



# Tanmoy Sarkar

Fresh Graduate



1 August, 1998



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## About me

A self motivated enthusiast who likes challenges. A fun loving person, but, also serious about the personal goals. Someone who loves to engage with people and prefers to test the tough situations with analytical thinking.

## Skill

Solidworks and AutoCAD



Arena



Matlab



C Programming



Catia



Microsoft Office(Excel,Powerpoint,Word)



Communication



Analytical thinking



Leading



(\*)[The skill scale is from 0 (Fundamental Awareness) to 6 (Expert).]

## Extra-curricular Interests and Hobbies

\*Singing and Guitar playing, \*Travelling, \*Sports, \*Cultural activities,Gardening,Indoor Games, etc.

## Education

2017-2022	BSc. in Industrial and Production Engineering. <i>Bangladesh University of Engineering and Technology(BUET).</i>	CGPA-3.00
2014-2016	Higher Secondary Certificate Milestone College	GPA-5.00
2013-2014	Secondary School Certificate Islampur A.K.R.I. High School	GPA-5.00

## Projects

2022	Designed and manufactured an Automated Drain Cleaner which collects clogged wastes automatically and places them in the container.
2021	Designed a Stair Climbing Weight Lifter in solidworks and analyzed the strength of the structure in Ansys.

## Thesis

2021-2022	Formulated a Production Inventory Model for various Carbon-Tax policies under non-linear time dependent demand.
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## Experiences

2022	Artisan-Craft(BD) Ltd.	Industrial Attachment
	Completed industrial training in Artisan-Craft(BD) Ltd.We proposed a design to reduce the production time of a product and the proposed design has been implemented already.	
2022	British American Tobacco	Industrial tour
	Visited British American Tobacco and observed their production processes and gathered numerous insights on those.	
2018-2019	BUET Students Association of Brahmanbaria(BSAB)	Joint Secretary
	Worked as a Joint Secretary in BSAB.Organized a few cultural programs during the period.	
From 2017	Light for the Confused	Founding Member and AGS
	We formed a non-profit organization which helps to guide and assist under-privileged brilliant students who are preparing for the admission tests.	

## Relevant Courses

- \* Supply Chain Management,Industrial Business Management.
- \* Operations Management,Scheduling,Line Balancing.
- \* Quality Control,Lean Manufacturing.
- \* Operations Research,Optimization.
- \* Manufacturing Processes,Product Design,etc.

## References

Dr. Ferdous Sarwar, Head of dept. of IPE,BUET.

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Ashibul Hossain,Area Manager,Berger Paints Bangladesh Ltd.

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