

Name: Dr. Sharad G. Joshi

1.	Educational, professional qualifications and trainings								
1.1.	Educational Qualification (from highest to basic)								
	Degree	University / College	;	Discipline		ear of assing	Cla	ass obtained	
a)	PhD Shivaji University, Kolhapur, Maharashtra.			Civil Engineering	2017		Not	Applicable	
b)	ME	Pune University, Maharashtra		Structures	200	9	ByF	Research	
c)	Dip (IT)	C-DAC, Pune, Maharashtra.		Information Technology	199	9		D. First to C- C, Pune.	
d)	BE (Civil)Karnataka University Dharwad.			Civil Engineering	1984	1984		FCD. First Rank to University	
1.2.									
S.N.	Subject Area of Training		C	Organization		Place		Period / Duration	
a)	Quality (soil)	control and testing		Engineering Staff College.		Nasik		One week. March 1991	
b)	Operation	of Reservoirs		Engineering Staff College.		Nasik		One week. April, 1991	
c)	Reservoir	Sedimentation		Engineering Staff College.		Nasik		Four Days. July, 1992	
d)	Roller Compacted Concrete for dams.		Γ	Electric Power Development Co. L apan.	.td.	Nasik		One week, May 2000.	
e)	Third International Conference on Dam safety. Presented Paper		Central Board of Go Irrigation and Power, New Delhi		Goa		Three days. Dec. 2001		
f)	Fourth International R & D Conference. Presented Paper		Central Board of Irrigation and Power, New Delhi		Auranga	abad	Three days. Dec. 2003		
g)	Third Nat	ional Seminar on avation Techniques.	C	CMRI, IEI, Nagpur WRD GoM.	and	Nagpur		One day. July 2005	

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h)	International Conference on	Central Board of	Pune	Three days,
	RCC Dams	Irrigation and Power,		Mar 2006.
		New Delhi		
i)	National Workshop on	Indian Society for	Pune	2 days. Dec.
	Advances in Water Resources,	Hydraulics & Sinhgad		2006
	Presented Paper	College of Engg. Pune.		
j)	National Workshop on Dam	Dam Safety	Nasik	2 days. Mar.
	Safety.	Organisation, Govt. of		2006
	Presented Paper	Maharashtra.		
k)	National symposium on	IWRS and IEI, Nagpur	Nagpur	2 days. Nov
•	Interlinking of rivers in India			2006
I)	International Symposium on	ICOLD	St.	6 days. June
,	Large dams during 75th		Petersburg	2007.
	Annual ICOLD meeting.		(Russia)	
	Presented Paper			
m)	National Workshop on	National Water	Pune	2 days. Mar.
,	Reservoir Operation Schedule	Academy, Pune		2007.
n)	Design of Dams.	National Water	Pune	2 weeks.
	Resource Person	Academy, Pune.		Jun 2007.
o)	Aseismic design of Gravity	IIT Kanpur and	New Delhi	One day.
	dams.	NICEE.		Feb. 2009.
p)	Seminar on Concrete dams.	IEI Nagpur and GoM	Nagpur	One day.
	Presented Paper			Oct.2009.
q)	Earthquake resistant design of	CW & PRS, Pune.	Pune	3 days. Jan.
	dams.			2012.
	Resource Person.			
r)	Recent Advances in Civil	KLE Dr. MSS CET	Belagavi	3 days.
-	Engineering.	Belagavi.		April 2013.
	Presented Paper.			-
s)	Good Governance and	SDM CET Dharwad	Dharwad	1 day. Jun.
-	Leadership in Technical			2014
	Education.			
t)	National conference on	SDM CET Dharwad	Dharwad	1 day. Jun.
-	Computer aided analysis and			2016
	design of structures (CAADS-			
	2016)			
	Session Chair.			
u)	International Conference on	KLE Dr. MSS CET	Belagavi	3 days. Mar
-	Hydraulic and Environmental	Belagavi.		2017.
	Systems.			
	Session Chair.			
v)	Performance Audit of	IEI, Local Center,	Belagavi	2 days. Jan
-	Ghataprabha and Malaprabha	Belagavi.	_	2018
	Irrigation projects.			
		1		1

		iculty Profile		1		1
w)	Relevance of Site Effect in	hquake	Virtual		1 day, May	
	Earthquake Resistant	Engg (IAEE) a	nd ISET	SET		2020.
	Construction.					
x)	Seismic Response of Retaining	Intl. Asso. Eart	hquake	Virtual		1 day, Jun.
.,	walls.	Engg (IAEE) a	-			2020.
y)	Engineering Preparedness for	International A		Virtual		1 day, Jun.
¥)	Earthquake disaster Mitigation	Earthquake En		Viituui		2020.
	Latinquake disaster whitgation	(IAEE) and ISI				2020.
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z)	7 th International Conference on	IISc. Bengalur	,	Bengalu		12-15 July
	Recent Advances in	Guwahati, CBI		(virtual)		2021.
	Geotechnical Earthquake Engg	Roorkee, ISET	, IGS.			
	and Soil Dynamics					
aa)	International cooperation in	National Water	ſ	Virtual		7 th Jun –
	Water sector of India	Academy, Pun	e			27 th Sept
						2021.
1.3.	Membership of National and In	ternational Prof	essional E	Bodies/O	rganis	ations
S.N.	Name of Professional Body/	Organization	Pla	ice	N	lembership
						Category
a)	Institution of Engineers (India) (Kolkata	olkata Life		Member	
b)	International Commission on lar (India) (INCOLD)	New Delhi Li		Life	Member	
c)	Indian Water Resources Society	Indian Water Resources Society (IWRS)			Life	Member
d)	Indian Geotechnical Society. Secretary, Hubli-Dharwad Chap	(Also, Hon. ter of IGS)	New De	lhi	Life	Member
e)	Indian Society for Earthquake To (ISET)	echnology	Roorkee		Life	Member
f)	Dams & Development Council o (DADCI)	of India	Pune		Life	Member
g)	Indian Society for Technical Edu	acation (ISTE)	New Del	lhi	Life	Member
h)	American Society of Civil Engir	neers (ASCE).	Boulder	(USA)	Affi Mer	liated nber
i)	Indian Concrete Institute (ICI)	Chennai Lif		Life	Member	
j)	Association of Consulting Civil (ACCE), India.	Bengalu	ru	Felle	ow Member	
1.4.	Technical Papers/Books Publish	ed in National /	Internati	onal Ever	nts / J	ournals
a)	Papers Joshi S. G., Kulkarni V. I dam safety – A dynamic P Evaluation, Goa. Central I 2001. 	rocess." Third In	ternationa	l conferen	nce or	Dam Safety

 Joshi S. G., Kulkarni V. M. and Gaikwad V. V. (2003). "Determination of Dynamic modulus of Elasticity of Dam Concrete – A unique Experiment." Fourth International R & D conference, Aurangabad. Central Board of Irrigation and Power, New Delhi, Dec. 2003. Joshi S. G., Modak D. N. and Gaikwad V. V. (2005). "Excavation under controlled Conditions for Koyna Spillway Strengthening". 3rd National Seminar on Rock Excavation techniques, Nagpur. July, 2005. Joshi S. G. and A. P Bhave.,(2006). "Evaluation of Existing dams and Action Plan for restoration, Case study: Koyna dam." National Workshop on Advances in Water Resources by Indian Society for Hydraulies and Sinhagad College of Engg. Pune, Dec. 2006. Joshi S. G., Inamdar M. S. and Modak D. N. (2006). "Restoration, Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." International Journal of Geotechnical and Earthquakk Engineering, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gr		Tacdity Frome
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 Plan for restoration, Case study: Koyna dam." National Workshop on Advances in Water Resources by Indian Society for Hydraulics and Sinhagad College of Engg. Pune, Dec. 2006. Joshi, S. G., Inamdar M. S. and Modak D. N. (2006). "Restoration, Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publis	4	
 in Water Resources by Indian Society for Hydraulics and Sinhagad College of Engg. Pune, Dec. 2006. Joshi S. G., Inamdar M. S. and Modak D. N. (2006). "Restoration, Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Geotechnical and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D.	4.	
 Engg. Pune, Dec. 2006. Joshi, S. G., Inamdar M. S. and Modak D. N. (2006). "Restoration, Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G., and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil, Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravi		
 Joshi, S. G., Inamdar M. S. and Modak D. N. (2006). "Restoration, Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia- Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi (2017). "Response Spectrum Based Stochastic Method for earthquake analysis o		
 Rehabilitation and Retrofitting of Koyna dam". National Conference on Dam safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." International Journal of Geotechnical and Earthquake Engineering, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." International Journal of Civil, Structural Engineering, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." Journal of Engineering Meechanics, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S	_	
 safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar. 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for co	5.	
 2006. Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." International Journal of Geotechnical and Earthquake Engineering, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation flexibility and impedance contrast on the response of gravity dams." International Journal of Civil and Structural Engineering, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." Journal of Engineering Mechanics, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proce		
 Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." International Journal of Geotechnical and Earthquake Engineering, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." International Journal of Civil and Structural Engineering, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." Journal of Engineering Mechanics, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level confere		safety, Dam safety organisation, Government of Maharashtra, Nashik, Mar.
 Dam". Symposium at 75th International Commission on Large Dams (ICOLD) Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. 7. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia- Pacific, Danang, Vietnam. 2008. 8. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. 9. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. 10. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		2006.
 Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007. Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	6.	Joshi S. G., V. C. Shelke and M. Gopalkrishnan. (2007). Rehabilitation of Koyna
 Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation of Koyna dam, India". International Conference on Water Resources Asia- Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		Dam". Symposium at 75 th International Commission on Large Dams (ICOLD)
 of Koyna dam, India". International Conference on Water Resources Asia-Pacific, Danang, Vietnam. 2008. 8. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. 9. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. 10. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		Annual Meeting, Saint Petersburg, Russia, June 24-29, 2007.
 Pacific, Danang, Vietnam. 2008. Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	7.	Joshi S. G., Shelke V.C. and Panse R. V. (2008). "Challenge in Flood Mitigation
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 Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics</i>, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		Pacific, Danang, Vietnam. 2008.
 Concrete dams, 2-3 Oct. 2009, Nagpur, Govt of Maharashtra and Institution of Engineers. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams-Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics</i>, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	8.	Joshi S. G. (2009). "Uncertainties in the design of dams". All India Seminar on
 Engineers. 9. Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. 10. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake</i> <i>Engineering</i>, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure</i> <i>Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering</i> <i>Mechanics</i>, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
 Joshi S. G. and V. B. Karikatti. (2014). "Roller Compacted Concrete Dams- Emerging Technology using bulk fly ash" National Conference on Beneficial use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake</i> <i>Engineering</i>, IGI-Global, 5(2), P 1-18. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure</i> <i>Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering</i> <i>Mechanics</i>, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		•••
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 use of fly ash in Construction Industry and Agriculture, Raichur, Karnataka. 2014. 10. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE.</i> ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
 2014. 10. Joshi S. G., I. D. Gupta, L. R. Pattanur and P. B. Murnal. (2014). "Investigating the effect of depth and impedance of foundation rock in seismic analysis of gravity dams." <i>International Journal of Geotechnical and Earthquake Engineering</i>, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
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 gravity dams." International Journal of Geotechnical and Earthquake Engineering, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." International Journal of Civil and Structural Engineering, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." Journal of Engineering Mechanics, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
 Engineering, IGI-Global, 5(2), P 1-18. 11. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Effect of foundation flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
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 flexibility and impedance contrast on the response of gravity dams." <i>International Journal of Civil, Structural, Environmental and Infrastructure</i> <i>Engineering Research and Development</i>, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering</i> <i>Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	11	
 International Journal of Civil, Structural, Environmental and Infrastructure Engineering Research and Development, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering</i> <i>Mechanics</i>, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		-
 Engineering Research and Development, Trans Stellar, 5(4), P 19-32. 12. Joshi S. G., I. D. Gupta and P. B. Murnal. (2015). "Analyzing the effect of foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
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 foundation inhomogeneity on the seismic response of gravity dams." <i>International Journal of Civil and Structural Engineering</i>, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering</i> <i>Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	10	
 International Journal of Civil and Structural Engineering, Integrated Publishing Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." Journal of Engineering Mechanics, ASCE. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 	12	
 Association, 6(1), P 11-24. 13. Gupta I. D. and S. G. Joshi. (2017). "Response Spectrum Based Stochastic Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE</i>. ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
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 Method for earthquake analysis of gravity dams." <i>Journal of Engineering Mechanics, ASCE.</i> ISSN 0733-9399 Vol. 143(5), May 2017. 14. Joshi S. G. and Patil S. V. (2018) "Fly ash – the magic material for concrete constructions". Proceedings of National level conference on Recent Advances in 		
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			Faculty Profile				
	15. Patil I.S., Joshi S. G. and Patil S. V. (2021), "Grouping and Optimisation of structural design using FCM algorithm". International Journal of Soft						
	Computing (Under Review)						
	Books						
				se on Engineering Concepts in			
			ticing Engineers." (under	oner for the students of Science			
		gy and pract	ucing Engineers. (under	publication process)			
	Reviewer						
	1. International	Journal for	Earthquake Engineering an	nd Engineering			
	Vibration.(S						
			Earth System Sciences.(Sp	0			
		Journal of	Environmental Sciences an	d Pollution Research.			
	(Springer)	s Expert Rev	viewer with Academic Exc	hange Information Centre			
	11	1	r, Elsevier, Wiley, IOP, EL	e			
			•	ishing, DEStech publications,			
	TTP and Atl	-					
	5. Journal of To	oday's ideas	s and tomorrow's technolog	gies.			
15	Languago skills (r	ability to)	Speak:	Read / Write			
1.5.	1.5. Language skills (abili		•				
1			English	English			
			English, Hindi.	English, Hindi.			
			Hindi,	Hindi,			
2.	Employment Info	ormation ar	Hindi, Kannada, Marathi.	Hindi, Kannada,			
			Hindi, Kannada, Marathi.	Hindi, Kannada, Marathi.			
2.1.	Employment Info	ormation	Hindi, Kannada, Marathi. nd Professional Experience	Hindi, Kannada, Marathi. till date (provide latest to first).			
	Employment Info	ormation Dean (Aca	Hindi, Kannada, Marathi. nd Professional Experience ademics) and Professor of C	Hindi, Kannada, Marathi. till date (provide latest to first).			
2.1.	Employment Info Job title Employer	ormation Dean (Aca KLE Instit	Hindi, Kannada, Marathi. nd Professional Experience ademics) and Professor of O tute of technology, Opp Air	Hindi, Kannada, Marathi. till date (provide latest to first).			
2.1.	Employment Info Job title Employer Dates (from –	ormation Dean (Aca	Hindi, Kannada, Marathi. nd Professional Experience ademics) and Professor of O tute of technology, Opp Air	Hindi, Kannada, Marathi. till date (provide latest to first).			
2.1.	Employment Info Job title Employer Dates (from – to)	ormation Dean (Aca KLE Instit 30/06/201	Hindi, Kannada, Marathi. nd Professional Experience ademics) and Professor of C tute of technology, Opp Air 8 to date	Hindi, Kannada, Marathi. till date (provide latest to first). Civil Engineering rport, Hubli 580 027			
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2.1.	Employment Info Job title Employer Dates (from – to)	ormation Dean (Aca KLE Instit 30/06/201 Teaching a Consultan Technolog Studies an Research a Consultan Shapurkar Vetting o Working	Hindi, Kannada, Marathi. A Professional Experience ademics) and Professor of C tute of technology, Opp Air 8 to date and Administration of Dept cy works in Civil Engg., gical University related w d Board of Examinations. in Civil Engg. cy services to solve cra ndi dam project on Ravi riv f designs for structures of as Associate Consultant	Hindi, Kannada, Marathi. till date (provide latest to first). Civil Engineering rport, Hubli 580 027 t and college, torks as Member of Board of cking problem in concrete of er in Punjab. under South Western Railway. to ESSAR Laboratories for			
2.1. a)	Employment Info Job title Employer Dates (from – to) Responsibilities	ormation Dean (Aca KLE Instit 30/06/201 Teaching a Consultan Technolog Studies an Research a Consultan Shapurkar Vetting o Working structural	Hindi, Kannada, Marathi. A Professional Experience ademics) and Professor of C tute of technology, Opp Air 8 to date and Administration of Dept cy works in Civil Engg., gical University related w d Board of Examinations. in Civil Engg. cy services to solve crain di dam project on Ravi riv f designs for structures of as Associate Consultant audit, the only NABL accre	Hindi, Kannada, Marathi. till date (provide latest to first). Civil Engineering rport, Hubli 580 027 t and college, vorks as Member of Board of cking problem in concrete of er in Punjab. under South Western Railway. to ESSAR Laboratories for edited Lab in North Karnataka.			
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	Dates (from –	01/07/2017 to 30/06/2018
	to)	
	Responsibilities	Teaching, Administration of Civil Engg. Department and college.
		Consultancy works in Civil Engg.
		Research in Civil Engg.
		Consultancy to Savanur LI Scheme (under WRD, Karnataka).
		Consultant to Shantala Power Ltd. Hubli, Karnataka, engaged in
		NDT testing and structural stability analysis.
c)	Job title	Associate Professor and Head of Department, Civil Engineering
	Employer	KLE Institute of technology, Opp Airport, Hubli 580 027
	Dates (from – to)	01/11/2011 to 30/06/2017
	Responsibilities	Teaching, Administration of Civil Engg Department.
		3 weeks visit to Mauritius on University assignment.
		Consultancy works in Civil Engg., Consultancy to Electronic Corpn
		of India Ltd (ECIL), Nuclear Fuel Complex (NFC), Hyderabad for
		safety assessment of structures.
d)	Job title	Assistant Professor and Head of Department, Civil Engineering
	Employer	KLE Institute of technology, Opp Airport, Hubli 580 027
	Dates (from –	02/09/2011 to 31/10/2011
	to)	
	Responsibilities	Teaching, Administration of Civil Engg Department, Consultancy works in Civil Engg., Material testing, designs and supervision consultancy.
e)	Job title	Executive Engineer. KWDT Special Cell, Pune.
	Employer	Water Resources Department, Govt. of Maharashtra.
	Dates (from –	07/06/2007 to 31/08/2011
	to)	
	Responsibilities	Study of water demand, availability, apportionment between the
		disputant states of Maharashtra, Karnataka and Andhra Pradesh in
		respect of Krishna river water.
		Studying interstate projects, Preparing Techno-legal papers and
		submission to Tribunal. Assisting legal tam in preparation of argument
		notes, drafting technical part of affidavits of technical witnesses of the
		state. Attending interstate meetings, preparing Cabinet notes for State
		Govt and related works.
f)	Job title	Executive Engineer. IPI (KB), MKVDC, Pune.
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		raculty Frome
	Employer	Maharashtra Krishna Valley Development Corporation Ltd. Pune. (a subsidiary of Govt. of Maharashtra)
	Dates (from – to)	06/07/2006 to 06/06/2007
	Responsibilities	Investigation for new projects. Study to estimate the yield of West flowing stream of Maharashtra and possibility of their diversion Eastwards. Preparation of DPRs of such projects.
g)	Job title	Executive Engineer, Koyna Dam Maintenance Division, Koynanagar, Dist. Satara.
	Employer	Water Resources Department, Govt. of Maharashtra.
	Dates (from – to)	09/07/2003 to 05/07/2006
	Responsibilities	In-charge of Rehabilitation of Koyna dam for the revised Maximum Credible Earthquake at the site. Strengthening of the Spillway- a unique work in the country by providing concrete backing to one of the largest dams, without affecting the functioning of the dam and Koyna hydro power generation which is the Lifeline of the State. This technically challenging and risky work was accomplished within the stipulated time of 16 months and within the estimated cost of Rs. 140 Crores. Involved in design, planning, scheduling, execution and contract management of the retrofitting work of Koyna dam. Comprehensive Instrumentation of Koyna dam executed. Extensive leakage treatment to Koyna dam. Maintenance of Koyna Seismological network consisting of 7 stations. Collection, dissemination and interpretation of earthquake data. Carried out the physical inspection of water conductor system of Koyna Hydroelectric project Stage 1 and 2 pending for nearly 30 years. Operation and maintenance of Koyna Hydrological network consisting of 14 rainguage stations. Handled the phenomenal flood of 2005 with unprecedent discharge from the dam. Involved as a Joint Project Coordinator for the study of seismic response of Koyna Power House jointly with Nuclear Power Corporation Ltd. and Govt. College of Engg, Karad, Maharashtra.
h)	Job title	Executive Engineer, PimpalgaoJoge Dam Division, Narayangaon, Dt. Pune.
	Employer	Maharashtra Krishna Valley Development Corporation Ltd. Pune. (a subsidiary of Govt. of Maharashtra)
	Dates (from – to)	01/11/2002 to 08/07/2003

Responsibilitie	es Construction, supervision, quality assurance, operation and			
	 maintenance of Pimpalgao Joge dam – a large composite dam under Kukadi Irrigation Project with partial operation. and maintenance. Construction of Chilewadi Medium Project – Earthen dam, Concrete Spillway, Gates, Hoists, Outlets and other works. 			
i) Job title	Assistant Engineer Grade-I, Class-1, Koyna Design Division No. 1 Pune.			
Employer	Koyna Design Circle, Pune (under Govt of Maharashtra)			
Dates (from – to)	08/07/1998 to 01/11/ 2002			
Responsibilitie	 Finalisation of site-specific earthquake parameters for Koyna and Kolkewadi dams. Dynamic stability analysis of Koyna dam overflow section. Involved with CWPRS in formulating and conducting a unique experiment to determine the dynamic properties of as-built concrete of Koyna dam and its foundation by taking large size cores and subjecting them to dynamic loading. Design of Strengthening for Koyna dam using software programs from IIT Roorkee and University of California. Vetting of the designs from IIT and Experts Committee. Design of components of Koyna reservoir in view of Revised PMF by CWC to revise Reservoir Operation Schedule and Gate Operation Schedule. Involved with IIT Roorkee in finalising seismic parameters for Ghatghar Lower dam (85m tall). 			
j) Job title	Assistant Engineer Grade-I, Class-1, Dimbhe Dam Division, Dimbhe, Dist. Pune.			
Employer	Maharashtra Krishna Valley Development Corporation Ltd. Pune. (a subsidiary of Govt. of Maharashtra)			
Dates (from – to)	21/07/1993-07/07/1998			
Responsibilitie	 Revision of designs and construction of longest span and tallest Prestressed concrete aqueduct across Ghod river. Construction of high bank, deep cuts and a tunnel for DRBC. Supervision work of Dimbhe dam (Large masonry dam). 			
k) Job title	Assistant Engineer Grade-I, Class-1, Lower Terna Canal Division No.2 Latur.			
Employer	Water Resources Department, Govt. of Maharashtra.			

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	Dates (from – to)	27/07/1988 to 20/07/1993			
	Responsibilities	Conducted canal alignment survey. Developed software to prepare estimates of canal earthwork for the first time in the department. Executed canal construction work including two major aqueducts. Involved in the issues related to Lower Terna Dam. Involved in monitoring the earthquakes prior to main shock of Killari earthquake of 1993.			
l)	Job title	Assistant Engineer Grade-I, Class-1, on probation			
	Employer	Water Resources Department, Govt. of Maharashtra.			
	Dates (from – to)	15/06/1987 to 26/07/1988			
	Responsibilities	Orientation training for direct recruits of Water Resources Department in Engineering Staff College, Nasik, IIT Bombay, WALMI Aurangabad and field training at various places in Maharashtra.			
2.2.	Public Service &	Volunteer Work			
a)	Member, Board of Studies of Vishveshvaraya Technological University, Karnataka, (2019 onwards).				
b)	Member, Board of Examinations in the Vishveshvaraya Technological University, Karnataka. (2018, 2019, 2020).				
c)	Member of Local Inquiry Committee for affiliation of colleges, Vishveshvaray Technological University, Karnataka (2018, 2019, 2020).				
d)	Member, Board of Studies of Basaveshwar Engineering College, (Autonomous) Bagalkot, Karnataka (2014 Onwards).				
e)	Member, Board of Examinations of KLE Technological University, Hubballi, Karnataka (2019 onwards)				
f)	Member, Board of Examinations of SDM College of Engineering and Technology, Dharwad, Karnataka (2017, 2018, 2019).				
g)	Member, indeper	ndent Expert Committee for evaluation of NEAT under AICTE			
h)	Chaired Technical sessions in National and International conferences.				
i)	Examiner, paper setter and evaluator for various undergraduate, post graduate studies at various universities, autonomous Engineering colleges and KPSC.				
j)	Recognised M. Tech and Ph D Guide of the Technological University. One scholar carrying out research on earthquake effects on foundations of structures.				
k)	Maharashtra, NV	n various platforms like IEI, Engineering colleges in Karnataka and VA Pune, ATI Mysore, WALMI Dharwad, ACCE, IGS, JSW, Indian technical matters, especially on water and dam related issues.			

1)	Extensive lectures in primary and high schools on environmental awareness and water related subjects.					
2.3.	Other professional achievements such as any awards, special skills, etc.					
a)	Best student of the college i	n BE (1983).				
b)	-	ze for securing 1 st Rank in BE Civil and securing highest ing all branches of Engineering to the University (1983).				
c)	_	d at the hands of Hon'ble Governor of Maharashtra for the field of Engineering (2000).				
d)	Leader of the Best Engineering team of the State. Cash prize of Rs. One lakh and felicitation at the hands of Hon'ble Governor of Maharashtra (2007), in recognition of accomplishing the work of Koyna Dam spillway strengthening – the first of its kind in the country without affecting the functioning of the project and with meticulous quality within time and cost.					
e)	Felicitation by Karad Architects and Engineers Association for efficiently handling the flood situation in South Maharashtra in 2005.					
f)	Received additional merit contribution to the Govt. Se	increments several times in recognition of the outstanding ervice.				
3.	Any other information					
3.1.	Strengths	Disciplinarian, Adaptable, Quick learner.				
3.2	Important Assignments					
a)		BIS, Revision to IS:1893 Criteria for Earthquake Resistant : Dams and Embankments under CED 39 of Bureau of Indian				
b)	· · ·	Member, Dam Safety Review Panel, Govt. of Gujarat, under Dam Rehabilitation and Improvement Project (DRIP), Govt. of India.				
3.3	Important Consultancy works carried out in the recent past					
	Engaged in Consultancy services in structural and hydraulic designs, testing, construction supervision, NDT, structural health monitoring, rehabilitation and retrofitting of structures and other civil engineering related works.					
	Important consultancy wo					
a)	1	es, Services to seven dams – Ukai, Kadana, Panam, Dharoi, in the State of Gujarat have been visited and delberations				

b)	• Consultancy for diagnosis and recommendation for remedial Construction & Quality Assurance measures for the cracks appeared during construction in the Main Dam of Shapurkandi Dam Project. Pathankot, Punjab. (2020)					
c)	height of Bairapur Ban	• Design proof checking and consultancy services for Improvement by raising the height of Bairapur Bandhar near Bairapur in Gadag Dist. Under MI & GW Dept., Govt of Karnataka. (2020)				
d)	-	r the construction of Lift Irrigation scheme on Varada river ist. Karnataka. (2017 & 2018)				
e)	Verification of Design and Stability analysis of Check Dam across Bennihalla near Mutthalli village, Shiggaon taluk. Haveri Dist. Karnataka. (2017)					
f)	• Construction site visit for Construction Supervision & Quality Assurance aspects of Shahpurkandi dam project, Punjab (2014)					
g)		er consultancy in Construction Supervision & Quality e Vaitarana RCC dam, Thane Dist. Maharashtra. (2011)				
4.	General information					
4.1.	Name	Dr. Sharad G. Joshi				
4.2.	Gender	Male				
4.3.	Nationality	Indian				
4.4.	Date of birth	27th Dec. 1958				
4.5.	Contact address #160, SHREESH, 3rd Cross, 3rd Main, Siddeshwar Par Vidyanagar, Hubli – 580 031. Dist.: Dharwad, Karnatak India.					
4.6.	Phone / mobile number	+919538881948, +919422029479				
4.7.	Email	sharadgjoshi@rediffmail.com,sharad.joshi@kleit.ac.in, gsharadjoshi@gmail.com				

03/02/2022	Dr. Sharad G. Joshi	ES.
Date	Full name	Signature