

**Proforma for information to be provided by the Teaching/ Academic/
Research Staff**

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1. Name : Dr R. LALNEIHPUII
2. Designation: ASSISTANT PROFESSOR
3. Academic Qualifications:

Sr.	Degree	Institution	Year
1	B.Sc	Pachhunga University College	2008
2	M.Sc	Mizoram University	2010
3	Ph.D	Mizoram University	2017

4. Area of Specialization: (brief write up, 200 words)

Liquid Metals and Alloys, Statistical Mechanics.

5. Contact Information: Department of Chemistry
Institute of Science
Banaras Hindu University
Varanasi- 221005 (U.P), India
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6. Projects Undertaken as PI/ Co PI: Nil

7. Awards/ Recognitions if any:

1. Best Poster award in 18th CRSI-RSC National Symposium in Chemistry held at Punjab University, Chandigarh (2016).
2. Best Oral Presentation award (2nd prize) in 8th National conference of the Physics Academy of North East, held at Mizoram University, Aizawl (2012).

8. List of Publications: (in order of importance)

1. Raj Kumar Mishra, **R. Lalneihpuui**, Raghvendu Pathak. Investigation of structure, thermodynamic and surface properties of liquid metals using square well potential. *Chemical Physics*, 457 (2015), 13-18.
2. Raj Kumar Mishra, **R. Lalneihpuui**. Test of the universal scaling law for square well liquid metals. *Journal of Non-Crystalline solids*, 444 (2016), 11-15.
3. **R. Lalneihpuui**, Ruchi Shrivastava and Raj Kumar Mishra. On the role of structure-dynamic relationship in determining the excess entropy of mixing and chemical ordering in binary square-well liquid alloys. *Materials Research Express* 5 (2018) 056501
4. **R. Lalneihpuui**, Raj Kumar Mishra. Transport and surface properties of liquid metals using their diffusion data. *Science and Technology Journal*, 4:2 (2016), 123-126.
5. Raj Kumar Mishra, **R. Lalneihpuui**, R Pathak. Concentration-Concentration Correlation in Long Wavelength Limit and Short Range Order in Binary Alloys. *Basic and Applied Physics*, 175-182. ISBN 978-81-8487-517-1, Narosa Publication, New Delhi.
6. R Pathak, **R. Lalneihpuui**, Raj Kumar Mishra. Statistical mechanical Studies of liquid metals. *Green Chemistry for Greener Environment*.135-141.ISBN 978-81-928823, Educreation Publication, New Delhi.

Date:

Signature

Place: