

ER Sheet Data Entry Form						
Name of Organization : CENTRAL WATER AND POWER RESEARCH STATION, PUNE						
Employee No. : E-1118						
Service	CCS	Designation	Scientist 'B'	Sub Cadre	Group 'A'	
Joining Date : 24.02.1997						
Name Details						
Title	First Name	Middle Name	SurName		Initials	M.S.
SHRI	HANUMANTHAPPA	----	----			M.S.
Identity Card No. : 1384/12						
Sex	Male / Female	Date Of Birth	06.03.1972	Date of Retirement	31.03.2032	
Community	Valmiki	Religion	Hindu			
Father's Name	SHIVAPPA RANGAPPA MAGALAD					
Birth Details						
Birth Place	Haranagiri	Birth State/ UT	Karnataka	Nationality	Indian	
Birth District	Haveri (Earlier Dharwar)	Mother Tongue	Kannada			
Domicile	Karnataka	Physically Handicap Status	No			
Blood Group	B+	Identification Marks	'v' mark on left side forehead			
Marital Details						
Marital Status	Married/Unmarried	Spouse Name	SUDHA H.M.			
Spouse Nationality	Indian					
Joining Details						
Source of Recruitment	UPSC/CWPRS	Joining Date	24.02.1997	Retirement Date	31.03.2032	
Departmental Examination Details (If applicable)						
	Level	Year	Rank			
1						
2						
3						

Remarks (if any)				
Languages known				
	Name of Language	Read	Write	Speak
Indian Languages Known 1	Kannada	√	√	√
2	Indian English	√	√	√
3	Hindi	√	√	√
4	Marathi	--	--	√
5				
Foreign Languages Known 1				
2				
3				

Details of deputation (if applicable)

Name of the Office	Post held at that time in parent office	Name of post (selected for deputation)	Period of deputation	
			Since	From

Details of Foreign Visit

Sl. No.	Place of Visit	Date of visit	Post held at that time	Whether it is a personal or official visit	Details of visit

Transfer/Posting Detail (if applicable)

Place	Period of posting	
	Since	From

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)					
Qualification		Discipline		Specialization 1	
B.E M.E		Civil Civil		--- Hydraulics	
Year	Division		CGPA/ % Marks	Specialization 2	
1994 2005	First First		60% 61.5%	--- ---	
Institution		University		Place	Country
BVBCET,Hubli BVCOE,Pune		Karnatak University University of Pune		Dharwad Pune	India India
Experience					
Type of Posting			Level		
Permanent			Group 'A'		
Designation			Present Position		
Scientist 'B'			Scientist 'B'		
Ministry			Department		
MoWR,RD & GR			----		
Office			Place		
CWPRS			Pune		
Experience Subject			Period of Posting		
Major		Minor		From	To
Stability Analysis by FEM, Dam Instrumentation Analysis & Hydrotest		Engineering Properties by Load Test, Basic Research on Dams		24.02.1997 12.02.2001 12.10.2006	11.02.2001 12.10.2006 Till dated
<i>Note:-Refer the Annexure to fill above Major, Minor Subjects and below given training subject (minimum 1 week & above)</i>					
Training					
Training Year	Training Name			Training Subject	
2005	Geotechnical Investigations & Foundation Treatment for River Valley Projects			Geotechnical Investigations, Foundation Treatment	
2007	Design of Dams			Design of Dams	
Level	Institute Name, Place	Field Visit Country	Field Visit Place (within India)		
Executive Executive	CWC,New Delhi NWA,Pune	India India	New Delhi Pune		
Sponsoring Authority					
Sponsoring Authority		Period of Training		Duration	Result
		From	To	(in Weeks)	√
CWC CWC		10.01.2005 12.06.2007	14.01.2005 22.06.2007	One Two	Qualified Qualified Qualified
Awards/Publications :					
1. Research and Development Studies associated : Annexure -I					
2. Publications in Journals and Conferences/Seminars - Annexure -II					
Type of Activity:		Academic		Non Academic	
Activity Area		Activity Subject		Activity Title	

Day	Month	Year	Activity Description/Remarks	Level

Note: (i) Concerned CCS Officer is responsible for the correctness of information sent through ER Sheet proforma.

(ii) Subject to verification by the concerned administrative authorities.

Date : Place :Pune

Information checked and verified – by

Signature of Officer

Section Officer		Ministry/ Department		
E-mail id		Room NO.	Building Name:	
Phone NO.		Wing No.		

Annexure - I

I. No of Technical Reports Published for different projects: Associated in preparation and publishing of 49 Technical Reports.

<i>Sr.No</i>	<i>Area of Work</i>	<i>Projects Associated</i>
1.	<i>Stability /Stress Analysis of Gravity Dams Using Finite Element Method</i>	<ul style="list-style-type: none">➤ Srisaillam Dam, A.P.➤ Thokerwadi Dam, Maharashtra➤ Kudankulam Project➤ Sankosh Dam, Kerabari, Bhutan➤ Karanja Dam, Karnataka➤ Garudeshwar Weir Vadodara, Gujarat➤ Telengiri Dam, Jeypore, Odisha➤ Lower Tapi, Maharashtra
2.	<i>Performance Evaluation /Design Verification of Water Conductor system Using Hydrotest.</i>	<ul style="list-style-type: none">➤ Lower Periyar, Kraala➤ Upper Sileru, AP➤ Khopoli H.E. Project, Maharashtra.➤ Upper Indravathi➤ CAD Irrigation Project, Hyderabad, A.P.➤ Varahi Hydro Electric Project. Karnataka➤ Teesta-III, H.E. Project, Sikkim
4	<i>Monitoring of Structural Status of Hydraulic Structures by Analysis and Interpretation of Instrumentation data</i>	<ul style="list-style-type: none">➤ Indira Sagar Dam➤ Omkareshwar Dam➤ Koyna Dam➤ Varahi H.E.Project
5	<i>Application of Experimental Stress Analysis Using Strain Gauge Technology during Operation or Rehabilitation by Model and /or Field Studies</i>	<ul style="list-style-type: none">➤ Hirakud Dam➤ Natpha Jhakri, Project➤ Ajanta Caves
6	<i>Evaluation of Engineering Properties of Polycarbonates, Concrete Cores etc</i>	<ul style="list-style-type: none">➤ Many Projects

Annexure -II

I. Publications in Journals and Conferences/Lecture Notes:

A. Journals: 06

1. **Hanumanthappa M.S, Rizwan Ali, Shyamli Paswan, A.K. Ghosh, S. Govindan,** "Estimation of Rock Participation Factor through Hydro Tests of Pressure Shafts: A Case Study", *Journal of Water Resource Engineering and Management*. 2015; 2(2): 6–12p
2. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, Minoti Das (Mrs.) A K Ghosh, "Stress Analysis by Finite Element Method of Weir Block having large size Multiple Openings- A case study", *International Journal of Emerging Technology and Advanced Engineering*, Volume 5, Issue 1, January 2015.
3. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, S G Chaphalkar, S.Govindan "Effect on Stability of Gravity Dams due to Impounding of Water at D/s as result of Weir Construction Using FEM" *Water and Energy International, CBIP, India* (Accepted for publication)
4. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, A K Ghosh, S Govindan, " An Assessment of Structural Safety of Cement Mortar Lined Irrigation Water Pipeline by Hydrostatic Test", *Journal of Water Resources Engineering and Management*, 1(1):1-5p
5. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, A K Ghosh, S.Govindan "Evaluation of Structural Stability of an Existing Gravity Dam by Finite Element Method by Applying Pseudodynamic Approach", *International Journal of Emerging Technology and Advanced Engineering*, Volume 4, Issue 2, March 2014.
6. R K Kamble, B Muralidhar **Hanumanthappa M S,** Patil AV, Edlabadkar J S (Mrs) "A Multidisciplinary Approach for Analysis and Control of Seepage in Hydraulic Structures " *ISH International Journal of Hydraulics*, August 2013

B. Conferences/Seminars: 14

1. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, A K Ghosh, Dr I D Gupta "Analysing the Effect of Reservoir and Foundation Interaction in Gravity Dams on Stress Distribution by 2D Dynamic Analysis" *ISET GOLDEN JUBILEE Symposium of Indian Society of Earthquake Technology*, 20-21 October, 2012 at IIT Roorkee.
2. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, A K Ghosh, S.Govindan, "Evaluation of Structural Stability of an Existing Gravity Dam by Finite Element Method By Applying Pseudodynamic Approach", for *ISET GOLDEN JUBILEE Symposium of Indian Society of Earthquake Technology*, 20-21 October, 2012 at IIT Roorkee.
3. R K Kamble, B Muralidhar **Hanumanthappa M S,** Patil AV, Edlabadkar J S (Mrs), "A Multidisciplinary Approach for Analysis and Control of Seepage in Hydraulic Structures " *HYDRO 2012, IITB, December 2012*
4. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, Chaphalkar S.G. S Govindan, "2D Stability Analysis by Finite Element Method by Gravity dam in Himalayan Region – A case Study", *Seminor on "Dams & Spillways in Himallayan Region"*, Bureau of Indian Standards, November 2012, New Delhi.
5. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, Chaphalkar S.G. S Govindan, *Monitoring of Structural Integrity of Dam Based on Analysis and Interpretational of Dam Instrumentation Data (A Case Study)*, *Water Resources Department, Bureau of Indian Standards* on 24 February 2011 at New Delhi.
6. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, Chaphalkar S.G. S.Govindan, "Evaluation of Design Adequacy of Penstock Branching using Hydrostatic Test (A Case Study) *HYDRO 2010* at Ambala, 16-18 December 2010.
7. **Hanumanthappa M S,** Rizwan Ali, Shyamli Paswan, Chaphalkar S.G. and S Govindan, "Performance evaluation of Underground penstock bifurcation – A case study", *GEOTrendz – Indian Geotechnical conference, IGC-2010, 16-18 December 2010, IIT Mumbai, India.*
8. Rizwan Ali, **Hanumanthappa M S,** Shyamli Paswan, Chaphalkar S.G. S Govindan, "Verification of Structural Design of a Proposed Gravity dam in seismic zone V by 2D Pseudostatic approach using Finite Element Method- A case study" *14th Symposium on Earthquake engineering & Golden Jubilee Celebrations, 17-19 Dec 2010, IIT Roorkee.*

9. Rizwan Ali, **Hanumanthappa M S**, Shyamli Paswan, Chaphalkar S.G.S Govindan, "2D Pseudostatic stability analysis of gravity dam in high seismic zone using finite element method a case study' National Conference on "Hydraulics, Water Resources, Coastal and Environmental Engineering" HYDRO 2009 at CWPRS, December 17-18, 2009.
10. Rizwan Ali, **Hanumanthappa M S**, Shyamli Paswan, Chaphalkar S.G., S Govindan, "Effect on stability of gravity dam due to impounding of water at downstream side as a result of weir construction using finite element method-a case study", 7th International R& D Conference-Development and Management of Water and Energy Resources – 4-6 February 2009, Bhubaneswar (Orissa), India (*Organised by CBIP*).
11. Rizwan Ali, **Hanumanthappa M S**, Shyamli Paswan, S.G. Chaphalkar, S.Govindan, ' Analysis and interpretation of dam instrumentation data for study on structural behaviour of Indira Sagar Dam, MP : Sixth International R& D Conference Sustainable Development of water and Energy Resources – Needs and Challenges, 13th - 16th February 2007 Lucknow, India (Organised by CBIP).
12. Rizwan Ali, A.K.Sathe, V.T.Desai, **Hanumanthappa M S**,, A.V.Patil, S.G.Chaphalkar, "Experimental Determination of Volumetric Shrinkage in Mass Concrete – Koyna Dam, National conference & Exhibition on Civil Engineering : Meeting the challenges of Tomorrow ,Department of Civil Engineering Guru Nanak Dev Engineering College, Ludhiana, 24th & 25th November 2006.
13. Rizwan Ali & **Hanumanthappa M S** ,
' 2-D Stability Analysis of Masonry Gravity Dam using Finite Element Method-A case study, *National Conference on Hydraulics and Water Resources (HYDRO-2003), CWPRS, Pune, Dec 26-27, 2003.*
14. V J Shende, Rizwan Ali, **Hanumanthappa M S**, I Azaraiah,
'Structural Model Studies on Penstock Bifurcation of Nathpha Jhakri Hydro Electric Project, H P'. National Conference on Hydraulics (HYDRO – 99), Nagpur, March 6-7, 1999.

II. Published Lecture Notes in Training Programmes :09

1. "Performance of Water Conductor System and In-Situ Hydro Tests" prepared for Training Programme on "Operational Aspects of Hydro Power Plant- Structural and Hydraulic Considerations", CWPRS, 09 - 11 September 2014
2. Contributed two lecture Notes for Training Programme on ""Structural Safety Concern of Hydro Power Projects - Role of CWPRS" CWPRS during 21st -23rd January, 2014.
3. Contributed two lectures Notes for Training course on "Dam Safety and Rehabilitation" 15-17 September, 2013, for Ghana and WAPCOS Engineers
4. Contributed two lectures Notes for Training course on "Dam Safety and Rehabilitation" from 15 to 17 April, 2013, Bhopal
5. Contributed two lectures Notes for Training Programme on ""Dam Safety and Rehabilitation" CWPRS during 5th - 7th February, 2013.
6. Contributed One lecture Note for "25th Induction Training Programme for Newly Recruited Engineers of CWC" NWA, 2012
7. Contributed One lecture Notes for Training Programme on "Advanced Techniques for Assessment and Control of Seepage in Hydraulic Structures" *CWPRS, Pune, 7-9 February 2012*
8. Contributed One lecture Note for Training Programme on "Earthquake Resistant Design of Dams" *CWPRS, Pune, 11-13 January 2012*
9. Contributed two lectures Note for Training Programme on ""Seepage in Hydraulics Structures", 6-9 March 2007

IV. Published Articles in Technical Memorandum: 03

1. Contributed Two Chapters for the Technical Memorandum on "CONTRIBUTION OF CWPRS FOR HYDROPOWER DEVELOPMENT- HYDRAULIC AND STRUCTURAL ASPECTS"
2. Contributed One Chapter for the Technical Memorandum on "DAM SAFETY AND REHABILITATION"
3. Contributed One Chapter for the Technical Memorandum on "SEEPAGE IN HYDRAULIC STRUCTURES" (*draft*)