

Curriculum Vitae

Name: RAHUL PRADEEP AGRAWAL



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Mobile: 8149858498
Date of Birth: 5th June 1991

Academic Credentials

Class/ Degree	Specialization	Institution	University	Year	%/CGPA	Class
M.E./ M. Tech.	Water Resource Engineering	GECA	Dr. BAMU Aurangabad	2016	7.663	-
B.E./ B.Tech.	Civil Engineering	GECA	Dr. BAMU Aurangabad	2013	7.463	-

M. Tech. Project:

- ✓ Dissertation on “Flow Analysis of Dudhana River using HEC-RAS: Case-study” under Dr. D.G. Regulwar

B.E. Project:

- ✓ Project on “Construction Management of activities using P-3 Software” under Dr. D.G. Regulwar

Key Research Areas:

- ✓ Groundwater Modeling
- ✓ River Flood Modeling

Experience

Organization	Post	From	To	No. of Years
MIT Aurangabad	Assistant Professor	Jul 2016 to	Till date	3.6
Design Group Aurangabad	Junior Engineer	Jul 2013 to	Jun 2014	1.0

List of Courses Taught/Teaching at UG level

- ✓ Building Drawing and Planning
- ✓ Engineering Mechanics
- ✓ Fire Safety Engineering
- ✓ Water Resource Engineering
- ✓ Basic of Civil Engineering

List of Courses Taught/Teaching at PG level

- ✓ Groundwater Engineering

Additional Assignments/Duties

- ✓ Departmental Project Coordinator AY 2018-19, AY2019-20
- ✓ Work as Departmental Coordinator of Avishkar 2017, 2018
- ✓ DSY Admission committee 2016
- ✓ Class Teacher S.Y. Civil (S.S.) AY 2016-17
- ✓ Departmental NAAC/NBA Coordinator
- ✓ SIRO, R&D and Innovation Cells Coordinator 2016
- ✓ Engineering Geology Lab-Incharge

Membership of Professional Bodies

1. “**Life Member**” at Indian Society of Hydraulics ISH (LM-1217)
2. “**Life Member**” at Indian Water Resource Society IWRS (LM-2016-7657)
3. “**Life Member**” at International Association of Engineers (IAENG) (LM-196607)

Computer/Software Proficiency

- ✓ AutoCAD, MS Office, MS Project
- ✓ SPSS, ArcGIS, QGIS, EPANET
- ✓ HEC-RAS, MODFLOW

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference Attended

Sponsored STTP under AICTE/TEQIP/QIP	Place	Duration
TEQIP-III sponsored FDP “Applied Groundwater flow and contaminant transport modelling”	IIT Roorkee	24 - 28 June 2019
QIP sponsored “Advanced Computing Methods in Civil Engineering Systems”	IIT Mumbai	25 Feb -2 Mar 2019
Refresher Course on “Use of ICT for effective teaching learning”	MIT Aurangabad	8 - 12 January, 2019
FDP “Outcome based Education and NBA”	MIT Aurangabad	9 - 14 July, 2018
TEQIP sponsored FDP on “Foundation Course on Human Values and Professional Development”	SGGSIET Nanded	6 - 13 June, 2018
NITTR Chandigarh sponsored ICT mode on “Classroom Communication”	GP Aurangabad	28 May – 1 Jun, 2018
QIP sponsored “Computational Methods with applications to Fluid Dynamics”	IIT Mumbai	14 - 18 Aug, 2017

Use of ICT for effective Teaching Learning Process	MIT Aurangabad	27 Jun -1 Jul, 2017
QIP sponsored “GIS for Civil Engineers”	IIT Mumbai	15 - 19 May, 2017
AICTE sponsored "Geospatial Technology in Civil Engineering”	VJTI Mumbai	23 - 28 March, 2017
TEQIP sponsored “Hydrological Modelling using QGIS and SWAT analysis”	GEC Aurangabad	27-31 October, 2015
Hydrological Modeling using GEOSPATIAL Techniques	KIT Kolhapur	28 Jun – 2 Jul, 2015
Advanced Engineering Optimization through Intelligent Techniques (AEOTIT)	SVNIT Surat	22 - 26 June, 2015

Seminar/Workshop/Industrial Training/STTP//FDP/CEP/Conference organized

1. Organized two day workshop on “Estimation, Costing and Valuation” in association with ACEP Aurangabad on 21 Aug 2019 at MIT Aurangabad
2. Worked as student coordinator for 3rd National Conference on Sustainable Water Resources Development and Management SWARDAM 2016 at GEC Aurangabad
3. Worked as student coordinator for two day conference on “Post-Graduation Colloquium” in GEC Aurangabad with ISH & IWRS Aurangabad local chapter on 26-27 May 2016

List of Research Publications

1. **Agrawal R.P.** and Regulwar D.G. (2016), “Flood analysis of Dudhana River in upper Godavari Basin using HEC-RAS” 2nd National Conference on Innovation in Civil Engineering at **GEC Karad**, Vol. 5(1), pp.188-191
2. **Agrawal R.P.** and Regulwar D.G. (2016), “Unsteady flow analysis of lower Dudhana river using HEC-RAS” 3rd National Conference on Sustainable Water Resources Development and Management SWARDAM 2016 at **GEC Aurangabad**, Vol. 3, pp. 120-125
3. Awsarmal P.R., **Agrawal R.P.** and Dahake A.G. (2017), “Study of various soil properties of Shivana River for construction of Raft foundation” National Conference on “Advanced Trends in Agricultural & Food Engineering (ATAFE), MIT Aurangabad 7-8 March, 2017, (ISSN-2277-5730)
4. Awsarmal P.R., **Agrawal R.P.** and Dahake A.G. (2017), “Design of Weir by providing Raft foundation” National Conference on “Advanced Trends in Agricultural & Food Engineering (ATAFE), MIT Aurangabad 7-8 March, 2017, (ISSN-2277-5730)
5. Hattekar G.M., **Agrawal R.P.**, Shinde S.D. and Sadgir P.A. (2019) “Composite Filter for removal for physical and chemical contaminants from Groundwater” at National Conference on Environment Pollution control and Management (EPCM) at COE Pune, 1-2 March, 2019 (ISSN-)

NPTEL Certification

Start Date	End Date	Duration (in Weeks)	Course Name
20 Jul 2019	20 Sept 2019	8 Weeks	Teaching and Learning in Engineering (TALE-2)
25 Feb 2019	22 Mar 2019	4 Weeks	Teaching and Learning in Engineering (TALE-1)

Awards, Achievements and Recognition

- ✓ “Outstanding District Treasurer” for Rotaract International District RID 3132 in year 2015-16

Date: 25 Feb 2020

Place: Aurangabad