**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 | | | | |
| **Teaching Experience:**   |  |  |  |  | | --- | --- | --- | --- | | **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 | | | | |
| **Courses / topics taught at this college**   |  |  | | --- | --- | | **Class** | **Topics** | | 1UG | MECHANICS | | 2UG | ELECTRODYNAMICS | | 3UG | QUANTUM MECHANICS, OPTICS, THERMO DYNAMICS, SOLID STATE PHYSICS | | 1PG |  | | 2PG |  | | | | |
| **Orientation Courses/Refresher Courses/other training programmes attended - Academic & General:**   |  |  |  |  | | --- | --- | --- | --- | | **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 | | 3 |  |  |  | | 4 |  |  |  | | 5 |  |  |  | | | | |
| **Administrative Experience (Details)** | | | |
| **Positions Held (in the present institute): (Eg: Committee convener / HOD / Director/ Faculty Advisor etc.**   |  |  |  | | --- | --- | --- | | 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- | | | | |
| **Papers published in journals/Books and Book Chapters**   |  |  |  |  |  |  |  | | --- | --- | --- | --- | --- | --- | --- | | 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 |  |  |  |  |  |  | | 3 |  |  |  |  |  |  | | 4 |  |  |  |  |  |  | | 5 |  |  |  |  |  |  | | 6 |  |  |  |  |  |  | | | | |
| **Papers Presented in Conference/Seminar/Workshop**   |  |  |  |  |  | | --- | --- | --- | --- | --- | | **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** |  |  |  |  | | | | |
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