

DR. SEEMA DABAS

Research Papers:

1. “Acoustic phonon spectrum of unaligned multi-walled carbon nanotubes and zero phonon Rayleigh Mössbauer”
Indian Journal of Physics 89(5): 417-423.

Link to the article/paper

<https://link.springer.com/article/10.1007%2Fs12648-014-0607-2>

2. “Use of ZnO Nanoparticles in the degradation of Rhodamine B dye in waste water to save the environment”.
International Journal on Emerging Technologies 11(4): 527-532.

Link to the article/paper

<https://www.researchtrend.net/ijet/pdf/77%20Use%20of%20ZnO%20Nanoparticles%20in%20the%20Degradation%20of%20Rhodamine%20B%20dye%20in%20Wastewater%20to%20Save%20the%20Environment%20SUNIL%20KUMAR.pdf>

3. “On the Thermal Conductivity of Single-Walled Carbon Nanotube Ropes”.
Soft Nanoscience Letters 3(1): 7-10.

Link to the article/paper

https://file.scirp.org/pdf/SNL_2013010810172346.pdf

4. “On the Excess Specific Heat of Single-Wall Carbon Nanotube Ropes due to the Adsorption of Helium Atoms in the Temperature Range 2”.
Journal Nanophotonics 2(1): 1-7.

Link to the article/paper

[https://www.scirp.org/\(S\(351jmbntvnsjt1aadkozje\)\)/reference/referencespapers.aspx?referenceid=708941](https://www.scirp.org/(S(351jmbntvnsjt1aadkozje))/reference/referencespapers.aspx?referenceid=708941)

5. “Phonon Distribution of Aligned Multi-Walled Carbon Nanotubes. Carbon Nanotubes, Graphene, and Associated Devices III”
Proc. of SPIE 7761.

Link to the article/paper

<https://www.spiedigitallibrary.org/conference-proceedings-of-spie/7761/77610T/Phonon-frequency-distribution-function-of-aligned-mutiwalled-carbon-nanotubes/10.1117/12.867993.short?SSO=1>

6. “Graphene: Structure and its Properties”.
An International Journal of Education, Research and Innovation 4(1): n.p.
7. “Materials of Daily Life”.
An International Journal of Education, Research Innovation 4(1): n.p.
8. “Mechanics: An Overview of Global Education Society and Development”.
An international Journal of Academicians 6(1): n.p.
9. “Carbon Nanotubes”.
International Educational Research and Development 4(1): n.p.
10. E-Lessons (ILLL) of Thermal Physics titled First Law of Thermodynamics, Maxwell Law of Distribution of Velocities, Root Mean Square Speed and Mean Free Path and Transport Phenomena.
Virtual Learning Environment ILLL 0(0):n.p.
11. “Nanocomputing: The Technology of the Future”.
International Educational Research and Development 3(4): n.p
12. E-Lessons (ILLL) of Mechanics titled Centrifugal Force and Non-Inertial Frame of Reference. Virtual Learning Environment ILLL DU 0(0):n.p.
13. “An Overview: Nanoscience”.

- International Research Journal of Management. Science and Technology* 3(1): n. p.
14. "Phonon Distribution of Aligned Multi-Walled Carbon Nanotubes".
Journal of Nanophotonics 5(1): 1-9.

BOOKS

1. *Engineering Physics Applied Physics-I*.
Delhi: Apple Books, 2015
2. *Trends in Physics Quantum 2015 Proceedings*.
Delhi: Apple Books, 2014
3. *Mechanics*.
Delhi: Apple Books, 2014
4. *CTET (Central Teacher Eligibility Test) Paper-II for Mathematics and Science Teacher Selection (Class VI-VIII)*, 2013
5. *Thermal Physics*.
Delhi: Abha Publicity, 2012
6. *Experimental Physics Vol-I*.
Delhi: Abha Publicity, 2012
7. *Teaching of Basic Science*.
Delhi: Abha Publicity, 2011