



**Academic Experience:** 7+ years

**Currently Teaching (UG):**

- Discrete Structures
- Computer Architecture and Organization
- 8085 Microprocessor
- Data Communications and Computer Networking

**Areas of Interests:** Distributed System, Cloud Computing, Parallel Computing.

**Recent Publications (Journal):**

1. **S.Basu**, “Dawn of Digital Education in India: Crux and Cure”, *IJARCS* (International Journal of Advanced Research in Computer Science), Vol. 8, No. 5, May-June 2017, pp. 164-165.
2. **S.Basu**, “A Novel Approach To Reduce Network Traffic In Cloud Environment”, *IJAET* (International Journal of Advances in Engineering & Technology), Vol. 9, Issue 6, December 2016, pp. 630-633.

**Chapters in Books:**

1. **S.Basu**, “Consumerism of E-products and Its Global Effect on Climate Change” in *Climate Change: Issues and Challenges to Society, Environment and Development*, ISBN 978-81-929776-1-4, pp. 91-97, 2016.
2. **S.Basu**, “A Comprehensive way to Determine API Score” in *Education for ALL: Issues, Challenges and Perspectives*, ISBN: 978-93-5267-710-8 , pp. 183-185, 2017.

For details visit: [https://www.researchgate.net/profile/Sandipan\\_Basu4](https://www.researchgate.net/profile/Sandipan_Basu4)

**Papers /Posters Presentation in National/International Seminars/Conferences:**

1. Poster presentation in *National Symposium on “Quality Assurance in Higher Education”*, at UGC-HRDC Jadavpur University, Kolkata (2<sup>nd</sup> runner-up).
2. Paper presented in *UGC-sponsored One-Day International Seminar on “Education For All: Issues, Challenges, and Perspectives”*, at Government Training College, Hooghly.
3. Paper presented in *UGC sponsored National Seminar on “Climate Change: Issues and Challenges to Society, Environment and Development”*, at Haringhata Mahavidyalaya, Nadia.
4. Poster presentation in *UGC sponsored National Seminar on “Environmental Awareness: Demand of the Day”*, at Bhawanipore Education Society College, Kolkata.

**Invited Talks:**

1. Talk on “Recent Trends in Virtual and Parallel Computing”, Department of Computer Science and Technology, BBIT (*Budge Budge Institute of Technology*), Budge Budge.

**References:** Available on request.