

Curriculum Vitae

1. <u>Personal Details</u>		
(i)	Name	Ankur Vishwakarma
(ii)	Father's Name	Rajendra Kumar Vishwakarma
(iii)	Date of Birth	18/08/1991
(iv)	Address for Communication	5/893, Parmanand Colony, Shivaji Ward, Sagar, M.P. (470001)
(v)	Permanent Address	5/893, Parmanand Colony, Shivaji Ward, Sagar, M.P. (470001)
(vi)	Contact Details	+91-9407532933
(viii)	Nationality/Religion	Indian



2. <u>Educational Qualifications</u>					
No.	Degree	Year	University/Institute	Division	Specialization
1.	Ph. D.	Thesis Submitted on 27.06.2022	MANIT, Bhopal	-	Water Resources Engineering
2.	M.Tech.	2016	MANIT, Bhopal	First	Water Resources Engineering
3.	B.E.	2013	BUIT, Bhopal	First	Civil Engineering
PhD/M.Tech. Dissertation Title:					

3.	<u>Present Position Held</u>	Assistant Professor Department of Civil Engineering & Applied Mechanics Shri G. S. Institute of Technology and Science, Indore
4.	<u>Career History and Profile of Work Experience:</u>	
(a)	Academic / Teaching Experience and subjects taught: Nil	
(i)		
(ii)		
(iii)		
(b)	<u>Other Academic Experiences and positions/responsibilities held:</u> Nil	
(i)		
(c)	<u>Relevant Administrative Experience:</u> Nil	
(i)		
(ii)		
(d)	<u>Other Academic cum Administrative Experiences and Positions Held:</u> Nil	

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5. <u>Research Experience</u>
<u>Area of Research Interest:</u> Water Resources Engineering, Climate Change

(a)	<u>Post Graduates/Ph. D. Scholar Guidance:</u> Nil
(I)	<u>Ph.D. Completed and Awarded</u>
(i)	
(II)	<u>Ph.D. Underprocess:</u>
(i)	
(b)	<u>P.G. Dissertation Guidance:</u> Nil
(c)	<u>Research Projects :</u> Nil
(d)	<u>Technical Papers Publications</u>
(I)	<u>International and National Journals</u>
(i)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2020). Applicability of SPI and RDI for forthcoming drought events: a non-parametric trend and one way ANOVA approach. Journal of water and climate change, 11 (S1), 18–28. https://doi.org/10.2166/wcc.2020.042
(ii)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2020). Assessment of the performance of CMIP5 and CORDEX-SA models over the drought-prone Bundelkhand region, India. Journal of Water and Climate Change, 11 (S1), 133–144. https://doi.org/10.2166/wcc.2020.177
(iii)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2020). Trend Analysis of Meteorological Variables and Drought Indices in the Bundelkhand Region Using the Non-Parametric Approach. Russian Meteorology and Hydrology, 45(12), 870-875. https://doi.org/10.3103/S1068373920120080
(iv)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2022). Non-parametric trend and the validity of a newly developed drought indicator for agricultural application over the central India region. Arabian Journal of Geosciences, 15 (365), 1-13. https://doi.org/10.1007/s12517-022-09631-0
(v)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2021). Non-parametric Trend of Drought and Its Future Applicability: A Case Study of Sagar Station. In: Pathak K.K., Bandara J.M.S.J., Agrawal R. (eds) Recent Trends in Civil Engineering. Lecture Notes in Civil Engineering, 77, 939-944. Springer, Singapore (Book Chapter). https://doi.org/10.1007/978-981-15-5195-6_68
(vi)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2021). Runoff Simulation and Irrigation Water Requirement for Barman Command. In: Jha R., Singh V.P., Singh V., Roy L.B., Thendiyath R. (eds.) Water Resources Management and Reservoir Operation. Water

	Science and Technology Library, 227-240 (Book Chapter). https://doi.org/10.1007/978-3-030-79400-2_19
(a)	<u>Technical Papers –International /National Conferences</u>
(i)	Vishwakarma, A., Choudhary, M. K. and Nayak, T. R. (2016). Estimation of crop water requirement using Cropwat: A case study of Bila command. “ <i>National Conference on Water Resources & Flood Management with special reference to Flood Modelling (WRFM), SVNIT, Surat.</i> ” p. WRH-54(1-10)
(ii)	Choudhary, M. K. and Vishwakarma, A. (2016). Probability analysis of rainfall and crop planning using Cropwat model: A case study of Bila command. “ <i>Proceedings of International Conference on Hydraulics, Water Resources and Coastal Engineering (Hydro2016), CWPRS Pune.</i> ” p.1546-1552.
(iii)	Vishwakarma, A., Choudhary, M. K. and Chauhan, M. S. (2018). Runoff Simulation and Probability Analysis of Rainfall with Crop Planning. “ <i>Proceedings of International Conference on Hydraulics, Water Resources and Coastal Engineering (Hydro2018)</i> ”, NIT, Patna.
(iv)	Vishwakarma, A., Choudhary, M. K., & Chauhan, M. S. (2019). Non-Parametric Trend of Drought and Its Future Applicability: A Case Study of Sagar Station. <i>Proceedings of International Conference on Recent Trends and Innovations in Civil Engineering (ICRTICE)</i> , Medi-Caps University, Indore.
(b)	<u>Member of Editorial Board : Nil</u>

6.	<u>Awards/ Honours / Special Achievements</u>
(i)	Secured the second rank in the list of top Research Scholars (from Civil Engineering and Architecture & Planning Departments) based on the research paper presentation in “Research Scholar’s Day” organized by MANIT, Bhopal, on 9 th January 2021.

7.	<u>Membership of Professional Societies</u>
(i)	Life member in Association of Agrometeorologists (Membership No.: LM-1608)
(ii)	Life member in Indian Water Resources Society (IWRS, Membership No.: LM-2022-7939)
(iii)	Life member in The Indian Society For Hydraulics (ISH, Membership No.: LM-1572)
(iv)	Life member in Indian Association of Hydrologists (IAH, Membership No.: LM-2069)

8.	<u>Testing and Consultancy Projects undertaken</u>

9. <u>List of Conference/Workshops Organized</u>	
(i)	
(ii)	

10. <u>List of Seminars / Workshops/Summer/Winter Courses Attended</u>	
(i)	Two week minor training at “Indira Sagar Power Station, Narmada Nagar, Khandwa” (27 June - 11 July, 2011).
(ii)	Four week major summer training at “Oil and Natural Gas Corporation Limited, Ankleshwar, Gujrat” (11 June - 4 July, 2012).
(iii)	Workshop on "Sustainable Water Resources Management under Changing Climate" organized by IIT, Indore (28 May-2 June, 2018).
(iv)	Short-term course on "Introduction to River and Channel Modelling using MIKE HYDRO RIVER" organized by DHI (India), Water & Environment Pvt Ltd, New Delhi (July 11-13, 2018).
(v)	Short-term training program on "Applications of Modern Surveying Techniques (Remote Sensing GIS & GPS) in The Water Resources Projects" organized by MANIT, Bhopal (November 21-22, 2019).
(vi)	Training program on “Flood Estimation, Routing & Management” organized by MANIT, Bhopal (January 16-17, 2020).
(vii)	Online certificate program on “Hydrometeorological and Extreme Events Disaster Risk Management” Jointly organized by IIT, Indore and NIDM, New Delhi (June 1-21, 2020).
(viii)	Online certificate program on “Virtual Climate Pathshala” Jointly organized by EPCO, Bhopal and RGPV, Bhopal (September 14-26, 2020).
(ix)	Winter Internship (one month) at “Indian Institute of Technology (IIT), Indore” (16 December, 2019 - 15 January, 2020).
(x)	Online training program on “Dam Break Flood Modelling” organized by MANIT, Bhopal (March 15-19, 2021).
(xi)	Online webinar series on “Advances in Water Resources Engineering (AWRE-2022)” organized by NIT, Rourkela (February 15-19, 2022).
(xii)	Online webinar on “IPCC AR6 WGII Report: Highlights & Implications for India” organized by EPCO in association with WRI, India (March 2, 2022).

11. <u>Invited Lectures/Talks Delivered</u>	
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(iii)	
(iv)	

12.	<u>Any other relevant information</u>
(i)	

Ankur Vishwakarma
(Assistant Professor)