

**JNTUA COLLEGE OF ENGINEERING:: ANANTAPUR
(AUTONOMOUS)**

BIO DATA

Name : R.BHAVANI
Date of Birth: 25-05-1976
Designation : Professor in Civil Engineering
Office Address: Civil Engineering Department
JNTUA College of Engineering
Anantapur – 515 002.
Phone Number: 9490981954
e-mail address(es): rbhavani77@yahoo.com

Education:

- B.Tech Civil Engineering, JNTU College of Engg, Anantapur, 1998.
- M.Tech (Water resources Engineering), JNT University, Hyderabad, 2002.
- Ph.D (Water resources Engineering), JNT University, Anantapur.

Experience:

- Assistant Professor, Civil Engineering Department, JNTU Anantapur for a period of 13 years, Associate Professor for a period of 3 years and Professor since January 2017.

Additional posts:

- Officer incharge of Academic section from October 2010 to March 2013.
- Additional Controller Of Examinations from September 2014 to March 2018
- Controller Of Examinations since April 2018 till date.
- TEQIP III Environment Coordinator for JNTU Anantapur since October 2018 till date.
- Participating in Consultancy works of the Department.
- Worked as Fact Finding Committee member for various affiliated colleges of the University.
- Acting as member of Governing body Council for two Affiliated colleges.

Memberships in professional societies:

- Life Member of Indian Society for Technical Education.
- Life member of Indian Association of Hydrologists
- Life member of The Institute of Engineers (India)

Papers Published in Journals:

S.No	Title with page nos.	Journal	ISSN/I SBN No.	Whether peer reviewed Impact Factor	Month and year of Publication	No. of Co-authors
1	“Ground water irrigation and Agricultural development A case study of AP”, P.No: 8 to 12	Southern Economist	ISSN 0038-4046, volume 50, No 23	Yes	April, 2012	01
2	“Melt Densified Post consumer recycled plastic bags used as light weight aggregate in concrete”, P.No: 1097 to 1101	International Journal of Engineering Research & Applications (IJERA)	ISSN: 2248-9622, volume 2 Issue 4	Yes	July-August, 2012	02
3	Local Construction And Demolition Waste Used As Coarse Aggregates In Concrete”, P.No: 1236 to 1238	International Journal of Engineering Research & Applications (IJERA)	ISSN: 2248-9622, volume 2 Issue 5	Yes	September-October, 2012	02
4	Construction of Theissen Polygons for Rain Gauge stations in Anantapuram District”, P.No: 35 to 38	International Journal of Computational Engineering Research (IJCER)	ISSN: 2250-3005, volume 3, Issue 6	Yes	June, 2013	Nil
5	Comparision of mean and	International Journal of	ISSN: 2319-	Yes	July, 2013	Nil

	weighted annual rainfall in Anantapuram district”, P.No: 2794 to 2800	Innovative Research in Science, Engineering and Technology (IJRSET)	8753, volume 2, Issue 7			
6	Comparision of weighted rainfall obtained using Theissen Polygon and Isohyets in Chitravathi sub basin”, P.No: 153 to 160	International Journal for research in Science and Advanced technologies (IJRSAT)	ISSN: 2319-2690, volume 4, Issue 2	Yes	August-September, 2013	Nil
7	Testing of ground water quality for drinking purpose in Tirupati, Chittoor District, A.P, India”, P.No: 161 to 167	International Journal of Emerging Trends in Engineering and Development	ISSN: 2249-6149, volume 5, Issue 3	Yes	September, 2013	01
8	Developing an equation for computation of runoff for Jilledubanderu minor basin”, P.No: 1 to 7	International journal of Civil, Structural, Environmental and infrastructure Engineering Research and Dvelopment (IJCSEIERD)	ISSN: 2249-6866, volume 3, Issue 4	Yes	Cotober, 2013	Nil
9	Water quality index for assessment of water samples of different locations in Tirupati, Chittoor District, A.P, India”, P.No: 318 to 324	International journal of Advanced Scientific and Technical Research	ISSN: 2249-9954, volume 5, Issue 3	Yes	September-October, 2013	01

10	“Mapping River Inundation – A Case Study on River Pennar from Penna Ahobilam Balancing Reservoir (PABR) To Mid Pennar Reservoir (MPR)”, P.No:17974 to 17983	International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)	ISSN: 2319-8753, volume 3, Issue 12.	Yes I.F. 5.442	December, 2014	Nil
11	“Computation of effective rainfall for wet crops-A case study on 5 th distributary at Mid Pennar South Canal(MPSC)”, P.No 170 to 176	International Journal for Innovative Research in Science and Technology (IJIRST)	ISSN (online) :2349-6010, Issue 3 volume 2	Yes I.F. 1.638	August, 2015	Nil
12	“Computation of yield based on weighted normal monsoon rainfall for Kundu sub-basin of Pennar basin”, P.No:25 to 31	International Journal of Advanced Scientific and Technical Research (IJST)	ISSN: 2249-9954, Issue 5 volume 7,	Yes I.F 3.54	November-December, 2015	Nil
13	Comparison of Run-off Computed by Strange’s Table and ‘Dry Damp	International Journal of Science Technology & Engineering IJSTE	ISSN (online) : 2349-784X, Volume 2, issue	Yes I.F 3.905	April, 2016	Nil

	Wet' Method, P.No:1091 to 1095		10			
14	Experimental investigation of drainage water-A case study, P.No:124 to 127	International journal for Scientific Research & Development	ISSN(online): 2321-0613, Volume 4, Issue 8	Yes I.F 2.39	2016	Nil
15	Adsorption of Cadmium from Aqueous Solutions Using Low cost Materials- A Review, P.No 26 - 29	International Journal of Engineering & technology Journal of Engineering and technology			September 2018	2
16	LOGARITHMIC METHOD OF GROUND WATER QUALITY INDEX IN PALAR BASIN AT CHITTOOR DISTRICT, ANDHRA PRADESH	International Journal of Technical Innovation in Modern Engineering & Science (IJTIMES)	(SJIF-2017), e-ISSN: 2455-2585 Volume 4, Issue 11, P. NO:247-253	Impact Factor: 5.22	November-2018	2

Details of the various courses attended

S.No	Name of the course	Organized by	Duration
1	Refresher Course on "Digital image processing and Softcopy Photogrammetry"	UGC Academic Staff College, JNT University, Hyderabad.	3 weeks
2	Refresher Course on "Design and	UGC Academic Staff College,	3 weeks

	Applications of Robotic Systems and Advanced Mecghanisms”	JNT University, Hyderabad.	
3	Faculty Development Programme on“Applications of Geomatics forDisaster Management(AGDM-2013)”	Centre for Water Resources, JNT University, Hyderabad.	2 weeks
4	Certificate Course in Computer Aided Engineering” (ANSYS)	Civil Engineering Department , JNTUA College of Engineering, Anantapur	1 week
5	Faculty Development Programme on “Entrepreneurship” from 06/07/2015 to 18/07/2015	Entrepreneurship Development Institute of India under DST-NIMAT 2014-2015 in association with JNTUA College of Engineering Anantapur, JNTU Anantapur, A.P.	2 weeks
6	Training Course on “Sustainable development & Management of Ground water resources” from 20/07/2015 to 24/07/2015	Ministry of water Resources, River Development & Ganga rejuvenation, Cerntral ground water board, Southern Region.	1 week
7	One week faculty development programme on “Soft skills and Personality development”	JNTUA CEA, Anantapur under TEQIP-III	1 week(10-14 Dec, 2018)

Papers published in Conferences

S.No	Author name	Title	Conference name	Page number	Organise d by	Year
1	R.Bhavani,T.Kiran kumar, N.Kumara Swamy, G.Abbaiah	Sustainable materials and technologies for integrated watershed management	A National conference on “Recent Advances in Structural Engineering, RASE-2007” .	81 - 85	Civil Departme nt , JNTU College of Engineeri ng, Anantapur	2007
2	R.Bhavani,G.VN .Reddy,V.Venkateshwar a Reddy,B.Krishna Rao	Cost Effective containement of industrial waste	A National conference on “Advanced Trends in	458-462	Mechanic al Departme nt, JNTU	2001

			Mechanical Engineering Research and Development ”		College of Engineering, Anantapur	
3	R.Bhavani,Dr.A.Manjunath, Dr.G.Abbaiah	Multi Linear Regressive Model of Groundwater Quality in Anantapur District of A.P. in India	International workshop on “R&D Frontiers in Water and Wastewater Management”	303-313	National Environmental Engineering Research Institute, Nagpur	2006

Programes conducted:

National level student symposium in 2008

National level student symposium in 2011

Two day workshop on “Water Resources in Rayalaseema Region” on 7th and 8th March 2018

NOTE: Two day workshop, sponsored by University Grants Commission, New Delhi On”Outcome Based Education Approach in Engineering Curriculum” organized by JNTUACEA during 26/08/14 & 27/08/14.

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