



KHADIR MOHIDEEN COLLEGE
(M.K.N. MADHARASA TRUST WAQF)
ADIRAMPATTINAM



STAFF PROFILE

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|----|--|--|
| 1. | Name | Dr.A.N.VIGNESHWARAN |
| 2. | Gender | MALE |
| 3. | Date of Birth | 10/07/1989 |
| 4. | Designation | ASSISTANT PROFESSOR |
| 5. | Date of Joining in Teaching Profession | 16/06/2017 |
| 6. | Date of joining in our Institution | 16/06/2017 |
| 7. | Address | |
| | Residential | Official |
| | 15,Uluppaikara Street, Orathanadu-614 625 | Asiatant Professor of Physics Khadir Mohideen College Adirampattinam – 614701. |
| 8. | Google Scholar Link | - |
| 9. | Educational Qualifications (from UG level) | M.sc., M.Phil., Ph.D., (SLET) |

| S.No | Examination Passed | College | University | Year of Passing | Class |
|------|--------------------|---|--|-----------------|-------|
| 1. | SSLC | Govt. High School, Pudhur. | Board of Secondary Education | 2004 | I |
| 2. | HSc | Ideal Hr.Sec. School, Anthiyur | Board of Higher Secondary Examinations | 2006 | I |
| 3. | B.Sc. | Sri Pushpam College, Poondi | Bharathidasan University Thirichirapalli | 2008— 2011 | I |
| 4. | M.Sc. | Bishop Heber College, Trichy | Bharathidasan University Tirchirapalli | 2011-2013 | I |
| 5. | M.Phil. | School of Physics, Bharathidasan university, Trichy | Bharathidasan university, Trichy | 2013-2014 | I |
| 6. | Ph.D., | Govt. Arts College, kumbakonam | Bharathidasan university, Trichy | 2015-2018 | - |

10. Teaching experience as on 31-05-2021

U.G: 4 years
P.G: 3 years
M.Phil.: -
Ph.D.: -

- 11. Research Area of Specialization Crystal growth
- 12. Teaching Area of Specialization All UG and PG theory and Practical
- 13. Languages known Tamil and English
- 14. Computer Proficiency
- 15. Research Supervision
 Ph.D.: Awarded- Submitted -
 Pursuing

Details of Ph.D. awarded scholars: Nil

| S.No. | Name of the Scholar | Title of the Thesis | University/College | Date of Viva |
|-------|---------------------|---------------------|--------------------|--------------|
| 1 | | | | |
| 2 | | | | |
| ... | | | | |

Details of Ph.D. thesis submitted scholars: Nil

| S.No. | Name of the Scholar | Title of the Thesis | University/College | Date of submission |
|-------|---------------------|---------------------|--------------------|--------------------|
| 1 | | | | |
| 2 | | | | |
| ... | | | | |

Details of ongoing Ph.D. Scholars: Nil

| S.No. | Name of the Scholar | Title of the Thesis | University/College | Date of Registration |
|-------|---------------------|---------------------|--------------------|----------------------|
| 1 | | | | |
| 2 | | | | |
| ... | | | | |

M.Phil Degree (Year wise from date of joining)

Awarded :NIL

Pursuing :NIL

16. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL)

| S.No. | Title of the Paper & Authors | Journal Name | Vol & Number | Month & Year | Citation index | Impact Factor |
|-------|---|---|----------------------------|--------------|----------------|---------------|
| 1 | Effect of Li and NH ₄ doping on the crystal perfection, second harmonic generation efficiency and laser damage threshold of potassium pentaborate crystals A.N. Vigneshwaran, S. Kalainathan and C. Ramachandra Raja | Journal of Optics and Laser Technology | Vol: 100, pp: 153-156. | March-2018 | 4 | 3.867 |
| 2 | Studies on nonlinear optical ammonium pentaborate crystals A.N. Vigneshwaran, P. Umarani and C. Ramachandra Raja | Journal of Materials Science: Materials in Electronics, | Vol: 28, pp: 1430-1438. | August-2017 | 13 | 2.478 |
| 3 | A study on the linear and nonlinear optical properties of Li and NH ₄ doped potassium pentaborate crystals A.N. Vigneshwaran, P. Paramasivam and C. Ramachandra Raja, | Materials Letters | Vol: 178, pp: 100-103. | April-2016 | 15 | 3.423 |
| 4 | A study on the properties of potassium pentaborate crystals A.N. Vigneshwaran, A. Antony Joseph and C. Ramachandra Raja | Optik | Vol: 127, pp: 5365-5369 | March-2016 | 22 | 2.443 |

17. RESEARCH PAPER PUBLICATIONS (NATIONAL/INTERNATIONAL CONFERENCE PROCEEDINGS)

| S.No. | Title of the Paper & Authors | Name of conference | Vol & Number | Month & Year | ISBN Number |
|-------|------------------------------|--------------------|--------------|--------------|-------------|
| | | | | | |
| | | | | | |

18. Resource Person in State Level / Symposium/ National / International Conferences

19. Papers Presented in State Level / Symposium/ National / International Conferences : **10**

20.Seminars / Conferences / Workshops Organized

21. Seminars / Conferences / Workshops Attended : 15

22. Books Written and Published

23. Member in Editorial Board

24. Reviewer of the following journal

25. Membership in Academic Body/Board of Studies

26. Guest Lecturer

27. Membership of Professional Bodies

28. Details of Major/Minor Research Projects taken so far:

| S.No. | Title of the Project | Funding Agency | Minor/Major | Grant | Period |
|-------|----------------------|----------------|-------------|-------|--------|
| | | | | | |
| | | | | | |

29. Details of participation in extra and co-curricular activities in our and other colleges:

| S.No. | Name of Activity | Period |
|-------|------------------|--------|
| | | |
| | | |

30. Orientation / Refresher/Short Term/MOOC/Other Courses Attended

| S.No. | Name of the Course | Place of the Course | Duration | Period |
|-------|--------------------|-------------------------------------|---|---------|
| 1 | Orientation Course | Himachal Pradesh University, Shimla | 25 th Feb – 23 rd March, 2019 | 28 days |
| 2 | Refresher Course | Sambalpur University, Odisha | 10-23, Feb, 2021 | 14 days |

31. Honors and awards received:

“Best Oral Presentation Award” on 21st National Seminar on Crystal Growth and its Applications, National College, Trichy during 06-08, March, 2017.