

Curriculum Vitae

DR. SUJOY DAS

CURRENT POSITION:

Assistant Professor (From 03.01.2018 to till date)
Department of Electrical Engineering
Tripura Institute of Technology, Narsingarh
Tripura West
Pin-799009



PERSONAL BIO-DATA:

Father's name: Jahar Lal Das

Date of Birth: 13.01.1987.

Category: SC

Sex: Male.

Blood group: B+

Languages Known: English, Hindi & Bengali.

Nationality: Indian.

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ADDRESS:-

S/O- Jahar Lal Das.
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P.S:-Amtali
Dist:-West Tripura.
Pin-799130.
Tripura, India

EDUCATION:

PhD (Electrical Engineering, 2019), National Institute of Technology, Agartala
M.Tech (Power System, 2012), National Institute of Technology, Agartala
B.E (Electrical Engineering, 2010), National Institute of Technology, Agartala
H.S (+2 stage) (2005), Tripura Board of Secondary Education
Madhyamik (2003), Tripura Board of Secondary Education

COURSES TOUGHT:

Theory:

- Illumination Engineering
- Electrical Machine Design

- Principles of Electronics and applications

Laboratory:

- Basic Electrical laboratory
- Electronics laboratory-1
- Electrical Machine laoratory-II.

ACADEMIC RESPONSIBILITIES:

- Member of NBA Committee.
- Member of Industry Readiness & Mandatory Internship.
- Nodal officer, Employability Skill Development.

RESEARCH INTEREST:

Power system operation & control, Application of Soft-computing in power system.

MEMBERS OF PROFESSIONAL BODIES:

- Associate member of the Institution of Engineers (India) NO-AM153418-4.
- IEEE USA. Membership no: 93010646.

SPECIAL ACHIEVEMENTS

- Participated in Science Fair 2002 and Hold 3rd position in Sub division level & 10th position in state level.
- Two times GATE qualified (EE) in the year of 2010 and 2012.

PUBLICATIONS:

International Journal:

1. Sujoy Das, Aniruddha Bhattacharya (2016). "Symbiotic Organisms Search algorithm for short-term hydro thermal scheduling." Ain Shams engineering journal (Elsevier). vol.9, no. 4, pp. 499-516. (SCIE indexed). IF: 3.091
2. Sujoy Das, Aniruddha Bhattacharya, Ajoy Kumar Chakraborty (2016). "Quasi-reflected ions motion optimization algorithm for short-term hydrothermal scheduling". Neural Computing & Applications (Springer). Vol.29. no.6; pp.123-149. (SCIE indexed). IF: 4.664
3. Sujoy Das, Aniruddha Bhattacharya, Ajoy Kumar Chakraborty (2017). "Solution of short-term Hydrothermal Scheduling using sine cosine algorithm. Soft computing (Springer).Vol.22; pp.6409-6427. (SCIE indexed). IF: 2.784

4. Sujoy Das, Aniruddha Bhattacharya, Ajoy Kumar Chakraborty (2017). "Solution of Short-Term Hydrothermal Scheduling Problem Using Quasi-Reflected Symbiotic Organisms Search Algorithm Considering Multi-fuel Cost Characteristics of Thermal Generator". Arabian Journal for Science and Engineering (Springer).Vol.43; pp.2931-2960. (SCIE indexed). IF:1.518

5. Sujoy Das, Aniruddha Bhattacharya, Ajoy kumar Chakraborty (2018). "Fixed head short-term hydrothermal scheduling in presence of solar and wind power", Energy Strategy reviews (Elsevier). Vol.22; pp.47-60. (SCIE indexed).IF: 2.633

International Conference:

1. Sujoy Das, Aniruddha Bhattacharya, Ajoy kumar Chakraborty, Vibhav Pandey. "Fixed head Short-term hydrothermal scheduling using whale optimization algorithm considering the uncertainty of solar power". 9th International Conference on Advanced Computing (ICoAC-2017), 14–16 December 2017, Chennai.

2. Sujoy Das, Aniruddha Bhattacharya, Ajoy kumar Chakraborty. "Short-term hydrothermal-wind scheduling using Salp Swarm Algorithm". The 6th International Electrical Engineering Congress (iEECON 2018). 7-9 March 2018, Karbi, Thailand.

3. Sujoy Das, Dabashish Bhowmik, Sampa Das, "A modified grey wolf optimizer algorithm for economic scheduling of hydrothermal systems". 1st International Conference on Innovation in Modern Science and Technology (ICIMSAT-2019), 20th-21st September, 2019, SIT, Siliguri, West Bengal.

WORKSHOP/SEMINAR ATTENDED:

- One day National Workshop On "Contemporary and Future Perspectives of Physics Applicable to Science and Technology: Challenges and opportunities (4th February, 2013) at NIT Agartala.
- Two Days Workshop on MATLAB and its application in ANN, Fuzzy Logic & Genetic Algorithm (March 20-21, 2014) at NIT Agartala.
- Workshop on Indian Power Scenario sponsored by TEQIP on Sept 4th 2013 at NIT Agartala.
- Two weeks short-term course on "Stability modeling analysis of power system including large renewable energy sources" (30th Dec 2015-8th Jan 2016) Under GIAN at NIT Agartala.
- Two days' workshop on "Power System Beyond 2020" on 17th -18th Aug 2015 at NIT Agartala.
- Two day's workshop on "Recent Trends on Power Electronics and Drives" at NIT Agartala on 21st -22nd November 2015.
- Three day's National workshop on "Recent Advancement in Soft Computing Techniques" at NIT Agartala on 29th -31st January 2016.
- Three day's workshop on "Strategies in Power Electronics" at NIT Agartala on 20-22 January 2017.

- Induction workshop at IIT Bombay on 5th February, 2018-9th February, 2018.
- TEQIP Phase-III Summer Training Program on Active Learning at IIT Hyderabad on 14th May, 2018-19th May, 2018.
- Five-Day Short-term Training Programme on “Smart Grid and Energy market” at NIT Agartala on 27th August, 2018-31st August, 2018.
- One Week Faculty Development Program on “Recent Innovative and Research Activities on Power System” From 25th - 30th June 2018 at TIT Narsingarh.
- TEQIP III Training Program on “Advanced Pedagogy & Digital Tool for TEQIP Faculty members” from June 3-7, 2019 at IIT Kharagpur.

WORKSHOP/SEMINAR/CONFERENCE COORDINATED:

- Faculty Development Program on “Optimization Techniques and its Application in Science & Technology” from 04.12.2018 to 11.12.2018 at TIT Narsingarh under Twinning Agreement with Jadavpur University.
- Act as a Convener in a special session “Application of Computational Intelligence in Power, Energy, Science and Engineering” in “1st International Conference on Innovation in Modern Science and Technology (ICIMSAT-2019) from September 20th -21st , 2019 at Siliguri Institute of Technology, Siliguri, Darjeeling, West Bengal, India”.

SUJOY DAS