

ER Sheet Data Entry Form						
Name of Organization : CENTRAL WATER AND POWER RESEARCH STATION, PUNE						
Employee No. :1174						
Service	CCS	Designation	Scientist 'B'	Sub Cadre		
Joining Date :21/01/1999						
Name Details						
Title	First Name	Middle Name	SurName	Initials		
Mr	Sanjay	Anandrao	Burele	SAB		
Identity Card No. :						
1709/15						
Sex	Male	Date Of Birth	10/02/1968	Date of Retirement	29/02/2028	
Community	(Teli) OBC	Religion	Hindu			
Father's Name	Anandrao Dajibaji Burele					
Birth Details						
Birth Place	Nagpur	Birth State/ UT	Maharashtra	Nationality	Indian	
Birth District	Nagpur	Mother Tongue	Marathi			
Domicile	Maharashtra	Physically Handicap Status	No			
Blood Group	O rh+	Identification Marks	Mole on left hand small finger			
Marital Details						
Marital Status	Married	Spouse Name	Sandhya			
Spouse Nationality	Indian					
Joining Details						
Source of Recruitment	CWPRS	Joining Date	21/01/1999	Retirement Date	29/02/2028	
Departmental Examination Details (If applicable)						
	Level	Year	Rank			
1	Research Assistant	21/01/1999	Class-II			
2	Assistant Research Officer	06/05/2009	Class-II			
3	Scientist 'B'	29/12/2011	Class-I			

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

Details of deputation (if applicable)-NA

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-NA

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)-NA

Place	Period of posting	
	Since	From

Qualification (Use extra photocopy sheets for multi qualifications, experience, training, awards details)				
Qualification	Discipline			Specialization 1
1) BE 2) M-tech 3) Ph.D	Civil Engineering Water Resources Development & Management Water Resources Development & Management			River Engineering Braided river Channelization
Year		Division	CGPA/ % Marks	Specialization 2
1) 1993 2) 2010 3) 2011		Ist Ist Pursuing Ph.D	63% 7.9	
Institution		University	Place	Country
1) YCCE IIT, Roorkee IIT, Roorkee		2) Nagpur University IIT, Roorkee IIT, Roorkee	Nagpur Roorkee Roorkee	India India India
Experience – Annexure-1				
Type of Posting		Level		
Designation		Present Position		
Ministry		Department		
Office		Place		
Experience Subject		Period of Posting		
Major		Minor	From	To
<i>Note:-Refer the Annexure to fill above Major, Minor Subjects and below given training subject (minimum 1 week & above)</i>				
Training:- Annexure-2				
Training Year	Training Name		Training Subject	
Level	Institute Name, Place	Field Visit Country	Field Visit Place (within India)	
Annexure-3				
Sponsoring Authority	Period of Training		Duration	Result
	From	To	(in Weeks)	Qualified Not Qualified
Awards/Publications:- Annexure-4 & 5. List enclosed of paper published and lecture delivered				
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 : 29/06/2015 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.			

Experience

A) **Designation** :- Assistant Engineer

Ministry:-

Department: - Irrigation Dept., Maharashtra State, Nagpur

Period of position: - 11.07.1996 to 20.01.1999

Experience:- Design of following structure

1. Village road bridge of lower Wardha project, of left bank main canal at RD-570.
2. Village road bridge of Gosikhurd project, of left bank main canal no. 1, at RD-5420.
3. Major district road bridge of Gosikhurd project, of right bank main canal, at RD-18345.
4. Cross regulator cum head regulator of Gosikhurd project, of left bank main canal, at RD-11130.
5. Village road bridge of lower Wardha project, of left bank main canal at RD-22750.
6. Drop slab culvert of lower Wardha project, of left bank main canal at RD-18340.
7. Village road bridge of lower Wardha project, of left bank main canal at RD-21840.
8. Major district road bridge of Gosikhurd project, of left bank main canal, at RD-25735.

B) **i) Designation** :- Research Assistant

Ministry: - Ministry of Water Resources

Department: - Central Water & Power Research Station

Period of position: - 21.01.99 to 05.05.2009

1. Collection and analysis of bed material samples from proposed road and rail bridge, Nirmali, Bihar. (2002)
2. Model studies for proposed Rail and Road bridge on Kosi river, Nirmali, Bihar.(2003)

3. Model studies for Flood protection measures for western embankment of Kosi river (2004).
4. Model studies for extension of guide bunds of proposed Rail and Road bridge on Kosi river, Nirmali, Bihar.(2004)
5. Model studies for revised design of proposed Rail and Road bridge on Kosi river, Nirmali, Bihar.(2005)
6. Model studies for proposed Srisailam weir across Krishna river, Andhra Pradesh. (2006)

ii) Designation: - Assistant Research Officer

Ministry: - Ministry of Water Resources

Department: - Central Water & Power Research Station

Period of position: - 06.05.2009 to 28.12.2011

- 1) Model studies for protection measures for Kosi afflux bunds and flood embankments, Bihar.(2009)
- 2) Desk studies for assessing the hydraulic parameters of seven cross drainage works on the service road adjacent to Pune-Solapur express highway, Maharashtra.(2011)

iii) Designation: - Scientist 'B'

Ministry:- Ministry of Water Resources

Department: - Central Water & Power Research Station

Period of position: - 29.12.2011 to till date

- 1) Model studies for protection works for Kosi afflux bunds and flood embankments. (2012)
- 2) Report on site inspection of Pravara river reach from Ozar pickup weir to Bhandardara dam, Maharashtra. (2014)

Training/Lecture series attended

- 1) Correction of irrigation system deficiency for improved canal irrigation, during 28th January to 02nd February 2008, conducted by Dept. of Water Resources & Management, IIT, Roorkee, sponsored by Ministry of Water Resources, CAD & WM Wing.
- 2) Creative Art & Design in Technical Education, on 23rd February 2008, conducted by Dept. of Architecture & Planning, IIT, Roorkee.
- 3) National workshop on sediment disposal techniques, during 19th & 20th November 2002, conducted by CW & PRS, Pune.
- 4) Lecture series conducted by senior officer of River Engineering group during 1st March 2005 5th March 2005 at CWPRS, Pune.

Field visit to various sites

- a) 30.10.2001 to 01.11.2001 - Visited to Birpur, Bihar for attending meeting of Kosi High Level Committee and site inspection of river Kosi
- b) 14.05.2002 to 25.05.2002 - Visited to Kosi Barrage, Birpur, Bihar for collection of bed sample, regarding model studies for proposed construction of Rail & Road bridge on river Kosi at Nirmali, Bihar.
- c) 09.07.2003 to 19.07.2003 – Visited to Tungabhadra Dam, Karnataka for rating of Tungabhadra left bank canal, at chainage 28 & 46 mile.
- d) 03.05.2005 to 08.05.2005 - Visited to office of National Highway Authority of India, New Delhi, regarding additional model studies for proposed construction of Rail & Road bridge on river Kosi at Nirmali, Bihar.
- e) 03.09.2011 - Visited to Pune - Solapur express highway, to understand overall situation of proposed/constructed bridges.
- f) 12.11.2011 to 28.11.2011 - Participated in International Trade Fair – 2011 held at Pragati Maidan, New Delhi for demonstrating the models to public.
- g) 03.03.2012 to 06.03.2012 - Visited to Rail & Road bridge on river Kosi at Nirmali, Bihar, regarding inspection of flow attack on approach embankment to rail bridge.
- h) 23.04.2012 to 27.04.2012 - Visited to WRD, Patna and Kosi barrage Birpur, Bihar for discussion at Patna and collection of data for the model studies of Kosi river.
- i) 15.11.2013 to 20.11.2013 - Visited to Birpur, Bihar for attending meeting of Kosi High Level Committee and site inspection of river Kosi.
- j) 09.01.2014 to 11.01.2014 - Visited to Pravara river and Bhandardara dam regarding inspection and discussion on abundant intake wells in the bank adjacent to the river.

LIST OF RESEARCH PAPERS PUBLISHED

- 1) Sanjay A. Burele, D. N. Deshmukh, Dr. Nayan Sharma, Dr. Ashish Pande. "Prediction of bed level in river using HEC-RAS 4, Kosi river, A case study" in National Conference on Hydraulic, Water Resources, Coastal and Environmental Engineering, Hydro-2009, CWPRS, Pune. Dec 17-18, 2009, pp. 137-147.
- 2) S. A. Burele, M. N. Singh. "Study for locating bridge on braided river" Proc Ninth International Conference on Hydro-Science and Engineering, IIT, Madras, Chennai, India, Aug 2-5, 2010, pp. 1074-1084
- 3) Sanjay A. Burele, Mahanand Singh, Ishwer D. Gupta, Zulfeqar Ahmad, Nayan Sharma and Pradeep Garg. "Remote Sensing satellite communication based operation/regulation of gates of hydraulic structure" in Journal of the Instrument society of India, Vol. 41, no.02, June 2011, pp. 84-87
- 4) Sanjay A. Burele, Ishwer D. Gupta, Mahanand Singh, Nayan Sharma and Zulfeqar Ahmad. "Experimental study on performance of spurs" in ISH Journal of Hydraulic Engineering. Vol. 18, no.03, September 2012, pp. 152-161
- 5) Sanjay A. Burele. "Model studies for evolving hydraulic design of bridge across braided river" in Journal of Indian Water Resources Society, Vol. 33, no.03, July 2013, pp. 12-19
- 6) Sanjay A. Burele, Nayan Sharma, Zulfeqar Ahmad and Ishwer D. Gupta. "Numerical Simulation-Optimization for channelization of river Kosi" in International Journal of Scientific Engineering and Technology, Vol. 03, Issue no.09, September 2014, pp. 1149-1155
- 7) Sanjay A. Burele, Nayan Sharma, Z. Ahmad and I. D. Gupta. "Morphological changes of river Kosi from Chatra to Nirmali" in Nineteenth International Conference on Hydraulic, Water Resources and Environmental Engineering, MANIT, Bhopal, Dec 18-20, 2014, pp. 109-123.
- 8) Sanjay A. Burele, Nayan Sharma, Z. Ahmad and I. D. Gupta. "Use of artificial Intelligence for sediment rating and gauge-discharge curve" in Nineteenth International Conference on Hydraulic, Water Resources and Environmental Engineering, MANIT, Bhopal, Dec 18-20, 2014, pp. 347-36

Lecture delivered in short courses held at CWPRS

1) River Training and Management – 22 – 24 January 2012

Location, layout of bridges and barrages

2) River Training and Management – 29 – 31 January 2014

Hydraulic modeling techniques for river

Field visit to various sites

- k) 30.10.2001 to 01.11.2001 - Visited to Birpur, Bihar for attending meeting of Kosi High Level Committee and site inspection of river Kosi
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12. Cross regulator cum head regulator of Gosikhurd project, of left bank main canal, at RD-11130.
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