

### **Awards/Degree received:**

- Awarded with “**Certificate of Appreciation**” by Department of Science and technology, Govt. of India in June 2018.
- Got **Award of Honor on Teacher’s Day** by Bharat Vikas Parishad on 5<sup>th</sup> September 2022.
- Received “**Award of Appreciation**” from District Youth Welfare Department, Distt. Gurdaspur on 7<sup>th</sup> February, 2024.
- Received Award of “**Degree of Doctor of Philosophy**” in Chemistry in 11th Convocation organized by Lovely Professional University Phagwara on 25th February, 2024 from Mr. Tonny Abbott, former Prime Minister of Australia as Chief Guest.



**DEPARTMENT OF SCIENCE & TECHNOLOGY**  
**Ministry of Science & Technology**  
Technology Bhavan, New Delhi-110 016



**Certificate of Appreciation**

This certificate is awarded to Prof./Dr./Ms./Mr. *Parveen Saini*.....

.....*S. D. A. M. College, BinaNagar (Punjab)*.....for his/her valuable contributions

towards coordinating the INSPIRE INTERNSHIP Science Camp under the INSPIRE INTERNSHIP Component of INSPIRE Program

during *2017-2018* at.....*S. D. A. M. College, BinaNagar (Punjab)*.....

We appreciate the contributions made by the organizer in this national endeavor.

Date:

*A. Mukhopadhyay*  
(A. Mukhopadhyay)  
Head  
R & D Infrastructure Division



गुरु वन्दन छात्र अभिनन्दन

विशेष सम्मान

**Mrs. Parveen Kumari**

भारत विकास परिषद्

दीनानगर

ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ ਜਿਲ੍ਹਾ ਯੁਵਕ ਕੇਂਦਰ, ਗੁਰਦਾਸਪੁਰ।  
(ਸਰਕਾਰੀ ਕਾਲਜ, ਗੁਰਦਾਸਪੁਰ, ਮੋਬਾਇਲ ਨੰ 9646020541, 7508600706)

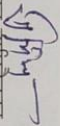
ਸੇਵਾ ਵਿਖੇ,

ਡਾ: ਪ੍ਰਵੀਨ ਸ਼ੰਡੀ,  
ਸੁਖੀ, ਕਮਿਸ਼ਨਰੀ ਫਿਝਾਲ,  
ਜਾਂਤੀ ਦੇਵੀ ਆਰਿਆ ਮਹਿਲਾ ਕਾਊਂਸਲ, ਦੀਬਾੜਗਰ।

ਮੀਮੋ ਨੰ ਸਰਕਸ/ਗ/2024/੨51  
ਮਿਤੀ:

ਵਿਸ਼ਾ- ਪ੍ਰਸ਼ੰਸਾ ਪੱਤਰ ।

ਉਪਰੋਕਤ ਵਿਸ਼ੇ ਦੇ ਸਬੰਧ ਵਿੱਚ ਇਸ ਦਫਤਰ ਵਲੋਂ ਮਿਤੀ 06 ਅਤੇ 7 ਫਰਵਰੀ 2024 ਨੂੰ  
ਆਪ ਜੀ ਦੀ ਸੰਸਥਾ ਜਾਂਤੀ ਦੇਵੀ ਆਰਿਆ ਮਹਿਲਾ ਕਾਲਜ ਦੀਨਾਨਗਰ ਵਿਖੇ ਜਿਲ੍ਹਾ ਪੱਧਰੀ ਯੁਵਕ ਮੇਲਾ ਕਰਵਾਇਆ  
ਗਿਆ ਜੋ ਜਿਸ ਵਿੱਚ ਆਪ ਜੀ ਵਲੋਂ ਇਸ ਪ੍ਰੋਗਰਾਮ ਨੂੰ ਕਾਮਯਾਬ ਕਰਨ ਲਈ ਯੋਗਦਾਨ ਦਿੱਤਾ ਗਿਆ ਸੀ। ਜਿਸ ਲਈ  
ਆਪ ਵਲੋਂ ਦਿੱਤੇ ਗਏ ਸਹਿਯੋਗ ਦੀ ਪ੍ਰਸ਼ੰਸਾ ਕਰਦੇ ਹਾਂ ਅਤੇ ਆਸ਼ਾ ਕਰਦੇ ਕਿ ਭਵਿੱਖ ਵਿੱਚ ਵੀ ਆਪਣਾ ਸਹਿਯੋਗ ਸਾਨੂੰ  
ਦਿੰਦੇ ਰਹਿਣਗੇ।

ਸਹਾਇਕ ਡਾਇਰੈਕਟਰ,  


ਯੁਵਕ ਸੇਵਾਵਾਂ, ਗੁਰਦਾਸਪੁਰ।



# Lovely Professional University

Established by an Act of the Legislature of the State of Punjab, the Lovely Professional University Act, 2005 (Act No. 25 of 2005), and recognised by the University Grants Commission under Section 2(f) of the UGC Act, 1956

On recommendation of the Academic Council,  
Lovely Professional University admits

**Parveen Saini**

S/D/o Mr. Kundan Lal Saini and Ms. Ramesh Rani

to the degree of  
**Doctor of Philosophy**  
(Chemistry)

having completed the prescribed requirements in the year 2023.

**Title of Thesis: SYNTHESIS AND CHARACTERIZATION OF 1,2,3-  
TRIAZOLE LINKED CHEMO SENSORS USING CU(I) CATALYZED  
ALKYNE-AZIDE CYCLOADDITION REACTION**

Given under the seal of the University  
at Phagwara, Punjab, India.



*Manica Gulati*

Registrar

*Ramesh Rani*

Vice Chancellor

*Usha Kaur*

Chancellor

Certificate Number : 313978

Registration Number : 41800817

This Degree can be authenticated by submitting the certificate number to [www.lpu.in/authenticate](http://www.lpu.in/authenticate) or e-mail to [recordverification@lpu.co.in](mailto:recordverification@lpu.co.in)

Lovely Professional University  
Jalandhar-Delhi G.T. Road,  
Phagwara, (Punjab) India-144411

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website: [www.lpu.in](http://www.lpu.in)



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## CITATION

for

### Parveen Saini

Click Chemistry has been of great interest among the researchers working in different areas, as it represents a family of wonderful linking reactions that are fast, easy to perform, wide in scope, generate less or inoffensive byproducts, high yielding, versatile and highly regio-specific and as a result this reaction was awarded with Nobel Prize in 2022. The 1,2,3-triazole linked molecules formed have extensive applications in biomedical sciences, physical sciences, polymer chemistry, chemosensing etc. Dr. Praveen Saini synthesized a total of eight novel 1,2,3-triazole linked molecules through Cu(I)-catalyzed click cycloaddition of novel terminal alkynes, synthesized during her Ph.D tenure. These molecules possessed excellent chemosensing nature that were analysed through UV-Visible spectroscopy by performing absorption titrations with various metal ions, like Na(I), K(I), Ba(II), Cr(III), Mn(II), Fe(II), Fe(III), Co(II), Ni(II), Zn(II), Cd(II), Hg(II), Pb(II) and Ce(III). The interaction of metal ion with receptor unit causes modulations in the absorption behavior of the receptor unit that helps in recognition of its chemosensing potential. From her research, she has published 7 articles in Scopus and her h-index in Scopus is 4 just within 2 years. Dr. Praveen Saini has demonstrated exceptional dedication and passion in the pursuit of knowledge in the field of inorganic chemistry. Her groundbreaking research has not only expanded our understanding of complex metal coordination but has also opened new avenues for applications in catalysis. As a tenacious and innovative researcher, she has not only earned her doctorate but has left an indelible mark on the scientific community, inspiring future generations of women in STEM. Her commitment to excellence and contributions to the field are a testament to her remarkable intellect and perseverance

*Manisa Gulati*

Registrar

*Rashmi*

Vice Chancellor

Date of Issue: 25-Feb-2024

Place: Phagwara, Punjab (India)

Certificate Number : 3940

Registration Number : 41800817

This certificate can be authenticated by writing to Division of Examination,  
Lovely Professional University, Jalandhar-Delhi G.T. Road, Phagwara, (Punjab) India-144411

