Suklav Ghosh

Krishnagar, Nadia, West Bengal
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EDUCATION

Ramakrishna Mission Vidyamandira | B.Sc.
JULY 2018 – JULY 2021, BELUR MATH
CGPA: 9.45

Krishnagar Collegiate School (Govt.) | 12th
MAY 2016 - JUNE 2018, KRISHNAGAR, NADIA
Total Marks: 77.6%

INTERNSHIPS

1. Indian Institute of Technology, Kanpur (Summer, 2019)
HASKELL PROGRAMMING AND ITS APPLICATION TO GRAMMAR ANALYSIS

2. Indian Institute of Technology, Kharagpur (Winter, Dec '19 – Jan '20)
EMBEDDED SYSTEM DESIGNING [USING ARDUINO AND RASPBERRY]

PROJECTS

1. Ramakrishna Mission Vidamandira, Belur Math (Jan '20 –Sept'20)

RAMAKRISHNA MISSION VIDYAMANDIRA E-LEARNING PORTAL
(A Django based Learning Management System – dynamic Web Framework)
(Guide: Prof. Sarbajit Manna, Assistant Professor, Dept. of Computer Science)

2. Ramakrishna Mission Vidamandira, Belur Math (Jan '20 –Sept'20)

ARDUINO BASED REAL TIME AUTOMATIC COLLEGE BELL SYSTEM
(Guide: Dr. Ranjit Das, Assistant Professor, Dept. of Computer Science and electronics)

CERTIFICATIONS

1. Divide and Conquer, Sorting and Searching, and Randomized Algorithms
Stanford University [Instructor: Prof. Tim Roughgarden] : Grade: 96.20%

2. Graph Search, Shortest Paths, and Data Structures
Stanford University [Instructor: Prof. Tim Roughgarden] : Grade: 95%

3. Greedy Algorithms, Minimum Spanning Trees, and Dynamic Programming
Stanford University [Instructor: Prof. Tim Roughgarden] : Grade: 95%

4. Introduction to Programming in C: NPTEL, IIT KANPUR

COMPUTER PROFICIENCY

C, C++, Java, Haskell, MYSQL, HTML, Python, Django.

SUBJECTS OF INTEREST

1.Theoretical Computer Science
Algorithm, Complexity Theory, Automata, Cryptography, and

2.Artificial Intelligence

LANGUAGES

English, Bengali, Hindi.

HOBBIES:

Recitation, Computer Programming, Travelling.

MEMBERSHIPS:

1. Global Member, International Association for Engineers (Membership No. 245815).

2. Global Member, Internet Society, Asia Pasific(Membership No. 2185481)

3. Member of Students' Council(The Vidyarthi Samsad), Ramakrishna Mission Vidyamandira,Belur Math

5. Problem Solving Through Programming in C: NPTEL, IIT Kharagpur

Under Supervision of Dr. Anupam Basu, Associate Prof., IIT Kharagpur

6. Discrete Mathematics: NPTEL ,IIT- Ropar.

Under Supervision of Dr. Sudarshan Iyengar, Assistant Professor, IIT- Ropar

ACHIEVEMENTS

1. Ranked 10th on the National Level (IEEE) Coding Competition organized by VisvaBharati University, Shantiniketan .

2. Topper at NPTEL on the course: "Introduction to Programming in C" (Aug – Oct '18), IIT- Kanpur.

3. Silver Medal from NPTEL, as a topper(Top 2%) on the Course: " Problem Solving Through Programming In C" (Jan –Apr'19) , IIT-Kharagpur.

4. Ranked 1st in the National Level Contest "Editathon" Held on 19th August 2019, Organized by SCCI Lab, IIT – Ropar and SWAYAM – NPTEL, Powered By MediaWiki(Dmwiki).

5. Silver Medal from NPTEL on the Course "Discrete Mathematics"(Jul – Nov '19), IIT Ropar

6. Got 96.2% Grade on the courser online course : "Divide and Conquer, Sorting and Searching, and Randomized Algorithms"

PARTICIPATIONS

1. National Level Coding Competition By St. Xavier's College, Kolkata

2. One Day National Level Conference on Advancement in Computation, Communication and Electronics Paradigm (ACCEP-2019) , By Ramakrishna Mission Vidyamandira, Belur Math.

3. One-day National Level Seminar on "Information Processing in the Paradigm of Computational Biology", Sponsored By DBT, Govt. of India, organized by Ramakrishna Mission Vidyamandira, Belur Math.

4. One-day National Level Hands on Workshop on "Information Processing in Computational Biology (IPCB–2020)", Sponsored By DBT, Govt. of India, organized by Ramakrishna Mission Vidyamandira, Belur Math.

5. One-day international Level Webinar on CYBER SECURITY by Dr. Sandeep K. Shukla, HoD, CSE, IITK jointly organized by PSIT-IEE and IITK.

TALKS AND PRESENTATIONS ON SEMINAR / COLLOQUIUM

1. "Introduction to Functional Programming In Haskell", Student Colloquium, Ramakrishna Mission Vidyamandira, Belur Math, Howrah on 1st Aug'19 .

SPONSORED INDUSTRIAL / EDUCATIONAL VISITS

1. Visit To " Variable Energy Cyclotron Centre (V.E.C.C.) " Kolkata Centre , With Prof. RanjitDas, Assistant Professor, Dept. Of Computer Science And Electronics, Ramakrishna MissionVidyamandira,Belur Math, Howrah.[5th April, 2019].

REFERENCES

Available upon request.