

AGRAJ GUPTA

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FOURTH YEAR UNDERGRADUATE,
M.Sc. (Integrated) ECONOMICS,
HUMANITIES AND SOCIAL SCIENCES DEPARTMENT,
INDIAN INSTITUTE OF TECHNOLOGY, KANPUR, INDIA.

OBJECTIVE

I aspire for a challenging internship during summer(May 2011 to July 2011) which would exercise my Economics Knowledge & Technical skills. I hope to put to use my creativity, develop my interpersonal skills and explore my research oriented goals.

ACADEMIC BACKGROUND

Year	Class/Degree	College/Board	CPI/ PERCENTAGE
2012	M.Sc. (integrated)	Economics Discipline, Department of Humanities and Science, IIT Kanpur	7.2/10 (Till date)
2006	XII Standard	City Montessori School, RDSO Branch, Lucknow (ISC Board)	86.8%
2004	X Standard	City Montessori School, RDSO Branch, Lucknow (ICSE Board)	86.2%

AREAS OF INTEREST

Energy Economics, Environmental Economics, Policy Research, International Economics

ACADEMIC ACHIEVEMENTS

- Obtained above 99 percentile in Joint Entrance Examination-2007 conducted by Indian Institute of Technology (more than 0.35 million students appeared).
- Obtained above 99 percentile in AIEEE-2007 (more than 0.55 million students appeared).
- Project in Mechanical Engineering "Rail Road Switch" won the Best Project Award out of around 60 other projects in this category in November 2008

RELEVANT COURSES

ECONOMICS & MATHEMATICS

- Microeconomics
- Microeconomics Advanced(Game Theory & GE)
- Econometric Methods
- Econometric Practices
- Planning Techniques
- Money and Banking
- Environmental Economics
- Financial Economics*
- Macroeconomics
- Macroeconomics Advanced*
- International Economics*
- Economic Regulation & Intellectual Property Rights*
- Economic Problems and policy
- Input Output Technique*
- Industrial Economics
- Economic Analysis of Law*
- Introduction to Mathematical Economics
- Fundamentals of Computing
- Accounting for Management*
- Probability & Statistics
- Real Analysis & Calculus
- Complex Analysis and Linear Algebra
- Differential Equations
- Professional Communication

OTHER FIELDS

- Introduction to Sociology
- Introduction to Philosophy
- Ethics & Society
- Engineering Drawing/ Technical Arts
- Manufacturing Process & Technology
- Nature & Properties of Materials
- Introduction to Electronics
- Physics I(Mechanics)
- Physics II(Electrodynamics)

*indicates a course in the current academic year (will be completed by April 2011)

INTERNSHIP

INDIRA GANDHI INSTITUTE OF DEVELOPMENT RESEARCH, MUMBAI, INDIA

Sustainable Development Indicators

May'10-July'10

- Under the Guidance of Dr. B. Sudhakara Reddy.
- Worked on the part of designing criteria for selection of best indicators for sustainable development.
- Collected Secondary Data from multiple sources.

CONFERENCE

Delhi International Renewable Energy Conference (DIREC) 2010

October 27-29, 2010

- Up-scaling and Mainstreaming Renewables for Energy Security, Climate Change and Economic Development

PROJECTS

- **Implications of Trade Reforms/Liberalization between India and Japan: TRIST Analysis**** (Guide : Dr. Somesh Mathur)
 - ✓ Analysis of the impact of trade (and other) policy changes on output, employment, consumption and welfare.
 - ✓ This analysis will help to enhance positive interventions that control the adjustment costs, and so maximize the overall positive economic benefits of trade reform.
 - ✓ It will also try to investigate the negative implications of policy reforms on India.
 - ✓ Application of Tariff Reform Impact Simulation Tool (TRIST)
- **Locational choice of firms: Agglomeration** (Guide : Dr. S.K. Mathur)
 - ✓ Dealt with computation of Agglomeration Index, and the way it is affected by several determinants.
 - ✓ This study was done for India. But it will prove to be useful for other developing as well as developed countries too.
 - ✓ Collected data from multiple sources.
- **Firm size and R&D Performance: A firm level study of Indian Pharmaceutical Industry** (Guide : Dr. S.K. Mathur)
 - ✓ Checked dependence of R&D expenditure on size, patenting, liberalization & other factors
- **Cultural and Livelihood objectives for maintaining sustainable water flows** (Guide : Dr. P.M. Prasad)
 - ✓ Sponsored by WWF-India (World Wide Fund for Nature-India).
 - ✓ Worked in a group of ten for primary data collection from various cities along River Ganga.

- **Industrial Economics & International Trade** (Guide : Dr. Praveen Kulshresta)
 - ✓ Individually handled project as a part of course Industrial Economics.
 - ✓ Studied the effect of International trade on the Industrial organization and vice-versa.
- **Business and Corporate Ethics** (Guide : Dr. Vineet Sahu)
 - ✓ Worked in a group of two as a part of the course Ethics and Society.
 - ✓ Studied various aspects business ethics.
 - ✓ Reviewed some popular scams in corporate world.

***indicates currently in Progress*

TECHNICAL SKILLS

- **Relevant Software:** EViews, Stata, SPSS, SAS, TRIST, World Integrated Trade Solutions (WITS), MS Office
- **Operating Language:** Java, C++
- **Platforms:** Windows & Linux

POSITIONS OF RESPONSIBILITIES

- **Coordinator, Skating Club, Games and Sports Council, Student's Gymkhana** *April'10 ongoing*
 - ✓ a floating Idea of skate hockey into a playable sport for the first time in the campus.
 - ✓ Managed to get a huge amount of skating kits and instruments for Simple Skating and hockey.
 - ✓ Gathered a big team of more than 20 people for skate hockey.
 - ✓ Presently skating club is one of the most popular club in Student's Gymkhana
- **Assistant Department(Economics) Placement Coordinator, Student Placement Office** *July'10 ongoing*
 - ✓ Working for the placements of the current graduating batch of Economics
 - ✓ Assisting in contacting companies and channelizing effective interactions between companies and students
- **Coordinator, Ham Club, Science and Technology Council, Student's Gymkhana** *April'09-March'10*
 - ✓ Took initiative of collaborating ham club with Nano Satellite team of IITK to work in communication sub-system
 - ✓ Supervised events in Techkriti'10 with more than 500 participants and in Takneek'09 with about 150 participants
 - ✓ Mentored fourteen students in completing their summer project in ham club
 - ✓ Introduced a new event Telekino in Techkriti'10
- **Assistant Coordinator, Skating Club, Games and Sports Council, Student's Gymkhana** *April'08- March'09*
 - ✓ Mentored the club during the initial stages of the club.
 - ✓ Taught skating to several people across the campus.
- **Assistant Coordinator, RadioActive, Techkriti'09 and Secretary, Hamfest, Techkriti'08**(Inter-College Technical festival)
 - ✓ Promoted the event in the campus and other institutes all over India
 - ✓ Managed the events with more than 400 participants
- **Secretary, Fine Arts Club, Cultural Council, Student's Gymkhana** *April'08- March'09*
- **Secretary, Films, Photography and Media Events, Antaragni'08**(Inter-College Cultural festival)
- **Secretary, AdMad, Megabucks '08** (Inter-College Business festival)
- **Volunteer, Dance Events, Antaragni '07**

EXTRA-CURRICULAR ACHIEVEMENTS

- **Team leader** of the team that won 1st Prize in Transmission (transmitter hunting), **Techfest '09, IIT Bombay.**
- Won **3rd position** in 'Helping Tito' Event in National Economics Festival, 2009 at **St. Stephens College, New Delhi.**
- Won **1st** and **2nd** positions respectively in straight and slalom races in Skating Event, **Josh'09** and **Josh'08.**
- Actively associated with the **HAM Club**, Science and Technology Council, IIT Kanpur
 - ✓ Fabricating a **DRM Receiver**, which receives DRM signals, which produce FM quality sound but work at AM frequencies
- Won **the Best Orator Award** at School in 2004.
- Participated in Dramatics and Street plays in Institute and also at school.
- Associated with Fine Arts club in the institute.