

# GOVERNMENT COLLEGE FOR WOMEN (AUTONOMOUS)

KUMBAKONAM – 612 001

Affiliated to Bharathidasan University

DST - CURIE Sponsored Institution

IV Cvcle of Accreditation



☎ 0435 – 2401391


✉ principal@gcw.ac.in




## MINI WINTER SCHOOL ON “MATHEMATICAL PHYSICS AND STATISTICAL MECHANICS (MPSM)”

**DATE:** 3-10-2018 to 5-10-2018

**SPEAKER:** Dr.M.Senthilvelan,  
Associate Professor,  
School Of Physics,  
Bharathidasan University,  
Tirchirapalli.

<p><b>PROGRAM</b></p> <p><b>DATE: 03.10.2018</b></p> <p>9.30 a.m. Invocation 9.35 a.m. Welcome Address : Dr.R. Radha 9.45 a.m. Key note Address</p> <p><b>Dr. P. CYNTHIA SELVI, PRINCIPAL,</b> Govt. College for Women(Auto), Kumbakonam.</p> <p><b>Dr. A. GURUSAMY, PRINCIPAL,</b> Govt. Arts College (Auto), Kumbakonam.</p> <p>9.55 a.m Felicitation to the Speaker, 10.00 a.m Vote of Thanks: Dr. C. RamachandraRaja, 10.05 a.m Tea Break</p> <p><b>ACADEMIC SESSION-I</b></p> <table><tr><td>10.15 a.m - 11.30a.m</td><td>Session I</td></tr><tr><td>11.30 a.m - 11.45 a.m</td><td>Break</td></tr><tr><td>11.45 a.m - 1.00 p.m</td><td>Session II</td></tr><tr><td>01.00 p.m - 1.45 p.m</td><td>Lunch Break</td></tr><tr><td>1.45 p.m - 3.00 p.m</td><td>Session III</td></tr><tr><td>3.00 p.m - 3.15 p.m</td><td>Tea Break</td></tr><tr><td>3.15 p.m - 4.15 p.m</td><td>Session IV</td></tr></table> <p><b>DATE: 04.10.2018</b></p> <table><tr><td>9.30 a.m - 10.45 a.m</td><td>Session V</td></tr><tr><td>10.45 a.m -11.00 a.m</td><td>Tea Break</td></tr><tr><td>11.00 a.m -12.30 p.m</td><td>Session VI</td></tr><tr><td>12.30 p.m -1.15 p.m</td><td>Lunch Break</td></tr><tr><td>1.15 p.m -2.30 p.m</td><td>Session VII</td></tr><tr><td>2.30 p.m - 2.45 p.m</td><td>Tea Break</td></tr><tr><td>2.45 p.m - 4.00 p.m</td><td>Session VIII</td></tr></table>	10.15 a.m - 11.30a.m	Session I	11.30 a.m - 11.45 a.m	Break	11.45 a.m - 1.00 p.m	Session II	01.00 p.m - 1.45 p.m	Lunch Break	1.45 p.m - 3.00 p.m	Session III	3.00 p.m - 3.15 p.m	Tea Break	3.15 p.m - 4.15 p.m	Session IV	9.30 a.m - 10.45 a.m	Session V	10.45 a.m -11.00 a.m	Tea Break	11.00 a.m -12.30 p.m	Session VI	12.30 p.m -1.15 p.m	Lunch Break	1.15 p.m -2.30 p.m	Session VII	2.30 p.m - 2.45 p.m	Tea Break	2.45 p.m - 4.00 p.m	Session VIII	<p><b>DATE: 05.10.2018</b></p> <table><tr><td>9.30 a.m - 10.45 a.m</td><td>Session IX</td></tr><tr><td>10.45 a.m - 11.00 a.m</td><td>Tea Break</td></tr><tr><td>11.00 a.m - 12.30 p.m</td><td>Session X</td></tr><tr><td>12.30 p.m - 1.15 p.m</td><td>Lunch Break</td></tr><tr><td>1.15 p.m - 2.15 p.m</td><td>Session XI</td></tr><tr><td>2.15 p.m - 2.30 p.m</td><td>Tea Break</td></tr><tr><td>2.30 p.m - 3.30 p.m</td><td>Session XII</td></tr><tr><td>3.30 p.m :</td><td>Valediction</td></tr></table> <p><b>Valedictory Address:</b> <b>Dr. R.S. Sundararajan</b></p> <p><b>ABOUT THE WINTER SCHOOL:</b></p> <p>The School intends to make the concepts of Mathematical Physics &amp; Statistical Mechanics simple in order to remove the fear psychosis from the minds of the post graduate students to pursue higher studies.</p> <p><b>Invited speaker :</b></p> <p><b>Dr. M. SENTHILVELAN,</b> Associate Professor, School of Physics, Bharathidasan University, Tiruchirappalli - 24.</p> <p><b>REGISTRATION FEE</b></p> <table><tr><td>Students / Research scholars</td><td></td></tr><tr><td>Guest Lecturers :</td><td>Rs. 400/-</td></tr><tr><td>Permanent Staff:</td><td>Rs. 600/-</td></tr></table>	9.30 a.m - 10.45 a.m	Session IX	10.45 a.m - 11.00 a.m	Tea Break	11.00 a.m - 12.30 p.m	Session X	12.30 p.m - 1.15 p.m	Lunch Break	1.15 p.m - 2.15 p.m	Session XI	2.15 p.m - 2.30 p.m	Tea Break	2.30 p.m - 3.30 p.m	Session XII	3.30 p.m :	Valediction	Students / Research scholars		Guest Lecturers :	Rs. 400/-	Permanent Staff:	Rs. 600/-	<p>Mini Winter School On <b>“MATHEMATICAL PHYSICS AND STATISTICAL MECHANICS”</b></p> <p>(MPSM-18) OCT 3-5,2018</p>  <p>PG &amp; RESEARCH DEPARTMENT OF PHYSICS GOVT. COLLEGE FOR WOMEN (AUTONOMOUS), KUMBAKONAM- 612 001.</p> <p>In Collaboration with</p>  <p>PG &amp; RESEARCH DEPARTMENT OF PHYSICS GOVT. ARTS COLLEGE (AUTONOMOUS), KUMBAKONAM- 612002.</p> <p>Venue: Seminar Hall, Govt. College for Women (A), Kumbakonam</p>
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## CONVENER

**Dr. R. Radha,**  
Associate Professor & Head,  
PG & Research Department of Physics,  
Govt. College for Women (Auto),  
Kumbakonam.

## ORGANIZER:

**Dr. R. S. Sundararajan**  
Associate Professor & Head,  
PG & Research Department of Physics,  
Govt. Arts College (Auto),  
Kumbakonam.

## Coordination Committee:

Dr. T. Thilagavathi	Mrs. M.V.T. Sumathe
Dr. S. Renuka	Dr. C. Ramachandraraja
Dr. Viruthagiri	Dr. A. Ruby
Dr. G. Akilandeswari	Dr. S. Muthunatesan
Dr. I. Kalaiyarasi	Dr. M. Senthilkumar
Dr. V. Gnanasheela	Dr. S. Ashokraj
Mrs. T. Rathna	Dr. G. Arul
Mrs. C. Kayalvizhi	Dr. B. Samuel Ebenezer
Mrs. B. Jeeva	Dr. K. Panneerselvam
Mrs. Kiruthika	Dr. M. Sivasubramanian
Ms. K. Leelavathi	Mr. R. Mohan
Mrs. R. Selvi	Mrs. K. Suganya

## ABOUT THE THE DEPARTMENT OF PHYSICS,

Govt. College for women (Autonomous), Kumbakonam:

Department of Physics came into being in 1969 to offer undergraduate education in Physics. Initially, it was affiliated to the University of Madras. After the bifurcation of the University of Madras, it was then affiliated to Bharathidasan University, Tiruchirappalli in 1982. M.Sc. Program was started in 2002 and the Department of Physics was given special permission to conduct full time Ph.D. Program by virtue of sponsored research projects. The Centre for Nonlinear Science (CeNSc) which was annexed with the Department has built up a world class reputation with linkages with several leading Institutions/Universities in India & Abroad.

CeNSc has already completed 7 major Research projects funded by DST, UGC, CSIR, DAE-NBHM, etc... The infrastructural facilities available at CeNSc are as good as one comes across leading Research Institutes like The Institute of Mathematical Sciences (IMSc), Chennai, etc., The Department received Rs. 8 Lakhs for PG Assistance from University Grants Commission (UGC) in the XI plan. The Department was recently granted permission to conduct full time/ part time M.Phil. program. The primary focus of the Department is to offer quality education to underprivileged sections of the society.

## ABOUT THE THE DEPARTMENT OF PHYSICS,

Govt. Arts College (Autonomous), Kumbakonam:

Government Arts College (Autonomous) which is also known as Cambridge of South India was established in the year 1854. Under graduate program in Physics was started in the year 1945. PG course in Physics was introduced in the year 1984. Department was

elevated as a Research Department with the introduction of M. Phil and Ph.D in the year 2001. Department has been releasing a Science Magazine by name "SCIENCE EXPRESS" since 2015. All the staff members of the department are doctorates and are engaged in active research in thrust areas like Crystal growth, Vibrational Spectroscopy, Ultrasonics, Biomaterials etc... Our department had the privilege of Sir C.V Raman addressing the inaugural function of Physics association in March 1944. Focus of the department is to make students knowledgeable in Physics which will inspire them to achieve high goals in their life.

## MINI WINTER SCHOOL

ON

"MATHEMATICAL PHYSICS AND STATISTICAL MECHANICS"

(MPSM-18)

OCT 3-5, 2018

**REGISTRATION FORM**

Name

:

Designation :

Institution :

e-mail ID :

Signature of the Candidate  
Mobile No.:

For details contact :

Dr. R. RADHA - 79045 02611

Dr. R.S. SUNDARARAJAN - 98432 56826

Last Date of Registration : 29/09/2018



  
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