Curriculum Vitae

Personal Information

First name(s)/Surname(s)	**Deepak Raj Awasthi**
Address(Home)	Khalanga-3 Darchula, Nepal
Telephone	Mobile: +977-9851281567
E-mail	awasthi.deepakraj@gmail.com,
Nationality	Nepalese
Date of birth	01,June 1980
Gender	Male

Education

Dates	Sept, 2010 – March, 2012
Title of qualification awarded	**Master of Science in Geo-information Science and Earth Observation (GIS and Remote Sensing)**
Main field of study	**Geoinformatics**
Principal subjects covered	Geo-information processing, Spatial Database Management, Spatial Analysis, Uncertainty Representation, Web Map Development.
Thesis	**Design and realization of raster based spatial uncertainty calculus around vector objects. Enschede, The Netherlands, March, 2012 (Thesis)**
Name of institution providing education and training	ITC, Faculty of Geo-Information Science and Earth Observation (www.itc.nl) Universiteit Twente (www.utwente.nl) Hengelostraat 99, 7500 AE, Enschede, The Netherlands Phone: +31 (0) 644040523

Dates	Aug, 2005 – Aug, 2007
Title of qualification awarded	**Master in Sociology (MA)**
Principal subjects covered	Sociology and Anthropology, Project Analysis and Management, Gender Studies
Thesis	Role of Women in Agricultural Production (A Case Study of Chhaling VDC, Bhaktapur)
Name of institution providing education and training	Tri-Chandra Multiple Campus Tribhuvan University (www.tribhuvan-university.edu.np) Ghantaghar, Kathmandu, Nepal

Dates	Sep, 2000 – Sep, 2003
Title of qualification awarded	**Bachelor in Computer Application (BCA)**
Principal subjects covered	Database Management System, Programming, Computer Networking, Statistics,

Name of institution providing education and training	Kathmandu Donbosco College, Kathmandu (www.kdbc.edu.np)
Dates	1998 AD
Title of qualification awarded	**Intermediate in Science**
Principal subjects covered	Physics, Chemistry & Maths
Name of institution providing education and training	Siddhanath Science Campus, Mahendranagar, Kanchanpur Nepal **Tribhuvan University**
Dates:	1996 AD
Title of qualification awarded	**School Leaving Certificates**
Principal subjects covered	English, Maths & Science
Name of institution providing education and training	Mahendra MA.VI. Khalanga-3 Darchula,Nepal His Majesty Government of Nepal

Country of work experience	Nepal, South Sudan
Country of Travel	India, The Netherlands, Germany, Belgium, France, Czech Republic, South Sudan, Kenya, Uganda

Work experience	
Occupation or position held	**Lecturer**
Main activities and responsibilities	Delivering lectures related to Information and Technology including Database Management System, Operating System, Computer Architecture, System Analysis & Design, Geographic Information System, Management Information System, E-Business, E-Commerce etc.
Name and address of employer	Quest International College Gwarko, Lalitpur NOV 2022 to till now
Name and address of employer	Amrit Science Campus, Lekhanath Marg Kathmandu Apr 2021 –August 2021
Name and address of employer	Samridhi College, Bhaktapur, Nepal May 2019 to Oct 2019

Name and address of employer	Liberty College, Anamnagar, Kathmandu NOV 2018 to till now

Name and address of employer	Sanothimi Campus, Bhaktapur, Nepal May 2018 to Oct 2018

Name and address of employer	The International College of Hospitality Management (ICHM) Bhimsengola, Sinamangal Sep, 2014 – Aug, 2015

Name and address of employer	Padmashree International college, Tinkune, Kathmandu Oct, 2012 – Dec, 2014

Occupation or position held	**Consultant**
Name and address of employer	International Center for Integrated Mountain Development (ICIMOD) Khumaltar, Lalitpur, Nepal GIS Application Development July 2015 to August 2015

Name and address of employer	Geospatial Pvt. Ltd. Lalitpur, Nepal GIS Digitization JAN 2001 to DEC 2002

Personal skills and competences	
Computer skills and competences	• **Programming Language:** C, PHP, Web Service programming, Python, Internet/ Web GIS and remote sensing (ArcGIS JavaScript API, Map service, Geoserver, Mapserver, Openlayers etc) • **Enterprise Database Applications:** MS Access, PostgreSQL/PostGIS, MySQL, MS-SQL • **Software Management:** Software Engineering
Software Applications	• **Operating System :** Windows , Ubuntu • **GIS/ Remote Sensing:** ArcInfo 10.x, QGIS, Erdas Imagine, MapBox, TilleMile, Mapguide maestro and Ushahidi • **Document Management System:** OpenKM • **Office:** Latex, MS-Office

Interest and Experience with	- Information Management - Management Information System - Geo-information processing, Spatial Database Management - Design and development of web based GIS applications - Use of Open source GIS technology like mapserver, geoserver, PostgreSQL/PostGIS etc for the different GIS solutions. - Information collection and dissemination with latest ICT tools and techniques. - Teaching and Providing specialized trainings
Development of GIS based Web applications DSS	- Update and modification of Disaster Information Management System in Nepal, ICIMOD (http://apps.geoportal.icimod.org/dims/) - Development of Multi-level risk analysis for flood in Nepal, (ICIMOD) (http://apps.geoportal.icimod.org/mlra/)
Publications	**Conference Paper:** i. FOSS4G -ASIA 2021 Use of Geographical Information System(GIS) on Public Police Partnership (PPP) in Nepal (JAN 2022) ii. Disaster events based dynamic risk assessment system for Nepal (Nov 2015)
Awards	NUFFIC Fellowship to study M.SC. in Geoinformatics at ITC, Universiteit Twente (2010-2012)

I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Signature   Date: 02/MAR/2023