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| **FACULTY PROFILE FOR WEBSITE** |
| Name | : | Dr J JAYARUBI |  Photo117 |
| Designation |  | Assistant Professor  |
| Department |  | Physics |
| Educational Qualification |  | Ph.D. PhysicsM. Sc. PhysicsB. Ed Physical ScienceB. Sc. Physics |
| Subject of Interest  | : | Semiconductors  |
| Publications : | : | International – 81. **J. Jayarubi**, A. John Peter and C W Lee, “Electromagnetically Induced Transparency in a GaAs/InAs/GaAs Quantum Well”, Physica B, 550 (2018) 184.
2. **J. Jayarubi**, A John Peter and C W Lee, “Electromagnetically Induced Transparency in a GaAs/InAs/GaAs Parabolic Quantum Well in the External Magnetic Field”, Superlattices and Microstructures, 122 (2018) 9.
3. **J. Jayarubi**, A John Peter and C W Lee, “Electromagnetically Induced Transparency in a GaAs/InAs/GaAs Quantum Well in the Laser Field”, European Journal of Physics D, 73 (3) (2018) 63.
4. I. Mal, **J. Jayarubi**, Subhasis Das, A.S.Sharma, A.John Peter and D.P. Samajdar,, “Hydrostatic Pressure Dependent Optoelectronic Properties of InGaAsN/GaAs Spherical Quantum dots for LASER Diode Applications”, Physica Status Solidi, 256 (3), (2018) 1800395.
5. **J. Jayarubi,** A John Peter and H Belmabrouk, “Electromagnetically Induced Transparency in a group III-V Nano-well for terahertz applications”, Recent Trends in Material Science and Applications, 189 (2017) 329.
6. **J. Jayarubi,** and A. John Peter, “Current density characteristics in the studies of electromagnetically induced transparency in a GaAs/GaAlAs quantum well”, AIP Conference Proceedings, 1832 (1) (2017) 120013.
7. **J. Jayarubi,** and A John Peter, “Optical Linearity Leading to Electromagnetically Induced Transparency in a Two Level System’, Journal of Nanoscience and Technology, 4(2) (2018) 369.
8. **J. Jayarubi,** S. Arumugam and A. John Peter, “Intersubband electromagnetically induced transparency in a GaAlAs/GaAs/GaAlAs Semiconductor Quantum Well”, International Journal of Creative Research Thoughts, 6 (2/314) (2018) 568.
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|  |  | National – Nil |
| Funded Projects  | : | Nil |
| Patents  | : | Nil |
| Awards and Achievements  | : | Nil |
| Google Scholar Link | : | <https://scholar.google.com/citations?user=yGj3ehkAAAAJ&hl=en> |
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