

Curriculum Vitae



01. Name (in block letters): SATYENDRA KUMAR

02. Date of Birth (in Christian era): 25 JULY 1986

03. Nationality: INDIAN

04. Father's/Spouse's name: Shri JAY SINGH

05. Address for correspondence (with Telephone/MobileNos. and e-mail ID address):

FGD Forest survey of India
Kaulagarh Road, Dehradun – 248195
Mobile: 8791660218,
e-mail: sk7shatty7@gmail.com

06. Permanent address: Satyendra Kumar s/o Shri Jay Singh
Vill: Aurangabad, Post: Harduaganj,
Dist: Aligarh -202125, U.P

07. Qualifications:

(a) Educational Qualifications: (Starting from minimum 12th standard onwards)

S. No.	Course /Degree	Subject(s)	University/Institute	Year of passing	Division /Grade/ Percentage
1	Sr. Secondary	Physics, Chemistry, Mathematics, English, Hindi	UP Board	2004	IInd, 50%
2	B.Sc.	Physics, Chemistry, Mathematics,	Dr B.R. Ambedkar University, Agra	2007	IInd ,56%
3	M.Tech (Integrated M.Sc.)	Remote sensing and GIS	Bundelkhand, University, Jhansi	2010	Ist, 72%

(b) Professional Qualifications: M.Tech

08. Total experience directly relevant to the post applied for :

✚ 11 years and 03months

09. Computer skills

Name of software

✚ Arc-GIS desktop and Arc-GIS pro
✚ ERDAS Imagine
✚ Q-GIS
✚ Google Earth Engine
✚ Microsoft Word, Excel, Power point

10. Area of Specialization:

- Digital Image Processing using Remote Sensing and GIS techniques
- Forest fire Monitoring and assessment
- Forest Fire Danger Rating System (FFDRS) and Early-Warning alert system
- Identification of Fire Prone forest area
- Ground inventory and Field verification

11. Total employment experience and details (in months) indicating the nature of duties and responsibilities including experience of working with externally aided projects, if any:

S. No.	Organization/Institute	Period From To	Nature of duties and responsibilities including experience with externally aided projects, if any	Remarks
1	Forest survey of India	June 2011 to till now	A. Forest Fire:- 1-Near real time monitoring of forest fire 2- Fire weather Index (FWI) based Forest fire danger rating (FFDRS) 3- Early-warning alert (EWA) for Forest fire 4- Burnt area assessment	
			B. Forest cover mapping of Jammu and Kashmir	
			C. Working Plan for Nagaland forest department (Forest cover mapping and Inventory of Nagaland)	
			D. CEC Aravalli Project (boundary delineation of Aravalli hills ,Forest cover mapping of Aravalli districts and identified illegal mining), Forest Fire Monitoring, Burnt Area Assessment of India, And R.N.D work	
2	Navteq India Pvt. Ltd.	July 2010 to June 2011	Navigation Mapping , Monitoring and Roads and POI Coding for Navteq-map /OVI Map/ Here Map	
3	IIRS campus - Regional Remote Sensing Centre- North, Dehradun,	June 2009 to May 2010	Monitoring of Paddy Crop Using Temporal RADARSAT to SAR Data Over Part of Haridwar& Saharanpur District	
4	Jharkhand Space Application Centre, Ranchi,	June 2008 to Aug 2008	“National Landuse/Landcover Mapping Using Multi Temporal Satellite Data” & “Digital Conversion of Cadastral Maps for Proposed	

12. If selected, minimum time required to join the post:

 30days

13. Other information:

Publications -

- i) Khanduri Kamlesh, **Kumar Satyendra**, “*Geomorphological study of Atagad Basin, Chamoli District, Uttarakhand by the GIS and Remote Sensing approaches*” International Journal of Geomatics And Geosciences, Volume 2, No 2, 2011, pp 595-601.
- ii) **Satyendra Kumar**, Dharmendra Singh, Deena Yadav and Ranjeet Kumar, “*Assessment and Prediction of Impact and Effectiveness of Watershed Management Practices on Land Use Land Cover in Seoni Watershed, Madhya Pradesh using Remote Sensing and GIS*” International Journal of Geomatics And Geosciences, Volume 4, No 2, 2013, pp 397-409.
- iii) **Satyendra Kumar**, FSI, Abhishek Chaudhar, FSI, Tapas Biswas, FSI, Dr. Sourav Ghosh, Under the guidance of Dr. Subhash Ashutosh, IFS, Director General, Forest Survey of India “*Identification of Fire Prone Forest Areas Based on GIS Analysis of Archived Forest Fire Points Detected in the Last Thirteen Years*” Technical Information Series, Volume 1, No. 1 2019, pp 1-18.
- iv) E. Vikram, IFS, Anupam Pal, Tanay Das, Harshi Jain, Tapas Biswas, Vikas Guisan, **Satyendra Kumar**, Under the guidance of: Dr. Subhash Ashutosh, IFS Director General, Forest Survey of India “*FSI FOREST FIRE ALERT SYSTEM (FAST 3.0)*” Technical Information Series - Volume 1, No. 2, 2019, pp 1-25.
- v) Dr. Subhash Ashutosh, Smt. Meenakshi Joshi, Dr. Sunil Chandra , Harshi Jain, **Satyendra Kumar** , Vikas Guisan, Tanay Das, Anupam Pal “*Rapid Assessment of Fire affected Forest Areas in the Country based on MODIS-detections following a Sampling Approach*” Technical Information Series - Volume 2, No. 2, 2020, pp1-8.
- vi) Abstract in Número Especial: 7 A Conferência Internacional sobre Incêndios Florestais - Resumos - Experiences from Nation-wide adoption of Satellite based Near Real Time Forest fire alerts to improve forest fire management in India, E Vikram, Vikas Gusain, Tanay Das, Anupam Pal, Satyendra Kumar, Shoaib Hasan, Harshi Jain, Tapas Biswas, Nirmal Singh

Declaration

I affirm that information given in this application 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 summarily be rejected or employment terminated.



(Signature of the applicant)

Place: Dehradun

Date: 12-10-2021