

## **Performa Faculty Profile for website Updation:**



**Name of Faculty:** Dr Sanjeev Kumar Verma

Designation: Professor and Head IQAC

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**Educational Qualification : (Ph.D /PG/ UG) PhD (Civil Engineering)**

**Total Experience:**

Academic: 21 yrs | Industry: yrs | Research: yrs

**Areas of Interest:** Service life of Concrete Structures, Characteristics of Materials

**Brief Profile:**

Dr Sanjeev Kumar Verma is Professor in School of Engineering and Technology and Head-IQAC. He is Ph.D. in Civil Engineering from RGPV Bhopal. His primary area of interest is Durability and service life of concrete structures, where he focuses on Non -Destructive Testing and Civil engineering Materials. He is having more than 21 years of experience in the Research and Teaching. He has guided almost 40 PG Students and Currently guiding 06 PhD Candidates. He has published more than 25 research papers including 10 research papers in SCI/Scopus indexed journals, 02 Book, 02 Book Chapters. He is having 01 Copyright and filed 01 Patent. He has completed 01 research project and working on a research project. He is also Editor in Chief of International Journal of Frontier in Civil and Structural Engineering and reviewed almost 20 research papers of different Journals.

**Research publications in International Journal: 20**

**Total Citation Index: 353 (h-index: 6, i10-index:5 )**

(Research paper detail in APA format) (Impact factor: )(Citation: )

S.No.	Title with Page Nos.	Journal	ISSN / ISBN No.	Indexing	Impact Factor	Citations
1	In-situ condition monitoring of concrete structures	Front of Struc and Civil Engg @ springer	2095-2430	SCI	3.258	8
2	Determination of carbonation depth through in-situ testing of concrete	Romanian Journal of Materials	ISSN 1583 - 3186	SCI	0.61	3
3	Determination of service life for concrete structures	Romanian Journal of Materials	ISSN 1583 - 3186	SCI	0.61	3
4	Computational Methods in Service Life Modeling of Concrete Structures	The Indian Concrete Journal	0019-4565	SCOPUS	0.14	2
5	Probabilistic Evaluation of Service Life for Reinforced Concrete Structures	Chinese Journal of Engineering	2314-8063	SCOPUS	0.56	19
6	Monitoring Corrosion of Steel Bars in Reinforced Concrete Structures	The Scientific world Journal	2356-6140	SCOPUS/SCI	1.73	89
7	Evaluating Effect of Chloride Attack and Concrete Cover on the Probability of Corrosion	Front of Struc and Civil Engg @ springer	2095-2430	SCI	3.258	31

8	Evaluating Time Dependent Chloride Diffusion Coefficient and Surface Chloride Content for Concrete Structures	Romanian Journal of Materials	ISSN 1583 - 3186	SCI	0.61	1
9	Carbonation induced deterioration of concrete structures	The Indian Concrete Journal	0019-4565	SCOPUS	0.14	4
10	Estimating Residual Service Life of Deteriorated Reinforced Concrete Structures	American Journ. Civil Eng. Arch.,	ISSN (Print): 2328-398X, ISSN (Online): 2328-3998	Peer Reviewed		26
11	Review of Non Destructive Testing methods for Condition Monitoring of Concrete Structures	Journal of Construction Engg.@ Hindawi publication	ISSN: 2314-5986	Peer Reviewed		167
12	Protection of reinforced concrete structures against corrosion - a review	J. Engg. Sc. Mgmt. Ed. @ NITTTR,	ISSN:0976-0121.	Peer Reviewed		
13	Service Life Modeling of Reinforced Concrete Structures- A Critical Review".	J. Mod. Sim. Des. Manuf.	ISSN:0976-7827.	Peer Reviewed		
14	Mathematical Performance Models For Reinforced Concrete Structures	NBM & CW	0973-0591.	National		
15	Deterioration mechanisms of concrete structures	NBM & CW	0973-0591.	National		
16	Introduction to	IJCEA	ISSN 2249-	Peer		

	testing techniques of RC structures		426X	Reviewed		
17	Effect of using plastic granules on the characteristics of concrete”.	Int. Journal of Mech. Engg	ISSN: 0974-5823	SCOPUS/UGC-care		
18	Structural health monitoring of structures through nondestructive testing	Int. Journa of Front Civil Struc. Engg	ISSN: 2582:1946	Peer Reviewed		
19	Determining the effectiveness of porous concrete	Int. Journa of Front Civil Struc. Engg	ISSN: 2582:1946	Peer Reviewed		
20	Correlation models to determine the characteristics of concrete with plastic granules	Int. Journal for Res. Trends and Innov.	ISSN: 2456-3315	UGC Approved		

**Papers presented in International Conferences: 2**

**Papers presented in National Conferences: -**

**Patents: 1 Filed/ 1 Copy right Granted**

**International/National Conference & Workshops Attended:8**

**FDP Attended: 7**

**Awards/Recognitions: -**

**Workshops/Seminars/Conference Organized: 11**

**Membership of Professional Bodies: ISTE**

**Other Achievements:**

**Book / Book Chapter Published**

S. No	Title	Publisher	Volume	Authors
1	Durability and Service Life of Concrete Structures	LAMBART ACADEMIC PUBLISHING	1 (1), 2021	Dr Sanjeev Verma Dr S S Bhadauria Dr Saleem Akhtar
2	Chloride Ingress in Concrete	LAMBART ACADEMIC	1 (1), 2022	Dr Sanjeev Verma

	Structures	PUBLISHING		Prof Hitesh Kodwani
3	Corrosion- Major Cause of Deterioration of Reinforced concrete	A G Publishing House	Book Chapter in book "Handbook of Trends in Engineering technology and Research	Dr Sanjeev Verma
4	Determining Residual Service Life of Concrete Structures Based on Experimental Data	B P International	Book Chapter in book "Novel Perspectives of Engineering Research	Dr Sanjeev Verma Dr S S Bhadauria Dr Saleem Akhtar

1	Editor in Chief	International Journal of Frontier in Civil and Structural Engineering (IJFCSE) ISSN: 2582:1946 <a href="http://www.ijfcse.com/editorial-board/">http://www.ijfcse.com/editorial-board/</a>
2	Reviewer	Journal of Mat. in Civil Engg/ Materials and Structures/ Int Journal of Civil Engg/ Journal of Appl Phy Sci Int