering 2014.
- Technical and Economic Assessment of Power System by Incorporating Distributed Generation and Static VAR Compensator International Journal on Advanced Electrical and Computer Engineering 2016.

M.Tech THESIS GUIDED:

YEAR : 2016	
S.NO	TITLE
1	Optimal Allocation of DG and SVC in power system using ETAP
2	Performance assessment of Distribution system using Distributed Generation and DSTATCOM
3	Optimal size and location of Static Var Compensator in a interconnected system

B.Tech PROJECTS GUIDED:

YEAR :	
S.NO	TITLE
1	Load flow analysis of a radial distribution system using ETAP
2	Fault analysis using MIPOWER
3	Transient stability analysis of an interconnected power system using Power world

CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:

S.NO	Title	Attended/or ganized	YEAR
1	Performance assessment of power system by incorporating Distributed Generation and Static Var compensator in power system"	Presented Paper (Attended)	2014
2	Voltage profile improvement and loss reduction using optimal allocation of SVC in INDICON IEEE, New Delhi December 2015.	Presented Paper (Attended)	2015
3	"Optimal Allocation of DG using EPSO with reduced search space" in CICT IEEE, Ghaziabad ,February 2016.	Presented Paper (Attended)	2016
4	Self Sponsored National Workshop held at School of Electrical Engineering on Intelligent tools in Smart Grid (ITSG) 7th-11th June 2016	Organized	2016
5	Optimal allocation DG and SVC using revamp voltage stability indicator	Accepted	2016

SUBJECTS TAUGHT:

S.NO	SUBJECT CODE	SUBJECT NAME
1	EE3001	Electric Power Transmission and Distribution
2	EE1003	Basic Electrical Engineering
3	EE3002	Power System Operation and control