

AYUSH RUIA

E-MAIL AYUSHRUIA@GMAIL.COM
D-229 R.P. HALL OF RESIDENCE, I.I.T. KHARAGPUR-721302, INDIA • PHONE +91-9331250623

EDUCATION

B.Tech. in Electrical Engineering, Indian Institute of Technology (I.I.T.) Kharagpur, India.	2007-Present
<ul style="list-style-type: none">C.G.P.A. : 8.41/10.	
Indian School Certificate Examination (ISC) 2007, Standard XII, M. P. Birla F. H. S. School, Kolkata, India.	03-2007
<ul style="list-style-type: none">Percentage – 92.75%.Mathematics – 100% Physics – 97% Chemistry – 86%.	
Indian Council of Secondary Examinations (ICSE) 2005, Standard X, M. P. Birla F. H. S. School, Kolkata, India.	03-2005
<ul style="list-style-type: none">Percentage – 95.6%.Mathematics – 99% Science – 94%.	

ACADEMIC ACHIEVEMENTS

Recipient of MITACS Globalink scholarship 2010.	01-2010
Recipient of Jagadis Bose National Science Talent Search Scholarship (JBNSTS 2008).	01-2008
Secured All India 1 st position in All India Engineering Entrance Examination (A.I.E.E.E. 2007) (Bachelor of Architecture).	04-2007
Invited to Council for Scientific and Industrial Research (CSIR), Govt. of India, Programme on Youth for Leadership in Science (CPYLS), only for selected students with outstanding results in Secondary Examinations of various boards in West Bengal.	12-2005
Attained National Stock Exchange of India's (NSE) Certification in Financial Markets: A Beginner's Module with 94%.	02-2008
Attained National Stock Exchange of India's (NSE) Certification in Financial Markets: Capital Market (Dealers) Module with 72.5%.	02-2008

PROJECTS/WORKSHOPS

B. Tech project : Design of D.C. to D.C. based converter under the guidance of Prof. D. Kastha.	
Head of the power supply design group of I.I.T. Kharagpur's first student satellite initiative named STUSAT-1.	
Design of Bio-Medical amplifier cum filter with a signal amplification up to 10000 and 10 KHz Bandwidth, for acquisition of Surface Electromyography signals.	
Design of data acquisition system in Lab View for acquiring and storing signals from N.I. Data acquisition device.	
Design of speed controlled D.C. motor drive.	
Design of Fibre-Reinforced Plastic tanks.	
Designed and implemented a circuit generating LC oscillations and also devised a counter to count the number of pulses generated.	

EXTRA-CURRICULUR ACTIVITIES

Represented West Bengal in the Sub-Junior Coxed Fours Event, in National Rowing Championships 2004 held at Kodaikanal, Tamil Nadu, India.	06-2004
Won the Gold Medal in Sub-Junior Single Sculls event at the West Bengal State Rowing Championship 2004.	09-2004
Captain of the School Rowing Team from 2004 to 2006.	2004-06
Won the Gold Medal in BRC Students' Inter-School Rowing Championship '04 in the Coxed Fours Event.	05-2004
Won the Best Disciplined School award in the above mentioned event.	05-2004
Represented the school at the 33 rd National Inter-School Rowing Championship 2005 held at Lake Club, Kolkata, India.	07-2005
Participated in Robotics winter workshop, conducted by Technology Robotix Society, where our team made a Mechanical Wall Climbing Robot.	12-2007
Attended the Summer VLSI Design Course offered by I.I.T. Kharagpur.	05-2009
Member of the Rajendra Prasad Hall Water Polo team which won Silver and Gold in the Inter-Hall Water Polo Championship, 2008 and 2009 respectively.	10-2008 03-2010

ELECTIVE COURSES

<ul style="list-style-type: none">Algorithms – I.Data and Computer Communication.	<ul style="list-style-type: none">Artificial Intelligence.Cost and Management Accounting.
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IT SKILLS

Programming Languages : C, C++, Matlab(Basic), Labview.
Simulation Software : AutoCAD, Cadence.
Operating Systems : Windows, Linux.