

# INDIAN SUMMER SCHOOL ON CRYSTAL GROWTH

(ISSCG-2020)

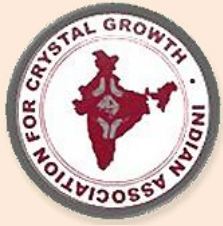
in association with

**Indian Association for Crystal Growth (IACG)**

**14-23 May 2020**

Organized by

**SSN Research Centre, SSN Institutions (Autonomous)  
Chennai-603110, Tamil Nadu, India**



## CERTIFICATE OF PARTICIPATION

ISSCG/May 2020/CP073

This is to certify that

**Dr. P. Anandan, Assistant Professor**

**Department of Physics, Thiru Kolanjiappar Government Arts  
College, Vriddhachalam, Tamil Nadu, India**

has actively participated in the

**Indian Summer School on Crystal Growth (ISSCG-2020)**

Organized by

**SSN Research Centre, SSN Institutions (Autonomous)  
Chennai-603110, Tamil Nadu, India**

in association with

**Indian Association for Crystal Growth (IACG)**

during 14-23 May 2020

**Prof. P. Ramasamy**

President, IACG & Chairman, ISSCG-2020

**Dr. Muthu Senthil Pandian**

Convener, ISSCG-2020

**Dr. M. Srinivasan**

Convener, ISSCG-2020

**Dr. B. S. Sreeja**

Co-Convener, ISSCG-2020



# G.T.N. Arts College (Autonomous)

Affiliated to Madurai Kamaraj University  
(Accredited by NAAC with 'B' Grade)  
Dindigul -624005, Tamil Nadu



## Certificate of Participation

This is to certify that

**Dr. P. Anandan**

has eagerly participated in the webinar on **"Micro & Nanotechnology and its Applications"** organized by Department of Physics, G.T.N. Arts College (Autonomous), Dindigul on 14.05.2020 (Thursday).

Organising secretary

Principal



# RATHINAM COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)

(Affiliated to Bharathiar University, Re-Accredited by NAAC with 'A' Grade,  
Approved by AICTE and Recognized by UGC under section 2f & 12B)  
Rathinam Techzone Campus, Pollachi Road, Eachanari P.O, Coimbatore -641 021



## National Level Webinar on "Entrepreneurial Challenges & Opportunities" Certificate

This is to Certify that Dr./Mr/Ms./ **Dr. P. Anandan**  
has Participated as a Delegate in the National Webinar on  
"Entrepreneurial Challenges & Opportunities" on 20th May 2020 organized by  
Entrepreneurial Development Club.

Date: 20 / 05 / 2020

  
**Coordinator**  
**Ms. Gowri**  
(Asst. Prof)

  
**Head of the Department**  
**Dr. G Gabriel prabhu**

  
**Principal**  
**Dr. R. Muralidharan**



# Nehru Arts and Science College(Autonomous)Coimbatore-105



(Affiliated to Bharathiar University, Coimbatore,  
Accredited with 'A' grade by NAAC)

E-Quiz On Prove Your Proficiency

*This is to certify that Mr/Mrs/Dr Dr. P. Anandan, Assistant Professor has enthusiastically participated in the E-quiz 'Prove Your Proficiency', organised by the PG & Research Department of English, Nehru Arts and Science College, Coimbatore during the 'Covid 19' lock down.*

**Mr. N. Ramesh Kumar**  
Organizer

**Dr. R. Malathi**  
HoD

**Dr. B. Anirudhan**  
Principal

E-certificate, no signature needed



# Thiagarajar College, Madurai

(Re-Accredited with "A" Grade by NAAC)  
Affiliated to Madurai Kamaraj University, Madurai  
34<sup>th</sup> Ranked in NIRF-2019  
Tamilnadu, India



and

**MING CHI UNIVERSITY OF TECHNOLOGY, NEW TAIPEI CITY, TAIWAN**

(An International Research Collaboration)

## Certificate of Participation

This is to certify that **Dr. P. Anandan, Thiru Kolanjiappar Government Arts College** participated in the International level COVID-19 PANDEMIC WEBINAR on FUNCTIONAL NOVEL MATERIALS FOR ELECTROCHEMICAL SENSORS AND ENERGY STORAGE DEVICES on 15<sup>th</sup> May 2020.

Dr. R. SAYEE KANNAN  
Co-ordinator

Dr. A. ELANGOVAN  
HOD

Dr. K. CHELLADURAI  
Resource Person



Dr. CHUN-CHEN YANG  
Director & Resource  
Person

Dr. D. PANDIARAJA  
Principal

Jointly organized by



# WEBINAR SERIES ON CONCEPTUAL AND APPLIED PHYSICS

## • CERTIFICATE OF PARTICIPATION

This is to certify that

Dr. P. ANANDAN

of Thiru Kolanjiappar Government Arts College (Grade I)

has attended the “**Webinar Series on Conceptual and Applied Physics**”, jointly organized by Department of Physics, School of Science, RK University and Department of Nanoscience & Advanced Materials, Saurashtra University, Rajkot during 5<sup>th</sup>-8<sup>th</sup> May 2020.



Dr. Savan Katba  
Webinar Coordinator  
Department of Physics,  
School of Science, RK University



Dr. Ashish Ravalia  
Webinar Co-coordinator  
Department of Nanoscience  
Saurashtra University



# ERODE SENGUNTHAR ENGINEERING COLLEGE



**AUTONOMOUS**

(APPROVED BY AICTE, NEW DELHI AND PERMANENTLY AFFILIATED TO ANNA UNIVERSITY, CHENNAI  
ACCREDITED BY NBA, NEW DELHI, NAAC WITH GRADE 'A' & IE(I), KOLKATA)

PERUNDURAI, ERODE - 638 057, TAMILNADU

## Department of Physics

### CERTIFICATE

OF PARTICIPATION

This is to certify that

**Dr. P. Anandan**

Thiru Kolanjiappar Government Arts College

has actively participated in the Webinar on "**How to write a Research Paper?**" presented  
by **Dr. T. S. Senthil**, Professor and Head, Department of Physics, Erode Sengunthar  
Engineering College, Perundurai, Erode on 15<sup>th</sup> May, 2020

Head of the Department  
Dr. T.S.Senthil

PRINCIPAL  
Dr. V. Venkatachalam

**ESEC**

# International Conference on Advanced Materials for Energy and Environmental Applications (ICAMEA-2020)

20 & 21 February, 2020

*Organized by*

**PG & Research Department of Physics**



**Thiru Kolanjiappar Govt. Arts College (Grade I)  
Vriddhachalam – 606001  
Tamil Nadu, INDIA**

## *About the Institution*

Thiru Kolanjiappar Government Arts College (Grade I), Vriddhachalam was established in the year 1965. The College is affiliated to Thiruvalluvar University. This College offers various courses in Arts, Science and Commerce. It is recognized by University Grants Commission (UGC) and accredited in second cycle with B grade by National Assessment and Accreditation Council (NAAC). This College aims to provide better opportunities to the rural, socially and economically backward students. The mission of the College is to impart quality education by developing competent manpower with high standards that adds positive value to the society. The College has excellent infrastructure with well-equipped facilities for the academic and extracurricular activities.

## *About the Department*

The PG & Research Department of Physics, Thiru Kolanjiappar Government Arts College (Grade I), Vriddhachalam was established in the academic year 1982-1983 with Under Graduate Programme in Physics. Post Graduate Programme in Physics was started in the academic year 2013-2014. The Department has been recognized as a Research Centre by Thiruvalluvar University, Vellore from 2015 and in the same academic year, M.Phil. Course in Physics was started. At present, 14 Research Scholars have registered for their Ph.D. Degree, both under Full-time and Part-time modes. This Department has produced eminent personalities in various fields. The faculty members have expertise in almost all areas of Physics.

## *About the Conference*

This Conference is organized by the PG & Research Department of Physics, Thiru Kolanjiappar Government Arts College(Grade I), Vriddhachalam.

The conference will be highly beneficial to the Researchers who are working in various fields of Materials Science. The ultimate goal of the conference is to give a basic understanding and exposure about the recent developments in Materials Research and their applications, especially to young Researchers. The conference includes key note/invited lectures by eminent experts from various institutions in India and abroad and Oral/Poster presentations by the participants.

## *Focussing Areas*

*The following thrust areas are to be covered but not limited to:*

- **Crystal Growth**
- **Crystallography**
- **Thin films**
- **Spectroscopy**
- **Nanoscience and Nanotechnology**
- **Thermoelectric Materials**
- **Solar Cells**
- **Nonlinear Dynamics**
- **Simulation and Modelling**

## *Abstracts*

The abstracts are limited to single page including figures, tables or references, if any. Key words should be provided and are limited to four. The title of the abstract should be in Times New Roman font with size 14. The Authors' names should be in font size 12. The affiliations should be in font size 10. The content of the abstract should be in font size 12 with a line spacing of 1.5. Abstracts are to be sent to: [icamea2020@gmail.com](mailto:icamea2020@gmail.com).



## Organising Committee

### Patron

**Prof. G. Rajavel**

Principal, TKGAC

### Co-Patron

**Ms. S. Mugunda Kumari**

Head, Department of Physics, TKGAC

### Convener

**Dr. P. Anandan**

Department of Physics, TKGAC

### Co-Convener

**Dr. P. Shanmugha Sundaram**

Department of Physics, TKGAC

### Organizing Secretaries

**Dr. R. Murugesan**

**Dr. K. Velvizhi**

Department of Physics, TKGAC

### Co-ordinators

**Dr. K. Veeramuthu**

**Dr. G. Helen Ruth Joice**

**Dr. K. Vallalperuman**

**Ms. M. Anitha**

**Dr. P. S. Ramesh**

**Dr. N. Sundaramurthy**

**Dr. G. Viruthagiri**

**Dr. R. Ezhil Pavai**

**Ms. S. Gajalakshmi**

**Dr. R. Sridhar**

Department of Physics, TKGAC

### Registration Fee

PG Students: Rs.500/-

Research Scholars: Rs.750/-

Faculty Members: Rs.1500/-

Foreign Delegates: Rs.7000/-

### For Further Details,

Contact

**Dr. P. Anandan**

Convener, ICAMEA-2020

+91-9443809583

## Scientific Advisory Committee

### International

**Prof. P. Ramasamy**, SSN College of Engineering, India

**Prof. Yasuhiro Hayakawa**, RIE, Shizuoka University, Japan

**Prof. Satoshi Uda**, IMR, Tohoku University, Japan

**Prof. K. Kalyanasundaram**, SFIT, Switzerland

**Prof. Ajayan Vinu**, The Univ. of Newcastle, Australia

**Prof. Kozo Fujiwara**, IMR, Tohoku University, Japan

**Prof. Ioannis Sarris**, University of West Attica, Greece

**Prof. John V. Kennedy**, Mac Diarmid Institute, New Zealand

**Dr. R. R. Sumathi**, Ludwig-Maximilians-Univ., Germany

**Dr. R. Sankar**, National Taiwan University, Taiwan

**Dr. S. Anbu**, University of Hull, UK

### National

**Prof. P. Kolandaivel**, Periyar University, Salem

**Prof. M. N. Ponnuswamy**, University of Madras, Chennai

**Prof. S. Gunasekaran**, St. Peter's University, Chennai

**Prof. D. Velmurugan**, University of Madras, Chennai

**Prof. R. Rajasekaran**, AVASC, Thiruvannamalai

**Prof. J. Kumar**, Anna University, Chennai

**Prof. S. Ganesan**, Anna University, Chennai

**Prof. R. Jayavel**, Anna University, Chennai

**Prof. S. Balakumar**, University of Madras, Chennai

**Prof. G. Ravi**, Alagappa University, Karaikudi

**Prof. K. Sankaranarayanan**, Alagappa University, Karaikudi

**Prof. G. Anbalagan**, University of Madras, Chennai

**Prof. Rita John**, University of Madras, Chennai

**Prof. D. Rajan Babu**, VIT University, Vellore

**Dr. G. Vaitheeswaran**, University of Hyderabad, Hyderabad

**Dr. M. Arivanandhan**, Anna University, Chennai

**Dr. K. Gunasekaran**, University of Madras, Chennai

**Dr. R. Mohan Kumar**, Presidency College, Chennai

**Dr. V. N. Mani**, C-MET, Hyderabad

**Dr. N. Vijayan**, National Physical Laboratory, New Delhi

**Dr. S. Ganesamoorthy**, IGCAR, Kalpakkam

**Dr. K. Thangaraju**, NIT, Warangal

### Important Dates

Last Date for Submission of Abstracts: 31-01-2020

Last Date for Payment of Registration Fee: 15-02-2020

## International Conference on Advanced Materials for Energy and Environmental Applications (ICAMEA-2020)

20 & 21 February, 2020

### Registration Form

Name :  
Designation :  
Department :  
Address :  
  
Category : Student/ Scholar/ Faculty  
Mobile No :  
Email :  
Mode of Participation : Participant/Oral/Poster  
Title of the Paper :  
  
Mode of Payment : Online/Cash  
Signature :

### Online Payment Particulars\*

Account No. : 108801000014551  
Name : PRINCIPAL  
Bank and Branch : IOB, Vriddhachalam  
IFSC No. : IOBA0001088

\*For online payments, Reference No. and Author name should be sent to conference mail ID.

FACULTY DEVELOPMENT PROGRAM ON  
**Nanomaterials for Energy Harvesting  
and Biomedical Applications**

18<sup>th</sup> to 22<sup>nd</sup> May, 2020



# CERTIFICATE

## OF PARTICIPATION

Certified that **Dr. P. ANANDAN** from **Thiru Kolanjiappar Government Arts College (TKGAC)** has participated in the One Week Faculty Development Program on "**Nanomaterials for Energy Harvesting and Biomedical Applications**" organized by Nanomaterials for Photovoltaic and Biomaterials Laboratory (NPBL), Department of Humanities and Basic Sciences, from 18-05-2020 to 22-05-2020 at **Godavari Institute of Engineering and Technology (AUTONOMOUS)**, Rajamahendravaram, Andhra Pradesh, INDIA.

*Anis Kumar*

COORDINATOR

*V. S. Th*

COORDINATOR

*V. Kusuma Kumari*

DEAN-HBS

*[Signature]*

PRINCIPAL



**NOORUL ISLAM CENTRE FOR HIGHER EDUCATION**  
(Deemed to be University u/s 3 of the UGC Act 1956)

Accredited by NAAC with 'A' Grade

Kumaracoil -629 180, Thuckalay, Kanyakumari District, Tamil Nadu, India.



## Department of Physics

### CERTIFICATE OF APPRECIATION



This is to certify that **Dr. P. Anandan, Assistant Professor of Physics, Thiru Kolanjiappar Government Arts College, Vriddhachalam** has successfully completed the "Talent Physics Quiz" conducted by Department of Physics, & Institution's Innovation Council (IIC) of Noorul Islam Centre for Higher Education, Kumaracoil-629 180, Tamil Nadu on **29-5-2020**.

Certificate ID GAXRLK-CE002214

This is a system Generated Certificate, No Signature is required