



Name of Faculty: ADITYA NARAYAN BHATT

Designation: ASSISTANT PROFESSOR

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Contact No: +91-9826980254 & 7000154427

Educational Qualification : (Ph.D. /PG/ UG/DIPLOMA)- PhD(UIT RGPV-Thesis Submitted), ME- Heat Power & Thermal Engineering, BE-Mechanical Engineering, DIPLOMA- Mechanical Engineering

Total Experience: 14 Year

Academic : 9 yrs | Research : 5 yrs

Scopus id: 57223269318

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Areas of Interest: I.C. Engine, Energy & Thermal, Engineering Drawing

Brief Profile:

Mr. Aditya Narayan Bhatt has submitted a PhD thesis in Energy Technology (I.C. Engine & Bio Diesel) from UIT RGPV, Bhopal, India. He holds a MTech degree in Mechanical Engineering with specialization Thermal engineering. He completed BTech & Diploma in Mechanical Engineering .He has about 14 years of experience in teaching

and research in different areas of Mechanical Engineering and currently working as Assistant Professor in the School of Engineering & Technology. He has published several research papers in SCI Journals/ International Journals and 1 patent to his credit. His research interest includes I.C. Engine & Bio Diesel, Energy, Thermal Engineering.

Research publications in SCI Journals:

- Bhatt AN, Shrivastava N. Experimental Investigation and neural network modelling of diesel engine using hexanol blended ternary waste cooking oil biodiesel with moderate preheating. Elsevier-Sustainable Energy Technology & Assessments 2022;52:102285. <https://doi.org/10.1016/j.seta.2022.102285>. **(SCI Impact factor 7.632)**
- Bhatt AN, Shrivastava N. Application of Artificial Neural Network for Internal Combustion Engines: A State of the Art Review. Springer-Archives of Computational Methods in Engineering 2022;29:897–919. <https://doi.org/10.1007/s11831-021-09596-5>

(SCI Impact factor 8.967)

Research publications in International Journal:

- A.N. Bhatt, Ravi Kumar, “Potential of Biomass Gasification for Power Generation: an assessment of Madhya Pradesh, India” International Journal of Applied Sciences and Engineering Research, Vol. 1, No. 2, 2012, pp 340—348

Total Citation Index: 11

Papers presented in National Conferences:

- A.N. Bhatt, Nitin Shrivastava “Augmentation of Heat Transfer in a Solar Air Heater having Ribs: A Review ” National Conference on Recent Advancement in Thermal Engineering 2018 Organised at UIT RGPV, Bhopal
- A.K. Amar, A.N. Bhatt, Shankar Kumar “A Review Paper of Performance Prediction of Air Conditioning System by Using Hydro solar Roof ” National Conference on Innovations in Mechanical Engineering 2013 Organised at LNCT, Bhopal

Patents: Device for Testing Physical and Chemical Properties of Soil and Plants.

[Application No. 357982-001]

International/National Conference & Workshops Attended:

- Participated in National Conference on “Recent Advances in Thermal Engineering (RATE 2009)” organized by LNCT , Bhopal, India
- Participated in National Conference on “ New Horizons in Renewable Energy Technologies” organized by LNCT , Bhopal, India
- Participated in International Conferences on “Recent Advances in Sciences and Engineering” held at SAGE University Bhopal, India on 23rd April 2022.
- Participated in National E-Conference on “Recent Advances in Sciences and Technology” at SAGE University Bhopal, India on 19th June 2021.
- Participated in two day International E- workshop on “Thermal Performance and Modelling of Heat and Flame Resistant Materials” at Madhav Institute of Technology & Science, Gwalior & DTU Delhi, India on 29th to 30th Jan 2021

FDP Attended:

- One week faculty development program on “ Energy Engineering(AICTE ATAL)”, organized by G.L.Bajaj Institute of Technology and Management, Noida from 4th to 8th Jan 2021.
- One week AICTE -ISTE sponsored induction programme on “The Impact of Faculty Development on Teaching Skills and Research Scholars for Technical Perspectives”, organized by School of Engineering, Sri Satya Sai University of Technology and Medical Sciences, Sehore (M.P.) from 20th to 26th Apr 2021.
- One week faculty development program on “ Energy Engineering(AICTE ATAL)”, organized by School of Energy & Environment Management UIT RGPV,Bhopal from 8th to 12th Feb 2021.
- One week faculty development program on “Renewable Energy Sources and Future Energy Needs”, organized by Madhav Institute of Technology & Science, Gwalior & DTU Delhi, India from 15th to 19th Feb 2021.

- One week faculty development program on “Challenge and Opportunities with Industry 4.0 for Mechanical Engineering”, organized by Oriental Institute of science & Technology, Bhopal, India from 24^h to 28th Aug 2021.

Awards/Recognitions:

University Silver Medal (RGPV) in MTech (Mechanical Engineering) Course

Workshops/Seminars/Conference Organized:

1. Organized the International Conferences on “Recent Advances in Sciences and Engineering” as Coordinator, held at SAGE University Bhopal, India on 23rd April 2022.
2. Organized the One day National E-Conference on “Recent Advances in Sciences and Technology ” at SAGE University Bhopal, India on 19th June 2021.

Expert Lectures Delivered:

1. Delivered a Expert lecture on “New Age of Engineering and Technology Courses: Redefining the Future of Technical Education” for School students in , SAGE University, Bhopal on 27 November 2020
2. Delivered a Expert lecture on “New Role of I.C. Engine with Present and Future challenge” at RNTU University, Bhopal on October 2018.

Membership of Professional Bodies:

SAE- Society of Automobile Engineering

Other Achievements:

- University Event management coordinator from Oct 21 to Aug 22 of SAGE University Bhopal.
- University Transportation management coordinator from Sep 22 to till Date of SAGE University Bhopal.
- Member of discipline Committee of SAGE University Bhopal.

- Member of Examination Committee of SAGE University Bhopal.
- School of Engineering & Technology Coordinator (HOD) from Sep 20 to Oct 21 of SAGE University Bhopal.
- Member of Admission Counselling Team of SAGE University Bhopal.