


Faculty Profile

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|--|---|--|---|
| Name | : | Dr. S. VISWESWARAN |  |
| Date of Birth | : | 17.08.1984 | |
| Highest Qualification: | | PH.D | |
| Date of Joining | : | 31.03.2023 | |
| Designation | : | ASSISTANT PROFESSOR | |
| Date of promotion (Present Designation): | | | |
| Area of Interest | : | THIN FILM AND NANOSCIENCE | |
| Mobile No | : | 9384226598 | Email ID : visudharan@gmail.com visweswaran.s@trp.srmtrichy.edu.in |
| Experience | : | Teaching: 8.2 | Industry : - Research: 4 |
| Address (for Communication) | : | 5/3 MEENACHIPURAM, ULUNDURPET – 606107, KALLAKURUCHI DT | |

Association with Professional Bodies

| | | | | |
|--------------------------|-----------|--|--|--|
| Name (Professional Body) | ISTE | | | |
| Type of Membership | LIFE TIME | | | |

Research

| Ph.D Guidance | | | | | |
|--|---|-------------|----------------------|------------------|---|
| Supervisor / Guideship No.: | - | University: | - | No. of Scholars: | - |
| Publication* | | | | | |
| International Journals | : | 3 | National Journals | : | 1 |
| International Conference | : | 1 | National Conference: | | |
| Project Grants (Research projects guided or undertaken / Sponsored Projects) | | | | | |
| Received (Amount) | : | - | Applied (Amount) | : | - |
| Published | : | - | Granted | : | - |

Books

| | | |
|-----------|---|---|
| Published | : | - |
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FDPs/STTPs/Workshops/Seminar etc.,

| FDP | | STTP | | Workshop | | Seminar | | Others | |
|------------|---|------------|--|------------|---|------------|---|------------|--|
| Attended: | 3 | Attended: | | Attended: | 2 | Attended: | 2 | Attended: | |
| Organized: | | Organized: | | Organized: | | Organized: | | Organized: | |

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|-----------------------------------|---|
| Online courses (NPTEL, MOOC etc.) | - |
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***List of Publications:**

1. Structural, morphological, optical and magnetic properties of sprayed NiO thin films by perfume atomizer
S Visweswaran, R Venkatachalapathy, M Haris, R Murugesan
Applied Physics A 126, 1-12
2. Characterization of MgO thin film prepared by spray pyrolysis technique using perfume atomizer
S Visweswaran, R Venkatachalapathy, M Haris, R Murugesan
Journal of Materials Science: Materials in Electronics 31, 14838-14850
3. Mapping of total suspended matter based on sentinel-2 data on the Hooghly River, India
R Premkumar, R Venkatachalapathy, S Visweswaran
Indian Journal of Ecology 48 (1), 159-165
4. Bio-optical studies on chlorophyll-a concentration in Hooghly River, India
R Premkumar, R Venkatachalapathy, S Visweswaran
Materials Today: Proceedings 47, 488-492.
5. Effect of Molarity on the Structural, Morphological, Optical Properties and Magnetic behavior of NiO Thin Films
Premkumar. V , Murugesan .R , Visweswaran. S, Haris .M
Journal of University of Shanghai for Science and Technology, Volume 24, Issue 11, November – 2022,
ISSN: 1007-6735.