Dr. Gurav Chandrakant Anand

Plot No.22, Swastik colony, Near Hastinapur Nagar, Kalamba,
Kolhapur-416007, State-Maharashtra, India
9673377320
chandrakantgurav123@gmail.com
Gender- Male
Nationality- Indian
Date of Birth-12/12/1986

EDUCATIONAL QUALIFICATION		
Examination	**Board/ University**	**Institution**
S.S.C.	Maharashtra State Board	Gurudeo Vidhayniketan, Kolhapur.
H.S.C.	Maharashtra State Board	Main Rajaram, Junior college , Kolhapur
B.Sc.	Shivaji University Kolhapur.	Gopal Krishan Gokhale College, Kolhapur.
M.Sc.	Karanatak University Dharwad	Karanatak Uni., Dharwad
Ph.D.	Swami Ramanand Teeth Maratwada University Nanded.	DSM College Parbhani Maharashtra

Ph.D. RESEARCH TOPIC:

"Quaternary Stratigraphy and Geomorphology of Lendi River Sub-Basin in West-Central Maharashtra".

TRAININGS			
Offline Training			
Year	**Company/Institute**	**No of Days**	**Class**
March 2005	Maharashtra State Certificate in Information Technology (MS-CIT).	03 Month	I-Class
2010	Training in Geology, Mining and Metallurgy at Hutti Gold Mine.	15 days	--
2014-15	Certificate course of Geographic Information System (GIS) - Study Center: - All India Institute of Local and Self Government, Mumbai (Kolhapur Branch).	03 Month	I-Class
Feb. to March 2016	9th Course on Applications of Geoinformatics for Disaster Management under NNRMS conducted by Geological Survey of India Hyderabad.	01 Month	--
e-Training			
Institute	**Subject**	**No. of Days**	**Date**
IIRS	Close Range Photogrammetry and terrestrial Laser Scanning.	05 days	08.01.18-12.01.18
GSITI	Advance Training on Quaternary Mapping.	07 days	25.08.20-31.08.20
GSITI	Art of publication, Effective writing and	04 days	08.09.20-11.09.20

	presentation skill in Earth Sciences.		
GSITI	Engineering Geology and Landslide Studies	06 days	17.05.21-22.05.21

EMPLOYMENT RECORD	
• From [Month/Year]: **06/09/2010 to 11/12/2010**	
Employer	OCE Project Pvt. Ltd. Navi Mumbai
Position held	Junior Geologist
Duties performed	Soil investigator, and Geology of the area- consultant
• From [Month/Year]: **15/06/2012 to 30/04/2013**	
Employer	Khare –Dhere college, Guhagar, Ratnagiri
Position held	Assistant Professor of Geology (CHB)
Duties performed	Geology Teacher
• From [Month/Year]: **30/08/2019 to 05/11/2019**	
Employer	Kolhapur Institute of Technology
Position held	Assistant Professor in Engineering Geology (CHB)
Duties performed	Geology Teacher
• From [Month/Year]: **08/11/2019 to 30/09/2020**	
Employer	CSIR NEERI
Position held	Project Assistant for analysis of Remote sensing and GIS
Duties performed	Research
• Current working [Month/Year]: **Join 30/09/2021 to present**	
Employer	Punyashlok Ahilyadevi Holkar Solapur University, Solapur
Position held	Assistant Professor of Geology
Duties performed	Geology Teacher

SPECIALIZATIONS IN THE FIELD	
Geology	: Field Geology especially granitic and basaltic terrain, structural analysis and terrain analysis.
Remote Sensing	: Using satellite image working on land use land cover, temperature difference, albedo, and related band combination, mostly working on Google earth imagery, Landsat and Seninel 2 satellite imageries.
Geographical Information System (GIS)	: Working experience in ArcGIS, ERDAS and QGIS software's for terrain analysis, Groundwater Potential Zone (GPZ) analysis, Tectonic terrain analysis, Photo interpretation and Litholog study.
Quaternary Geology	: Quaternary fieldwork, lithostratigraphic, morphostratigraphic study, fossil study, Sieve analysis and Neotectonic activity.
Geomorphology	: Quantitative geomorphology, Field Geomorphology and Tectonic Geomorphology.
Hydrogeology	: GPZ analysis in basaltic terrain, using RS, GIS and AHP process.

Hydrology	: Carried Hydrological modeling using CWC report and SCS-CN method and Hydrologic Engineering Centre-Hydrologic Modeling System (HEC-HMS) model

RESEARCH ACTIVITIES

IN INTERNATIONAL BOOK AS A CHAPTER:

1. **Md. Babar, R.D. Kaplay, Soumyajit Mukharjee, Souradeep Mahato and Chandrakant Gurav (2018). NE-SW Strike-Slip Faults in the Granitoid From the Margin of South East Dharwar Craton, Degloor, Nanded District, Maharashtra, India. Tectonics and Structural Geology: Indian Context, published by Springer ISSN: 2197-9545, ISBN: 978-3-319-99340-9 pp.115-134. https://doi.org/10.1007/978-3-319-99341-6_5**
2. **Chandrakant Gurav., and Babar Md. (2021) Morphometric Analysis of Lendi River Basin Using Geographical Information System (GIS) Techniques. In: Pawar P.M., Balasubramaniam R., Ronge B.P., Salunkhe S.B., Vibhute A.S., Melinamath B. (eds) Techno-Societal 2020. Springer, Cham pp. 37-46. https://doi.org/10.1007/978-3-030-69925-3_4**

IN INTERNATIONAL JOURNALS:

1. **Rakesh Kadaverugu; Chandrakant Gurav; Ankush Rai; Asheesh Sharma; Chandrasekhar Matli; Rajesh Biniwale (2021). "Quantification of heat mitigation by urban green spaces using InVEST model: Scenario analysis of Nagpur city, India". Arabian Journal of Geosciences, pp.1-13 https://doi.org/10.1007/s12517-020-06380-w**

IN NATIONAL JOURNALS:

1. Gurav Chandrakant, Babar Md, Patil Yogita, Patil Abijeet and Patode H.S (2017). Application of Remote Sensing, Geology And Geomorphological Studies for Mass Wasting Zone analysis in Jotiba-Panhala Hill Range area, Kolhapur District, Maharashtra, India. IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG) e-ISSN: 2321-0990, p-ISSN: 2321:0982, volume 5, pp. 29-37.
2. Gurav Chandrakant and Md. Babar (2018). Hypsometric Analysis of Gharni River Sub-Basin of Manjra River, Maharashtra, India- Using Geographical Information System (GIS) Techniques. Journal of Applied Geochemistry, ISSN 0972-1967 vol. 20, No. 4 (2018), pp. 447-454.
3. Gurav Chandrakant, Babar M., Asode Ajaykumar, (2019). Morphometric Analysis of Yelganga- Shivbhadra- Kohilla River Basins in Aurangabad District Maharashtra India- Using GIS Techniques. International Journal of Research and Analytical Reviews (IJRAR), E-ISSN 2348-1269, P- ISSN 2349-5138, vol. 6, Issue 1, pp.250-257 http://www.ijrar.org/IJRAR19J1855.
4. C. Gurav, Md Babar and I. Khan (2019). Identification of Groundwater Potential zones in Manar river S9b-basin Maharashtra using remote sensing and GIS. Journal of Geoscience research, The Gondwana Geological Society, Nagpur, vol.4, no.1 pp. 31-38.
5. C. Gurav and Md Babar (2019). Hydro-geomorphological studies for groundwater potential of Mangyal nala watershed of Lendi river, Nanded district, Maharashtra. Journal of Geoscience research, The Gondwana Geological Society, Nagpur, vol.2, pp. 61-66.

6. Patil Yogita, Patil Abhijeet, Patode H.S. and Gurav Chandrakant (2020). Watersheds morphometric analysis of Kasari river basin in Kolhapur district, Maharashtra, India. IOSR Journal of Applied Geology and Geophysics (IOSR-JAGG) e-ISSN: 2321-0990, p-ISSN: 2321:0982, volume 8, Issue 2 ser. I, pp. 45-53.
7. **Gurav Chandrakant, Babar Md and Jagdale Anilraj (2020). Morphotectonics Study of Dhamani River Basin in Kolhapur District, Maharashtra, India. Bulletin of Pure and Applied Sciences. Vol. 39F Geology (Geological Science), No. 2. Pp.131-149. https://doi.org/10.5958/2320-3234.2020.00001.3**
8. **Gurav Chandrakant, Babar Md and Jagdale Anilraj (2021). Morphostratigraphic and Lithostratigraphic studies of Quaternary Sediments to Decipher Climate Change in Dhamani river Basin, Kolhapur district, Maharashtra, India. Journal of Geoscience research, The Gondwana Geological Society, Nagpur, vol.6, no. 2.**

IN INTERNATIONAL CONFERENCE PROCEEDING:

1. Babar Md and Gurav Chandrakant (2014). Influence of Geological and Geomorphological Characteristics on Groundwater Potential in Lendi River Sub-Basin of Manjra River, Maharashtra, India. 4th International conference on Hydrology and Watershed Management (ICHWAM-2014) pp.103-109.
2. Gurav Chandrakant and Babar Md. (2017). Remote sensing and GIS Based Geomorphology and Land use/ Land Cover Analysis of Tulshi Sub-basin of Bhogavati River, Kolhapur District, Maharashtra, India. International conference on Technical Advices in Climate-Smart Agriculture and Sustainability (TACSAS-2017) ISBN: 978-93-86256-35-5- pp. 119-122
3. Gurav Chandrakant and Md. Babar (2018). Identification of Groundwater Potential Zones and Artificial Recharge Sites in Vedganga River Sub-Basin-Using Remote Sensing and GIS Techniques. American Society of Civil Engineering (ASCE) Conference Proceeding-Urbanization Challenges in Emerging Economic, ISBN: 978-0-7844-8202-5, pp.189-199 https://doi.org/10.1061/9780784482025
4. Gurav Chandrakant, Md. Babar, Mule Ambadas and Chavan Vaijnath (2019). Hydrogeomorphological Analysis of Waki River Sub-Basin of Manar River, Maharashtra, India-Using GIS Techniques. 5th International conference on Hydrology and Watershed Management (ICHWAM-2019), ISBN: 978-93-8305-71-6, pp. 464-473.

IN NATIONAL CONFERENCE PROCEEDING:

1. Gurav Chandrakant, Babar Md, and Jadhav Snehal (2016). Hydrogeomorphological Study of Gharni Sub-basin of Manjra River: Using Remote sensing and GIS. 3rd National conference on Sustainable water resources Development and Management (SWARDAM-2016) ISBN: 978-93-85777-75-2, pp.12-17.
2. Gurav Chandrakant and Babar Md. (2016). GIS Based Hydrogeomorphological Analysis of Tiru River Sub-Basin of Lendi River, Maharashtra, India. First Indian National Groundwater conference on Sustainable Development and Management of Groundwater Resources in Arid and Semiarid Regions. Jawaharlal Nehru Technological University, Hyderabad. - ISBN: 978-93-5230-149-2 (PB), pp .90-100.
3. Gurav Chandrakant and Babar Md. (2018). Hydrogeology and Drainage Morphometric study for Groundwater Potential Zones in Joytiba Hill Area in Kolhapur district, Maharashtra, India-Using Remote Sensing and GIS. 5th Indian National conference on Water, Environment & Society (NCWES-2018), Jawaharlal Nehru Technological University, Hyderabad. - ISBN: 978-93-87593-72-5 pp. 205-210.
4. Gurav Chandrakant, Md. Babar and Gurav Netra (2021). Remote Sensing, Geographical Information System (GIS) and Analytic Hierarchy Process (AHP) based Delineation of

Groundwater Potential Zones - A case study of Rena River basin in Latur district, Maharashtra, India. Fourth Indian National Groundwater Conference (INGWC-March 22-24, 2021). Groundwater Management in Arid and Semi-Arid Regions of Hard Rock Terrains. ISBN: 978-93-9021-167-8, page 69-82.

IN COLLAGE JOURNAL:

1. Gurav Chandrakant and Babar Md. (2019). Morphotectonic Analysis of Tiru River Sub-basin of Lendi River, Maharashtra, India based on GIS. Dnyanopasak Research Journal, vol. 1, Issue 1, March 2019, pp. 21-31.

RESEARCH PAPER PRESENTED:

1. Md. Babar and Chandrakant Gurav (2015). Depositional environment of Quaternary Sediments in Lendi River Sub-basin in Nanded district, Maharashtra, India. National Seminar on Climate Change and Coastal Zone Management. - 27-28 November 2015 at Department of Civil Engineering S.D.M. College of Engineering. & Technology, Dharwad, Karnataka.
2. Gurav Chandrakant, Babar Md, and Jadhav Snehal (2016). Hydrogeomorphological Study of Gharni Sub-basin of Manjra River: Using Remote sensing and GIS. 3rd National conference on Sustainable water resources Development and Management (SWARDAM-2016) Department of Civil Engineering, Government collage of Engineering, Aurangabad, Maharashtra.
3. Gurav Chandrakant and Babar Md. (2016). GIS Based Hydrogeomorphological Analysis of Tiru River Sub-Basin of Lendi River, Maharashtra, India. First Indian National Groundwater conference on Sustainable Development and Management of Groundwater Resources in Arid and Semiarid Regions. Jawaharlal Nehru Technological University, Hyderabad.
4. Gurav Chandrakant and Md. Babar (2017). Hypsometric Analysis of Gharni River Sub-Basin of Manjra River, Maharashtra, India-Using Geographical Information (GIS) Techniques. National conference on Multidisciplinary Research in Geo Environmental Studies for Sustainable Development (MRGESSD-2017). Organised by School of Earth Science, Solapur University, Solapur, Maharashtra, India.
5. Gurav Chandrakant and Babar Md. (2018). Hydrogeology and Drainage Morphomeric Study for Groundwater Potential Zones in Joytiba Hill Area in Kolhapur District, Maharashtra, India-Using Remote Sensing and GIS. 5th Indian National conference on Water, Environment & Society (NCWES-2018), Centre for Water Resources, Jawaharlal Nehru Technological University, Hyderabad during 04-06 June, 2018.
6. Gurav Chandrakant, Md. Babar, Mule Ambadas and Chavan Vaijnath (2019). Hydrogeomorphological Analysis of Waki River Sub-Basin of Manar River, Maharashtra, India-Using GIS Techniques. 5th International conference on Hydrology and Watershed Management (ICHWAM-2019). Centre for Water Resources, Jawaharlal Nehru Technological University, Hyderabad.
7. Gurav Chandrakant and Md Babar (2020). Morphometric Analysis of Lendi river basin using Geographical Information System (GIS). Techniques Techno Societal-2020 3rd International Conference on "Advanced Technologies for Societal Applications – Techno Societal, held at SVERI's College of Engineering, Pandharpur (M.S.), India during 11-12 December, 2020.
8. Gurav Chandrakant and Md Babar (2021). Delineation of Groundwater Potential Zones in Kordkhed watershed of Lendi river using Geographical Information System (GIS) Techniques. 33rd IGI International Geography Online Conference on the theme

Geomorphology and Environmental Sustainability organized by Department of Geography, University of Allahabad, Prayagraj from 02–04 December, 2021.

10. CERTIFICATION:

I solemnly declare that the above information is true and I understand that in the event of the information found to be incorrect after my appointment, I shall be dismissed from service.

Place:
Date: / /

(Dr. Gurav Chandrakant Anand)