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DR. ESHAN SAMANTA

HOD

INFO

DEPARTMENT : DIPLOMA IN ELECTRICAL ENGINEERING

DATE OF JOINING : 21ST AUGUST 2017

NUMBER OF BOOK PUBLISH : 3

NUMBER OF JOURNAL PUBLISH : 10

NUMBER OF CONFERENCE : 8

EXPERIENCE

TEACHING : 7

INDUSTRY : 1

IN GIST 8 YEAR 7 MONTH 25 DAY

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EDUCATION

M.TECH, PH.D.

List of Journals

1. Samonto, S., Kar, S., Pal, S., Sekh, A.A. "Fuzzy Logic Based Multistage Relaying Model for Cascaded Intelligent Fault Protection Scheme", International Journal on Electric Power Systems Research, Elsevier, Vol.184, pp.106341,2020 (SCI and SCIE Indexed) IF = 3.22 <https://doi.org/10.1016/j.epsr.2020.106341>
2. Majumder, S., Kar, S. & Samanta, E. "A fuzzy rough hybrid decision making technique for identifying the infected population of COVID-19". Soft Comput (2020). (SCI and SCIE Indexed) IF = 3.22 <https://doi.org/10.1007/s00500-020-05451-0>
3. Samonto, S., Kar, S., Pal, S., Sekh, A.A., Sarkar, B. "Fuzzy Based Algorithm for Stage-I of Cascaded Intelligent Relaying", International Journal of Intelligence Science, 2020 (Accepted) (WOS Indexed) IF = 0.25
4. Samonto, S., Pal, S., Sarkar, B. "Over Current Protection By Using FIS Based AI Breaker for Single Phase LT Consumers", IAEME Publication, International Journal of Electrical Engineering and Technology, Vol.6, No. 9, pp. 18 – 27, 2015 (Inspec Indexed) <http://www.iaeme.com/IJEETissues.asp?JType=IJEET&VType=6&IType=9>
5. Samonto, S., Pal, S., Banerjee, S., Sarkar, B. "Transformer Protection by Using FL Based Artificial Intelligent Buchholz Relay against Incipient Faults", Engineering Journal Publication, International Journal of Engineering Science and Technology, Vol.8, No. 3, pp. 29 – 36, 2016 <https://www.ijest.info/docs/IJEST16-08-03-021.pdf>

List of Conference

1. Samonto, S., Pal, S., Banerjee, S. "FIS Incorporated

Microcontroller Based MCB”, IEEE International Conference _____

DOI: 10.1109/ICICPI.2016.7859689

2. Mandal, S.K., Pal, S., Samonto, S. “Distributed Load Control Using FLC Based MCB”, IEEE International _____

DOI: 10.1109/ICECCT.2015.7225976

List of Books

1. Samanta, E., Sekh, A.A., Khatua, D., 2020. "An Expert System-Based Automation in Indian Traction System for a _____

DOI: 10.4018/978-1-7998-2584-5.ch013

2. Samonto, S., Pal, S., Khatua, D., Islam, Sk M. “An Approach to Develop a Dedicated Micro AI Processor for an _____

https://doi.org/10.1007/978-3-030-34152-7_32

3. Khatua, D., Maity, K., Samanta, E., Kar, S. “A single period fuzzy production inventory control model with _____

https://doi.org/10.1007/978-3-030-34152-7_31