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**Devasmit Dutta 18CE01003**

**Civil Engineering B. Tech - 3rd Year**

**Indian Institute of Technology, Bhubaneswar Male**

**DOB: 31/01/2001**

**Examination University Institute Year CGPA/%**

Till 4th Semester IIT Bhubaneswar IIT Bhubaneswar 2020 8.20

Intermediate/+2 CBSE Kendriya Vidyalaya 2018 89.60

Khanapara, Guwahati

Matriculation CBSE Kendriya Vidyalaya 2016 10.0

Khanapara, Guwahati

**SCHOLASTIC ACHIEVEMENT**

* Ranked in top 2% in the **Joint Entrance Examination (Main)** [2018]
* Ranked 7,106th (of 2,31,024 students ) in **Joint Entrance Exam.(Advanced)** [2018]
* Secured 572nd rank in **IIST** Ranking List [2018]
* Secured 31st rank in the State Engineering Entrance Exam. Assam **(CEE)** [2018]
* Recipient of offer for admission in 5year BS-MS course in **IISER**,Trivandrum [2018]
* Ranked 185th  in the International Ranking List and 3rd in Zonal Ranking

List of 12th **International Mathematics Olympiad** by **SOF** [2018]

* Ranked 3rd in Integrated M.Sc. (Mathematics) in **Tezpur Central University**

Examination. [2018]

* Ranked 2nd in Integrated B.Sc.B.Ed (Mathematics major) in **Tezpur Central**

**University** Examination. [2018]

* Secured 97.3509 percentile in **NEST.** [2018]

**POSITION OF RESPONSIBILITY**

* Worked as an Associate member of Alma Fiesta (the socio cultural society of IIT BBS) during 1st year.
* Mentor in Academic UG council of IIT BBS.

**KEY ACADEMIC COURSES**

* Probability Statistics and Stochastic Process.
* Programming and Data Structures.
* Engineering Mechanics.
* Electrical Technology.
* Basic Electronics.
* Digital Logic Systems.
* Control Systems Technology.
* Introduction to Economics.
* Solid Mechanics.
* Civil Engineering and Construction Materials.
* Soil Mechanics.
* Structural Analysis.
* Hydraulics.
* Water Resources Engineering.
* Design of RC Structures.

**TECHNICAL COURSES AND WORKSHOPS**

* Learned Introduction to **Machine Learning** and Applied **Data Science**, by **Internshala**.
* Learned **IT Automation** and **Basics of Words and Image Processing**, in Python, by **Google-Coursera**.
* Learned ***Data Analytics*** with Lean Six Sigma, by **University of Amsterdam-Coursera**.
* Selected in the Winter Internship Training Programme at **ONGC Academy, Dehradun.**
* Attended an online workshop offered by the ***FOSSE Project*** at **IIT Bombay**, in August 2020, on "**Course on Basic Programming using Python**", and secured grade "**A**".
* Attended the **Indian Society of Earthquake Technology** Webinar Series, (Seven episodes) conducted by **IIT Roorkee**

**SOFTWARE SKILLS**

* **Languages** : C, C++, Python
* **Packages & Tools** : MATLAB, MINITAB, Basics of AUTO-CAD, Jupyter.

**PROJECT EXPERIENCE**

* Secured Runner up position on the case study ***Rejuvenation of the River Ganga*** *in* the **Civil Conclave** by **IIT Roorkee.**.
* Delivered a PPT presentation on the topic "**Earthquake resistance and its importance in Structural Engineering**" as a part of academic curriculum of **IIT BBS.**
* Worked in a research assignment, on **"*Optimum Pipe configuration in different series and parallel combination, that requires minimum input power supply* "** by simultaneous MATLAB simulation, as a part of *Hydraulics* course at **IIT BBS**

**EXTRA CURRICULAR ACTIVITY**

* Secured 1st Division with distinction in 2nd Year ***Sangeet Bhusan*** of **Classical Vocal** of **Prachin Kala Kendra, Chandigarh**. [2015].
* Secured Proficiency certificate in **Painting** by the **North East Zone Cultural Centre, Govt. of India.** [2016]
* Participated in 11th AISSQ Conference on "***Mathematics and Reality"*** at IIT BBS [2018]