**FACULTY PROFILE**

**(ALL IN BLOCK LETTERS)**

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| Name | JASEERA C P |
| Gender |  | FEMALE |
| Date of Birth (DD/MM/YY) | 18/07/1985 |
| PEN No | 759049 |
| Department | PHYSICS |
| **Qualifications:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl. No. | Degree / Diploma | Subject / Class/ Distinction | Name of the College / University | Year of passing |
| 1 | UG | PHYSICS/DISTINCTION | ST JOSEPH’S COLLEGE DEVAGIRI | 2006 |
| 2 | PG | PHYSICS/FIRST | FAROOK COLLEGE KOZHIKODE | 2008 |
| 3 | Ph.D. | DOING | GOVT ARTS AND SCIENCE COLLEGE KOZHIKODE |  |
| 4 | B Ed | PHYSICAL SCIENCE/FIRST | KEYI SAHIB TRAINING COLLEGE TALIPARAMBA | 2009 |
| 5 | N E T | PHYSICS |  | 2012 |
| 6 | SET | PHYSICS |  | 2010 |
| 7 | M.PHIL | PHYSICS | UNIVERSITY OF CALICUT | 2015 |

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| **Teaching Experience:**

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| --- | --- | --- | --- |
| **Sl No** | **Department** | **Category (Aided / Govt / Other)** | **From – To (Period)** |
| **1** | PHYSICS | GOVT | 2017- |
| **2** |  |  |  |
| **3** |  |  |  |
| **4** |  |  |  |
| Teaching Experience (in present institution) : | 2 YRS |
| Teaching Experience (Outside) : | 5 |
| Total Teaching Experience: | 7 |

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| **Courses / topics taught at this college**

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| **Class** | **Topics** |
| 1UG | MECHANICS |
| 2UG | ELECTRODYNAMICS |
| 3UG | QUANTUM MECHANICS, OPTICS, THERMO DYNAMICS, SOLID STATE PHYSICS |
| 1PG |  |
| 2PG |  |

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| **Orientation Courses/Refresher Courses/other training programmes attended - Academic & General:**

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| --- | --- | --- | --- |
| **Sl No** | **Name of the Course/ Summer/Winter school** | **Duration and Period** | **Sponsoring Agency** |
| 1 | **ORIENTATION PROGRAM** | 1/09/2020-30/9/2020 | TEACHING LEARNING CENTRE RAMANUJAN COLLEGE DELHI |
| 2 | **REFRESHER COURSE IN MATERIAL SCIENCE** | 21/10/2020-6/11/2020 | UNIVERSITY OF CALICUT |
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| **Administrative Experience (Details)** |
| **Positions Held (in the present institute): (Eg: Committee convener / HOD / Director/ Faculty Advisor etc.**

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| Sl No | Name of the position | Period (Duration) |
| 1 | HEAD OF THE DEPARTMENT PHYSICS | 2022- |
| 2 | ATTENDANCE MONITORING COMMITTEE CONVENOR | 2022- |
| 3 | DISCIPLINE COMMITTEE CONVENOR | 2023- |
| 4 | STUDENTS FOR SOCIETY CONVENOR | 2023- |

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| **Papers published in journals/Books and Book Chapters**

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| --- | --- | --- | --- | --- | --- | --- |
| Sl No | Author(s) | Name of the Journal/Book | Year, Vol. and Issue number | Title | Place | Publisher and Impact Factor |
| 1 | JASEERA CP, AYSHA MUHSINA K,THASNEEM A R | Optik - International Journal for Light and ElectronOptics | <https://doi.org/10.1016/j.ijleo.2024.171899> | Nonlinear eigen modes in optical media supported by cubic and quintic nonlinearities with Parity-Time symmetric hyperbolic complex potential |  | ELSEVIER IF:3.1 |
| 2 |  |  |  |  |  |  |
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| **Papers Presented in Conference/Seminar/Workshop**

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| **Sl No** | **International / National / State level** |  **Year** | **Title of paper** | **Sponsoring Agency** |
| **1** | **INTERNATIONAL** | **2015** | **Two-dimensional spatial Solitons in a medium with Nonlinear dissipation and Parametric Gain** | **(ICOPMA-2015) february 27-28 Sastra University, Tanjavoor)** |
| **2** | **INTERNATIONAL** | **2023** | **Stability of dark solitons in optical system supported by cubic and quintic nonlinearities along with PT-symmetric Scarff II complex potential** | ***INTERNATIONAL CONFERENCE ON OPTICS , PHOTONICS & QUANTUM INFORMATION (OPTIQ-2023)* held at Cochin University , Kerala** |
| **3** |  |  |  |  |

 |
| Residential Address | NOOTHAN, FAROOK COLLEGE (PO) , KOZHIKODE , 673632 |
| Mobile | 9656619638 |
| Email ID | JASEEMIDHUNSHAH@GMAIL.COM |