

ER Sheet Data Entry Form**Name of Organization : CENTRAL WATER AND POWER RESEARCH STATION, PUNE****Employee No. : E-1375**

Service	CCS	Designation	Research Assistant (Sci.)	Sub Cadre	Group B
----------------	-----	--------------------	------------------------------	----------------------	---------

Joining Date :12/09/2011**Name Details**

Title	First Name	Middle Name	SurName	Initials	
Mr.	BALACHANDRAN			K	

Identity Card No. :1292/11

Sex	Male /Female	Date Of Birth	03/04/1984	Date of Retirement	30/04/2044
------------	--------------	----------------------	------------	---------------------------	------------

Community	Karuvan	Religion	Hindu
------------------	---------	-----------------	-------

Father's Name KASU V**Birth Details**

Birth Place	MELARCODE	Birth State/UT	Kerala	Nationality	Indian
--------------------	-----------	-----------------------	--------	--------------------	--------

Birth District	PALAKKAD	Mother Tongue	Malayalam
-----------------------	----------	----------------------	-----------

Domicile	Kerala	Physically Handicap Status	NA
-----------------	--------	-----------------------------------	----

Blood Group	A+ve	Identification Marks	Black mole on middle finger of right hand
--------------------	------	-----------------------------	---

Marital Details

Marital Status	Married/Unmarried	Spouse Name	Mrs.VIDHYA V
-----------------------	-------------------	--------------------	--------------

Spouse Nationality	Indian
---------------------------	--------

Joining Details

Source of Recruitment	UPSC/CWPRS	Joining Date	12/09 /2011	Retirement Date	30/04/2044
------------------------------	------------	---------------------	--------------------	------------------------	------------

Departmental Examination Details (If applicable)

	Level	Year	Rank
1			
2			
3			

Remarks (if any)				
Language known				
	Name of the languages	Read	Write	Speak
Indian Languages Known	1 Hindi	Yes	Yes	Yes
	2 English	Yes	Yes	Yes
	3 Malayalam	Yes	Yes	Yes
	4 Marathi	Yes	No	No
	5 Sanskrit	Yes	No	No
	6 Tamil	Yes	Yes	Yes
Foreign Languages				
1	Nil			
2	Nil			
3	Nil			

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
NA	NA	NA		

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
	NA	NA	NA	NA	

Transfer/Posting Detail (if applicable)

Place	Period of posting	
	Since	From
NA	NA	NA

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)			
Qualification	Discipline		Specialization 1
B. Sc	Physics		Quantum Mechanics
Year	Division	CGPA/% marks	Specialization 2
2004	First	78.7 %	Thermodynamics
Institution	University	Place	Country
N.S.S College , Nemmara, Palakkad	Calicut University	Nemmara, Palakkad, Kerala	India
Qualification	Discipline		Specialization 1
M. Sc	Physics		Special Electronics
Year	Division	CGPA/% marks	Specialization 2
2006	First	80.0 %	Mathematical Physics
Institution	University	Place	Country
Govt. Arts College, Udumalpet, Tamil nadu	Bharathiar University	Udumalpet, Tamilandu	India
Qualification	Discipline		Specialization 1
M. Tech	Nanoscience and Technology		Nanotechnology
Year	Division	CGPA/% marks	Specialization 2
2010	First	79.0 %	Nanomaterials
Institution	University	Place	Country
Mepco Schlenk Engineering College,, Sivakasi, Tamil nadu	Anna University	Sivakasi, Tamil nadu	India
Experience			
Type of Posting	Level		
Permanent	Gp 'B' Non Gaz.		
Designation	Present		
RA (Scientific)	RA (Scientific)		
Ministry	Department		
Ministry of Water Resources, Ganga Rejuvenation & River Development	Central Water & Power Research, Pune-24		
Office	Place		
CW&PRS, Khadakwasla	Pune - 411024		
Experience Subject	Period of Posting		
Major	Minor	From	To
Post Graduate Teacher (Bappuji English Medium School,Parli, Palakkad)	Teaching of Higher secondary classes	01/06/2007	31/03/2008
Adhoc-Lecturer (National Institute of Technology ,Calicut, Kerala)	Teaching of Graduate level classes	23/12/2010	20/05/2011

Concrete Technology (CW&PRS, Pune)		Thermal & Creep Properties of Concrete		12/09/2011	Till date
<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	
		Field Visit Country		Field Visit Place (within India)	
				CWPRS, Pune	
Sponsoring Authority		Period of Training		Duration	Result
		From	To	(in Weeks)	Qualified
					Not Qualified
Awards/Publications: Annexure I attached					
Type of Activity:		Academic		Non Academic	
Activity Area		Activity Subject		Activity Title	
Concrete Technology		Rehabilitation of Hydraulic Structures		Strengthening of hydraulic Structures	
Day	Month	Year	Activity Description/Remarks		Level
13	06	2014	Delivered lecture entitled Review of Nanotechnology on concrete+held at CWPRS, Pune.		--

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

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

Date :

Place :

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

PUBLICATIONS

I. No. of Technical Reports Submitted to Clients: 18

Nature of Studies	Name of Projects/Dams
1. Determination of physical properties and Temperature Control Studies on Mass Concrete towards construction and strengthening of gravity Dams.	Mulla Periyar, Nilwande , Bham Dams etc.
2. Identification of suitable repair material, devising repair methodology and monitoring execution towards repair and rehabilitation of distressed hydraulic structures.	Almatti, Barna, Bansagar, Ichari, Dimbhe Dam, Krishnarajasagar Anjunem, Shivsagar Dams, Power House of Rourkela Steel Plant, Tillari Aqueduct and repair materials of M/s Perma Chemicals and M/s Dimple Chemicals
3. Assessment of quality of Masonry/ Concrete in Gravity Dams.	Tarali, Bhandardhara, Darna, Kushalpura.
4. Physical inspection of distressed hydraulic structures.	Pathazhakundu Dams, Weir of Koothuhole Reservoir, Sirsa and Manakpur Aqueducts.

II. No. of Technical Papers Published : 3

A. Technical Papers Published in Conferences/Seminars

1. *Patil A V, S J Pillai, R Vigneswaran, K Balachandran, S D Pingale and Rizwan Ali*, Repair of Damages in Distressed Masonry Dams - A Case Study+, First National Dam Safety Conference+jointly organized by CWC, Tamilnadu WRD and IIT Chennai held in IIT Chennai on 24th & 25th March, 2015.
2. Balachandran K.Jeyasubramaniyan, N.Selvakumar, Sabu Thomas,& Susan Joseph Magnetic Force Microscopic Studies of Single-Phase -Fe₂O₃ Nanoparticles by Simple Novel Sol-Gel Methodq , International Journal of Nanotechnology and Applications (IJNA), Vol. 5, No.3 PP.309-316 Special Issue (2011)
3. Balachandran K %Synthesis and characterization of Metal oxide nano particles for gas sensor application+, NANOMEET 2010+organized by Anna university ,Chennai

III. Lecture's delivered and published in proceedings of Seminars / Conferences/ Training Courses etc. – 1 Nos.

1. Delivered lecture on 13/06/2014 on ~~Review~~ Review of Nanotechnology in concrete+q organized by Training Management Cell, CWPRS at CWPRS, Pune.