



**Mrinal Mishra**  
**Civil Engineering**  
**Indian Institute of Technology, Bombay**  
**Specialization: None**

**110040049**  
**UG Second Year**  
**Male**  
**DOB: 28/08/1992**

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	7.96
Intermediate/+2	CBSE	St. Anne's Sr. Sec. School	2010	94.20
Matriculation	CBSE	St. Anne's Sr. Sec. School	2008	87.00

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#### ACADEMIC ACHIEVEMENTS

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- Secured All India Rank **1307** in IIT-Joint Entrance Examination 2011 (**top 0.4%** out of **4,85,000**).
- Secured All India Rank **2383** in All India Engineering Entrance Examination 2011 (**top 0.4%** out of **10,50,000**).
- Secured All State Rank of **42** in Rajasthan Pre Entrance Examination 2011 (**top 0.1%** out of **70,000**).
- Secured **61**(State rank) and **656**(Olympiad Rank) in **International Informatic Olympiad 2009** organised by Computer Literacy Foundation.
- Awarded **Mathematical Genius Award** for securing **4<sup>th</sup>** rank in rajasthan in **Maths Genius Search** organised by **SRIJAN,Dainik Bhaskar** in 2007.
- Awarded a medal of excellency for securing **1<sup>st</sup>** position among all students of batch 2010.
- Awarded scholarship by **State Bank of India** through incentive scheme for meritorious children of staff pursuing professional courses at elite institute in India.

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#### ACADEMIC PROJECTS

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**C++ Project** (Guide: *Prof.D.B.Phatak*)

(<sup>'11</sup>)

- Created **Star War** game using **user controlled graphic interface**.
- Created an algorithm to move the star in random but continuous path.
- Used array,file handling,graphics using EZ Windows.

**RF Circuit powered vehicle**

('11)

- Designed a wireless, RF Circuit powered vehicle under the programme **Techone**.
- The objective was to complete a track, with several mechanical obstacles, in minimum amount of time.

**Signal Tracer (Guide : Prof Siddhartha Duttagupta)**

{ongoing}

- Studying working of op-amps to trace signals and amplify it.

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**TECHNICAL SKILLS**

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- **Programming Languages/Tools:** Java, C/C++, HTML, MATLAB, SCILAB.
- **Operating Systems:** Microsoft Windows, Ubuntu (Linux).
- **Application Softwares:** Microsoft Office, Adobe Photoshop, Adobe After effects, Sony Vegas.

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**RELEVANT COURSES**

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Solid Mechanics	Fluid Mechanics
Computer Programming and Utilization (C++)	Linear Algebra
Differential equation	Calculus
Economics	Chemistry
Engineering Drawing	Electricity and Magnetism
Introduction to Electrical and Electronics	Data Analysis and Interpretation
Power Electronics	

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**EXTRA CURRICULAR ACTIVITIES**

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- Awarded medal in essay writing competition held by **Central Arid Zone Research Institute** and **Ministry of Earth Science, Govt. of India**. {08'}
- Member of the **National Sports Organisation** for Yoga. {Aug 11'-March 12'}
- House **Vice-Captain** of St. Annes School, Jodhpur. {08'-10'}
- Participated in **Volleyball General Championship** 12'.
- Scripted, edited and acted in a short film screened in **IIT Bombay Filmfest** 12'.
- **4<sup>th</sup>** among 35 entries in **Freshmen Movie Making Competition** 11'.
- Part of **Guinness and Limca Book of Records** for maximum number of people solving rubik's cube at a time. {11'}

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**POSITIONS OF RESPONSIBILITY**

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- Currently working as **Co-ordinator** at **Mood Indigo** 12'.
- Currently working as **Co-ordinator** at **Techfest** 13'.
- **Organizer, Mood Indigo, IIT Bombay** ('11)
- **Organizer, Techfest, IIT Bombay** ('12)

