Name of the Faculty	Siddharth Ashwinkumar Parmar
Designation	Assistant Professor
Email id	siddharthparmar.ee@bitseducampus.ac.in
contact number **Total Experience** **Teaching (years,months)** **Industry (years, months)**	9426079878 2 year NIL
Professional Summary	Working as a assistant professor in Electrical Engineering Department BIT from June-2018, Life member of ISTE,
Current Activities	Assistant Professor in Electrical Engineering Department, BIT
Specialization Areas	Power system
Subject Taught (UG/PG)	Power System Planning & Design Switchgear & Protection Electrical Power System-1 AC Machines DC Machines & Transformers Design Engineering
Qualifications	M.E. in Electrical Engineering (2016) L.E. College, Morbi-Gujarat B.E. in Electrical Engineering (2014) KIT Engineering College, Jamnagar- Gujarat
Skills	Good Knowledge of MATLAB simulation & Programming, Multisim, PSIM, Ecosense Solar Kit
Achievements	Got best author certificate from Engineering Science & Technology, An International Journal for publishing a research article.
Research Project **Publications**	Nil 1) **Title-** Optimal Power Flow with Enhancement of Voltage Stability and Reduction of Power Loss using Ant-Lion Optimizer **Journal-** Cogent Engineering, Taylor and Francis group. **DOI-** 10.1080/23311916.2016.1208942 2) **Title-** Optimal power flow with voltage stability improvement and loss reduction in power system using Moth-Flame Optimizer **Journal-** Neural Computing and Applications, Springer Publication. **DOI-** 10.1007/s00521-016-2794-6 3) **Title-** A novel hybrid Particle Swarm Optimizer with multi verse optimizer

for global numerical optimization and Optimal Reactive Power Dispatch problem

Journal- Engineering Science and Technology, an International Journal, Elsevier (Science direct)

DOI- 10.1016/j.jestch.2016.10.007

4) **Title-** Optimal Active and Reactive Power Dispatch Problem Solution using Whale Optimization Algorithm

Journal- Indian Journal of Science and Technology

DOI- 10.17485/ijst/2016/v9iS1/101941

5) **Title-** Human Behavior Based Optimization Algorithm For Optimal Powerflow Problem With Discrete And Continuous Control Variables

Journal- International Journal of Engineering Technology Research & Management

International Conference paper details:

6) **Title-** Voltage stability enhancement and Voltage Deviation Minimization using ant-lion optimizer algorithm

INSPEC Accession Number: 16228092
DOI: 10.1109/AEEICB.2016.7538286
Publisher: IEEE
Conference Location: Chennai, India
ISBN Information:
Electronic ISBN: 978-1-4673-9745-2
Print on Demand(PoD) ISBN: 978-1-4673-9746-9

Title- An emission constraint Economic Load Dispatch problem solution with Microgrid using JAYA algorithm **INSPEC Accession Number:** 16357884
DOI: 10.1109/ICEETS.2016.7583805 **Publisher:** IEEE
Conference Location: Nagercoil, India
ISBN Information:
Electronic ISBN: 978-1-4673-9925-8
Print ISBN: 978-1-5090-1534-4
CD-ROM ISBN: 978-1-4673-9924-1
Print on Demand(PoD) ISBN: 978-1-4673-9926-5

8) **Title-** Optimal active and Reactive Power dispatch problem solution using Moth-Flame Optimizer algorithm

INSPEC Accession Number: 16357887

9) **Title-** Voltage stability enhancement and voltage deviation minimization using multi-verse optimizer algorithm

10) **Title-** Voltage stability enhancement and voltage deviation minimization using BAT optimization algorithm

National Conference paper details:
11) **Title-** Reactive and Active Power Loss Reduction using Ant-Lion Optimizer

Conference details
Name- National Conference on Emerging Research Trends in Engineering 2016 (NCERTE- 2016)
Location- Government Engineering College, Gandhinagar, Gujarat
12) **Title-** Reactive and Active Power Losses Minimization using Human Behavior Based Optimization

Conference details
Name- Advancement in Electrical and Power Electronics Engineering 2016 (AEPEE-2016)
Location- L.E. College, Morbi, Gujarat

13) **Title-** Optimal Active and Reactive Power Dispatch Problem Solution using

	Grey-Wolf Optimizer Algorithm. **Conference details** **Name-** International conference on Automation in Industries (ICAI-2016) **Location-** Om engineering College, Junagadh, Gujarat
Activities and honours	1. Got best author certificate from Elsevier for publishing an article on optimization techniques.
Grant Received	Nil