RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Abhay Pal

Dr B R Ambedkar National Institute of Technology Jalandhar

In recognition of the research paper titled

Simulation Study of SS-316 Powder Chisel Casting via Microwave Energy: A Multi-Physics Approach

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/86 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Abhinav Abbott

In recognition of the research paper titled

Impact of pharmaceuticals on wastewater on treatment

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/82 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Abhishek

In recognition of the research paper titled

Harnessing The Potential of Thermoelectric for Daily life.

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/137 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Aditi Badhan

In recognition of the research paper titled

A Comparative Analysis of Graph Databases: An Overview

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/28 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ajay Kumar

In recognition of the research paper titled

Leveraging Machine Learning for Enhanced Renewable Energy Management and Optimization

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/38 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Akankshya Priyadarshini

VSSUT, Burla

In recognition of the research paper titled

A Sustainable Stress-Strain analysis of Functionally Graded Beam with the results of Fuzzy Algorithm and ANSYS Simulation

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/36 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Akhil Chaudhary

In recognition of the research paper titled

Analysis of glufosinate-ammonium sorption, desorption and leaching potential in various organically altered soils

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/48 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Alishba Aqlim

In recognition of the research paper titled

A Comprehensive Review on Production of Biofuels

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/68 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Animesh Kumar

In recognition of the research paper titled

Diabetic Foot Ulcer: Current Scenario and Future Strategies

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/133 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Anjali

Department of Physics, Himachal Pradesh University

In recognition of the research paper titled

Solid-State Electrolytes and their Impact on the Future of Green Energy Technologies

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/102 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Anjali Sharma

In recognition of the research paper titled

Design and Analysis of PTL based Binary to Gray Code Converter on 65nm Technology

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/33 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Anjali Thakur

Ramjas College, University of Delhi Delhi-07

In recognition of the research paper titled

Effect of Dysprosium on magnetic properties of Z-type Hexaferrite

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/85 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ankita

In recognition of the research paper titled

Evaluation of removal efficiency of some heavy metals by low cost biosorbent: A Sustainable approach.

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/43 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Anshika

In recognition of the research paper titled

A Comprehensive Review on Production of Biofuels

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/68 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Anshita Singh

In recognition of the research paper titled

Nanomaterials-Enhanced Herbal Medicine: A Novel Approach for Improved Therapeutic Diagnosis and Efficacy

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/119 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Arvind Kumar Negi

In recognition of the research paper titled

Assessing the Ecological Effects of Hydropower Dams on Diatom Communities in the Sutlej River

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/122 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Aryaman Bahl

In recognition of the research paper titled

Matrix Models in Population Dynamics: Exploring Structure and Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/65 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Aryaman Bahl

In recognition of the research paper titled

Significance of Hybrid Manufacturing and its Technologies in the field of Manufacturing and Design Industry

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/66 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Aryaman Bahl

In recognition of the research paper titled

Exploring the Significant Advancements and Potential Applications of Additive Manufacturing in Industry

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/67 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Aryan kaushik

In recognition of the research paper titled

Biomass Energy: A Comprehensive Review and Future Prospects

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/83 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ashish Kumar Mishra

In recognition of the research paper titled

Si-Based High Energy Density Li-ion Batteries to Minimize Environmental Impacts

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/46 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Asmita Rastogi

In recognition of the research paper titled

Biomass Energy: A Comprehensive Review and Future Prospects

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/83 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ayan Maity

In recognition of the research paper titled

Diabetic Foot Ulcer: Current Scenario and Future Strategies

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/133 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Babita kumari

In recognition of the research paper titled

Pine needles modified with thiosemicarbazide for the removal of harmful metal ion and cationic dye from wastewater

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/112 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

BALASUBRAMANYAM N

Sri Venkateswara University College of Engineering,Tirupati

In recognition of the research paper titled

EXPERIMENTAL INVESTIGATION OF MACHINING PERFORMANCE OF MICRO GROOVE TEXTURED HIGH SPEED STEEL TOOLS DURING TURNING OF SS 316 L UNDER DRY ENVIRONMENT CONDITIONS

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

BALASUBRAMANYAM N

Sri Venkateswara University College of Engineering ,Tirupati

In recognition of the research paper titled

OPTIMIZATION OF FUSED DEPOSITION MODELLING PROCESS PARAMETERS BY USING A GREY FUZZY LOGIC TECHNIQUE

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/138 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Balbir Singh Patial

Department of Physics, Himachal Pradesh University Summerhill Shimla, H.P.-171005, INDIA

In recognition of the research paper titled

Advancements in Li-ion Battery Technology and its Cathode Towards a Sustainable Future

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/49 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Deepa Pandey

Faculty of Technology and Engineering, The Maharaja Sayajirao University of Baroda

In recognition of the research paper titled

Development of Fuzzy Model to Predict Performance of Single Slope Single Basin Solar Still

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/22 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Deepika Sharma

Himachal Pradesh university

In recognition of the research paper titled

Enhancing magnetic properties of M-type Ferrite with Aluminium-Neodymium doping for EV's PM Motors

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/94 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Diksha Devi

In recognition of the research paper titled

A Review and Synthesis of 0.8 (Ba0.70Ca0.30TiO3)-0.2Bi (Mg0.5Ti0.5)O3 (BCT-BMT) Relaxor Ferroelectric Ceramics

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Diksha Thakur

In recognition of the research paper titled

Correlation between physical, structural and electrical properties of Sb doped InSe chalcogenide alloys

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/52 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dinesh Yadav

In recognition of the research paper titled

Fuzzy DEMATEL Analysis of Major Obstacles in Green Recycling of PV waste

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/18 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dipak K Chandre

PRES Sir Visvesvaraya Institute of Technology, Nashik

In recognition of the research paper titled

Adsorptive Removal of Diclofenac Using Biomass Derived Activated Carbon

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/14 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Divyansh Bhardwaj

In recognition of the research paper titled

Microwave Casting of an Aluminium Door Handle: A Multiphysics Simulation Approach

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/88 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Amanpreet Kaur

In recognition of the research paper titled

How do Income inequality, Poverty and population growth impact the environmental degradation in India: unveiling the reality

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/70 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Anjali Sharma

Department of Physics, Himachal Pradesh University

In recognition of the research paper titled

Design and Analysis of 2-Bit Vedic Multiplier by Pass Transistor Logic

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/21 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Anjali Sharma

In recognition of the research paper titled

Integrating Renewable Energy Solutions for a Sustainable Environment: Challenges and Opportunities

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/58 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Arun K. Valvi

Rayat Shikshan Sanstha's Annasaheb Awate College Manchar

In recognition of the research paper titled

Study of Photodegradation of Methylene Blue Dye Using Carbon Doped TiO2 Nanoparticles

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/1 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Arun K. Valvi

Rayat Shikshan Sanstha's Annasaheb Awate College Manchar

In recognition of the research paper titled

Study of photo degradation of Methylene blue dye using Magnesium doped TiO2 nanoparticles

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/2 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Dharmendra Singh

Invertis University, Bareilly, Uttar Pradesh, India

In recognition of the research paper titled

Improving the Stability of Clayey Soil by Utilizing Lime and Coir Fiber

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/9 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Dharmendra Singh

Invertis University, Bareilly, Uttar Pradesh, India

In recognition of the research paper titled

Analysis of Mechanically Stabilized Earthwall using Plaxis 2D

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/10 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Dharmendra Singh

Invertis University, Bareilly, Uttar Pradesh, India

In recognition of the research paper titled

Various Geotechnical Parameters Characterization of Clayey Soil using Pond Ash and Nylon Fiber

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/69 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Geeta Devi

In recognition of the research paper titled

Action of derivations on Lie ideals of Additively Inverse Semirings

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/101 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Jeetendra Bhawsar

In recognition of the research paper titled

Inhibition of Mild Steel Corrosion using Synthesized Silver Nanoparticles

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/92 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Madhu Bala Dadhwal

In recognition of the research paper titled

Action of derivations on Lie ideals of Additively Inverse Semirings

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/101 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Mamta Arora

Manav Rachna University

In recognition of the research paper titled

Enhancing Chili Crop Health: Multi-Class Disease Classification Using Deep Learning

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/12 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Mihir Kumar Sutar

In recognition of the research paper titled

Modal Analysis of Functionally Graded Beam Integrating ANSYS Simulation and Fuzzy Inference System

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/35 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Mihir Kumar Sutar

In recognition of the research paper titled

A Sustainable Design of Bike Ambulance with Side Car for Remote Areas

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/37 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Mohd Kashif

In recognition of the research paper titled

Only Attending

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Sarojrani Pattnaik

In recognition of the research paper titled

Investigation on an alternative Sustainable Disc Brake Material for better Braking

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/44 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Sarojrani Pattnaik

In recognition of the research paper titled

A Comparative Analysis for an Effective Disc Brake Material for a Sustainable Braking System

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/45 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Shalini Singh

In recognition of the research paper titled

Evaluation of Aspergillus fumigatus for degradation of Resorcinol

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/132 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Shambhavi Katyayan

In recognition of the research paper titled

Study of Attenuation Profile of Variable Thickness Metallic Absorber Plates With G-M Counter

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/25 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Shammi Kumar

In recognition of the research paper titled

Influence of ZnO on Structural Properties of Environmental Friendly K0.5Na0.5NbO3 Piezoelectric Ceramics

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/93 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Shashi Bahl

In recognition of the research paper titled

A Review of the Optimization of Turning Parameters on Various Steel Grades

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/76 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Sirisha Deepthi Sornapudi

In recognition of the research paper titled

Synthesis, Characterization and Assessment of Antibacterial Properties of Copper Nanoparticles

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/26 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Swati Singh

In recognition of the research paper titled

Mango Leaf Disease Segmentation and Feature Extraction using Machine Learning

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director
STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/27 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Swati Singh

In recognition of the research paper titled

Convolutional Neural Network Architecture Based Detection of Dengue from Blood Smear Images

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/32 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. V.Jaiganesh

Bharath Institute of Higher Education and Research

In recognition of the research paper titled

The Evolution and Significance of Waste Management: Challenges and Opportunities for Sustainable Development

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/17 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dr. Yudhveer

In recognition of the research paper titled

Sustainable Development Policies around the Globe: Some Reflections

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/60 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Dumita

In recognition of the research paper titled

Comparison of Fuzzy Logic and Fuzzy Analytical Hierarchy Process (FAHP) For Ranking of Renewable Energy Sources For Distributed Generation Systems

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/31 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ganesh Kapahi

In recognition of the research paper titled

Only Attending

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Gaurav Agrawal

In recognition of the research paper titled

Greening Healthcare: Sustainable Materials for Environmental

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/120 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Himanshu Kumar Meena

In recognition of the research paper titled

Multi-physics simulation study to microwave cast Allen key of stainless steel

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/89 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Janvi Chauhan

In recognition of the research paper titled

Leveraging Influencer Marketing For New Age Employment: Opportunities In the Digital Era

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/116 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Jitendra Kumar Saini

In recognition of the research paper titled

Machine Learning for Road Safety: Predicting Accidents through Data Analysis & Visualization Techniques

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/81 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kanak singhal

In recognition of the research paper titled

Leveraging Influencer Marketing For New Age Employment: Opportunities In the Digital Era

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/116 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kashvi Dixit

In recognition of the research paper titled

Sustainable Heavy Metal Remediation in Water Using Green-Synthesized Moringa and Coriander Nanoparticles

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/124 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kashvi Goel

In recognition of the research paper titled

From Synthesis to Application: The Role of Nanomaterials, Soft Materials, and Biomaterials in Medical Health Care

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/123 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kavita

In recognition of the research paper titled

An Outline of the Several Facets of Environmental Sustainability

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/47 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kavita Aheer

In recognition of the research paper titled

Education for Sustainable Development and its Role in the Promotion of the Sustainable Development Goals

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/96 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kavita Chauhan

In recognition of the research paper titled

Guar gum based quaternized adsorbent for the effective removal of anionic dyes

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/109 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Keshav Kumar

In recognition of the research paper titled

Diabetic Foot Ulcer: Current Scenario and Future Strategies

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/133 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Khushboo Gupta

In recognition of the research paper titled

Biomass Energy: A Comprehensive Review and Future Prospects

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/83 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kishlay Kant Singh

In recognition of the research paper titled

Sustainable Functional Coatings via Versatile Advanced Analytical Instruments (SEM, TEM, AFM, AAS, XPS, DMTA, TGA and DSC) for Energy and Environmental Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/77 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kriti

In recognition of the research paper titled

Quaternized P. ovata as a highly efficient adsorbent for selective adsorption of Congo red

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/59 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Kunwar Shaan

In recognition of the research paper titled

Artificial Intelligence in Agriculture: A Comprehensive Review of Machine Learning and Deep Learning Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/71 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Lalit Kumar Chauhan

In recognition of the research paper titled

A Systematic Review Examining Sustainable Development Policies and Practices Recommendations in India.

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/61 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mathan G

In recognition of the research paper titled

Review of Energy-Neutral Initiatives in Academic Institutions

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/19 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mayank Chauhan

In recognition of the research paper titled

A Comprehensive Review on Production of Biofuels

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/68 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mayank Pratap

In recognition of the research paper titled

An Outline of the Several Facets of Environmental Sustainability

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director
STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/47 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mehak Manzoor

In recognition of the research paper titled

Key Research Areas in Landslide Studies in Indian Himalayas- A Review

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/42 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Monika

In recognition of the research paper titled

Advancements in Li-ion Battery Technology and its Cathode Towards a Sustainable Future

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/49 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mr. KAUSHAL KUMAR

In recognition of the research paper titled

Innovative Concrete Materials: Utilizing Crushed Bricks for Aggregate Replacement

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/99 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ms Prabhjot Kaur

In recognition of the research paper titled

Sustainable Pathways: Unveiling the Nexus of Environmental Concerns, Government Initiatives, and Generation Z's Adoption of Solar Technologies

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/62 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mudit Singh

In recognition of the research paper titled

Revolutionizing Agriculture: The Impact of Machine Learning and Deep Learning

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/121 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Mukesh Kumar

In recognition of the research paper titled

Integrating Sustainable Development Goals in the Education of Students with Disabilities

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/95 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Name of the Author

In recognition of the research paper titled

Title of the Paper

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

NAVNEET VERMA

In recognition of the research paper titled

Review on Improved Photocatalytic Performance of g-CN through Nonmetal Doping: Environment Remediation oriented sustainable approach

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/105 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Necdet Yakut1, Orhan Çakır

In recognition of the research paper titled

Brief Review of Drilling of Carbon Fibre/Reinforced Polyetheretherketone (CF/PEEK) Composites

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Neha Bhandhari

In recognition of the research paper titled

Repurposing Athyrium filix-femina acetone extract as antimicrobial agent against bacterial pathogens

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/53 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

NILESH MOHAN KHALSE

PRES Sir Visvesvaraya Institute of Technology, Nashik

In recognition of the research paper titled

Adsorptive Removal of Diclofenac Using Biomass Derived Activated Carbon

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/14 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Nisha Sharma

In recognition of the research paper titled

Analysis of glufosinate-ammonium sorption, desorption and leaching potential in various organically altered soils

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/51 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Nishant Singh

In recognition of the research paper titled

Artificial Intelligence in Agriculture: A Comprehensive Review of Machine Learning and Deep Learning Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/71 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Nitika

In recognition of the research paper titled

Educational Strategies for Promoting Environmental Literacy: A Review of NEP 2020

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/56 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Orhan Çakır

In recognition of the research paper titled

Sustainability Through Process Improvements in Photochemical Machining

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Pawan Chauhan

In recognition of the research paper titled

A Review of Recent Advances in Sustainable Environmental Practices for Road Junction Design and Management

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/125 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Pranjali singh

In recognition of the research paper titled

Impact of pharmaceuticals on wastewater on treatment

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/82 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Prasenjit Chakraborty

In recognition of the research paper titled

Photocatalytic valorization of cellulose using DES -TiO2 complex based nano-catalyst

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/114 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Purnima Raghav

In recognition of the research paper titled

A Review on Na0.5Bi0.5TiO3 (NBT) and (1-x) NBT-xSrTiO3 (NBT-ST) Relaxor Ferroelectric Ceramics

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/107 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Rajveer Kaur Ritu

In recognition of the research paper titled

How do Income inequality, Poverty and population growth impact the environmental degradation in India: unveiling the reality

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/70 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Rana Pratap Singh

Government Engineering College Gopalganj

In recognition of the research paper titled

Sustainability Assessment of Sewage Treatment Plants in Northern India

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/127 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Rishi

Jaypee University of information technology wakhnaghat

In recognition of the research paper titled

Global Perspectives on Sustainability and Sustainable Development Research

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/15 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ritika Gupta

In recognition of the research paper titled

Biomass Energy: A Comprehensive Review and Future Prospects

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/83 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Rohit Duglet

Dept. of Physics, Himachal Pradesh University Summerhill Shimla

In recognition of the research paper titled

Annealing effects on Structure, Morphology, and Magnetism of Sol-Gel Synthesized CoFe2O4 for Renewable Energy Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/16 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Roshan Singh

In recognition of the research paper titled

Spirulina for Potential Healthcare Applications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/118 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sachin

In recognition of the research paper titled

Structural, Optical and Cation Distribution of Ni(Co0.02Cu0.02Mn0.1Fe1.8)O4 Ferrite Synthesized by Metal-Organic Decomposition Method

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/97 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sachin Kumar

In recognition of the research paper titled

Metal-Organic Framework as Sustainable Solution for Water Remediation: A Review

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/40 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sahil Dhiman

In recognition of the research paper titled

Exploiting Statistical Information Value (SIV) approach for Landslide hazard zonation of a Western Himalayan region

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/106 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Saloni Bhardwaj

In recognition of the research paper titled

Structural and Morphological Study of a Smart Material Potassium Sodium Bismuth Titanate (KNBT) for Environmental Sustainability

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/90 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sasmita Kar

In recognition of the research paper titled

Potential of Braided Preform an Ingenious Reinforcementfor Structural Composites

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/29 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Saumya Sinha

In recognition of the research paper titled

Advanced Applications of Soft Biomaterials in Clinical Biomedical Engineering

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/128 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sayan Bhattacharya

In recognition of the research paper titled

Environmental survey of a cinchona plantation village situated in the Eastern Himalayas, India: Sustainable development perspectives

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/115 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Shalima Kumari

In recognition of the research paper titled

Towards Environmental Sustainability: A Systematic Review of Green Chemistry Innovations

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/41 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

SHANTA KUMAR

In recognition of the research paper titled

Recent glacier area changes in the Ravi Basin: A study on the drivers and consequences of glacial retreat.

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/113 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Shreya Joshi

In recognition of the research paper titled

Impact of pharmaceuticals on wastewater on treatment

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/82 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Shubham Bhadoriya

In recognition of the research paper titled

Use of Geospatial Technologies for Precision Agriculture- A Review

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/39 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sneha Singh

In recognition of the research paper titled

Impact of pharmaceuticals on wastewater on treatment

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM-RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/82 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Srishti Shekhar

In recognition of the research paper titled

Monitoring and analysis of Dimethoate insecticide in environmental samples

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEMRS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/54 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sunil Kumar

HPU Shimla/LRET Solan (HP) India

In recognition of the research paper titled

Synthesis of Fe2O3 nanoparticles from Ferritin with tunable optical characteristics

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/50 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sunil Kumar

HPU Shimla/LRET Solan (HP) India

In recognition of the research paper titled

Optimized Multi-Component Attention Graph Convolutional Neural Network with FAResNet for Cardiovascular Disease Prediction in Rheumatoid Arthritis Patients

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/108 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Sunita Devi

HPU SHIMLA

In recognition of the research paper titled

Examination of reviews to establish a proposed model to overcome the challenges of Water Management system in India

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

T Raghavendra

In recognition of the research paper titled

Only Attending

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Ümit Aldemir, Orhan Çakır

In recognition of the research paper titled

Examination of Punch Tip Wear Angle on Sheet Metal Cutting Process

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/0 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Vanni Bhardwaj

In recognition of the research paper titled

Investigation of structural and electrical properties of Lead-free Potassium Bismuth Titanate piezoelectric ceramics

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/100 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

VANSHEIKA

In recognition of the research paper titled

Sustainable Snow Cover Mapping in Himachal Pradesh: Integrating Machine Learning and Spectral Indices for Environmental Monitoring

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/103 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Vanshika Bhardwaj

Punjab Engineering College (Deemed to be University)

In recognition of the research paper titled

Recent Advancement and Understanding the Mechanism of Scour in Bridges- A Review

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/34 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Vikas Meena

Dr B R Ambedkar National Institute of Technology Jalandhar

In recognition of the research paper titled

Multi-Physics Analysis of SS-316 Powder Spanner Casting Using Microwave Energy

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/87 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Yash Katyayan Mishra

National Institute of Technology Delhi

In recognition of the research paper titled

A Technical review on intelligent reflecting surface for multi-tier network in 6G communications

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

Ref.: RAISE2024/UIT-HPU/PP/24 | https://raise.stemrs.in/

RAISE2024

Recent Advances in Sustainable Environment

November 22 - 23, 2024

विश्वविद्यालय प्रौद्योगिकी संस्थान, हिमाचल प्रदेश विश्वविद्यालय , समर हिल , शिमला-05, भारत
University Institute of Technology, Himachal Pradesh University
Summer Hill, Shimla 171005, India

Certificate of Appreciation

This certificate is proudly presented to Prof./Dr./Ms./Mr.

Yash Sindhu

In recognition of the research paper titled

A Comprehensive Review on Production of Biofuels

presented in an *online mode* during RAISE2024 at University Institute of Technology - Himachal Pradesh University, Summer Hill, Shimla 171005, India

Convener

Organizing Secretary

Director STEM RS

Technically Supported by

Shobhit University
EDUCATION EMPOWERS

Proceedings In

9 789334 117967

Organized by

HIMACHAL PRADESH UNIVERSITY

Ref.: RAISE2024/UIT-HPU/PP/68 | https://raise.stemrs.in/