

Brief Biodata of A. SURESH KUMAR



PRESENT POSITION

A. Suresh Kumar M.Sc, M. Phil, Ph.D Email: asureshngm@yahoo.co.in

Assistant Professor

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Department of Physics

NGM College,

Pollachi - Coimbatore

TEACHING EXPERIENCE:

NGM College- **2-01-2018 to Till date**

Other institutions – **17 Years**

Total Experience – **18 Years**

ACADEMIC RESPONSIBILITIES:

- Department NIRF Co-ordinator (2018 onwards)
- In-Charge for Students Seminar (2018 onwards)
- In-charge for I Year UG lab (2018-2019)
- Proctor for I Year UG (2018-2019)
- Member, Board of studies B.Sc/M.Sc syllabus - 2018 regulations.
- Co-ordinating with IQAC for NAAC (2018-2019)
- Acted as Internal Quality Auditor in ISO at NGM College from 2018 onwards

RESEARCH CONTRIBUTIONS / EXPERIENCE:

- Sanctioned with a **UGC Research Project – Rs. 4.55 lakhs** (2014 to 2016).
Title: Synthesis of novel phosphor material by hydrothermal method for White LED applications.
- Research Guidance:
M.Phil -1 (Ongoing)
- Member, Organizing Committee –International Conferences- (ICAM & ICSET at PSGCT) – 2
- Organized a National Workshop on Advanced Materials (28th Feb 2014 at PSGCT) – **Co-Convener**.
- Paper Published in International Journal - 2
 - ❖ Influence of calcination temperature on the luminescent properties of E^{u3+} doped CaAl₄O₇ phosphor prepared by Pechini method , **A. Suresh Kumar, R. Arun Kumar et al, Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy** 134 (2015) 283 -287 (**Impact Factor - 2.653**)
 - ❖ Synthesis and optical Characterization of Tm³⁺ doped CaAl₄O₇ near- UV LED- based white light, **A. Suresh Kumar, R. Arun Kumar, et al ,Journal of Luminescence**, 183 (2017) 130-136 (**Impact Factor – 2.693**)
- Presentation in International Conferences – 3.
 - ❖ International Conference on Materials for Advanced Technology (**ICMAT- Singapore – 30th June to 5th July 2013**).
 - ❖ International Conference on Nanomaterials for Frontier Applications, Coimbatore Institute of Technology (10 - 12th July 2013).
 - ❖ International Conference on Advance Materials Science and Technology (ICAMST-2017), Bannari Amman Insitute of Technology, Erode (17- 19th August 2017)
- Presentation in National Conference (Bharthiar University - 2015) -1.
- National Workshop/Conference/Seminar Attended - **31**.
- TEQIP Workshop on “Mechanics in Physics” attended at **IIT Kanpur** (2014).
- Post Graduate Project done at Material Science Division, **IGCAR ,Kalpakkam – 3 Months** (1997 to 1998)
- Membership (Life) of Professional Bodies (ISSS and MRSI) - 2.