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| **FACULTY PROFILE FOR WEBSITE** | | | |
| Name | : | Dr J JAYARUBI | Photo  117 |
| Designation |  | Assistant Professor |
| Department |  | Physics |
| Educational Qualification |  | Ph.D. Physics  M. Sc. Physics  B. Ed Physical Science  B. Sc. Physics |
| Subject of Interest | : | Semiconductors |
| Publications : | : | International – 8   1. **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. | |
|  |  | 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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