

Dr. Adon Jose



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OBJECTIVES

To establish a challenging and responsible teaching and research career where my skills, knowledge and dedication could be utilized effectively enabling me to contribute positively to the organization and the global society.

EDUCATION

- | | | |
|---|------|-----------|
| • Ph. D. (Physics) | | (2019-22) |
| Mahatma Gandhi University, Kottayam, India | | |
| Thesis Title: “ Luminescent characteristics and energy transfer mechanism of Eu³⁺/Nd³⁺/Er³⁺/Sm³⁺/Dy³⁺ activated multicomponent borosilicate glasses ” | | |
| Supervising Guide: Prof. (Dr.) P. R. Biju | | |
| • M.Phil. (Physics) | 88 % | 2015-16 |
| Mahatma Gandhi University, Kottayam, India | | |
| • M.Sc. (Physics) | 83 % | 2012-14 |
| Mahatma Gandhi University, Kottayam, India | | |
| • B.Sc. (Physics) | 84 % | 2009-12 |
| Mahatma Gandhi University, Kottayam, India | | |
| • Class XII (Science) | 82 % | 2009 |
| St.Peter’s H.S.S. Elanji, Ernakulam, India | | |
| • Class X | 88% | 2007 |
| St.Peter’s H.S.S. Elanji, Ernakulam, India | | |

TEACHING/GUIDING EXPERIENCE

- Worked as an Assistant professor on contract at St. Stephen’s College, Uzhavoor, Kottayam, Kerala, India from 08-11-2021 to 04-08-2023.
- Worked as a Guest lecturer in the PG department of Physics, Devamatha College, Kuravilangad, Kerala, India during the period of 31-06-2017 to 01-06-2018.
- Worked as a Physics teacher in St. Peter’s H. S. S Elanji, Kerala, India during the period of 17-07-2014 to 17-01-2015.
- Mentored 15 Master of Science (M.Sc.) Students for doing projects.

AREAS OF SPECIALIZATION AND EXPERIMENTAL SKILLS

- | | |
|--|---|
| • Phosphors | • Glasses |
| • Rare earth activated luminescent materials | • Photoluminescence |
| • Electrospun nanofibers | • Thin films |
| • Glass lasers | • Energy transfer analysis in luminescent materials |
| • Photonic devices | |

LIST OF PUBLICATIONS

- 1.**Adon Jose**, Krishnapriya T, Twinkle Anna Jose, Cyriac Joseph, N.V. Unnikrishnan, P R Biju, **Scripta Materialia**, **203** (2021) 114088. <https://doi.org/10.1016/j.scriptamat.2021.114088> (I. F=6.0)
- 2.**Adon Jose**, T Krishnapriya, Twinkle Anna Jose, Cyriac Joseph, NV Unnikrishnan, P R Biju, **Ceramics International**, **47** (2021) 6790. <https://doi.org/10.1016/j.ceramint.2020.11.022> (I. F=5.2)
- 3.**Adon Jose**, Subash Gopi, T Krishnapriya, Twinkle Anna Jose, Cyriac Joseph, N V Unnikrishnan, P R Biju, **Materials Chemistry and Physics**,, **261** (2021) 124223. <https://doi.org/10.1016/j.matchemphys.2021.124223> (I. F=4.6)
- 4.**Adon Jose**, Krishnapriya T, Sreeja E, Jeena Rose Jose, Cyriac Joseph, P.R. Biju, **199, Vacuum**, (2022) 110927. <https://doi.org/10.1016/j.vacuum.2022.110927> (I. F=4.0)

5. Adon Jose, T Krishnapriya, Twinkle Anna Jose, Cyriac Joseph, P R Biju, **Journal of Luminescence**, 236 (2021) 118105. <https://doi.org/10.1016/j.ilumin.2021.118105> (I. F=3.6)
6. Adon Jose, T Krishnapriya, Anns George, Twinkle Anna Jose, Cyriac Joseph, NV Unnikrishnan, P R Biju, **Journal of Non-Crystalline Solids**, 562 (2021) 120775. <https://doi.org/10.1016/j.inoncrsol.2021.120775> (I. F=3.5)
7. Adon Jose, P Remya Mohan, T Krishnapriya, Twinkle Anna Jose, AC Saritha, NV Unnikrishnan, Cyriac Joseph, P R Biju, **Journal of Material Science: Materials in Electronics**, 31 (2020) 13531. <https://doi.org/10.1007/s10854-020-03909-3> (I. F=2.8)
8. Adon Jose, Krishnapriya T, Twinkle Anna Jose, Saritha AC, Cyriac Joseph, P R Biju, **Luminescence**, 36 (2021) 1422. <https://doi.org/10.1002/bio.4082> (I. F=2.9)
9. Adon Jose, T. Krishnapriya, Jeena Rose Jose, Cyriac Joseph, P. R. Biju, **Physica B. Condensed Matter**, 634 (2022) 413772. <https://doi.org/10.1016/j.physb.2022.413772> (I. F=2.8)
10. Adon Jose, T. Krishnapriya, Anns George, Jeena Rose Jose, P.S. Vijoy, Cyriac Joseph, P. R. Biju, **Chemical Physics Letters**, 792 (2022) 139432. <https://doi.org/10.1016/j.cplett.2022.13943> (I. F=2.8)
11. T Krishnapriya, Adon Jose, Twinkle Anna Jose, AC Saritha, Cyriac Joseph, P R Biju, N. V. Unnikrishnan, **Materials Research Bulletin**, 139 (2021) 111259. <https://doi.org/10.1016/j.materresbull.2021.111259> (I. F=5.4)
12. T Krishnapriya, Adon Jose, Twinkle Anna Jose, Cyriac Joseph, NV Unnikrishnan, P R Biju, **Advanced Powder Technology**, 32 (2021) 1023. <https://doi.org/10.1016/j.appt.2021.02.003> (I. F=5.2)
13. T Krishnapriya, Adon Jose, Jeena Rose Jose, Vijoy P S, Cyriac Joseph, P R Biju, **Materials Science in Semiconductor Processing**, 143 (2022) 106498. <https://doi.org/10.1016/j.mssp.2022.106498> (I. F=4.1)
14. T Krishnapriya, Adon Jose, Twinkle Anna Jose, Rosu Emmanuel, Cyriac Joseph, P R Biju, **Materials Letters**, 295 (2021) 129684. <https://doi.org/10.1016/j.matlet.2021.129864> (I. F=3.0)
15. Anns George, Adon Jose, T Krishnapriya, PR Biju, **Materials Letters**, 300 (2021) 130266. <https://doi.org/10.1016/j.matlet.2021.130266> (I. F=3.0)
16. T Krishnapriya, Adon Jose, Twinkle Anna Jose, E Sreeja, N V Unnikrishnan, P R Biju, **Journal of Material Science: Materials in Electronics**, 31 (2020) 22452. <https://doi.org/10.1007/s10854-020-04746-0> (I. F=2.8)
17. Saritha K Jose, Anns George, Adon Jose, Cyriac Joseph, NV Unnikrishnan, P R Biju, **Journal of Material Science: Materials in Electronics**, 32 (2021) 9755. <https://doi.org/10.1007/s10854-021-05634-x> (I. F=2.8)
18. Princy Philip, Tomlal Jose, Adon Jose, Shijo K Cherian, **Luminescence**, 36 (2021) 1032. <https://doi.org/10.1002/bio.4029> (I. F=2.9)
19. Jilu C John, Tina Sebastian, Jincemon Cyriac, Alphonsa Paul, Adon Jose, S Shaji, Saji Augustine, **Journal of Electronic Materials**, 50 (2020) 2800. <https://doi.org/10.1007/s11664-021-08804-z> (I. F=2.1)
20. N Aryapriya, Subash Gopi, T Krishnapriya, Adon Jose, AC Saritha, NV Unnikrishnan, Cyriac Joseph, P R Biju, **Journal of Electronic Materials**, 49 (2020) 3624 <https://doi.org/10.1007/s11664-020-08053-6> (I. F=2.1)
21. Anns George, Adon Jose, T. Krishnapriya, Tony Francis, Cyriac Joseph, P.R. Biju, **Journal of Solid State Chemistry**, 305 (2022) 122625, <https://doi.org/10.1016/j.jssc.2021.122625> (I.F=3.3)
22. T Krishnapriya, P Remya Mohan, Adon Jose, Jeena Rose Jose, Cyriac Joseph, P R Biju, **Materials Chemistry and Physics**, 280 (2022) 125827. <https://doi.org/10.1016/j.matchemphys.2022.125827> (I. F=4.6)
23. Anns George, Saritha K Jose, Adon Jose, Cyriac Joseph, PR Biju, **Optics & Laser Technology**, 151 (2022) 108029. <https://doi.org/10.1016/j.optlastec.2022.108029> (I. F=5.0)
24. E Sreeja, Adon Jose, Anns George, NV Unnikrishnan, Cyriac Joseph, PR Biju **Infrared Physics & Technology** 123(2022)104184, <https://doi.org/10.1016/j.infrared.2022.104184>(I. F=3.3)

25. Anitta Rose Varghese, **Adon Jose**, T Krishnapriya, Anns George, Jeena Rose Jose, Arya Gopinath, Cyriac Joseph, P R Biju, **Journal of Material Science: Materials in Electronics**, 33(2022)20204 <https://doi.org/10.1007/s10854-022-08839-w> (I. F=2.8)
26. Twinkle Anna Jose, T Krishnapriya, Adon Jose, CS Rajesh, Cyriac Joseph, PR Biju, **Journal of Alloys and Compounds**, (2023)171104 <https://doi.org/10.1016/j.jallcom.2023.171104> (I. F=6.2)
27. Jismon Sebastian, Subash Gopi, E Sreeja, **Adon Jose**, T Krishnapriya, P R Biju, **AIP Conference Proceedings**, 2269(2020)30057. <https://doi.org/10.1063/5.0019646>
28. **Adon Jose**, Krishnapriya T, Jeffin George, Akshara Baby, Cyriac Joseph, P.R. Biju, **IOP-Journal of Physics Conference Series**, 2357(2022)012016, <https://doi.org/10.1088/1742-6596/2357/1/012016>
29. **Adon Jose**, T Krishnapriya , Ani Archa Raju, Febina Shah, P R Biju, **IOP Conference Series: Materials Science and Engineering**, 1263(2022)012001, <https://doi.org/10.1088/1757-899X/1263/1/012001>
30. T Krishnapriya, Subash Gopi, **Adon Jose**, NV Unnikrishnan, Cyriac Joseph, PR Biju, **AIP Conference Proceedings** 2783, 050010 (2023), <https://doi.org/10.1063/5.0167072>

THESIS PRESENTATIONS

1. Presented the PhD thesis at **DAE-BRNS National Laser Symposium-31**, 3-6 December, 2022, **IIT Kharagpur**

BOOK EDITOR

1. Abstract Book of **QUAESITIO 2022-23**, Multi-Disciplinary Online International Conference organized by THE RESEARCH CELL & IQAC of St. Stephen's College, Uzhavoor, Kerala, India in Association with Mahatma Gandhi University, Kottayam, Kerala, India, LYNZA Books, **ISBN: 978-81-954430-0-0**

BOOK CHAPTERS

1. **Adon Jose**, T Krishnapriya, P.R. Biju, "Luminescence characteristics and energy transfer dynamics of rare earth ions co-activated borosilicate glasses for solid state lighting applications", *Advanced Materials for Solid State Lighting, Progress in Optical Science and Photonics* 25, https://doi.org/10.1007/978-981-99-4145-2_15 ISBN: 978-981-99-4144-5
2. T Krishnapriya, **Adon Jose**, P.R. Biju, "Potential use of photo-excited phosphors in energy efficient plant lighting", *Advanced Materials for Solid State Lighting, Progress in Optical Science and Photonics* 25, https://doi.org/10.1007/978-981-99-4145-2_14 ISBN: 978-981-99-4144-5

REVIEWERSHIPS FOR INTERNATIONAL JOURNALS

1. Journal of Alloys and Compounds (I. F=6.2)
2. Journal of Non-Crystalline Solids (I. F=3.5)
3. Displays (I. F=4.3)
4. Materials Chemistry and Physics (I. F=4.6)
5. Optical Materials (I.F=3.9)

AWARDS

1. **Ras Al Khaimah Center for Advanced Materials (RAK CAM)**, Ras Al Khaimah, UAE, has awarded student travel grant to attend the International Workshop on Advanced Materials (**IWAM**) 2023.

LINKS

Google Scholar: <https://scholar.google.com/citations?user=EIGnb3UAAAAJ&hl=en>

Research Gate: <https://www.researchgate.net/profile/Adon-Jose-2>

- Total number of publications - 32
- Total number of citations - 276
- h-index - 11
- i10-index - 12