CV

Personal Details		
	**Name**	SAURABH SANGAL
	Gender	Male
	DOB	1st July 1988
	Phone no.	9897360294
	Email	er.saurabh.sangal@gmail.com
	Google Scholar Address	https://scholar.google.co.in/citations?user=MK0ciq8AAAAJ&hl=en

RESEARCH AREA OF INTEREST

Thermodynamics, Heat and mass transfer, Hydro and Renewable energy, Performance analysis of Turbo machines, Computational Fluid dynamics

PROFESSIONAL EXPERIENCE (5+ years in Teaching as Assistant professor)

Designation	Organization	From	To
Assistant Professor	**HBTU Kanpur, Uttar Pradesh**	5th Sept 2018	30th Sept 2021
Assistant Professor	**THDC-IHET, Tehri-Garhwal, Uttarakhand**	5th Jan 2018	1st Sept 2018
Assistant Professor	**Krishna Engineering College, Ghaziabad, Uttar Pradesh**	16th July 2015	30th June 2016
Assistant Professor	**Lovely Professional University, Jalandhar, Punjab**	21st July 2013	30th Nov 2014

DETAILS OF SUBJECTS TAUGHT

Names of Subjects at Under Graduate Level	Institution	Names of Subjects taught at Post Graduate Level	Institution
Fluid Mechanics and Machinery, Heat and mass transfer	HBTU Kanpur, KEC Ghaziabad	Computational Fluid Dynamics	Lovely Professional University, Jalandhar, Punjab
Power plant technologies, IC Engines	Lovely Professional University, Jalandhar, Punjab	Optimization of Engineering design, CAD of Mechanical systems	HBTU Kanpur
Refrigeration and air-conditioning	HBTU Kanpur	Alternative energy Resources	HBTU Kanpur
Machine design	HBTU Kanpur		

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PARTICIPATION IN SEMINARS/CONFERENCES/WORKSHOPS	
2	
ORGANIZATION OF SHORT TERM COURSES	
1	
PARTICIPATION IN SHORT TERM COURSES	
3	

CONFERENCE PROCEEDINGS EDITED

Name of Conference	Place	Dates with year	ISBN No.
2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES	Bhubaneswar, Orrisa	2016/10/3	978-1-5090-4620-1/16/$31.00 ©2016 IEEE

Research Publications in International Journals

- Saurabh Sangal, Arpit Garg and Dinesh Kumar. "Review of Optimal Selection of Turbines for Hydroelectric projects". International Journal of Emerging Technology and Advanced Engineering (ISSN 2250-2459, ISO 9001:2008 Certified Journal, Volume 3, Issue 3, March 2013.
- D Kumar, S Sangal, RP Saini. "Flow Analysis of Kaplan Hydraulic Turbine by Computational Fluid Dynamics". International Journal of Applied Engineering Research.
- Sangal, Saurabh, M K Singhal, and R P Saini. 2018. "Hydro-Abrasive Erosion in Hydro Turbines: A Review." International Journal of Green Energy, February. Taylor & Francis, 1–22. doi:10.1080/15435075.2018.1431546.

Publications in International Conferences

- S Sangal, MK Singhal, RP Saini. "CFD based analysis of silt erosion in Kaplan hydraulic turbine". 2016 International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES). 978-1-5090-4620-1/16/$31.00 ©2016 IEEE

Academic Performance: (High School to Highest Qualifications)

Qualifications	University/Board	Institute and place	Year of Passing	Grade/ Percentage
High school	U.P. Board	Bhagwanti Saraswati Vidya Mandir, Muzaffarnagar, UttarPradesh	2003	66.7

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Intermediate	U.P. Board	Bhagwanti Saraswati Vidya Mandir, Muzaffarnagar, UttarPradesh	2005	70.8
Graduation	Punjab Technical University	Sri Sukhmani Institute of Engineering and Technology, Dera Bassi, Punjab	2010	70.6
Post-Graduation	Indian Institute of Technology Roorkee	Indian Institute of Technology Roorkee, Roorkee, Uttrakhand	2013	8.43
Ph.D. (Pursuing)	Indian Institute of Technology Roorkee	Indian Institute of Technology Roorkee, Roorkee, Uttrakhand	Date of joining- 08.07.2016	--

EXTRA CURRICULARS

SAGA CAUTLEY BHAWAN DAY, IIT ROORKEE (2012)
Contribute as an Event Organizer and got the certificate of appreciation.

ANNUAL TECHNICAL FESTIVAL 'COGNIZANCE' IIT ROORKEE (2012)
Worked as a Co-Convener and successfully organized the event in AHEC

SKILLS AND ACHIEVEMENTS

Computer Languages: C++, MATLAB

Software Packages: PRO-E, SOLIDWORKS, ANSYS FLUENT

Additional Courses: Heat and mass transfer**,** Computational fluid dynamics and Simulation

Languages Known: Hindi (SRW), English (SRW)

PERMANENT ADDRESS

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Saurabh Sangal