

Curriculum Vitae

Brihaspati Singh

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D.O.B. – 10/07/1991

Academic:

Class / Course	College/ Institute	Board/ University	Year	% Marks/ SGPA	Remarks
Ph. D (Mechanical Engineering)	National Institute of Technology, Patna		2020-		Pursuing
M. Tech. (Thermal & Fluid Engineering)	Indian Institute of Technology, Varanasi	Banaras Hindu University	2013-15	7.93	1 st Class
B. Tech. (Mechanical Engineering)	KIET Ghaziabad	UPTU Lucknow	2009-2013	72.02	1 st Class
Intermediate	SVM Deoria	CBSE Board	2008	76.2	1 st Class
High School	SVM, Deoria	CBSE Board	2006	76.4	1 st Class

Area of Interest:

Thermodynamics, Fluid Mechanics, I.C. Engine, Refrigeration & Air-conditioning & Renewable Energy

Dissertation Topic of M. Tech:

Experimental performance and emission analysis of variable compression ratio engine fueled with biodiesel (castor oil) and diesel blend.

B. Tech. Project:

Synthesis and Mechanical testing of Al 7075 and ceramic composite

Industrial Training:

- NE Railway Gorakhpur
- Gauri component Private limited, Meerut

Professional experience:

Sr No.	Designation	Place	Duration
1.	Assistant Professor	SRMU, Lucknow, UP	20 th July 2015 - 7 Dec. 2017
2.	Assistant Professor	REC, Azamgarh	08 Dec. 2017- till now

International Journals

1. B. Singh & S.K. Shukla (2016) Experimental analysis of combustion characteristic on a variable compression ratio engine fuelled with biodiesel(castor oil) and diesel blend, *Biofuels*, 7:5,471-477, Taylor & Francis Group, ISSN:1759-7269(Print) 17597277(online), DOI: 10.1080/17597269.2016.1163210

2. Shailendra K. Shukla, Jeevan V. Trikey and Brihaspati Singh(2016) Performance and emission characteristics of VCR engine with castor oil biodiesel, International Journal of Power & Energy System, Vol 36, No. 3, 2016(DOI:10.2316/Journal.203.2016.3.203-6204).

Faculty Development Program/Short term course/ Seminar/ Workshop

- Attended workshop on Outcome Based Education held on 16th -17th March 2018 at REC Azamgarh.
- Attended Short term training programme Computational & Manufacturing Challenges in Mechanical Engineering held on 19th -25th March 2018 at MMMUT Gorakhpur.
- Attended Entrepreneurship Awareness Camp 19th -21st April 2018 at REC Azamgarh.
- Organized FDP on Total Quality Management held on 4th to 8th June 2018 at REC Azamgarh.
- Organized Start up Summit held on 4th to 8th September 2018 at REC Azamgarh.
- Organized workshop on Corporate Expectation & Academia held on 15th to 19th September 2018 at REC Azamgarh.
- Organized Gyan Technical Programm held during 5th to 7th October 2018 at REC Azamgarh..
- Attended Short term training program on Fundamental and Application of Computational Fluid Dynamics held on 2nd to 6th April 2019 at GEC Karad.
- Organized FDP on Recent Advancement in Mechanical Engineering at Rajkiya Engineering College Azamgarh held on 19-23 August 2019
- Attended Workshop on Gender Sentisation and Woemen Empowerment in Varanasi Jointly organized by the SPIU UP and REC Azamgarh on 18th February 2020

Academic Responsibility

- Nodal Office Academic TEQIP-III at REC Azamgarh
- Ass. Dean Academics at REC Azamgarh
- CARE In-charge
- DPC member of Civil Engineering Department

Subject Taught

Sr. No.	Subject
1.	Heat & Mass Transfer
2.	IC Engine & Compressors
3.	Applied Thermodynamics
4.	Refrigeration & Air Conditioning

Personal Details:

Father's Name : Mr. Arvind Kumar Singh

Mother's Name : Mrs. Pramila Devi

Date of Birth : 10th ,July, 1991

Nationality : Indian

Language Known : Hindi, English

Permanent Address : Vill-Deoria Nakchhed, Post-Pakari Vir Bhadra, Deoria-274206

Declaration:

I hereby certify that all the information provided here is correct to the best of my knowledge.

(Brihaspati Singh)