

Name of the Programme : **Inauguration of UGC NET/JRF Classes**

Date & Venue : 15/10/2015 , II MSc Mathematics Class

Brief Description of the programme:

Mr. Didimos K V, Assistant Professor, S H College, Thevara inaugurated the UGC NET/JRF Coaching Classes for the PG students of the Department of Mathematics on and delivered a session on Algebra and Analysis.

Number of Participants:

Clear Photographs





Name of the Programme : **MSc Enrichment Programme**

Date & Venue : **30/09/2015**, III BSc Mathematics Class

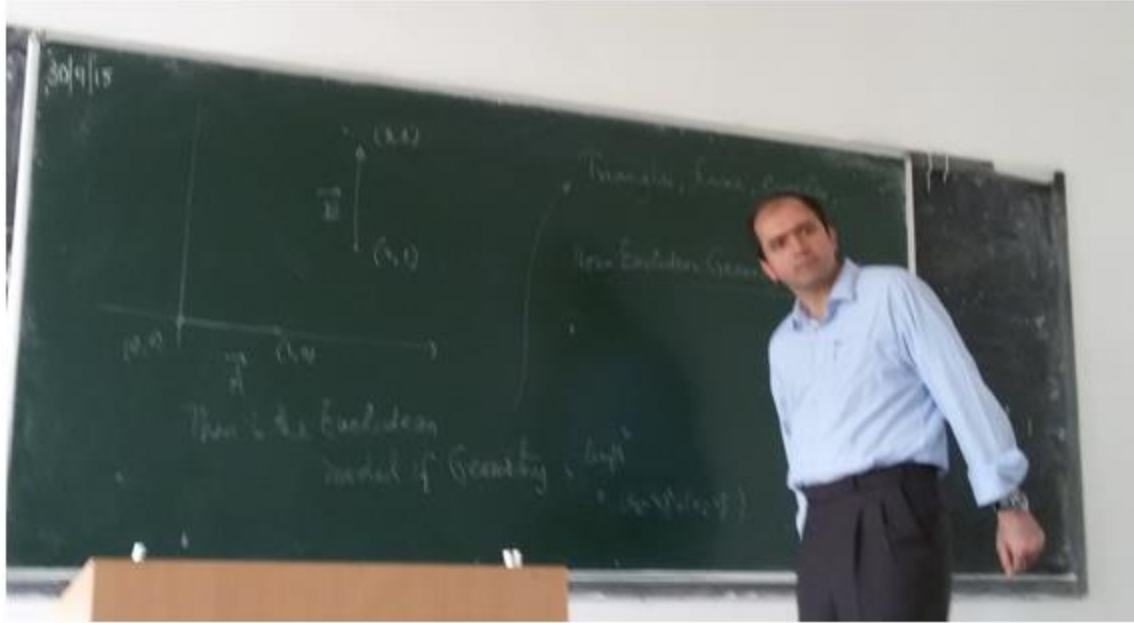
Brief Description of the programme:

The Department of Mathematics organized an MSc Enrichment Programme on 30/09/2015 and the speaker was Dr. Koushal Verma, Associate Professor, Department of Mathematics, Indian Institute of Science, Bangalore. He is a UGC Research Scientist, Core committee member of KVPY, National Fellowship Programme for students interested to research careers.

Number of Participants:

Clear Photographs





Name of the Programme : **INTERACTION WITH JRF AWARDEES FROM CUSAT**

Date & Venue : **04/11/15** , II MSc Mathematics Class

Brief Description of the programme:

The Department of Mathematics, St. Paul's College, Kalamassery organized an interaction meeting for our Post Graduate students with the JRF Awardees Mr. Arunkumar and Mr. Rahul Rajan from Cochin University of Science and Technology. First they shared their method of preparation and cracking the competition. Then, they had discussed some very important areas in Mathematics that have to be given utmost importance to get good score in the NET/JRF examinations

Number of Participants: 25

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Name of the Programme : **EXTENSION PROGRAMME –**

**TEACHING MATHEMATICS FOR LOWER PRIMARY STUDENTS**

Date & Venue : **10/12/15**

PALLILAMKARA LP SCHOOL, Kalamassery

Number of Participants: 10

Brief Description of the programme:

The Post graduate Students of the Department of Mathematics, St. Paul's College, Kalamassery under the leadership of Ms. Regina Margret V J, visited Pallilamkara LP School, Kalamassery which is a nearby institution. Our students taught the students there some easy techniques in mathematics and some interesting puzzles were shown to them to inculcate interest towards the subject Mathematics. The small children actively participated and small gifts were given to them as encouragement. Most of the children there were kids of migrant labourers and hence our students taught them in Hindi too. It was a great experience for our students and they commented that this visit gave them more confidence to take teaching as their career. As the infrastructure of that school was not upto mark, the Department of Mathematics took initiative to contribute some books and study materials.

Our students got a chance to interact with small kids and teach them some elementary mathematics through some games and puzzles. It was a great experience for them. It was a small step to extend our student's teaching skill to the immediate institution in our neighbourhood. Our students commented that this was definitely helpful for them to understand the excitement behind teaching.





Name of the Programme : **NATIONAL SEMINAR ON DISCRETE MATHEMATICS [NSDM 2015]**

Date & Venue : December 15-16, 2015, Seminar Hall, St. Paul's College, Kalamassery

Brief Description of the programme:

The Department of Mathematics, St. Paul's College, Kalamassery organized a UGC Sponsored National Seminar on Discrete Mathematics during December 15-16, 2015.

Ms. Valentine D'cruz, Head of the Mathematics Department welcomed the gathering, the world known Cryptanalyst Prof. C. E Veni Madhavan, IISc Bangalore inaugurated the Seminar and Manager Rev. Fr. Felix Chackalackal presided over the function. Dr. Edwin Xavier, Principal and Prof A. Viajayakumar, CUSAT felicitated the function and Dr. Manju K. Menon, Convenor of the seminar proposed vote of thanks. Prof. C E Veni Madhavan delivered key note address on the topic 'Alan Turing And his Computing Legacy'. The seminar has three sessions. The speakers for the




invited session are Prof. C E Veni Madhavan, IISc, Bangalore, Prof. A. Vijayakumar, CUSAT, Prof. Rameshkumar, Kerala University, Prof. C R Pradeep, CIT, Tumkur. The problem session meant for the post graduate students were handled by two young scientist awardees Dr. Aparna Lakshmanan, St. Xaviers College for Women, Alwaye and Dr. Vishnu Namboodiri, BJM College, Chavara. In the paper presentation session, young researchers presented their findings. About eighty participants outside from our college attended the seminar. The Proceedings of this Seminar was published as a Special Issue of Journal of Pauline Research and Studies 2015 with ISSN 2347-3843.

Number of Participants: 80 from outside college and 30 from our college, so total 110

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<p><b>INVITED SPEAKERS:</b></p> <p><b>Dr. Aparna Lakshmanan,</b> Department of Mathematics, St. Xavier's College for Women, Aluva.</p> <p><b>Prof. C R Pradeep,</b> Department of Mathematics, CIT, Tumkur, Karnataka.</p> <p><b>Dr. Rameshkumar P,</b> Department of Mathematics, University of Kerala, Trivandrum.</p> <p><b>Prof. C E Veni Madhavan,</b> Department of Computer Science and Automation, IISc, Bangalore.</p> <p><b>Prof. A Vijayakumar,</b> Department of Mathematics, CUSAT, Cochin.</p> <p><b>Dr. Vishnu Nambodiri,</b> Department of Mathematics, BJM College, Chavara, Kollam.</p> <p><b>ADDRESS FOR COMMUNICATION:</b></p> <p><b>Dr. Manju K Menon</b> Convener, NSDM -15 Department of Mathematics, St Paul's College, Kalamassery, Kerala - 683503. e.mail:manjumemonk@gmail.com mob phone no: 9846335837</p> <p><b>Important Dates:</b> Last date for paper submission: 05/11/2015 Intimation of acceptance: 30/11/2015</p>	<p><b>REGISTRATION FEE</b> (to be remitted at venue):</p> <p>For students: <b>Rs. 50/-</b></p> <p>For Faculty, Research Scholars &amp; Professionals: <b>Rs. 300/-</b></p> <p>Registration commences in the college at 8:45 AM on 15/12/2015. For early registration, contact the convener.</p> <p>The registration fee does not include accommodation charges. Out station participants who need accommodation will be assisted in finding good accommodation at a walkable distance from the college as per prior request and availability.</p> <p><b>ORGANIZING COMMITTEE:</b></p> <p>Rev. Fr. Felix Chakkalakkal, <b>Manager</b></p> <p>Dr. Edwin Xavier, <b>Principal</b></p> <p>Prof. A Vijayakumar, CUSAT, <b>Academic Advisor</b></p> <p>Ms. Valentine D Cruz, <b>Head, Department of Mathematics</b></p> <p>Ms. Savitha K S Ms. Pramada Ramachandran Dr. Manju K Menon, <b>Convener</b> Ms. Regina Margaret V J Ms. Maya K Ms. Arne Philip Ms. Nisha V M</p>	<p><b>St. Paul's College Kalamassery</b></p>  <p><b>NATIONAL SEMINAR ON DISCRETE MATHEMATICS</b></p> <p><b>15<sup>th</sup> &amp; 16<sup>th</sup> December, 2015</b></p> <p>Sponsored by: <b>University Grants Commission (UGC)</b></p> <p>Organized by: <b>Department of Mathematics, St. Paul's College, Kalamassery</b></p>
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<p>Dear Sir/Madam,</p> <p>The Department of Mathematics, St. Paul's College, Kalamassery is organizing a two day UGC sponsored National Seminar on Discrete Mathematics on 15<sup>th</sup> &amp; 16<sup>th</sup> December, 2015.</p> <p>The 'Problem Sessions' are designed to lead interested Post Graduate students along the path to research.</p> <p>We invite teachers, scientists, research scholars and post graduate students of your institution to attend the seminar. Kindly extend your support and co-operation.</p> <p>With warm regards,</p> <p><b>Dr. Edwin Xavier</b>      <b>Ms. Valentine D' Cruz</b> Principal                      Head</p> <p><b>Dr. Manju K Menon</b> Convener</p> <p><b>ABOUT ST. PAUL'S COLLEGE:</b></p> <p>St. Paul's College, affiliated to Mahatma Gandhi University, Kottayam and run by the Archdiocese of Verapoly, completed 50 years of glorious service in February 2015. It is committed to serve the economically and socially marginalized sections of society, promotes inclusive practices in its academic programmes and strives for intellectual endeavour that looks towards social transformation. The Department of Mathematics was established in 1985 with the commencement of the B. Sc Mathematics Programme and was upgraded to a Post Graduate Department when the M. Sc Mathematics Programme was started in 1995.</p>	<p><b>ABOUT THE SEMINAR:</b></p> <p>The twenty first century has witnessed an unprecedented growth in information technology, transmission and communication techniques. The internet and the world wide web have become daily tools for millions of people. They have also assumed major roles in the development of science and technology.</p> <p>In this context, Discrete Mathematics has proved to be the key for analyzing, understanding and developing the formal theory behind these phenomena.</p> <p>Keeping these facts in mind, and also recognizing the surge of interest in Discrete Mathematics, we have decided to conduct this seminar. This seminar, focusing on Cryptography, Coding Theory, Graph Theory and Number Theory, is primarily intended for the teaching, scientist, student and research communities. We also aim to create an awareness of applications and the scope for research in various areas that come under Discrete Mathematics.</p> <p><b>CALL FOR PAPERS:</b></p> <p>Authors are requested to submit original papers in the area of Discrete Mathematics. Submitted papers should be in Word or pdf format. Papers will be refereed and accepted papers may be presented. Papers may be electronically submitted to <a href="mailto:manjumemonk@gmail.com">manjumemonk@gmail.com</a>, along with a biodata specifying the participant's name, professional details and research experience. The seminar proceedings will be a special issue of The Pauline Journal of Research and Studies (ISSN 2347-3843).</p>	<p><b>National Seminar On Discrete Mathematics</b> <b>15<sup>th</sup> &amp; 16<sup>th</sup> December, 2015</b></p> <p><b>TENTATIVE SCHEDULE</b></p> <table border="1"> <tr> <th colspan="3">15/12/2015, Tuesday</th> </tr> <tr> <td>8.30-10.15</td> <td colspan="2">Inaugural Ceremony</td> </tr> <tr> <td>10.45-11.45</td> <td>Prof. C. E. Veni Madhavan <i>Keynote address</i></td> <td>Alan Turing and his Computing Legacy</td> </tr> <tr> <td>11.50-12.50</td> <td>Dr. Rameshkumar P <i>Session II</i></td> <td>Strongly Connected Automata</td> </tr> <tr> <td>2.00-3.00</td> <td>Prof. C. E. 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Name of the Programme : **Financial Educational Workshop**

Date & Venue : 9th February 2016, III BSc Maths Class

Brief Description of the programme:

Department of Mathematics organized a financial education workshop for the young investors of our department by Dr. Saliamma Job, Trained resource person, financial programme NISM- National Institute of Securities and Management , SEBI-on 9.02.2016.

Number of Participants:

Clear Photographs







