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| **CURRICULUM VITAE**  **Jai Sharma**   |  |  | | --- | --- | | Email ID : | [mr.jaisharma19@gmail.com](mailto:mr.jaisharma19@gmail.com) | | Contact No. : | +91-9602128127 | | D.O.B. : | 11th Oct 1991 | |  |

**CAREER OBJECTIVE**

* To acquire knowledge in specific field for getting competitive edge in the industry and work effectively & willingly for achieving organizational and personal goals
* To obtain high level of excellence in the growth oriented research organization and to utilize myself as a resource for all kind of challenging jobs by upgrading my knowledge and skills time to time and to be epitome of creativity, team work and intellectuality

**ACADEMICS**

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| Degree | University/Board | **Passing Year** | Class Obtained | Percentage |
| **Master of Science** in **Remote Sensing and Geoinformatics** | Maharshi Dayanand Saraswati University, Ajmer | 2012 | **First Class** | 73.5% |
| **B.C.A** | University of Rajasthan, Jaipur | 2009 | **First Class** | 66.67 |
| **12thScience** | Rajasthan Board of Secondary Education ,Ajmer | 2006 | **Second Class** | 48.34 % |
| **10th** | 2004 | **First Class** | 60.50 % |

**TECHNICAL SKILLS**

**Operating Systems:** Windows (98, 2000, XP, VISTA, 07, 08)

**Programming Languages**: C, C++, VB

**Software Tools and Database Packages:** Arc GIS, ERDAS Imagine, MS office, QGIS

**SPECILAIZATION**

* Urban Mapping
* Land Use Land Cover Mapping
* Image analysis, Databases
* Hydrological Analysis

**PROFESSIONAL SUMARRY**

* Good Knowledge of **Geographic Information System and Remote Sensing** Concepts
* Working Knowledge on **GIS & RS** and **Open Source** software’s
* **Five years and Four months** of **Research Experience** in **Remote Sensing & GIS**.

**ACHIVEMENTS**

* Won 3rd Prize in Model Presentation on Science Day 2012 held at Maharshi Dayanand Saraswati University, Ajmer in collaboration with Indian Society of Geomatics
* Won prizes at school, inter-school, District, State Level for Sports Competition
* Won a Gold Medal for securing first position in B.C.A. 2nd & 3rd Year exams.
* Lifetime member of Indian Society of Geomatics

**INTERNSHIPS**

**Organization** : Tetra Tech India Ltd., New Delhi

**Project Duration**: Six months

**Project Title**: GIS Based Mapping of Slums/Squatters Settlements and their Socio-Economic Characteristics

**Project Description**: Project involves slum boundary demarcation using GPS and DGPS survey. Preparing the Base Map and Geodatabase using World View-2 Satellite Image for socio economic survey

**JOB EXPERIENCE**

* Feb-2013 to March-2015 in “**Punjab Remote Sensing Centre**” at Ludhiana (Punjab) as a “**Junior Research Fellow**”
* March-2015 to March-2018 in **“WAPCOS Ltd. (A Government of India Undertaking)”** at Jaipur (Rajasthan) as a **“Senior Level Expert Consultant”**
* May-2018 to Dec-2018 in **“GIS Consortium India Pvt. Ltd.”** at Jaipur (Rajasthan) as a **“GIS Executive”.**
* Jan-2019 to till now in **" Wipro Limited"** at Jaipur (Rajasthan) as a **"GIS Engineer".**

**PROJECTS WORKED IN REMOTE SENSING AND GIS AREA**

1. **Project Name:** Single building extraction using Remote Sensing and GIS,

Municipal Corporation Bathinda, Punjab

**Research Organization**: Punjab Remote Sensing Centre, Ludhiana, Punjab

**Software Used**: Arc GIS 9.3

**Descriptions**: Project involves digitizing single building of Bathinda districts using World View-2 satellite data and creation of Geospatial database.

**Role and Responsibility as a Junior Research Fellow:**

* GIS based map generation
* Demarcation of single building using ground survey

1. **Project Name:** Single building extraction using Remote Sensing and GIS,

Municipal Corporation Ludhiana, Punjab

**Research Organization**: Punjab Remote Sensing Centre, Ludhiana, Punjab

**Software Used**: Arc GIS 9.3

**Descriptions**: Project involves digitizing single building of Ludhiana districts using World View-2 satellite data and creation of Geospatial database. Designing web based Geospatial application for property taxation.

**Role and Responsibility as a Junior Research Fellow:**

* GIS based map generation
* Demarcation of single building using ground survey

1. **Project Name:** Creation of BASE Map of Various Town of Punjab

**Research Organization**: Punjab Remote Sensing Centre, Ludhiana, Punjab

**Software Used**: Arc GIS 9.3

**Descriptions**: Project involves digitizing LULC classes, linear features (river, canal, railways and roads) of various town of Punjab using World View-2 satellite data and creation of Geospatial database.

**Role and Responsibility as a Junior Research Fellow:**

* GIS based map generation for Khamano Town

1. **Project Name:** MELD work under IWMP in Bharatpur

**Research Organization**: WAPCOS Ltd. (A Government of India Undertaking)

**Software Used**: Arc GIS 10.1

**Descriptions**: Project involves monitoring of all watersheds those are under in IWMP in Bharatpur and documentation of all watersheds.

**Role and Responsibility as a Senior Level Expert Consultant:**

* As a team leader manage the team according to work and execute the all process and GIS based work.

1. **Project Name:** Eastern Rajasthan Canal Project

**Research Organization**: WAPCOS Ltd. (A Government of India Undertaking)

**Software Used**: Arc GIS 10.1

**Descriptions**: Project involves preparation of the DPR in which Reconnaissance survey report, Hydrology report, Topographic and Allied survey report, Geological & Geophysical investigation report, EIA & Socio Economic studies, Detailed layouts and engineering drawings was prepared and submitted.

**Role and Responsibility as a Senior Level Expert Consultant:**

* GIS based work (Digitization of maps which help in planning for various alternative routes for the water supply network and their planning and optimization for arriving at optimal group).

1. **Project Name:** Jawai Dam Project

**Research Organization**: WAPCOS Ltd. (A Government of India Undertaking)

**Software Used**: Arc GIS 10.1

**Descriptions**: Project involves preparation of the DPR in which Reconnaissance survey report, Hydrology report, Topographic and Allied survey report, Geological & Geophysical investigation report, EIA & Socio Economic studies, Detailed layouts and engineering drawings was prepared and submitted.

**Role and Responsibility as a Senior Level Expert Consultant:**

* GIS based work (Digitization of maps which help in planning for various alternative routes for the water supply network and their planning and optimization for arriving at optimal group).

1. **Project Name:** MJSA Project

**Research Organization:** GIS Consortium India Pvt. Ltd.

**Software Used:** Arc GIS 10.3, MS Excel

**Description:** Project involves preparation of the DPR in which we provide fully suitable site for watershed structure like MIT (Micro Irrigation Tank), Anicut, Percolation Tank and Mini Percolation Tank using Soil data, Land Use Land Cover, Geology, Geomorphology and Aquifers, Detailed layouts and engineering drawing was prepared and submitted.

**Role and Responsibility as a GIS Executive:**

* GIS based work (Hydrological analysis using 50Cm resolution data and Drone data. Done full calculation for every structure like submergence area of structure, storage capacity of structure, fetch length and flow length of a structure etc.).

**PUBLICATION**

* Setia R, Singh V, Sharma J (2014). Remote Sensing and GIS-Basic Concepts. Economics and Statistical Organization Newsletter, Department of Planning, Govt. of Punjab, Chandigarh. 1(3):6

**CONFERENCES AND SEMINARS**

* Participated in ‘EDUSAT’ Basics course on ‘Remote Sensing, Geographical Information System & Global Positioning System’ organized by IIRS, Dehradun at M.D.S. University Ajmer in 2011
* Participated in National Conference on ‘Impact of Climate Change with Special Emphasis on Desertification’ at ‘Geomatics 2011’ held at MDS University, Ajmer
* Participated in Tutorials on ‘Desertification and e-Governance’ at ‘Geomatics 2011’ held at MDSU Ajmer
* Participated in Annual Convention of Indian Society of Remote Sensing ISRS-2011 and National Symposium on ‘Empowering Rural India through Space Technology’ held at M.P. Council of Science and Technology, Bhopal

**PERSONAL INFORMATION**

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| Permanent Address | S/O Shri Uttam Chand Sharma  1H19 STC housing board colony, behind new hospital  DIS:-Bharatpur (Raj.) Pin Code: 321001 |
| Known Languages | English,Hindi |

**REFERENCES**

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| --- | --- | --- |
| **Dr. S. Palria** | **Dr. Ajay Mathur** | **Dr. Raj Setia** |
| Professor, Head – Department of Remote Sensing &Geoinformatics, Maharshi Dayanand Saraswati University, Ajmer, Rajasthan, India  Contact: +91-9414555898  E-Mail:  [palrias@gmail.com](mailto:palrias@gmail.com) | Head Land Resources, Utilities and Infrastructure Division  Punjab Remote Sensing Centre, Ludhiana, Punjab,India  Contact: +91-9872576988  E-Mail: [mathurajay12@rediffmail.com](mailto:anilsood_prsc@rediffmail.com) | Project Director (Technical)  Economics and Statistical Organization  Govt of Punjab, Chandigarh, India  Contact: +91-9646105308  E-Mail:  [setiark@gmail.com](mailto:setiark@gmail.com%20) |

**DECLARATION**

I affirm that all information supplied by me as above is true and correct, I also fully understand that if at any stage, it is discovered that any attempt has been made by me to willfully conceal or misrepresent the facts, my candidature may be summarily rejected or employment terminated.

###### Jai Prakash Sharma

**Date:**

**Place:**