

Vivek Kumar Singh | 06SI2016

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Hometown: Jamshedpur

EDUCATION

Degree/Certificate	Institute/School	year passed/passing	% /CGPA obtained
5 year M Sc Integrated (Stat & Informatics)	IIT , Kharagpur	2011	6.97/10
Class XII	V.B.C.V , C.B.S.E board	2005	78.4
Class X	V.B.C.V , C.B.S.E board	2003	90.6

ACADEMICS DISTINCTIONS

Examinations

- Ø Qualified the first level of **Regional Mathematics Olympiad**, conducted by CMS
- Ø Certificate of **Distinctive performance** in The **National Science Olympiad**
- Ø Got an **All India Rank of 750** out of 100,000 Students in **N.S.T.S.E exam**
- Ø Top 1% of all students appeared in IIT JEE 2006

Scholastic Achievements

- Ø Got **3rd Prize** in model building contest in **International Geography Olympiad** conducted by CMS, Lucknow
- Ø Was a consistent school Topper and **ranked 3rd** in city in 10th Board
- Ø Represented and won many prizes for my school in various Inter School events
- Ø CFA level 1 candidate, have completed all the modules

INTERNSHIP/PROFESSIONAL EXPERIENCE

Bank of India, Jamshedpur

[may – july 2010]

TOPIC: “Performance of NON –PERFORMING ASSETS” of the Bank .

- Ø Studied the mechanism how the banks declare NPA according to RBI norms.
- Ø Suggested ideas from which banks could recover Substantial amount of their NPAs.
- Ø Prepared a Questionnaire for the existing customers of the Bank for better understanding

Achievement: “Due to my recommendations Bank could recover substantial amount of NPA”

University of Pisa, Italy

[may –july 2009]

TOPIC: “Small Area Estimation applied to EBLUP estimators”

- Ø Studied how Small area estimation is done using EBLUP estimators and also the R-code Written to find those estimates
- Ø Optimized the R-code written to Find EBLUP estimates
- Ø My idea was implemented in the R-code

Achievement: “There was a significant decrease in the computational time of calculation of these estimates”

RELEVANT COURSES :

Prob & Statistics ,Statistical Inference ,Regression Analysis ,FODBMS ,Design of Algorithms ,Sampling techniques ,Econometrics
Genetic algorithms ,Financial Mgmt ,Design of Experiments ,Cost accounting , Time series and forecasting ,Stochastic process.

KEY PROJECTS AT INSTITUTE:

MASTERS THESIS (CURRENTLY WORKING ON)

DEFENCE DATE: MAY 2011 FIRST WEEK

Guide: Prof. S Mukhopadhyay , IIT Kharagpur

q Title : “**Privacy preserving data mining of sequential patterns for network traffic data**”

Price and Delivery Competition

§ Role of delivery frequency in supplier competition, Course – Supply chain Management

Family Budget Software

§ Optimization of expenditure using Differential evolution Strategy . (**judged one of the best in our class**)

POSITION OF RESPONSIBILITY

SCHOOL	<ul style="list-style-type: none">• Vice Captain and Head Member, Student Council<ul style="list-style-type: none">Ø In my tenure my house won the general championshipØ Ideas given by me in school council where implemented at the school• Founder & Co-Ordinator, Science and Maths Club<ul style="list-style-type: none">Ø Lead a team which won 3rd prize in International Geography Olympiad.Ø Science club motivated students and our school won prizes where earlier we could not qualify
IIT KGP	<ul style="list-style-type: none">• Head, Control Tent, Spring fest (08-09)<ul style="list-style-type: none">Ø Managed the accommodation of various participants in spring fest• Captain, lights team of the Hall dramatics team<ul style="list-style-type: none">Ø Managed the lights in the dramatics of my hall
EXTRA CURRICULARS	<ul style="list-style-type: none">Ø Represented my school in Inter-school Basketball tournamentØ Member of Hall's Maths Olympiad teamØ .22 Rifle Training , Attended the National Cadet Crops camp at the Kalaikunda Air baseØ Won prizes in various quizzes for my School