RESUME

Dr. Pushpendra Singh

Post Doctoral Fellow at IITG
Ph.D. in Mechanical Engineering
Mazgaon, North Guwahati, Assam
+91-8878232280 pushpendra852@gmail.com



Publications in International Journal : 30 | **Book Chapters Published :** 10 | **International Conference :** 06

Academic Identity

Scopus ID	Orcid ID	Researcher ID	Google Scholar ID
57203790001	0000-0002-5486-2648	ABH-1472-2020	MnpJakoAAAAJ

Scopus h – index : 12 | **Citations :** 630 | **No. of Scopus Paper :** 33
Google Scholar h – index : 12 | **Citations :** 883 | **i -10 index :** 15
Research Gate h– index : 13 | **Citations :** 815 | **Research Interest Score :** 746.8

ACADEMIC QUALIFICATIONS

2018-2023

PhD. | Mechanical Engineering | NDF Scheme of AICTE
Madhav Institute of Technology & Science, Gwalior
Topic: Performance Evaluation of Hybrid Greenhouse Solar Dryer for Drying High Moisture Content Crops
Date of Defence: 11 Aug. 2023

2015-2017

M.E. | Thermal Engineering | 86.90%
Lakshmi Narain College of Technology, Bhopal (R.GP.V. University)

2010-2014

B.E. | Mechanical Engineering | 84.10%
Aditya College of Technology & Science, Satna (R.G.P.V. University)

2010

XII | PCM | 75.40%
St. Michael's Senior Secondary School, Satna (C.B.S.E. Board)

2008

X | Maths Science Stream | 74.67%
St. Michael's Senior Secondary School, Satna (C.B.S.E. Board)

OTHER ACHIEVEMENT

- GATE qualified (2015, 2016 and 2017).
- Ranked 95 in State in "International Informatics Olympiad (IIO – 2008)".

MEMBERSHIP

- Life Member of International Association of Engineers
- Professional Member of International Solar Energy Society
- Regular member of American Chemical Society (ACS)

AREA OF INTEREST

- Solar Thermal
- Heat Transfer
- Thermodynamics

DESIGN/ANALYSIS SOFTWARE KNOWLEDGE

- MS Excel & Powerpoint
- Spaceclaim & ANSYS
- MATLAB
- Canva

SUBJECTS TAUGHT

- Basic Mechanical Engineering
- Internal Combustion Engine
- Heat & Mass Transfer

WORK EXPERIENCE

Feb 12, 2024 – Feb 11, 2026

Institute Post Doctoral Fellow | School of Energy Science and Engineering
Indian Institute of Technology, Guwahati

Oct 15, 2022 – Jan 31, 2024

Assistant Professor | Department of Mechanical Engineering
Bansal Institute of Research & Technology, Bhopal

Jan 15 – Sept 01, 2018

Assistant Professor | Department of Mechanical Engineering
Radharaman Engineering College, Ratibad, Bhopal

OTHER ACADEMIC EXPERIENCE

July 10 – Oct. 17, 2024

Teaching Assistant | NPTEL Online Certification Course on Solar Energy Engineering and Technology
Indian Institute of Technology, Guwahati

July 09 – Oct. 21, 2025

Teaching Assistant | NPTEL Online Certification Course on Solar Energy Engineering and Technology
Indian Institute of Technology, Guwahati

CERTIFIED COURSES

- NPTEL Elite certification on "Thermal Engineering Basic and Applied" (12 Week Course)
- One week MoE initiative GIAN course on "Advances in Solar Collector Technology" organized at IIT Guwahati from March 3 - 7, 2025
- One week MoE initiative GIAN course on "Solar Energy Technology" organized at MITS Gwalior from Feb. 25 - March 01, 2019
- Four weeks Course on Neural Networks and Deep Learning
- Nine weeks Course on Introduction to Programming with MATLAB
- Four weeks Course on The Sustainable Development Goals- A global transdisciplinary vision for the future
- Four weeks Course on Solar Energy Basics
- Four weeks Course on Introduction to Sustainability
- Four weeks Course on Understanding Research Methods
- Four weeks Course on Introduction to Data Analysis Using Excel
- Online course on Create an Infographic in Canva
- Online course on Create and Design Digital Products using Canva

KEY ACHIEVEMENTS

- Developed engaging lectures, adapted to diverse learning styles, and received positive student feedback.
- Conducted original research, published in reputable journals, and collaborated on research projects.

- ♦ Provided academic and career guidance to students and supervised graduate research projects.
- ♦ Active participation in departmental committees and academic event organization.
- ♦ Attended conferences, enhanced teaching skills, and engaged in scholarly networking.
- ♦ Worked with colleagues from diverse backgrounds, fostering multidisciplinary perspectives.
- ♦ Effectively communicated complex ideas, presented research findings, and published in accessible formats.
- ♦ Designed fair assessments, graded objectively, and provided constructive feedback.
- ♦ Upheld high ethical standards in research, teaching, and academic integrity.
- ♦ Successfully adapted to changes in course delivery, addressed challenges, and demonstrated flexibility.

PATENT

1. Thakur V.K., Gaur M.K., **Singh P.**, Shrivastava V., Shrivastava A., Khare AK, A solar still to desalinate impure water, Application No. 202421064540 (Published)

PUBLICATIONS IN REFERRED JOURNALS

SCI/SCIE – 20 | Scopus/ESCI - 07

1. Kamble A.D., Das D., **Singh P.**, Kalita P. (2026) Heat Transfer and Cooling Uniformity Enhancement in PV/T Collectors using a Thermal Absorber with Modified Hilbert-Serpentine Flow Configuration, Renewable Energy, 263, 125496. https://doi.org/10.1016/j.renene.2026.125496 **(SCIE, Q1)**
2. Das B., Bordoloi U., **Singh P.**, Kalita P. (2026) Integration of bio-composite phase change materials in autoclaved aerated concrete bricks for enhanced thermal energy storage performance, Journal of Energy Storage, 148, 120324. https://doi.org/10.1016/j.est.2025.120324 **(SCIE, Q1)**
3. Das B., **Singh P.**, Kalita N., Kalita P. (2025) Sustainable hybrid solar drying technologies with auxiliary heating systems: A comprehensive review of design, performance, and deployment approaches, Renewable and Sustainable Energy Reviews, 229, 116649. https://doi.org/10.1016/j.rser.2025.116649 **(SCIE, Q1)**
4. Shrivastava V., **Singh P.**, Thakur V.K., Abdelkader T.K., Yadav A.S. (2025) Advancements in computational tools for indirect solar drying systems: a comprehensive review, Sustainable Energy Technologies and Assessments, 82, 104544. https://doi.org/10.1016/j.seta.2025.104544 **(SCIE, Q1)**
5. Das B., **Singh P.**, Kalita P. (2025) Sustainable drying of Baccaurea ramiflora using a mixed-mode solar dryer with thermal energy Storage: A comprehensive 4E analysis, Renewable Energy, 252, 123517. https://doi.org/10.1016/j.renene.2025.123517 **(SCIE, Q1)**
6. Arpit Nema A., Thakur V.K., **Singh P.**, Gaur M.K., Shrivastava V., Ray R. (2025) Performance assessment of passive solar still with different thermal energy storage materials, Desalination and Water Treatment, 323, 101288. https://doi.org/10.1016/j.dwt.2025.101288 **(SCIE, Q3)**
7. Shrivastava V., **Singh P.**, Thakur V.K., Verma C.S., Yadav A.S. (2025) Thermal and enviro-economic analysis of solar stills: Influence of fin geometry, size, and water depth, Sustainable Energy Technologies and Assessments, 77, 104335. https://doi.org/10.1016/j.seta.2025.104335 **(SCIE,Q1)**
8. Kalita P., **Singh P.**, Kakoty M., Das M., Das B., Saikia R. (2025) Turmeric (Curcuma longa L.) drying in a phase change material based solar drying unit with variable tilt angle solar air heater, Environment Progress & Sustainable Energy, e14588. https://doi.org/10.1002/ep.14588 **(SCIE, Q2)**

9. Das B., **Singh P.**, Kalita P. (2025) Performance Evaluation of a Mixed-Mode solar dryer with PCM-based energy storage for efficient drying of Baccaurea ramiflora, Solar Energy, 288, 113279. https://doi.org/10.1016/j.solener.2025.113279 **(SCIE, Q1)**
10. **Singh P.,** Gaur M.K., Tiwari G.N., Kumar A. (2022) Thermal Modeling of Water-in-Tube Type Evacuated Tube Solar Collectors to Predict Outlet Water Temperature: An Experimental Validation, Journal of Solar Energy Engineering (Transaction of ASME), 145(2), 021004. https://doi.org/10.1115/1.4055075 **(SCIE, Q2)**
11. Koli C.S., Gaur M.K., **Singh P.** (2022) Energy and Exergy Assessment of a Novel Parabolic Hybrid Active Greenhouse Solar Dryer, Solar Energy, 245, 211-223. https://doi.org/10.1016/j.solener.2022.09.021 **(SCIE, Q1)**
12. **Singh P.,** Gaur M.K. (2022) Novel Hybrid Active Greenhouse Solar Dryer with Evacuated Tube Solar Collector: Energy and Exergy Analysis, International Journal of Exergy, 40 (3), 282-302. https://doi.org/10.1504/IJEX.2023.129798 **(SCIE, Q3)**
13. **Singh P.,** Gaur M.K. (2022) Effect of Drying Area on Heat Transfer Coefficient and Drying Kinetics of High Moisture Crop Dried in Hybrid Active Greenhouse Solar Dryer, Heat Transfer Research, 53(11), 79–97. https://doi.org/10.1615/HeatTransRes.2022040797 **(SCIE, Q3)**
14. Shrivastava A., Gaur M.K., **Singh P.** (2022) Mango leather (Aam Papad) drying in hybrid greenhouse solar dryer with evacuated tube collector and finned drying tray: drying behavior and economic analysis, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 1-18. https://doi.org/10.1080/15567036.2022.2029974 **(SCI, Q2)**
15. **Singh P.,** Gaur M.K, (2021) Environmental and economic analysis of novel hybrid active greenhouse solar dryer with evacuated tube solar collector, Sustainable Energy Technologies and Assessments, 47 (2021), 101428. https://doi.org/10.1016/j.seta.2021.101428 **(SCIE, Q1)**
16. **Singh P.,** Gaur M.K, (2021) Heat Transfer analysis of Hybrid active Greenhouse Solar dryer attached with evacuated tube solar collector, Solar Energy, 224, August 2021, 1178-1192. https://doi.org/10.1016/j.solener.2021.06.050 **(SCIE, Q1)**
17. **Singh P.,** Gaur M.K, (2021) Sustainability Assessment of Hybrid Active Greenhouse Solar Dryer integrated with Evacuated Solar Collector, Current Research in Food Science, 4, 684-691. https://doi.org/10.1016/j.crfs.2021.09.011 **(SCIE, Q1)**
18. **Singh P**., Gaur M.K. (2020) Review on development, recent advancement and applications of various types of solar dryers, Energy Sources, Part A: Recovery, Utilization, and Environmental Effects, 46(1), 14471-14491. https://doi.org/10.1080/15567036.2020.1806951 **(SCI, Q2)**
19. Gaur M.K., Tiwari G.N., **Singh P.,** Kushwah A., (2019) Development of Empirical Relations to Compute the Heat Transfer Coefficients for Distiller Operating in Different Operating Modes, Desalination and Water Treatment, 158, 1-10. https://doi.org/10.5004/dwt.2019.24235 **(SCIE, Q3)**
20. **Singh P.**, Shrivastava V., Kumar A. (2017) Recent Developments in Greenhouse Solar Drying: A Review, Renewable and Sustainable Energy Reviews, 82, 3250-3262. http://dx.doi.org/10.1016/j.rser.2017.10.020 **(SCIE, Q1)**
21. Shrivastava V, Yadav A.S., Sharma A.K., **Singh P.**, Alam T, Sharma A. (2022) Performance Comparison of Solar Air Heater with Extended Surfaces and Iron Filling, International Journal of Vehicle Structures & Systems, 14(5), 607-610. doi: 10.4273/ijvss.14.5.10 **(Scopus,Q4)**
22. **Singh P.,** Gaur M.K. (2022) A Review on Thermal Analysis of Hybrid Greenhouse Solar Dryer (HGSD), Journal of Thermal Engineering, 8(1), 103-119. https://doi.org/10.18186/thermal.1067047 **(Scopus, ESCI, Q3)**

23. Kushwah A, Gaur M.K., Kumar A., **Singh P.,** (2022) Application of ANN and prediction of drying behavior of Mushroom drying in side hybrid greenhouse solar dryer: An experimental validation, Journal of Thermal Engineering, 8(2), 221-234. https://doi.org/10.14744/jten.2021.0006 **(Scopus, ESCI, Q3)**
24. **Singh P.,** Pandey B.K., Gaur M.K, (2021) Performance evaluation of evacuated solar collector assisted hybrid greenhouse solar dryer under active and passive mode, Materials Today: Proceedings, 57, Part 5, 2002-2008. http://doi.org/10.1016/j.matpr.2021.10.461 **(Scopus)**
25. Gaur M.K., Tiwari G.N., **Singh P.,** Kushwah A, (2021) Heat Transfer Analysis of Hybrid Active Solar Still with Water Flowing over Glass Cover, Journal of Thermal Engineering, 7(6), 1329-1343. https://doi.org/10.18186/thermal.989993 **(Scopus, ESCI, Q3)**
26. **Singh P.**, Gaur M.K., Kushwah A., Tiwari G.N. (2019) Progress in Hybrid Greenhouse Solar Dryer (HGSD): A Review, Advances in Energy Research, 6 (2), 145-160. https://doi.org/10.12989/eri.2019.6.2.145 **(ESCI)**
27. Pandit R.K., Gaur M.K., Kushwah A., **Singh P.** (2019) Comparing the thermal performance of ancient buildings and modern-style housing constructed from local and modern construction materials, Nanotechnology Perceptions, 15, 174–182. https://doi.org/10.4024/N12PA19L.ntp.15.02 **(Scopus)**
28. Srivastava S., **Singh P.**, Barbora L., Baruah D., Saikia R., Mohanty K., Kalita P. (2024) Performance assessment of innovative waste management system developed for the production of bio-fertilizer, Sustainable Chemistry for the Environment, 7, 100148. https://doi.org/10.1016/j.scenv.2024.100148 **(Q2)**
29. Shalwar PK, Gupta B, Singh P. (2023) Solar Photovoltaic System: A Techno-economic Review, NanoWorld Journal, 9(S1), S408-S413. https://doi.org/10.17756/nwj.2023-s1-079 **(Scopus, Q4)**

PUBLICATION IN NON-REFERRED JOURNALS 06

1. Assegie M.A. , Kalita P., Sahoo N., **Singh P.** (2025) Experimental Investigation of Isochoric and Isobaric Compressed Air Energy Storage Systems for Power Generation. Multidisciplinary Research Journal, 1(1), 69-81.
2. Pandey A.K., Jain A.A., Gaur M. K., **Singh P.** (2021) Performance Assessment of Greenhouse Solar Dryer with and without Evacuated Tube Solar Collector under no-load, Journal of Thermal Energy System, 6(2), 1-8. https://doi.10.46610/JoTES.2021.v06i02.001
3. Surana B., Kumar A., Gaur M. K., **Singh P.** (2022) Heat Transfer Analysis of Solar Concentrator Developed for Cooking Purpose, Journal of Thermal Energy System, 7(2), 25-33.
4. Parihar A.S., Yadav C.M., Gaur M. K., **Singh P.** (2021) Thermal Performance of Greenhouse Solar Dryer with Single and Double Evacuated Tube Solar Collector under no-load, Journal of Modern Thermodynamics in Mechanical System, 3(1), 10-16. https://doi.10.46610/JMTMS.2021.v03i01.002
5. **Singh P.,** Gaur M.K. (2020). Environmental and Economic analysis of hybrid greenhouse solar dryer: A Review, International Journal of Energy Technology, 2(1), 55-69. https://doi.org/10.32438/IJET.203006
6. **Singh P.**, Shrivastava V., Kumar A. (2017) Thermal Performance Assessment of Greenhouse Solar Dryer Under Passive Mode, International Journal of Advanced Technology in Engineering and Science (IJATES), 5(5), 530 – 538.

INTERNATIONAL/NATIONAL CONFERENCE 07

1. Kumar A., **Singh P.,** Kalita P., Enhancing thermal comfort in Automobile cabin using phase change material HS-29: An experimental investigation, SAENIS TTTMS International Conference 2025, IIT Guwahati, November 6-8, 2025.
2. **Singh P.,** Gaur M.K., Tiwar G.N., Performance Evaluation of Hybrid Active Greenhouse Solar dryer Attached with Evacuated Tube Solar Collector, International Symposium on Solar Energy and Efficient Energy Usage (SOLARIS 2021), Shibaura Institute of Technology, Japan, September 27-30, 2021.
3. **Singh P.,** Gaur M.K, A Study on Enviro-economic Analysis of Hybrid Greenhouse Solar Dryer, Presented in National Conference on Sustainable Environment and Climate (Solaris-2020), SRM University Lucknow, February 07-09, 2020.
4. **Singh P.,** Gaur M.K, A Study on Analysis of Solar Dryers using Computational Fluid Dynamics (CFD), Presented in TEQIP-III Sponsored International Conference on Renewable Energy Innovation Research & Applications (ICREIRA- 2019), UTD RGPV, December 27-28, 2019.
5. **Singh P.,** Gaur M.K, Recent Development and Advances on Green Commercial Buildings: A Review" Presented in TEQIP-III Sponsored International Conference on Advanced Technologies in Renewable Energy for Future Sustainability (ATREFS-2019), UTD RGPV, January 30-31, 2019.
6. **Singh P.,** Gaur M.K, A Review on Environment Friendly Impact and Economic Evaluation of Greenhouse Solar Dryer, Presented in an International Conference on Renewable Energy Sustainable Climate (Solaris-2019), New Delhi, February 07- 09, 2019.
7. **Singh P.,** Gaur M.K, Modern Trends in Solar Drying: A Short Review, Presented in TEQIP-III sponsored National Conference on Modern Tools in Engineering (MTE-2019), SATI, Vidisha, April 05, 2019.

BOOK 01

1. Pankaj Kalita, **Pushpendra Singh** (2026). Solar Energy Conversion Technologies: Fundamentals, Design, and Applications, CRC Press, Taylor & Francis (In Production)

BOOK CHAPTERS 10

1. Das, M.J., Kalita, P., **Singh, P.** (2025). Experimental Investigation of Drying Cabinet of a Solar Dryer. In: Kalita, P., Patil, P.W., Sharma, S., Barman, R. (eds) Current Progress in Interdisciplinary Research. RIC 2024. Springer, Singapore. https://doi.org/10.1007/978-981-95-1853-1_8
2. Thakur, V.K., **Singh, P.**, Gaur, M.K., Rajput, S. (2025). Experimental Analysis of Sustainability of Passive Solar Still with Hybrid Nanoparticles. In: Tiwari, G.N., Dimri, N., Gupta, N. (eds) Energy, Ecology and Environment, Volume 2. SOLARIS 2024. Springer Proceedings in Energy. Springer, Singapore. https://doi.org/10.1007/978-981-96-7826-6_6
3. **Singh P.**, Baruah D., Gohain S.K., Kalita P. (2024) Fuel Properties and Suitability for Internal Combustion Engines: Exploring Conventional, Alternative, and Bio-Blended Fuels. In: Valera, H., Agarwal, A.K. (eds) Ammonia and Low Carbon Combustion Engine Technologies for De-Fossilizing Transport Sector. Energy, Environment, and Sustainability. Springer, Singapore. https://doi.org/10.1007/978-981-96-6628-7_4
4. **Singh, P.**, Gaur, M.K. (2023). Application of ANN to Predict Outlet Water Temperature of Evacuated Water in Tube Type Solar Collector. In Proceedings of International Conference on Communication and

Computational Technologies. Algorithms for Intelligent Systems. Springer, Singapore, 145-155. ISBN: 978-981-19-3950-1. https://doi.org/10.1007/978-981-19-3951-8_12

5. **Singh P.,** Gaur M.K. (2022) Introduction (Chapter 1), Solar Thermal Systems: Thermal Analysis and its Application, Bentham Science Publishers, 221-238. https://doi.org/10.2174/9789815050950122010004
6. Dhamneya A.K., Gaur M.K., Thakur V.K., **Singh P**. (2022) Application and Development in Solar Cooking (Chapter 8), Solar Thermal Systems: Thermal Analysis and its Application, Bentham Science Publishers, 221-238. https://doi.org/10.2174/9789815050950122010011
7. Shrivastava A., Gaur M.K., **Singh P**. (2022) Thermal Modeling of Greenhouse Solar Dryers (Chapter 11), Solar Thermal Systems: Thermal Analysis and its Application, Bentham Science Publishers, 221-238. https://doi.org/10.2174/9789815050950122010014
8. **Singh P.,** Gaur M.K, (2021) Enviro-Economic Analysis of Ginger Drying in Hybrid Active Greenhouse Solar Dryer, Springer Nature Singapore, Artificial Intelligence and Sustainable Computing, Algorithms for Intelligent Systems, 117-128, https://doi.org/10.1007/978-981-16-1220-6_11
9. **Singh P,** Gaur M.K., (2020) A Review on Role of Solar Drying Technology in Sustainable Development, Proceedings in Adaptation, Learning and Optimization, ICSISCET 2019, Springer PALO 13, 18–27, https://doi.org/10.1007/978-3-030-44758-8_3.
10. **Singh P.,** Gaur M.K (2019) Modern Trends in Solar Drying: A Short Review, Proceeding of Modern Tools in Engineering (MTE-2019), SATI, Vidisha, ISBN No. 978-93-82346-25-8.

EXPERT/KEYNOTE TALKS DELIVERED 01

1. Delivered a talk on "Fundamentals of Solar Drying" in an Internship cum Summer School Programme organized by School of Energy Science and Engineering, Indian Institute of Technology Guwahati during June 11 – July 10, 2024.

WORKSHOP/STC/WEBINAR/FDP ATTENDED 14

1. Two day workshop on "Progresses in Gasification Technology" organized by School of Energy Science and Engineering, Indian Institute of Technology Guwahati from December 19-20, 2024.
2. Three day online FDP on "Recent advances and challenges in Automotive sector" organized by Dream Institute of Technology, Kolkata, during May 25-27, 2023.
3. Five day online FDP on "Innovative Pedagogy: Statistical Analysis with Excel" organized by Theerthanker Mahaveer University, Moradabad, during May 15-19, 2023.
4. Five day FDP on "Research Methodology & how to write a good Scientific Research paper" organized by Bansal Institute of Science & Technology, Bhopal, during Jan. 10-14, 2023.
5. One day expert talk on the occasion of "National Energy Conservation Day" organized by Centre for Energy and Environment, in association with Institute Innovation Council, Delhi Technological University, Delhi, on December 14, 2021.
6. Two days online TEQIP-III Sponsored International workshop on "Thermal Performance and Modeling of Heat and Flame Resistant Materials", MITS Gwalior, Jan. 29-30, 2021.
7. Online FDP on "Renewable Energy Sources: A Way Ahead" organized by Cummins College of Engineering, Nagpur, May 15-21, 2020.

8. Webinar on "Advanced Techniques for Energy Efficient Devices and MATLAB Coding" organized by SGSITS, Indore, June 07, 2020.
9. Webinar on "Quality Research and Entrepreneurial Activities (QREA-2020)" organized by Annamacharya Institute of Technology and Science, Rajampet, May 26 -28, 2020.
10. Webinar on "Thermodynamics using Flownex Simulation Software" organized by Indiasoft Technologies (P) Ltd., Pune, July 24, 2020.
11. Webinar on "Energy for Sustainable Environment Transforming the Future" organized by Pandit Deendayal Petroleum University, June 06, 2020.
12. One day workshop on "Building Envelope Design for Energy Optimization" under TEQIP-III, MITS Gwalior, September 07, 2019.
13. Two days national workshop on "Soft Computing Techniques & its Applications" under TEQIP-III, MITS Gwalior, January 18-19, 2019.
14. Two days national workshop on "Advanced Manufacturing Systems" under TEQIP-III, MITS Gwalior, October 27-28, 2018.

CO-CURRICULAR ACTIVITIES 10

1. Worked as Event Manager in an 8th SAENIS TTTMS International Conference organized by SAE India and hosted by Indian Institute of Technology Guwahati during Nov. 06 - 08, 2025.
2. Worked as Student Coordinator in an India International Science Festival (IISF) hosted by Indian Institute of Technology Guwahati during Nov. 30 - Dec. 03, 2024.
3. Coordinated Technical Session in AICTE & TEQIP-III Sponsored International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET- 2021), MITS Gwalior, November 13-14, 2021.
4. Program Committee Member and Reviewer in AICTE & TEQIP-III Sponsored International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2021), MITS Gwalior, November 13-14, 2021.
5. Member of organizing committee in a Five days online TEQIP-III Sponsored FDP on "Renewable Energy Sources and Future Energy Needs" MITS Gwalior, Feb. 15-19, 2021.
6. Member of Session Conduction Team in AICTE & TEQIP-III Sponsored International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2020), MITS Gwalior, December 18-19, 2020.
7. Member of Session Conduction Team in AICTE & TEQIP-III Sponsored International Conference on Sustainable and Innovative Solutions for Current Challenges in Engineering & Technology (ICSISCET-2019), MITS Gwalior, November 02-03, 2019.
8. Organizing Committee Member in Second International Symposium on "Sustainable Development Research in the Asia-Pacific" organized by MITS Gwalior and RMIT University, December 19-21, 2019.
9. Member of Organizing Team in one day workshop on "Building Envelope Design for Energy Optimization" under TEQIP-III, MITS Gwalior, September 07, 2019.
10. Member of organizing committee in AICTE QIP sponsored STC on "Thermodynamics and its applications to solar energy system design" held at MITS Gwalior, March 09-18, 2019.

PERSONAL DETAILS

- **Father's Name** : Raj Bahadur Singh
- **Permanent Address** : Ward no.12, Vill. /Post- Badkhar, via Birla vikas, Satna (M.P.) - 485005
- **Date of Birth** : 18th May 1992
- **Marital Status** : Single
- **Nationality** : Indian
- **Religion** : Hindu
- **Languages Known** : English & Hindi

Place: Guwahati
Date: 12/04/2026

Dr. Pushpendra Singh