




## AALIM MUHAMMED SALEGH COLLEGE OF ENGINEERING

Nizara Educational Campus, Muthapudupet, Avadi IAF, Chennai – 600 055.

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### DEPARTMENT OF PHYSICS

<b>NAME &amp; INITIALS</b>	JUVIN PAULA A	
<b>DESIGNATION</b>	ASSISTANT PROFESSOR	
<b>EDUCATIONAL QUALIFICATION</b>	M.Sc., M.Phil	
<b>EXPERIENCE</b>	4 Years	
<b>DATE OF JOINING</b>	16.08.2018	
<b>EMAIL ID</b>	<a href="mailto:a.juvinpaula@aalimec.ac.in">a.juvinpaula@aalimec.ac.in</a>	
<b>AREA OF SPECIALISATION</b>	PHYSICS, NANOSCIENCE AND NANOTECHNOLOGY	

### EDUCATIONAL QUALIFICATION

DEGREE	BRANCH / SPECIALIZATION	INSTITUTION	UNIVERSITY	YEAR
M. Phil	PHYSICS / NANOSCIENCE	Loyola college	Madras University	2016
M.Sc	PHYSICS	St. Joseph's College	Bharathidasan University	2015
B.Sc	PHYSICS	Holy Cross College	Bharathidasan University	2013

### PROFESSIONAL MEMBERSHIPS

1. ISTE Membership (LM – 134419 ) From February 2022.
2. International Association of Outsourcing Professionals (IAOP) - Membership Confirmation Number: IAOP-75446.
3. Institute of Research Engineers and Doctors (IRED)

### FDP ATTENDED

1. Faculty Development Program on “Quality Practice in Higher Education” organized at Annai Violet Arts and Science College, Chennai, 16th December, 2017.
2. National Level Seven Days Faculty Development Program on “Moodle Learning Management System” in Association with Spoken Tutorial IIT Bombay, MHRD, Government of India, July 2020.
3. Participated and Completed online Workshop on Universal Human values on the theme “Inculcating Universal Human Values in Technical Education” by All Indian Council for Technical Education (AICTE), August 2020.
4. Faculty Development Program on “Laser: Fundamentals and Applications” Organized by Nation programme on Technology Enhanced Learning (NPTEL), IIT Kanpur, India - November 2020.
5. AICTE Training and Learning (ATAL) Academy Online Elementary FDP on “Quantum Computing for Real World Applications” Organized by Vishwakarma Institute of Technology Pune – January 2022.
6. A Two-Day Online Faculty Development Programme on “Condensed Matter Physics organized by Jamal Mohamed College, Trichy, January 2022.

### WORKSHOPS ATTENDED

1. One Day State Level Seminar on Material Science (SSMS – 2014) organized by the Department of Physics, Holy Cross College, Tiruchirappalli, 27th August 2014.
2. Workshop on Spoken English conducted by LB EAAR Matric Hr Sec School, Chennai, 11th November 2016

### WEBINAR ATTENDED

1. International Webinar on “Nonlinear Waves in Physics from Solitary Waves and Solutions to Rogue Waves” organized by Department of Physics, SRM Institute of Science and Technology, Ramapuram, Chennai, 13th May 2020.
2. International Webinar on “Recent Trends in Physics” organized by Department of Physics with Computer Applications & Internal Quality Assurance Cell (IQAC) of St. Joseph’s College (Arts and Science), Kovur, Chennai, 12th June 2020.
3. Webinar on “Advances in Crystal Growth and Nano materials” organized by the Department of Physics, Kamaraj College, Thoothukudi, Tamil Nadu, 18th June 2020.

#### CONFERENCE ATTENDED

1. National Conference on “Advanced Materials (NCAM – 2014)” organized by the Department of Physics & Department of Electronics, St. Joseph’s College, Tiruchirapalli, 24<sup>th</sup> February 2014.
2. National Conference on “Advanced Materials (NCAM – 2015)” organized by the Department of Physics & Department of Electronics, St. Joseph’s College, Tiruchirapalli, 6<sup>th</sup> February 2015.

#### SEMINARS ATTENDED

1. One Day State Level Seminar on Material Science (SSMS – 2014) organized by the Department of Physics, Holy Cross College, Tiruchirapalli, 27th August 2014.

#### PUBLICATION DETAILS

1. **Juvin Paula A**, Suresh Kumar K, Ashwini P, Bhagyalakshmi D, “Synthesis and Characterization of CTAB Capped CdS Nanoparticles”, Journal of Emerging Technology and Innovative Research (JETIR) ISSN: 2349 – 5162, October 2019.
2. Mohamed Hidayathullah A, Suresh Kumar K, **Juvin Paula A**, “Optical Behavior of L-Serine Phosphate, A Semi - organic Improved NLO Single Crystal”, Journal of Emerging Technology and Innovative Research (JETIR) ISSN: 2349 – 5162, December 2021.
3. Sureshkumar. K, A.Mohamed Hidayathullah, Dhanalakshmi C, **Juvin Paula. A**, “Structural, Optical studies of Pure and Sn doped Lanthanum oxide nano particles”, International Journal of Innovative Research in Technology (IJIRT), December 2021.

#### CONFERENCE PUBLICATION DETAILS

3. S. Sharon Tamil Selvi, S. John Philip, **A. Juvin Paula**, T. Amala Josphine Shilpa, S. Jerome Das, J. Mary Linet, “ Facile Hydrothermal Synthesis on PVP Capped ZnS Nanoparticles and its Characterization”, International Conference on Recent Advances in Applied Sciences 11-13, February 2016.
4. H. Joy Prabu, I. Johnson, **A. Juvin Paula**, J. John Basil, “ Green Synthesis of Silver nanoparticles using Aloe vera (*Aloe barbadensis*) Extracts”, International Conference on Smart Materials 2015, Sacred Heart College, Tirupattur. P. 24.

#### ACHIEVEMENT DETAILS

1. Online Certification with **Elite + Silver** on “Laser: Fundamentals and Applications” Organized by Nation programme on Technology Enhanced Learning (NPTEL), IIT Kanpur, India - November 2020.
2. Online Certification with **Elite** on “Introduction to Solid State Physics” Organized by Nation programme on Technology Enhanced Learning (NPTEL), IIT Kanpur, India - April 2019.
3. Academic Proficiency Winner in M.Sc degree Programme
4. Dr. R. Sebastian cash award for Proficiency in All Subjects in Third Semester - M.Sc. Physics
5. Got ‘B’ certificate in NCC.