

Kaja Ameeruddin Mohammad Electrical Engineering Indian Institute of Technology, Bombay 09007035

UG Third Year (B.Tech.)

Male

DOB: 12-03-1991

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2011	5.73
Intermediate/+2	Intermediate Board of Education, Andhra Pradesh	Narayana Junior College	2009	96.00
Matriculation	Central Board of Secondary Education	Jawahar Navodaya Vidyalaya	2007	88.00

SCHOLASTIC ACHIEVEMENTS

- Secured All India Rank 485 (OBC-51) in IIT JEE-2009 out of over 4 lakh students
- Secured a Seat in Jawahar Navodaya Vidyalaya (JNV) Common Entrance Examination-2002
- Scored **96%** marks in Intermediate Examination-2009

AWARDS AND SCHOLARSHIPS

- Recipient of IIT Bombay Merit cum Means Scholarship
- Received **Gold Medal** from Hyderabad Zakat Trust, Andhra Pradesh for excellence in academics
- Received 'The Gems of Siddipet' award from SAFA Society, Andhra Pradesh for excellence in academics
- Received Cash Prizes from Urdu Academy, Ramky Foundation and First Bench Society, Andhra Pradesh for excellence in academics

KEY PROJECTS UNDERTAKEN

- National Unique Identity Project : (Guide: Prof. Deepak B Phatak)
 - A team of 80 members worked on the Institute Project Fingerprint Analysis and Recognition
 - I was involved in Creating and Managing a database for fingerprints, devising algorithms and writing code (C++) for matching them
 - It is used in Biometrics as a form of identity access management and access control
- Linear System Solver Circuit: (Guide: Prof. Udayan Ganguly) (2011)
 - Designed a digital circuit which can solve 2 linear equations with integral coefficients
 - Implemented the circuit using basic gates and flip-flops, with coefficients as inputs

TECHNICAL SKILLS

Programming Skills	C, C++, HTML, PHP, 8085 Assembly, Verilog
Software tools	Matlab, Eagle, LTspice, Latex, Dreamweaver, Adobe Photoshop
Operating Systems	Windows, Linux

POSITION OF RESPONSIBILITY				
•	Coordinator, Techfest (Asia's largest Technical Festival at IIT Bombay)	(2011)		
•	Organiser, Techfest	(2010)		
•	Organiser, Moodindigo (Asia's largest Cultural Festival at IIT Bombay)	(2009)		
•	Served as School Leader at School	(2007)		

AREAS OF INTEREST

- Management & Networking
- Electrical and Electronic Projects
- Animation, Web Design and Development

EXTRA CURRICULARS

• CULTURAL:

Selected for International Children Film Festival

(2006)

- Actively organised events in **TELCA** a cultural association of IIT Bombay
- Won many awards in events like Elocution, Quizzing, Essay writing

SPORTS:

■ Team member of **Institute Kho-Kho team** (current)

Represented the School at Regional Level in Kho-Kho Championship (2007)

Lead the hostel team (school) in winning **Overall Championship** (2006)

• TECHNICAL: (2009)

- Participated in F-1 Car Racing event organised by TECHNIC Technical club of IIT Bombay
- Made an electronic 4-wheel drive F-1 car bot. The car was remote controlled using wireless transmission and Unique Key System was used to avoid foreign frequency interruption

• NCC: (2010)

- Was a NCC Cadet in 2MAH ENGR REGT
- Successfully completed the Camp and secured B certificate in Army Division

COURSES UNDERTAKEN

*Courses to be completed by Summer 2012

Electrical Engg.,	Intro' to Basic Electrical Engg., Intro' to Electronics, Electromagnetic Waves, Electronic Devices, Signals & Systems, Communication Systems, Analog Circuits, Network Theory, Power Electronics, Digital Systems, Control Systems*, Digital Signal Processing*, Digital Communications*, Power Systems*	
Basic Sciences	Calculus, Linear Algebra, Differential Equations, Complex Analysis, Electricity & Magnetism	
Institute Courses	Intro' to C++ Programming Language, Data Analysis & Interpretation, Instrumentation & Measurement Lab	
Other Courses	Economics, Philosophy, Probability & Random Process, Engineering Drawing, Mechanical Workshop	