**Extension Lecturer in Physics**

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**Refresher Course, methodology workshops, Training, Teaching-Learning-Evaluation Technology Programmes, Soft skills development Programmes, faculty Development Programmes**

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| --- | --- |
| **Faculty Development Programmes/Refresher course** | 26.06.2020 to 27.06.2020 |
| **Reflective Practices in teaching (One Day) WorkShops** | 22.12.2018 |

**Patent & Copyright**

1. **Indian Patent No. 370247-001 “PRECISION CROP MONITORING DRONE”, Dated 02.09.2022 by Indian Patent Office, New Delhi**

**Participation and Papers presented in Webinar /Seminar / Workshop/ Symposia etc.**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Title of the paper presented** | **Presented by** | **Title of the**  **Webinar/Seminar etc. & Organizer** | **Date (s) of the Event** | **International/ National/ State Level** |
| 1 | Nanomaterials and Robotics | Dr. J.P. Sharma | Raja Lakhan Magounda Science Institute | 16.06.2020 | International Webinar |
| 2. | The Importance of Kinematics in Real Life | Dr. J.P. Sharma | GC Birohar (Jhajjar) | 10.09.2022 | National |
| 3. | NEP- 2020 | Dr. J.P. Sharma | Govt College for Women Lakhan Majra, Rohtak | 07.06.2020 | International Webinar |
| 4. | Medical Physics and Beyond | Dr. J.P. Sharma | ST. ALOYSICUS, Mangaluru | 24.06.2020 | National |

**Research papers published in Journals or Conference proceedings:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sr. No.** | **Title of Research Paper** | **Journal, Volume, Year, Page Numbers** | | **Whether refereed/ conference/ Peer Reviewed**  **proceeding** | **ISSN/ISBN**  **No.** | **Whether first/principal/ Co- author/**  **supervisor/**  **mentor or other author** |
| 1 | A Descriptive Analysis of the Shadows Cast by Black Holes | International Journal of Science, Mathematics and Technology Learning | | Science Index/Sci | 2327 - 7971 | Principal  Author |
| 2 | Study of effect of gravimetric moisture contents on dielectric parameters of sand dunes | AIDRJ 2018 , VOL -4 | | Refereed | 2348 - 1323 | Principal  Author |
| 3 | Microwave dielectric study of chemical fertilizers in sand dunes soil at X- band | | JASRAE 2018, VOL - XV | Peer Reviewed | 2230 - 7540 | Principal  Author |