**Name: Mr. Jitu Prakash Dhar**

B.Sc. Engg. (EEE).

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Lecturer

Department of Electrical and Electronic Engineering

Chittagong University of Engineering and Technology

Chittagong-4349, Bangladesh.

**Education**

B.Sc. Engineering

Department of Electrical and Electronic Engineering, Chittagong University of Engineering and Technology (CUET), Chittagong-4349, Bangladesh.

*Degree Awarded:* October 2015.

*CGPA:* 3.92 out of 4 (Position: 1st position out of 132 students).

Thesis Titles:

*B.Sc. Thesis:*

* Design & Implementation of Optical Wireless Communication Link Using Li-Fi (Light Fidelity) Technology.

**Professional Experience**

* *Lecturer,* Department of Electrical and Electronic Engineering, Chittagong University of Engineering and Technology (CUET), Chittagong-4349, Bangladesh, May, 2016 to till now.

**Research Interest**

* Renewable Energy.
* Signal Processing
* Silicon photonics & graphine technology

**Publications**

1. Paper ID: I097124  
   Paper Title: Utilization of the Image Processing Concept for Serially Communicating an Image in Li-Fi Environment Using MATLAB  
   Author\*: Jitu Prakash Dhar

**Publisher: IJSER Volume 8, Issue 3, March 2017 Edition**.  **(ISSN 2229-5518), page no. 1971-1975.**

1. Paper title: Ultrasonic Ride Height Monitoring of Automobile by Cross-correlation.

Authors: Md. Manjurul Gani\*, Jitu Prakash Dhar, Dr. Md. Saiful Islam

**Publication details:**  **JECET; June 2017-August 2017; Sec. C; Vol.6. No.3, 275-285. DOI: 10.24214/jecet.C.6.3.27585,**  **E-ISSN: 2278–179X**

1. Paper ID: 7340  
   Paper Title: High Performance Cost Effective Formalin Detector Using Conductivity Property

Authors: Adharaa Neelim Dewanjee 1, Mrinmoy Dey 2, Muhammad Rashedul Haq Rashed 3, Anik Muhury 4 and Jitu Prakash Dhar.

**Publisher: Proceedings of the 2017 (IEEE) 4th International Conference on Advances in Electrical Engineering (ICAEE), 28-30 September, 2017, Dhaka, Bangladesh, page no. 653-658.**

1. **Paper ID: IRJAES-V3N1P491Y18**

Paper Title: Economic Feasibility Study of an Optimized Hybrid Energy System for Chittagong

Hill Tract Region of Bangladesh

Authors: Jitu Prakash Dhar1, Mrinmoy Dey2

**Publisher: *International Research Journal of Advanced Engineering and Science*, Volume 3, Issue 1, pp. 76-79, 2018. ISSN (Online): 2455-9024.**

1. Paper ID: 61102  
   Paper Title: Barriers of biomass energy and their potential solutions for remote areas of Bangladesh.

Authors: Jitu Prakash Dhar1 and Adharaa Neelim Dewanjee2.

**Publisher: Proceedings of the 2017 (IEEE) 3rd International Conference on Electrical Information and Communication Technology (EICT), 7-9 December 2017, Khulna, Bangladesh.**

1. Jitu Prakash Dhar, Md. ManjurulGani, and Md. Saiful Islam, "An Efficient Fire Sprinkler System Based on Ultrasonic Distance Measurement," International Journal of Structural and Civil Engineering Research, Vol. 7, No. 1, pp. 72-75, February 2018. doi: 10.18178/ijscer.7.1.72-75.( [ICCNT2017-CN009](http://www.ijscer.com/uploadfile/2018/0309/20180309050537558.pdf))

**Some more papers are to be published recently in different journals and conferences.**

**Professional Awards and Prize Received:**

|  |  |  |
| --- | --- | --- |
| Year | Award /Prize | Name & Location of Institution |
| 2008 | SSC merit scholarship | Chittagong Education Board, Bangladesh. |
| 2009 | 134th position in Chemistry olympiad | Bangladesh Chemistry Association. |
| 2010 | HSC merit scholarship | Chittagong Education Board, Bangladesh. |
| 2012 | Session Merit award(Bronze Medal) | CUET Ex students association, CANADA. |
| 2013 | Session Merit award(Bronze Medal) | CUET Ex students association, CANADA. |
| 2016 | University gold medal awarded by honorable president of Bangladesh. | Chittagong University of Engineering and Technology (CUET), Chittagong-4349, Bangladesh. |
| 2018 | Prime minister Gold medal Award by honorable prime minister of Bangladesh. | University Grants Commission (UGC) of Bangladesh. |

**Language Proficiency**

(i) I appeared the IELTS examination and obtained an overall score of 6.0.

Test Date: 24 September, 2016.

Score in details: Listening=6.0 Reading=6.5 Writing=6.0 Speaking=5.5 Overall=6.0

(ii) The medium of instruction in the undergraduate level was English.

**Referees**

[1] **Dr. Md. Azad Hossain**

Assistant Professor ,

Department of Electrical and Electronic Engineering,

Chittagong University Of Engineering & Technology,

Chittagong-4349, Bangladesh.

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[2] Mr. Nipu Kumar Das

Assistant Professor,

Department of Electrical and Electronic Engineering,

Chittagong University Of Engineering & Technology,

Chittagong-4349, Bangladesh.

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