

# NABHASMITA SEN

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## SUMMARY

Pursuing PhD from IIT Hyderabad and currently in 3<sup>rd</sup> Semester

## ACEDAMIC DETAILS

| Year (Duration) | Degree                 | Institute   | Board/University |
|-----------------|------------------------|---|------------------|
| 2014-2016       | M.Tech                 | IIT Kharagpur, India  | IIT              |
| 2010-2014       | B.E.                   | Shri G.S. Institute of Technology and Science(SGSITS, Indore) | RGPV             |
| 2008-2010       | H.S.                   | Jolaibari H.S. School, Tripura                                | TBSE             |
| 2007-2009       | 10 <sup>th</sup> Board | Brintak Siksha Niketan, Tripura                               | TBSE             |

## IT TECHNOLOGY

Programming Languages : C, C++, Java, Python,HTML,CSS

Database : MySQL, Oracle.

## ACHIEVMENTS /AWARDS

- 2008 Accolades for performance in Secondary Examination.
- 2010 Scholarship from North East Council for performance in Tripura Joint Entrance Exam.
- 2014 got **AIR** 241 in GATE Computer Science.

## SUBJECTS STUDIED

Compiler Design, Operating Systems, Computer Organization, Algorithms, Automata Theory, Database Management Systems, Information retrieval, Computer Networks, Topics in Wireless Networks.

**Seminar given:** Storage Area Network (SAN)

## Master's Thesis

On 3D Circles and Local Topological Properties of Naive Discrete Sphere:

The objective of the work is to find local topological properties of discrete spherical surface and with the help of those properties introduce an efficient reconstruction algorithm for discrete 3D spheres when sphere is sparse and noisy.

## PROJECT DETAILS

### Project -3(2014)

Topic: Wikification of NPTEL videos.

Aim: to choose the words from NPTEL video and link them to Wikipedia document.

No of members -4

Summary: Take a video and choose the important tokens from that for which links need to be provided then give an exact Wikipedia link for that token.

### Project – 2(2013-14)

Topic: Development of E-Commerce Website

Aim: Developing an e-commerce website using JDBC, Servlet, JSP and HTML.

No of members: 5.

Summary: This project allows customer to select products of their own choice from list of products, adding to cart, providing shipping address and see the total payment to be done.

### Project – 1(2012)

Topic: Hostel Management Systems

Aim : To allow seekers to choose hostel according to location, rent etc, complaint system for the hostellers and management of data for the admin.

No of members: 3.

## PUBLICATION

1. A Framework for Integrating MPTCP over LWA: A Testbed Evaluation. Thomas Valerrian Pasca Santhappan, **Nabhasmita Sen**, Venkatarami Reddy, Bheemarjuna Reddy Tamma, A. Antony Franklin. WiNTECH Mobicom 2018.
2. On Some Local Topological Properties of Naive Discrete Sphere, **Nabhasmita Sen**, Ranita Biswas, Partha Bhowmick in CTIC 2016.

## Work Experience

Worked in Mentor Graphics, a Siemens business from June, 2016 to July, 2017 in optimization of VHDL simulator.

Language Used: C

## PERSONAL INFORMATION

Date of Birth : 1<sup>st</sup> November, 1991  
Father's Name : Mr Rakhal Chandra Sen  
Address (temp) : Block J, Indian Institute of Technology Hyderabad,  
Kandi, Telengana, 502285