Name: Anamika Sinha
Roll No: PHD/RS/10052/2017
Email id: anamikasinha.gis@gmail.com
Research Topic: Identification and calculation of various indices for driving forces to assess the impact on environmental sensitive areas in context to
Educational Qualification: M.sc (Geoinformatics)-(2008)
Skills: Arc GIS 10.5, ERDAS Imagine14.0, Global Mapper 11.0, Envi 5.3,QGIS 3, SARScape, POLSARPro, RAT, NEST, Geomatica 9.1, AutoCAD map 2000.
Experiences: 10 years of working experience as core and active team member in successfully completed of different projects.

- Working as **Project Scientist** at Jharkhand Space Application Centre (JSAC) Ranchi in Rural Development funded project **"Watershed Information System for Jharkhand Rural Development (WMIS-JRD)"**from March 2014 to 2018.

- Worked as **Senior Research Fellow** (SRF) at Birla Institute of Technology (BIT), Mesra, Ranchi, in NRSC funded project **"Rajiv Gandhi National Drinking Water Mission Phase-IV"** from August 2013 to March 2014.

- Worked as **Junior Research Fellow** (JRF) at Birla Institute of Technology (BIT), Mesra, Ranchi, in ISRO funded project **"Hybrid polarimetric signatures study under desertic environment.(RISAT – UP) "**from April 2011 to March 2013.

- Worked as **Junior Research Fellow** (JRF) at Birla Institute of Technology (BIT), Mesra, Ranchi, in ISRO funded project **"ALOS RA: Evaluation of Polarimetric, Interferometric and Differential Interferometric Techniques "** from Aug 2010 to March 2011.

- Worked **as Project scientist** in B.M Birla Institute of science & Technology, Jaipur in ISRO funded project **"Himalayans Glacier Inventory Program and"Optical Fiber Cable (OFC) Route planning of cities" using DGPS**. from Dec 2008 to June 2010.

- Completed 8 month deputation work on **"Himalayans Glacier Inventory Program"** from Space Application Centre, ISRO, Ahmedabad collaboration with B.M Birla Science And Technology Centre, Jaipur, Rajasthan

- Have successfully completed 6 months dissertation work on **"Remote Sensing And GIS Approach For Delineation Of Artificial Recharge Zones And Identification of Artificial Recharge Sites in Bankura District," (West Bengal)"** from Regional Remote Sensing Service Centre **(RRSSS), Kharagpur** under supervision of **Dr. V.M. Chowdary (Scientist/ Engineer 'SE')**

Publication:

- R. L. Mehta , N. Parihar , A. Sinha , B. P. Shastri & M. Chakraborty .(2013) Discrimination between Babul plantations and Mustard crop using Polarimetric C- and L- band data. Journal of Indian Society of Remote Sensing.

- B.k Singh, M.S Nathawat, S.Mohan, R. L. Mehta , N. Parihar , A. Sinha. (2011) Land surface feature extraction using Polsar & AVNIR-2 applying data fusion techniques, Journal of Geoscientist. Vol 1 No. 1 43-50.

Achievements:

- Chief mentor and course designer for 3 month certificate program of Basic Remote Sensing at Jarkhand Space Application Centre Ranchi. (JSAC).Dept. of I.T. Govt. of Jharkhand.
- 3 days training workshop on "Weather Climate And Meteorological Hazards and Disasters Over Jharkhand Region" at BIT Mesra Ranchi
- 15 days short term training course in RISAT-UP Radar Remote Sensing and Application at SAC ISRO, Ahemdanbad
- 2 days training program on Remote Sensing and Digital Image Processing at Regional Remote Sensing **Service Centre, Jodhpur.**

Hobbies: Reading , Surfing Internet, Travelling, cooking