

Name of Teaching Staff : Dr. Sanjeev Bhagwan Thool

Designation : Assistant Professor

Department : Dept. of Production Engg.

Date of Joining the Institution : 09.01.2017

Qualifications with Class / Grade : (1) Ph.D. (Mechanical Engg.) from NIT Raipur in 2015.

(2) M.E. (Mechanical Engg.), Dec. 2003, Ist class, 69.55%, Govt. Engineer College Raipur (Now NIT, Raipur).

(3) B.E. (Mechanical Engg.), May 1999, Nagpur University Nagpur.

Total Experience in Years : **Teaching: 14** years.

1. Assistant Professor in Production Engg. From 9-1-2017 till date.

2. Associate Professor, Mahatma Gandhi Missions College of Engineering and Technology, Navi Mumbai, from 26/07/2015 to 31/12/2016.

3. Assistance Professor, Rungta College of Engineering and Technology, Bhilai (CG), from 15/07/2012 to 25/07/2015.

4. Assistant Professor, Priyadarshini College of Engineering, Nagpur, from 03/07/2009 – 01/06/2012.

5. Lecturer, Bapurao Deshmukh College of Engineering, Sevagram, Wardha, from July 30/07/2007 to 03/04/2009.

6. Lecturer, Karmavir Dadasaheb Kannamwar College of Engineering, Nagpur, from 18/07/2003 to 30/04/2007.

Papers Published in Journals : **International :-- 09.**

(1) **Thool S. B.** and Sinha, S. L., 2014, Numerical study of various vertical laminar ventilation systems for operating room in hospitals in the view of infection control, *International Journal Computer Application in Technology (InderScience Publication)*, (Under communication).

(2) **Thool S. B.** and Sinha, S. L., 2014, Numerical investigation of performance of mixing ventilation, Research Support Society (SERSE), International Journal of Bio-Science and Bio-Technology, Vol. 6, pp. 87-98. (ISSN No.: 2233-7649)



(3) **Thool S. B.** and Sinha, S. L., 2014, Modeling and Investigation of vertical laminar airflow with perimeter air curtain ventilation system in surgical site of hospital using computational fluid dynamics, *International Journal of Scientific and Engineering Research*, Vol. 5, pp. 781–788. (ISSN No.: 2229-5518).

(4) **Thool S. B.** and Sinha, S. L., 2014, Simulation of room airflow using CFD and validation with experimental results, *International Journal of Engineering Science and Technology*, Vol. 6, No. 5, pp. 192–202. (ISSN No.: 2278-9510) (Impact factor: 3.14)

(5) **Thool S. B.** and Sinha, S. L., 2014, Investigation of performance of mixing ventilation systems for operating room in the view of infection control, *International Journal of Advancement in Research and Technology*, Vol. 3, No. 4, pp. 254–261. (ISSN No.: 2278-7764) (Impact factor: 0.4)

(6) **Thool S. B.** and Sinha, S. L., 2014, Computational fluid dynamics modeling and investigation of horizontal airflow ventilation system in surgical site of hospital, *IOSR Journal of Mechanical and Civil Engineering*, Vol. 11, No. 2, pp. 40–46. (DOI: 10.1142/S2047684112500340), (ANED DDL No.: 13.1864/iosr-Jmce-G011284046). (ISSN No.: 2278-1684) (Impact factor: 3.14)

(7) **Thool S. B.** and Sinha, S. L., 2014, Numerical simulation and comparison of two conventional ventilation systems of operating room in the view of contamination control, *International Journal of Computer Application*, Vol. 85, No. 5, pp. 31–35. (ISSN No.: 0975-8887) (Impact factor: 1.76)

(8) **Thool S. B.** and Sinha, S. L., 2014, A review of ventilation systems in the view of contamination control in operating room, *International Journal of Innovative Science, Engineering and Technology*, Vol. 1, No. 4, pp. 11–14. (Impact factor: 0.611)

(9) Matey M. S., Modak J, P. and **Thool S. B.**, 2012,

Formulation of an approximate experimental data based model for heat transfer augmentation employing electrohydrodynamic (EHD) technique, *International Journal of Mechanics and Thermodynamics*, Vol. 3, No. 2, PP. 45-56. (ISSN No.: 2278-361X) (Impact factor: 3.14).

Papers Published in conferences

: **International** :-- 04

(1) Sinha S. L. and **Thool, S. B.**, 2014, Performance evaluation of laminar ventilation systems for operating room, *International Conference on Information Technology and Engineering, Hong Kong*, October 2-4, 2014.

(2) **Thool S. B.**, Under Floor Air Distribution System – An Alternative Conventional Air Distribution System, *SHAASTRARTH, RECT, Bhilai*, February 8-9, 2013.

(3) **Thool S. B.**, Undirwade S. K. and Gadge P. A., Electrical Energy for Comfort in Residential House Using Passive Solar System, *International Conference on Innovative Science and Engineering Technology, Rajkot*, April 8-9, 2011.

Professional Memberships

: 1. Life member of I. S. H. R. A.E (Indian Society for Heating Refrigeration and Air conditioning Engineers)