

Abhishek Raj

Male; Date of Birth: 27/07/1984

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Educational Qualifications:

Examination/ Course	Year	Board/University	Subject of Specialisation	CGPA/ Percentage
M.Phil	2016	Indian Institute of Forest Management, Bhopal, M.P	Natural Resource Management	70.4%
M.Tech	2014	SHIATS – Deemed University	Communication Systems	72%
B.Tech	2008	BBSCET, Allahabad, UPTU	Electronics & Communication	66.6%
Class 12 th	2002	ISC (Boy's High School & College, Allahabad)	Physics, Chemistry, Mathematics, English, Hindi	74.0%
Class 10 th	2000	ICSE (Boy's High School, Allahabad)	Science	78.0%

Professional Experience

- Data Engineer | **Frameworks (Bhopal, M.P.)** [March' 17 – Till date]
1. Part of the team for Socio-economic study- of sample households across 10 villages of Pithampur, Madhya Pradesh for ACG Worldwide.
 2. Part of the team for Value Chain Analysis in 4 blocks of Rae Bareli and Amethi in UP for Rajiv Gandhi Mahila Vikas Pariyojana.
 3. Part of the Team for Rapid assessment of Agriculture in 2 blocks (Manawar, Dhar and Petlawad, Jhabua) of Madhya Pradesh for TRIF.
 4. Part of the team of Baseline study for “Entrepreneurship for Empowerment” Project in Uttarakhand, NCR and Uttar Pradesh for Development Alternatives.
 5. Evaluation of Grant-in-aid Voluntary Agencies running Ashram Schools in Maharashtra for PwC
 6. Primary Survey for Demand Analysis of Skill Training in Madhya Pradesh for PwC
 7. Survey for the evaluation of the functioning of School Management Committees across 10 districts of Madhya Pradesh for PwC/UNICEF.
 8. ATMA impact analysis in 6 states(UP, CG, Nagaland, Odisha, Gujarat, Karnataka)
 9. Baseline survey for Dairy in Odisha for Intellectap
 10. Endline Survey of 5 MFI partners across 5 states for Basix Consulting.
 11. Baseline survey for Dairy in Odisha for Intellectap.
 12. Endline survey for Dairy in Odisha for Intellectap
 13. Baseline survey of Women Poultry Farmers in Gumla, Jharkhand for Intellectap.
 14. Endline survey for Women Entrepreneurs for Market Linkage in Chiplun, Maharashtra for Intellectap
 15. Endline survey of Women Poultry Farmers in Gumla, Jharkhand for Intellectap.
 16. Survey for “Challenges for financing micro enterprises” for Intellectap.
- Assistant Professor | **BBS College of Engineering and Technology (U.P.)** [Jul' 10 – Apr' 12]
- Academic and Administrative responsibilities**
- Taught Microwave engineering, Satellite communications & AIC for Bachelor of Technology course
 - Assisted students in performing safe laboratory experiments
 - Actively served as organising committee member for Sports meet, Annual Function and Fresher's induction program
 - Organised football tournament

- Project Engineer | **G.S.Enterprises** [Jun' 08 – Jul' 10]
Project Management and Clients Need Assessment in Himachal Pradesh
- Coordinated with team for timely completion of project
 - Supervised projects on-site and managed fire-fighting equipment set-ups in designated power plants
 - Designed and provided effective and efficient solutions by analysing needs of project clients

Key Course Projects

- **M.Phil Dissertation** (Guide- Dr Jigyasa Bisaria (IIFM, Bhopal))
Studied and analysed “Dynamics of Climate Change vulnerability in Sikkim” by comparing changes in vulnerability of Gram Panchayats over a decade. The base study consisted of data sets of 2001 and 2005 while the current study is of datasets of 2011. Climate vulnerability index for each GPU was calculated and compared to vulnerability index of similar matching GPUs data. The study provided insights on sensitivity and adaptive capacity of the GPUs over a 10-year period.
- **M.Tech Project** (Guide – Prof. A.K.Jaiswal (Department of EC, SSET, SHIATS, Allahabad))
Worked on “**Performance analysis of Optical Encoder and Optical Multiplexer using Mach-Zehnder switching**” by analysing root causes for the slowdown of optical networks speed. The conversion from electrical to optical to the electrical transmission was accelerated after composing an all-optical logical device using semiconductor optical amplifier and optical coupler and constructing Mach-Zehnder switch for optical encoding and multiplexing.

Skills and Tools acquired

- mWater [For survey data collection]
- MS Office

Languages known: Hindi and English

Training and Certification Programs underwent

- Training on “Participatory management of Natural resource, Livelihood development and Climate change adaptation” conducted by RECOFTC – The Center for People & Forests, Thailand (2016)
- Short Term Course Study in ‘Sustainable Energy’ certified by IARC Centre for United Nations (2015)
- Apprenticeship in ITI Naini, Allahabad on Telephone Assembly & Testing from 15-06-2007 to 26-07-2007

Declaration

I hereby declare that the information provided is all correct and true to the best of my knowledge.

Place: Bhopal

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