


## Bio-data of **BIKASH KUMAR SAHU**

### PERSONAL DETAILS:

|  |   |
|--|---|
| <p><b>Date of birth</b> : 08.05.1982<br/><b>Sex</b> : Male<br/><b>Nationality</b> : Indian<br/><b>Phone no.</b> : 09658157323(Mobile)<br/><b>Email id</b> : <b>bikashkumar.sahu@gmail.com</b><br/><b>Father's Name</b> : Sri Batakrushna Sahu<br/><b>Permanent address /</b> : C/O Batakrushna sahu<br/><b>Correspondence address</b> : At/Po Bhotaka<br/>: Via kabirpur<br/>: PS Kuakhia<br/>: Dist Jajpur<br/>: Pin 755009 (Orissa)<br/><b>Languages known</b> : English , Hindi &amp; Oriya</p> |  |
|--|---|

### ACADEMIC CAREER:

| Examination | Specification             | Institution                               | Board/<br>University | Year<br>Of<br>passing | Percentage<br>/<br>CGPA | Div |
|-------------|---------------------------|---|----------------------|-----------------------|-------------------------|-----|
| M.Tech      | Energy<br>Technology      | Tezpur<br>University                      | Tezpur<br>University | 2012                  | 6.98 (CGPA)             | 1ST |
| B .Tech/B.E | Electrical<br>Engineering | Orissa School of<br>Mining<br>Engineering | B.P.U.T              | 2006                  | 59.69%                  | 2ND |
| 10+2        | Science                   | Dharmasala<br>Mahavidhyalaya              | C.H.S.E              | 1999                  | 61%                     | 1ST |
| 10          |                           | Madhuban High<br>School                   | B.S.E                | 1996                  | 51.6%                   | 2ND |

### ACHIVEMENTS:

- GATE-2010 qualified with 91.69 percentiles in Electrical Engineering.
- Publication of full length paper on "**Performance Testing of solar LED based lighting system**" by **B. K. Sahu**, D.C Baruah and P.K Choudhry in ICORE-2011.
- Abstract accepted on "**Testing of a white LED based solar lighting system in Tezpur University, India**" with **B.K. Sahu**, D.C Baruah and P.K Chodhury in student IEEE Conference SCEECS 2012.
- Publication of full length international journal paper on "**Global trend in wind energy development with special focus on top five countries**" with **Bikash Ku. Sahu**, M. Hiloidhari and D.C Baruah in *Renewable and Sustainable Energy Reviews*, Vol 19, March 2013, Page 348-359.
- Participated in 10 days ISTE workshop by IIT Bombay on "**Solar Photovoltaics : Fundamentals, Technologies and Applications**".
- **Certificate of Excellence awarded by IIT Bombay for excellent performances** in 10 days ISTE workshop on "Solar Photovoltaics: Fundamentals, Technologies and Applications".

- A propose for submission of full length paper on “ *Effects of wind energy policies in the top five states of India*” by **B.K Sahu**, M.Hiloidhari and D.C Baruah.
- A propose for submission of full length paper on “ *Effects of wind energy policies in the top five countries*” by **B.K Sahu**, M. Hiloidhari and D.C Baruah.
- Participated two days National Seminar workshops on **Power Electronics and Energy Systems** in Gandhi Institute for Education and Technology, Khordha.
- Publication of one article on “ *At Empa, Flexible thin film made records with the efficiency of 20.4%*” by **Bikash Kumar Sahu** in the *Alternate Energy Emagazine*.
- Publication of one article on “*Global wind energy capacity boomed with cumulative installed capacity by 282.43 GW: A short summary*” by Bikash Kumar Sahu in the international e-magazine *Alternate Energy Emagazine* and *Global Wind Energy Council press*.
- Publication of one article on “*Congo targets to invests \$12 billion power plant by 2015: Said by Ministry of Energy*” in the International e-magazine *Alternate Energy Emagazine*.
- Publication of full length research paper on “**Designing and testing of the battery formance of a PIC microcontroller based solar wind hybrid system during the load and no load conditions**” in *International Congress on Renewable Energy (ICORE-2013)*, by Bikash Kumar Sahu and P.K Choudhury. (Accepted)

#### **JOINING AS A REVIEWER:**

- International Journal of Renewable Energy Development (IJRED)

#### **VOCATIONAL TRAINING:**

Underwent vocational training in two phases during 2<sup>nd</sup> and 3<sup>rd</sup> year of my degree in electrical engineering (B.E) of 30 days each.

#### **EXPERIENCES :**

Two years teaching experience in the department of Electrical Engineering as the lecturer in O. I.E.T Engineering college, Dhenkanal, Odisha from year 2008-2010.

Now joining as Asst. Prof. in Department of EEE in Gandhi Institute for Education and Technology , Bhubaneswar since July 16<sup>th</sup> 2012.

#### **SELF SKETCH:**

An enthusiastic, workaholic, dynamic, adventurer having a very good team spirit and loves to accept challenges in life and setup new milestones in the journey to success.

#### **PROJECT WORK DID DURING M.TECH:**

A PIC microcontroller based solar wind hybrid system for rural area development.

#### **AREA OF INTEREST:**

- Solar PV power plant

#### **COMPUTER SKILLS:**

- Windows
- MS office
- MATLAB
- C , C++,Data structure

- Wind energy
- Energy auditing and management
- Electrical power system

**REFERENCES:**

**Prof. S.K. Samdarshi (Prof.)**

Department of Energy  
Tezpur University  
Napam-784028, Assam

**Prof. D.C Baruah, (HOD Prof.)**

Department of Energy  
Tezpur University  
Napam-784028, Assam

**Sadhan Mahapatra (Asst. Prof.)**

Department of Energy  
Tezpur University  
Napam-784028, Assam

**P. K. Choudhury (Asst. Prof.)**

Department of Energy  
Tezpur University  
Napaam-784028, Assam

**DECLARATION:** I consider myself familiar with engineering aspects and have the ability to do the hard work. I hereby declare that the information furnished above is true to the best of my knowledge.

*Bikash Kumar Sahu*

**(Bikash kumar sahu)**