



# Mr Jainender Sharma

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Phone: , 8219596685

Address: Sarka Ghat ,Himachal Pradesh,India - 175049

## Expertise

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### Civil Engineering

Structure Engineering

## Work experience

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1. Sri Sai University 2013 — Present

Assistant Professor  
Kangra

## Education

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1. M.Tech - 2015

Indo Global College of Engg. Abhipur

## Publication

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1. Assessing Concrete Performance with Mill Scale and Incinerated Biomedical Fly Ash as Partial Replacements for Cement and Fine Aggregate

Abhay Kirmani \*1, Punita Thakur\*2, Jainender Sharma\*3

International Research Journal of Modernization in Engineering Technology and Science, Volume Volume: 09/Issue:07/April-2024, Year 2024, Pages 1-8

2. Evolution of concrete characteristics through the incorporation of nano titanium dioxide and substitution of cement with enhanced biomedical waste fly ash

Abhishek Bariya, Jainender Sharma, Punita Thakur

International Research Journal of Modernization in Engineering Technology and Science, Volume Volume: 05 Issue: 9, Year 2023, Pages 1-9

3. Comparative study of static and dynamic design analysis of RCC school building

Anita Devi,Punita Thakur, Jainender Sharma

IJSDE, Volume 3, Year 2023, Pages 01-12

4. EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF CONCRETE USING CHIPPED RUBBER AGGREGATE AND SILICA FUME

Rajat Sharma ,Jainender Sharma, Punita Thakur

IJSART,, Volume Volume 9 Issue 7 - JULY 2023, Year 2023, Pages 385-390

5. Rehabilitation of Damaged Beam-Column Joint of High Strength Concrete by Using FRP

Pulive Sharma , Punita Thakur , Jainender Sharma

IJSART, Volume Volume 9 Issue 7 - JULY 2023, Year 2023, Pages

6. Experimental investigation of geopolymers concrete with full replacement of cement with fly ash , metakaolin and GGBS

Sahil Dogra, Er. Punita Thakur, Er. Jainender Sharma

IJCEC, Volume 2, Year 2023, Pages 01-04

7. Experimental Study on Partial replacement of Cement with Paper sludge Ash, Glass Fiber and Coarse Aggregate with Recycled Tyre Waste

Ankush, Jainender Sharma

IJAEM, Volume 4, Year 2022, Pages 1386-1395

8. Experimental Investigation on Self Curing Concrete with Partial Replacement of Binding Material with Silica Fume and Metakaolin and Sand with GGBS

Kritika Jamwal, Punita Thakur, Jainender Sharma

IRJET, Volume 08, Year 2021, Pages Pages 706-711

9. Alteration In The Properties of M35 Grade Concrete with addition of GGBS and Jute Fiber

Sucharu Sharma, Jainender Sharma

IJERT, Volume Volume 10, Year 2021, Pages Pages 405-408

10. An Experimental Investigation for Enhancing Concrete Properties using Coconut Coir and Polypropylene Fiber, Partial Replacement of Fly Ash with Cement

Abhishek Dhiman, Jainender Sharma, Abhilesh Kant Sharma  
IRJET, Volume 08, Year 2021, Pages Pages 1919-1923

11. **An Experimental Study on Utilization Of Waste Materials and Eco- Friendly Construction to Make Green Concrete Of Grade M25**

Urvashi, Er Punita Thakur, Er Jainender Sharma  
IRJET, Volume 08, Year 2021, Pages

12. **A Comparative and Experimental Study on Self Compacting Concrete using Fly ash with Hybrid Fiber (Steel and Glass Fiber)**

Shabnam Chodhary, Jainender Sharma  
IJRASET, Volume 07, Year 2019, Pages

13. **Experimental Study on Strength of Concrete with Addition of Chopped Glass Fiber**

Er Archana Sharma, Dr Pardeep Kumar, Er Jainender Sharma  
IRJET, Volume 04, Year 2017, Pages 2395-0072

14. **Study on Seismic Behavior of RC Framed Vertically Asymmetrical Building**

Shalini Verma, Er Jainender Sharma  
IRJET, Volume 04, Year 2017, Pages 2395-0072

15. **Strength & Water Permeation of Concrete with Blends of Limestone Powder, Metakaolin and Light Fill**

Jainender Sharma.,Abhilesh Kante Sharma, Vivek Verma.,Bhupinder Singh  
IJRRA, Volume 01, Year 2014, Pages 28-34

16. **Study on Partial Replacement of Cement with Waste Marble Dust and Waste Glass Powder**

Diksha Sharma, Er Jainender Sharma  
Study on Partial Replacement of Cement with Waste Marble Dust and Waste Glass Powder, Volume 09, Pages



## Mrs Punita Thakur

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Profile URL :

<https://vidwan.inflibnet.ac.in//profile/368784>

Phone: , 7018549236

Address: Kangra ,Himachal Pradesh,India - 176081

## Expertise

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### Civil Engineering

Civil Engineering

## Work experience

---

1. Sri Sai University 2020 — Present

Assistant Professor  
Kangra

2. Sri Sai University 2013 — 2015

Assistant Professor  
Kangra

## Education

---

1. M. Tech in civil engineering - 2019

Sri Sai university palampur

2. B.Tech. in civil engineering - 2013

Sirda group of engineering and technology naulakha Sunder nagar

### 3. Diploma in Civil Engineering - 2010

govt polytechnic college sundernagar

## Publication

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#### 1. Assessing Concrete Performance with Mill Scale and Incinerated Biomedical Fly Ash as Partial Replacements for Cement and Fine Aggregate

Abhay Kirmani \*1, Punita Thakur\*2, Jainender Sharma\*3

International Research Journal of Modernization in Engineering Technology and Science, Volume Volume: 09/Issue:07/April-2024, Year 2024, Pages 1-8

#### 2. Experimental investigation of geopolymer concrete with full replacement of cement with fly ash, metakaolin and GGBS

Sahil, Punita Thakur and Jainender Sharma

International Journal of Civil Engineering and Construction 2023, Volume Volume: 02 Issue: 01 |, Year 2023, Pages 01-04

#### 3. Evolution of concrete characteristics through the incorporation of nano titanium dioxide and substitution of cement with enhanced biomedical waste fly ash

Abhishek Bariya, JainendernSharma, Punita Thakur

International Research Journal of Modernization in Engineering Technology and Science, Volume Volume: 05 Issue: 9 , Year 2023, Pages 1-9

#### 4. EXPERIMENTAL STUDY ON MECHANICAL PROPERTIES OF CONCRETE USING CHIPPED RUBBER AGGREGATE AND SILICA FUME

Rajat Sharma , Punita Thakur , Jainender Sharma

IJSART, Volume Volume 9 Issue 7 - JULY 2023, Year 2023, Pages 385-390

#### 5. Rehabilitation of Damaged Beam-Column Joint of High Strength Concrete by Using FRP

Pulive Sharma , Punita Thakur , Jainender Sharma

IJSART - Volume 9 Issue 7 - JULY 2023, Volume , Year 2023, Pages

#### 6. Experimental Study on Partial replacement of Cement with Bentonite clay And Fine Aggregate with Quarry dust

Ishu kumar, punita thakur

International Journal of Advances in Engineering and Management (IJAEM), Volume Volume: 04 Issue: 06, Year 2022, Pages 1557

#### 7. Comparative study of static and dynamic design analysis of RCC school building

Anita Devi ., Punita Thakur ., Jainender Sharma .,

International Journal of Structural Design and Engineering 2022, Volume Volume: 03 Issue: 01, Year 2022, Pages 1-12

8. **An Experimental Study on Utilization of Waste Materials & Eco- Friendly Construction to Make Green Concrete of Grade M25**

Urvashi, Er. Punita Thakur, Er. Jainender Sharma

International Research Journal of Engineering and Technology (IRJET), Volume Volume: 08 Issue: 10 |, Year 2021, Pages Page 18

9. **Experimental Investigation on Self Curing Concrete with Partial Replacement of Binding Material with Silica Fume & Metakaolin and Sand with GGBS**

KRITIKA JAMWAL, PUNITA THAKUR, JAINENDER SHARMA

International Research Journal of Engineering and Technology (IRJET), Volume Volume: 08 Issue: 10 |, Year 2021, Pages page 706

**SRI SAI UNIVERSITY, PALAMPUR (H.P)**  
**SAI SCHOOL OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF CIVIL ENGINEERING**

**Faculty Name:** Aishwarya Thakur

**Designation:** Assistant Professor

**Qualification:** M.Tech (CE)

**Experience:** 3 years

**Publications:** 3



<b>S.No.</b>	<b>Title of Research Paper</b>	<b>Journal Name</b>
<b>1.</b>	A Review Paper on Early-Stage Corrosion Detection in Reinforced Concrete Structure with Piezo-Electric Sensor”, <i>Test Engineering and Management, The Mattingley Publishing Co., Inc. USA, Vol. 82, pp- 9973-9985.</i>	<i>Test Engineering and Management</i>
<b>2.</b>	Thakur, A. and Saurav, (2021) Structural health monitoring through the application of piezoelectric sensors - State of The Art Review.	ICCME 2021
<b>3.</b>	Thakur, A. and Saurav (2021) Real time corrosion monitoring of steel bars embedded in concrete using piezo-electric sensors.	<i>ICSMC2021</i>

**SRI SAI UNIVERSITY, PALAMPUR (H.P)**  
**SAI SCHOOL OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Faculty Name:** Sandeep Rawat

**Designation:** Assistant Professor

**Qualification:** M.Tech (CSE)

**Experience:** 7 years



**Publications:** 6

<b>S.No.</b>	<b>Title of Research Paper</b>	<b>Journal Name</b>
1.	The Cache Based Scheme To Increase Lifetime of Wireless Sensor Network	IJCSE
2.	Analysis of Various Energy Efficient Technique of Wireless Sensor Network	IJCSIT
3.	A Real Time Spam Classification of Twitter data and comparative analysis of different Classifiers	IJSTE
4.	A Review on Spam Classification of Twitter Data Using Text Mining and Content Filtering	IJARCSSE
5.	A Review Paper on Energy Efficient Clustering Schemes For Wsn Assisted Iot Networks	IJSREM
6.	Fuzzy Logic Based Improved Stable Election Protocol To Increase Lifetime Of Wsn Assisted Iot Network	IJSREM



**SRI SAI UNIVERSITY, PALAMPUR (H.P)**  
**SAI SCHOOL OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Faculty Name:** Shivanshu Katoch

**Designation:** Assistant Professor

**Qualification:** M.Tech (CSE)

**Experience:** 2.5 years



**Publications:** 5

<b>S.No.</b>	<b>Title of Research Paper</b>	<b>Journal Name</b>
1.	Pneumonia Disease Detection Using Deep Learning Methods from Chest X-Ray Images: Review	IJATCSE
2.	Crossbreed Invariant Optimization MSVM Method for Effective Diagnosis of Pneumonia from Chest X-Ray Images	IJATCSE
3.	Firefly algorithm Based An Enhancement Brain Tumor Segmentation and Classification System	IJSREM
4.	A Review Paper on Energy Efficient Clustering Schemes For Wsn Assisted Iot Networks	IJSREM
5.	Fuzzy Logic Based Improved Stable Election Protocol To Increase Lifetime Of Wsn Assisted Iot Network	IJSREM

**SRI SAI UNIVERSITY, PALAMPUR (H.P)**  
**SAI SCHOOL OF ENGINEERING & TECHNOLOGY**  
**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Faculty Name:** Yamini Sood

**Designation:** Assistant Professor

**Qualification:** M.Tech (CSE)

**Experience:** 9 Years



**Publications: 16**

S.No.	Title of Research Paper	Journal Name
1.	A Framework Based Approach for the Development of Web Based Applications	WCSIT
2.	Cost Control and Quality Maintenance Metrics for Component- Based Software Development	International Conference on Advances in Communication, Network, and Computing , Springer
3.	Ontology Based Approach for Video Transmission Over The Network	IJMA
4.	A Comparative Study of Leach Protocol for Wireless Sensor Network	IJERMT
5.	Biomedical Structure Reporting By Using DICOM- A Survey	IJARCSE
6.	Routing Protocols In Wireless Sensor Networks	IJERMT
7.	Improvement of Advanced LEACH Protocol for Wireless Sensor Network	IJARCSE
8.	Replay Attack Prevention By Using A Key With Random Number In Kerberos Authentication Protocol	IJIRSET
9.	Review on Data Mining Techniques to Improve Intrusion Detection Systems	IJETCAS
10.	Feature Selection Approaches for Effective Intrusion Detection	IJSRET
11.	A Review on Virtual Based Data Dissemination Schemes for Mobile Sink in WSN	JSRET
12.	Survey on Content Based Image Retrieval Techniques-	IJARCCE
13.	Feature Selection Approach For Intrusion Detection System Based On Pollination Algorithm	IJAERT
14.	Virtual Based Data Dissemination Schemes for Mobile Sink in WSN	IJCA
15.	Content Based Image Retrieval Using GLCM Techniques & Color Feature	IJARCSSE
16.	Routing Protocols used in Wireless Sensor Network	IJST

**SRI SAI UNIVERSITY, PALAMPUR (H.P)**

**SAI SCHOOL OF ENGINEERING & TECHNOLOGY  
DEPARTMENT OF ELECTRICAL ENGINEERING**



**Faculty Name:** Shikha

**Designation:** Assistant Professor

**Qualification:** M.Tech (Signal Processing)

**Experience:** 13 years

**Publications:** 3

<b>S.No.</b>	<b>Detail of Publications</b>
1.	"Security Analysis of Dynamic Source Routing(DSR)", numbered 82991 and bearing ISBN 978-3-659-38020-4 published by LAP LAMBERT Academic publishing germany in 2 april 2013
2.	"MULTIHOP Energy Efficient Harvesting Protocol for Wireless Sensor Network MHEHP" Scopus indexed journal ISSN:2096-3246 volume54,issue 02, August 2022
3.	"Enhancing the performance & Efficiency of a solar powered water pumping system and their optimization using the response surface methodology", International Research Journal of Modernization in Engineering & Science, Volume:08/Issue:05/December2023, e-ISSN:5592-7708



**Faculty Name:** Anupam Kanwar

**Designation:** Assistant Professor

**Qualification:** M.Tech. (Electrical Engineering)

**Experience:** 9 years

**Publications:** 2

<b>S.No.</b>	<b>Detail of Publications</b>
1.	'Phase measurement unit', International Journal of Advances in Engineering & Management, Volume 5, Issue 9, pp: 570-578, September 2023.
2.	"Small Hydro plants" International Journal of Advances in Engineering & Management, Volume 5, Issue 9, pp: 30-41, September 2023.

SAI SCHOOL OF ENGINEERING & TECHNOLOGY  
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

**Faculty Name:** Dr. R.P.P Singh

**Designation:** Dean Engineering cum Dean R & D

**Qualification:** PhD (ECE)

**Experience:** 25 years



**Publications: 12**

S.No.	Detail of Publications
1.	Raminder Preet Pal Singh, I. S. Hudhara, Sudhakar Panday & Shashi Bhushan Rana," <b>Effect of Ni Doping on Structural, Optical, and Magnetic Properties of Fe-Doped ZnO Nanoparticles</b> ", <i>Journal of Superconductivity and Novel Magnetism</i> , ISSN 1557- 1939, Volume 28 Number 12, 2015, pp. 3685-3691, DOI 10.1007/s10948-015-3183-6. <b>(SpringerJournal)</b> . <b>Impact Factor:1.142</b>
2.	Raminder Preet Pal Singh, I. S. Hudhara, Sudhakar Panday & Shashi Bhushan Rana," <b>Effect of Co Doping on Structural, Optical, and Magnetic Properties of Fe-Doped ZnO Nanoparticles</b> ", <i>Journal of Superconductivity and Novel Magnetism</i> , ISSN 1557- 1939, Volume 28 Number 12, 2015, pp. 3685-3691, DOI 10.1007/s10948-015-3183-6. <b>(SpringerJournal)</b> . <b>Impact Factor:1.142</b>
3.	Raminder Preet Pal Singh, I. S. Hudhara & Shashi Bhushan Rana," <b>Effect of Calcination Temperature on the Structural, Optical and Magnetic Properties of Pure and Fe doped ZnO Nanoparticles</b> ", <i>Materials Science-Poland</i> ,2016. <b>(SpringerJournal)</b> <b>Impact Factor: 0.610</b>
4.	Raminder Preet Pal Singh, I. S. Hudhara, Sudhakar Panday & Shashi Bhushan Rana," <b>Influence of Co-doping on the Structural, Optical and Magnetic Properties of ZnO Nanoparticles</b> ", <i>International Journal of Nanoelectronics and Materials (IJNeM)</i> , <i>Malaysia</i> , Volume 9, No.1,2016. <b>(ScopusIndexing)</b>
5.	S.B. Rana, R.P.P. Singh," <b>Investigation of structural, optical, magnetic properties and antibacterial activity of Ni-doped zinc oxide nanoparticles</b> ", <i>Journal of Materials Science: Materials in Electronics</i> (Published Online: 14 May 2016), DOI: 10.1007/s10854-016-4975-6. <b>(SpringerJournal)</b> . <b>Impact Factor: 2.324</b>
6	S.B. Rana, R.P.P. Singh," <b>Structural, optical, magnetic and antibacterial study of pure and Cobalt doped ZnO nanoparticles</b> ", <i>Journal of Materials Science: Materials in Electronics</i> (Published Online: 14 Oct 2016), DOI: 10.1007/s10854-016-4975-

	6. <b>(SpringerJournal).Impact Factor: 2.324</b>
7	Neha Sharma, <b>Raminder Preet Pal Singh</b> , Varun Sharma, "Effect of Silver dopant on Structural and Optical properties of ZnO nanoparticles", Applied Physics A 125(5), May 2019, DOI: 10.1007/s00339-019-2594-9. <b>(SpringerJournal).Impact Factor: 1.784</b>
8	<b>R.P.P. Singh</b> , Parveen Kumar, Balwinder Singh, " Performance Analysis of 32-bit ArrayMultiplierwithaCarrySaveAdderandwithaCarryLookAheadAdder", <i>International Journal of Recent Trends in Engineering, FINLAND</i> , Volume – 02, pp 83-86.
9	Faizan Ahmed Sheikh, <b>Raminder Preet Pal Singh</b> , Jang Bahadur Singh, Parveen Lehana, " Effect of High Voltage on Texture, Color and Growth of Aloe vera Leaves", <i>Physical Science International Journal</i> , 6(3):163-168, 2015, Article no.PSIJ.2015.042, ISSN: 2348-0130. <a href="http://www.sciencedomain.org">www.sciencedomain.org</a> .
10	Ishan Gupta, <b>Raminder Preet Pal Singh</b> , Saleem Khan, Parveen Lehana, SandeepArya, "Electrochemical Synthesis of Zinc Selenide Nanowires and their Characterization", <i>ChemXpress</i> , Volume 3 Issue 3 Year: 2014 Pages:85-129.
11	<b>R.P.P. Singh</b> , Parveen Kumar, Balwinder Singh, " Performance Analysis of Fast Adders Using VHDL", Advances in Recent Technologies in Communication and Computing, International Conference on 27-28 OCT 2009, Co-sponsored by the <b>IEEE-Computational Intelligence Society</b> , DOI: <a href="https://doi.org/10.1109/ARTCom.2009.132">10.1109/ARTCom.2009.132</a> , <b>Print ISBN:978-1-4244-5104-3</b> .
12	<b>Raminder Preet Pal Singh</b> , I. S. Hudhara, Sudhakar Panday & Shashi Bhushan Rana. "Effect of Calcination Temperature on the Structural and Optical properties of ZnO Nanoparticles", <b>Presentation at 4th International Conference on Advanced Nanomaterial and Nanotechnology (ICANN-2015) organized by Centre for Nanotechnology at the Indian Institute of Technology Guwahati (IITG)</b> , India during Dec 8-11,2015.



**Faculty Name:** Dr. Neeraj Marwaha

**Designation:** Deputy Dean Engineering

**Qualification:** PhD (Nano Electronics)

**Experience:** 25 Years

**Publications:**

S.No.	Detail of Publications
1.	Futuristic Trends in Electronics and Instrumentation Engineering, Volume 3, book 2, Year 2024, Neeraj Marwaha et al. Pages 0-351
2.	Ultra fast investigation of manganese mn dopped luminescent mgo nanoflakes/nanoneedles Neeraj Marwaha, Mahesh Kumar and Rajni Verma article J. Environ. Nanotechnol., Volume 13, Year 2024, (Accepted)
3.	Innovative Smart Dustbin for Managing Waste Disposal P. S. Rathore, Neeraj Marwaha, B. Singh article J. Environ. Nanotechnol. Volume Volume 12, No 3, Year 2023, Pages 23-26
4.	Water Management System by Global Service Mobile (GSM) using Nanostructured Magnesium Oxide as Display for Agriculture Purposes Neeraj Marwaha, A.K. Srivastava article J. Environ. Nanotechnol, Volume Vol. 6(4),, Year 2018, Pages 01- 06
5.	Facile synthesis and characterization of pH-dependent pristine MgO nanostructures for visible light emission Neeraj Marwaha, Bipin Kumar Gupta, Rajni Verma & Avanish Kumar Srivastava article Journal of Materials Science, Volume Volume 52, Year 2017, Pages pages 10480–10484
6.	Facile synthesis of defect-induced highly-luminescent pristine MgO nanostructures for promising solid-state lighting applications Navita Jain, Neeraj Marwaha, Rajni Verma, Bipin Kumar Gupta and Avanish Kumar Srivastava article RSC Adv. , Volume Issue 6, 2016, Year 2016, Pages 4960-4968
7.	Wireless Sensor Network and their application–A Review Of Point to Point Communication and Security. Neeraj Marwaha and SRN Reddy article IJEEE, Volume 13, Year 2013, Pages 9-11
8.	.Low cost water management system for horticulture by using GSM technology Neeraj Marwaha and Nikhil Prashar article IJEEE, Volume 4, Year 2013, Pages 29- 31



**Name:** Adit Rana.

**Designation:** Assistant Professor.

**Qualification:** M. Tech in Mechanical Engineering.

**Specialization:** (Solar Thermal Technologies).

**Experience:** Er. Adit Rana is an Assistant Professor in the Department of Mechanical Engineering at Sri Sai University with an experience of 8 years, specializing in Mechanical and Thermal Engineering. An active member of several international affiliations, he has published numerous research articles and books on renewable and thermal engineering. Er. Adit Rana has managed the Automobile Laboratory and maintained a Community Solar Concentrated Steam Cooking Plant at Shoolini University. With a strong technical background, he has filed 26 patents, out of which 8 patents are granted by Indian patent office and is currently developing a Concentrated Solar Power system to extract essential oils from Lantana, aiming to enhance forest biodiversity and create rural employment opportunities.

#### **List of Publications:**

1. Performance investigation of a solar thermal collector provided with air jets impingement on multi, V-shaped protrusion ribs absorber plate. Journal of [Heat and Mass Transfer](#) 56(3), DOI:[10.1007/s00231-019-02755-2](#).
2. Selection of Optimal Parameters for Reduction of Forging Defect using AHP- TOPSIS Technique. ISSN NO. 2249-3255.
3. Optimization of multiple arcs protrusion obstacle parameters using AHP-TOPSIS approach in an impingement jet solar air passage. Journal of [Heat and Mass Transfer](#) 54(12):1-12, DOI:[10.1007/s00231-018-2405-4](#).
4. Experimental investigation of an indirect solar dryer integrated with phase change material for drying valeriana jatamansi (medicinal herb). Journal of Case Studies in Thermal Engineering.10:302-314. <https://doi.org/10.1016/j.csite.2017.07.009>.
5. Experimental investigation of the performance of tubular solar dryer. DST sponsored 2<sup>nd</sup> International Conference on Cutting Edge Technological Challenges in Mechanical Engineering (CETCME-2017), held at Noida Institute of Engineering and Technology, Greater Noida (UP) India - 201308, February 18 – 19, 2017; pp. 86-89.



**Name:** Shailesh Pratap.

**Designation:** Assistant Professor.

**Qualification:** M. Tech in Mechanical Engineering.



**Experience:** Working experience 5 years (SSU) Palampur, (H.P).

**Publications :**

1. Melting and Solidification characteristics of paraffin wax detected in glass cleaning operation using AFM system. Published in irjet volume 9 issue 2 impact factor 7.5 feb 2022.
2. Study Of vehicle Testing Using Chassis Dynamometer published in irjet volume 3 issue 2 impact factor 6.7 July 2015.