

Theni Melapettai Hindu Nadargal Uravinmurai
NADAR SARASWATHI COLLEGE OF ARTS & SCIENCE, THENI



Re - Accredited by NAAC with 'B+' Grade
 Approved under 2(f) and 12(B) Status of UGC
 Permanently Affiliated to Mother Teresa Women's University, Kodaikanal
 An ISO 9001:2015 Certified Institution



DEPARTMENT OF PHYSICS

**A REPORT SUMMARY ON INTERNATIONAL SEMINAR
 ON "ADVANCED TECHNOLOGY IN PHYSICS AND
 MATHEMATICS"**

4th AUGUST 2022

<p style="text-align: center;">Theni Melapettai Hindu Nadargal Uravinmurai</p> <p style="text-align: center;">EXECUTIVE COMMITTEE MEMBERS</p> <table style="width: 100%;"> <tr> <td>Mr.P.M.P.Arulprakasam</td> <td>Mr.K.K.Jeyaram Nadar</td> </tr> <tr> <td>Mr.A.S.G.Dharmarajan, B.A.</td> <td>Mr.M.Kalimuthu, B.A.</td> </tr> <tr> <td>Mr.K.Gnanaprakasam</td> <td>Mr.P.Kannayiram, Ex-Mc.</td> </tr> <tr> <td>Mr.G.N.Jawahar</td> <td>Mr.B.Ramachandran,MBA.</td> </tr> <tr> <td>Er.R.T.Jawahar, BE.</td> <td>Mr.K.K.Sekar</td> </tr> <tr> <td>Mr.A.S.Jeevagan</td> <td>Mr.G.K.Vijayakumar,B.Com.</td> </tr> </table> <p style="text-align: center;">COLLEGE COMMITTEE MEMBERS</p> <table style="width: 100%;"> <tr> <td>Mr.D.Aathirajan,BBA.,</td> <td>Mr.A.R.Prabhakaran</td> </tr> <tr> <td>Mr.M.Balaji, B.Com.</td> <td>Mr.J.Prabhurathinam</td> </tr> <tr> <td>Mr.K.J.A.Chandrakumar, BBA.,</td> <td>Mr.A.S.R.R.Praveen</td> </tr> <tr> <td></td> <td>Jeikummar,BEM(CA).</td> </tr> <tr> <td>Mr.S.P.Ganesan</td> <td>Mr.P.S.P.K.Rajaram</td> </tr> <tr> <td>Mr.P.Jothimurugan</td> <td>Mr.A.Ramachandran, B.Com.</td> </tr> <tr> <td>Er.A.S.S.N.Karthikeyan, B.E.</td> <td>Mr.V.Ramalingam, BA.,TTC.</td> </tr> <tr> <td>Er.R.Karthikeyan, B.E.</td> <td>Mr.R.Rameshkumar, BEE.</td> </tr> <tr> <td>Mr.S.Lakshmi Narayanan, B.Sc.</td> <td>Mr.T.Vivekanandan, DME.</td> </tr> <tr> <td>Mr.K.Mohan, B.Sc.</td> <td></td> </tr> </table> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;"> <p style="text-align: center;">Transport Facility for Uravinmurai Members</p> <p>Place : Near Uravinmurai Office Time : 9.30 AM</p> </div>	Mr.P.M.P.Arulprakasam	Mr.K.K.Jeyaram Nadar	Mr.A.S.G.Dharmarajan, B.A.	Mr.M.Kalimuthu, B.A.	Mr.K.Gnanaprakasam	Mr.P.Kannayiram, Ex-Mc.	Mr.G.N.Jawahar	Mr.B.Ramachandran,MBA.	Er.R.T.Jawahar, BE.	Mr.K.K.Sekar	Mr.A.S.Jeevagan	Mr.G.K.Vijayakumar,B.Com.	Mr.D.Aathirajan,BBA.,	Mr.A.R.Prabhakaran	Mr.M.Balaji, B.Com.	Mr.J.Prabhurathinam	Mr.K.J.A.Chandrakumar, BBA.,	Mr.A.S.R.R.Praveen		Jeikummar,BEM(CA).	Mr.S.P.Ganesan	Mr.P.S.P.K.Rajaram	Mr.P.Jothimurugan	Mr.A.Ramachandran, B.Com.	Er.A.S.S.N.Karthikeyan, B.E.	Mr.V.Ramalingam, BA.,TTC.	Er.R.Karthikeyan, B.E.	Mr.R.Rameshkumar, BEE.	Mr.S.Lakshmi Narayanan, B.Sc.	Mr.T.Vivekanandan, DME.	Mr.K.Mohan, B.Sc.		<div style="text-align: center;"> <p style="margin: 0;">Theni Melapettai Hindu Nadargal Uravinmurai</p> <p style="margin: 0;">NADAR SARASWATHI</p> <p style="margin: 0;">COLLEGE OF ARTS & SCIENCE</p> <p style="margin: 0;">VADAPUTHUPATTI, THENI - 625531</p> <p style="margin: 0; font-size: small;">Re - Accredited by NAAC with 'B+' Grade Approved under 2(f) and 12(B) status of UGC Permanently Affiliated from Mother Teresa Women's University, Kodaikanal An ISO 9001:2015 Certified Institution</p> <p style="margin: 0;">DEPARTMENT OF PHYSICS And DEPARTMENT OF MATHEMATICS Jointly organizes</p> <p style="margin: 0;">International Seminar On "ADVANCED TECHNOLOGY IN PHYSICS & MATHEMATICS" Date : 04.08.2022 (Thursday) Time: 10.00 am Venue: Kamarajar Arangam</p> </div>
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Inaugural Chief Guest : **Mr.K.S.Kasiprabhu, B.Sc.,** Secretary, NSCAS

Keynote Speakers : **Dr.R.Vijayshankar Ashokan, M.Sc.,Ph.D.,**

Managing Director,

Mullai Academia International Pvt. Ltd., India &

Materials Researcher, University of Limereck, Ireland.

Dr.P.Muthukumar, M.Sc.,M.Phil.,Ph.D.,PDF.,

Assistant Professor, Gobi College of Arts & Science,

Gobichettipalayam.

GIST OF THE PROGRAMME

The technical session I was handled by **Dr. Vijayshankar Ashokan**, Managing Director, Mullai Academia International Pvt. Ltd & Materials Researcher, University of Limereck, Ireland. He delivered the most important points in studying physics, and also he explored all the advanced technology implemented in physics, in particular the microscopy, and also the biggest project in Modern Mathematics. He highlighted the Job opportunities in Physics, which includes,

- **MEDICAL IMAGING**
- **CONDENSED MATTER**
- **GRAVITATIONAL-WAVE INTERFEROMETRY**
- **FOOD SCIENCE**
- **QUANTUM COMPUTING**
- **SURFACE SCIENCE**
- **INSTRUMENTATION AND MEASUREMENT.**
- **LELTS**
- **DAAD**
- **DEUTSCHLAND STIPPEND**
- **ORANGE TULIPS**
- **KTH SCHOLARSHIP**
- **GLOBAL SCHOLARSHIP**
- **UK 75 SCHOLARSHIP**
- **COMMONWEALTH SCHOLARSHIP**
- **CHEVENING SCHOLARSHIP**

The technical session II was handled by **Dr. P. Muthukumar**, Assistant Professor, Gobi Arts and Science College, Gobichettipalayam. He in-depth explained the chaos, the butterfly effect, and he highlighted the most important points in the butterfly effect. which includes,

- **All the theory which connects everything**
- **No act is without consequences for others**
- **In Dynamical systems, the outcome of any process is sensitive to its starting point**

"In chaos theory, the butterfly effect is the sensitive dependence on initial conditions in which a small change in one state of a deterministic non-linear system can result in large differences in a later state." The butterfly effect describes the idea that small things can have non-linear impacts on a complex system.

Beneficiary: UG and PG students of Physics and Mathematics

GLIMPSES OF INTERNATIONAL SEMINAR





