



Mr. RAJESH R

CONTACT

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EDUCATIONAL QUALIFICATION

- **M.Sc., PHYSICS** from Department of Physics, **Alagappa University**, Karaikudi, Tamil Nadu, India.
CGPA - 8.11
Regular Course – 2 years (2019 – 2021)
- **B.Sc., PHYSICS** from Department of Physics, **St. John's College**, Palayamkottai, Affiliated to Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India.
CGPA - 8.60
Regular Course – 3 years (2016 – 2019)

WORKSHOP PROGRAMME

- ✓ Certificate Course in “**Career Oriented Course in Energy Science**”, - First Class Manonmaniam Sundaranar University, April 2017 – April 2018.
- ✓ Online Workshop Programme on “**SAR Application for flood hazard mapping and monitoring**”, Indian Institute of Remote sensing (IIRS) on 16th of August 2021.
- ✓ Online Virtual Programme on “**2D – QDs: Synthesis and Applications in Electroluminescent diode, Sensor and Solar cell**”, Alagappa University and Brunel University from 2nd of August to 6th of August 2021.
- ✓ Virtual Workshop on “**Challenges in Implementing IOT in Industries**”, Arunai Engineering College on 25th May 2021.
- ✓ Virtual Workshop on “**5G Technologies**”, SNS College of Technology on 25th May 2021.
- ✓ Virtual Workshop on “**IOT using Azure Computing**”, Vaagdevi Engineering College on 27th May 2021.
- ✓ Virtual Workshop on “**Embedded & Real Time Computing Systems**”, Sengamala Thayaar Educational Trust Women’s College on 27th May 2021.
- ✓ Virtual Workshop on “**Renewable Energy Resource**”, Lords Institute of Engineering and Technology on 28th May 2021.
- ✓ Virtual Workshop on “**AI & Machine Learning**”, St. Joseph’s College of Engineering on 29th May 2021.
- ✓ Workshop on Massive Open Online Courses(MOOCs) “**National Mission on Education through Information Communication Technology**” (NME – ICT) Programme, St. John’s College on 19th March 2019.

COMPUTER EDUCATION

- 1) **Advanced Diploma in Java Programming (ADJP)** – Grade A – CSC Computer Education, Tirunelveli - 627002, Tamil Nadu. 23th July 2016 – 23th November 2016.
- 2) **Master Diploma in System Administration (MDSA)** – Grade A – CSC Computer Education, Tirunelveli - 627002, Tamil Nadu. 7th October 2016 – 7th April 2017.

PRESENT POSITION

Junior Research Scientist – Optical Astronomy
Indian Centre for Space Physics, (ICSP)
43 Chalanika Garia Station Road,
Kolkata - 700 084

From Nov 2022

EVENTS PARTICIPATED

Conferences / Seminars :

- I. Conference on “**International Virtual Conference on Recent Trends in Energy Materials (INCRTEM-2020)**” Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 9th September 2020 – 11th September 2020.
- II. Conference on “**International Conference on Advanced Materials For Sustainable Energy and Sensors (INCAMSES-2019)**” Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 16th September 2019 – 17th September 2019.
- III. Seminar on “**Preparation and characterization of nanocomposite membranes based on SPEEK-S-PVdF-co-HFP for PEMFC application.**” By Doctoral Research Scholar Mrs.P.Martina, Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 29th December, 2021.
- IV. Seminar on “**Study on polymer blend membrane for High Temperature Proton Exchange Membrane Fuel Cell (HTPEMFC) application**”. By Doctoral Research Scholar Mr. K. Raja, Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 27th December, 2021.
- V. Seminar on “**Deposition and Characterization of Different Transition Metal (Tm = Fe, Co and Mn) Ions Doped Cu₂O Thin Films for Energy Device Applications.**” By Doctoral Research Scholar Mr.KP.Ganesan, Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 20th December, 2021.
- VI. Seminar on “**Facile Enhancement in proton conductivity of SPEEK using functionalized perovskites - Synthesis, Characterization and application towards proton exchange membrane fuel cells**”. By Doctoral Research Scholar Mr. M. Raja Pugalenti Department of physics, Alagappa University, Karaikudi, Tamil Nadu. 8th December, 2021.

PERCENTAGE IN ACADEMICS

Degree	Institution	Percentage	Year of Graduation
M.Sc., Physics	Alagappa University, Karaikudi, Tamil Nadu, India.	CGPA 8.11 First class with Distinction	2021
B.Sc., Physics	St. John's College, Affiliated to Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu, India.	CGPA 8.60 First class with Distinction	2019
HSC	Pushpalatha Matric HSS, Tirunelveli, State Board of Tamil Nadu, Tamil Nadu, India	76.75 %	2016
SSLC	Christhu Raja HSS, Tirunelveli, State Board of Tamil Nadu, Tamil Nadu, India	87.4 %	2014

PROJECT – POST GRADUATION

POST GRADUATION:

“**Synthesis and characterization of CaCo₂O₄ nanomaterial for supercapacitor application.**” Fuel Cell Energy Lab, under the guidance of Dr.M.Ramesh Prabhu, Assistant Professor, Department of Physics Alagappa, University Karaikudi, Tamil Nadu – 630003. December 2020 – April 2021.

SHORT TERM COURSE

1. NPTEL Certification – Design Thinking A Primer - 83%
2. NPTEL Certification – Structural Analysis of Nanomaterials - 60%
3. GUVI Certification – Game Development using PyGame.
4. GUVI Certification – Step into Robotic Process Automation(SKILL – A – THON)
5. GUVI Certification – Build a Face recognition Application using Python
6. GOOGLE Certificate – The Fundamentals of Digital Marketing
7. GOOGLE Certificate – Google Ads Display Certification

8. ALAGAPPA UNIVERSITY Certification – PYTHON: Beginners Tutorial
9. ALAGAPPA UNIVERSITY Certification – Campus to Corporate: A Bridge Course for Corporate World.
10. GREAT LEARNING – Excel for Beginners, Probability of Data Science, Ethical Hacking.
11. UNITAR – Climate Change from Learning to Action.
12. UNITAR – Fundamentals on REDD+ E – Academy.
13. UNITAR – Green Industrial Policy.
14. WHO – COVID-19 Vaccine Specific Resources.
15. WHO – COVID-19 Mass Gatherings Risk Assessment Training.
16. WHO – Leadership and programme management in Infection Prevention and control (IPC).
17. WHO – Orientation to national deployment and vaccination planning for COVID-19 Vaccines.

SOFT SKILL

- ❖ MS Word, MS PowerPoint, MS Excel, HTML, BASIC CSS, WordPress, BASIC JAVA, BASIC PYTHON.

EXTRA – CURRICULAR ACTIVITIES & ACHIEVEMENTS

- ❖ Certificate of Merit – SDAT SUMMER CAMP Swimming.
- ❖ Certificate in YOUTH RED CROSS (Indian Red Cross Society).
- ❖ Certificate in Vivekananda Academy of Cultural Studies (VACS).
- ❖ Certificate of Merit, Academic Excellence 100% Attendance – BSc PHYSICS (II Year).
- ❖ Certificate in Science Exhibition & National Science Day Programme (EGRL) (IIG, DST).
- ❖ Organizing Head – PHYQUIZ QUIZ CLUB (2018 – 2019).
- ❖ Organizing Head – PLACEMENT CLUB (2018 – 2019).
- ❖ Organizing Head – BEAUTIFICATION CLUB (2018 – 2019).
- ❖ Organizing Committee – International Conference (INCAMSES-2019).

DECLARATION

I hereby declare that the provided information by me is true to the best of my knowledge.

Thanking You,

Place: Tirunelveli

Yours Faithfully,
Rajesh. R