

Mrs.Sanhita Mishra

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Asst. Professor

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INTERESTED RESEARCH AREAS:

Economic load dispatch, renewable energy

SCHOOL LEVEL RESPONSIBILITY:

1. Faculty in charge 2nd yea
- 2.DC committee member
- 3.Hostel dept. Superintendent

ACADAMIC DETAILS :

| S.NO | DEGREE | INTITUTION NAME | YEAR OF PASSING |
|------|--------|------------------------|-----------------|
| 01 | 10th | SSVM,Champua | 2002 |
| | 12th | DD.Jr college,Keonjhar | 2004 |
| | B.tech | OSME,Keonjhar | 2009 |
| | M.Tech | VSSUT Burla | 2011 |

EXPERIENCE:

TEACHING: 5year

PUBLICATION:

- 1.. Panigrahi pupul&Mishra Sanhita "Implementation of Firefly Algorithm on Economic load lispach "IJERT Vol 4,Issue 4,ISSN-2278-0181
2. *Gravitational search algorithm based Economic Load Dispatch problem incorporating wind generating system, ICPEICES ,IEEE conference*

M.Tech THESIS GUIDED:

| YEAR : | |
|--------|---|
| S.NO | TITLE |
| 01 | Economic Load Dispatch of Power System Integrating wind and solar energy using gravitational search algorithm |
| 2. | Implementation of firefly Algorithm to Economic load dispatch incorporating wind power generation. |
| 3. | Optimal Power Flow Analysis using Newton Raphson Method and decoupled method for economic load dispatch |

B.Tech PROJECTS GUIDED:

| YEAR : | |
|--------|---|
| S.NO | TITLE |
| 1 | Advancement of load shedding A smart approach |
| 2. | Design a digital control of single phase UPS inverter |
| 3. | Electric theft |

CONFERENCE/WORKSHOPS ORGANIZED/ATTANDED:

| S.NO | Title | Attended/organized | YEAR |
|------|------------------------------------|---------------------------|------|
| | Smart Grid | IIT,BBsr | 2014 |
| 02 | Entrepreneurship | KIITTBI | 2015 |
| 03 | Smart Grid | IEEE PES, Silicon,BBSR | 2015 |
| 04 | POWER COMUNICATION AND INFORMATION | IEEE PCITC, ITER,BBSR | 2015 |

SUBJECTS TAUGHT:

| S.NO | SUBJECT CODE | SUBJECT NAME |
|------|--------------|--|
| 01 | EE-3002 | Power system operation and control |
| 02 | EE-4021 | Power station Engineering |
| 03 | EE-2002 | Electrical Machine-II |
| 04 | EE-3001 | Electrical Power Transmission and Distribution |
| 05 | EE-1003 | Basic Electrical Engineering |