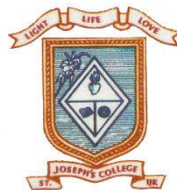


Research Orientation Programme

Organized by

Centre for Research in Mathematical Sciences,
St. Joseph's College (Autonomous), Irinjalakuda



Sponsored by

Kerala State Council for Science, Technology & Environment
(KSCSTE)

Supported by

Department of Science and Technology

Speakers

Dr. E. Krishnan

Former Head of the Department of Mathematics
University College Thiruvananthapuram

Dr. P.B. Vinodkumar,

Professor and Head, Department of Mathematics,
Rajagiri School of Engineering & Technology, Kakkanad

Dr. P. K. Pramod,

Assistant Professor, Department of Mathematics,
Maharaja's College Ernakulam

Fund Sanction Letter



Kerala State Council for Science, Technology and Environment

Dr. Anilkumar C
Principal Scientist and Head
Science Education Division

13-07-2018

No. C-68/NMD/2017/KSCSTE

Sir/Madam,

Sub: - KSCSTE – National Mathematics Day 2017- Celebrations – reg.
Ref: - File No. KSCSTE/146/2018 – NMD

With reference to your proposal, I am happy to inform that KSCSTE has approved to offer financial assistance of **₹10000/-** for organizing the National Mathematics Day (NMD) 2017 celebrations, subject to the following conditions.

1. Programme schedule should be sent to KSCSTE well in advance.
2. Eminent speakers/ experts may be invited to handle the sessions organized in connection with the programme.
3. Though December 22 is observed as National Mathematics Day, the activities in your institution may be organized on any convenient date between July 15 and August 15, 2018. The activities organized after August 15, 2018 will not be considered for financial assistance.
4. Each activity should be documented. Detailed report on the various activities organized in connection with NMD - 2017 along with captioned photographs should be submitted to KSCSTE.
5. KSCSTE should be duly acknowledged in the programme and it should be written in all the brochures, banners, publicity materials, etc. 'Sponsored by Kerala State Council for Science, Technology and Environment' and supported by 'Department of Science & Technology, Govt. of India'.
6. The financial assistance may be utilized to cover the expenditure on organizing expenses, publicity materials, travel expenses, honoraria for resource persons and refreshment. Utilization of the grant for any other purpose other than the approved heads shall not be entertained.
7. On successful completion of the programme, the Head of the Institution should forward the following documents to The Director, KSCSTE - **Final report on the organized programme including necessary photographs, official bank account details of Head of the Institution, audited Statement of Expenditure and Utilization Certificate in the standard format available in the KSCSTE website. Also send soft copy for all**
8. The financial assistance will be disbursed to the Head of the Institution, only after the successful conduct of the programme, subject to the submission of satisfactory report and financial statements.
9. The required documents mentioned above should reach this office as early as possible after the conduct of the programme. However, the documents received after August 30, 2018 will not be entertained for release of payment and such request will be summarily rejected.

Kindly refer the Letter No and File No. in all future correspondence.

Name of the Programme Co-ordinator: Ms. Sherin Jose T

Thanking you,

Yours sincerely


Anilkumar C

To,

The Principal, St.Joseph's College (Autonomous) Irinjalakuda, Thrissur-680121

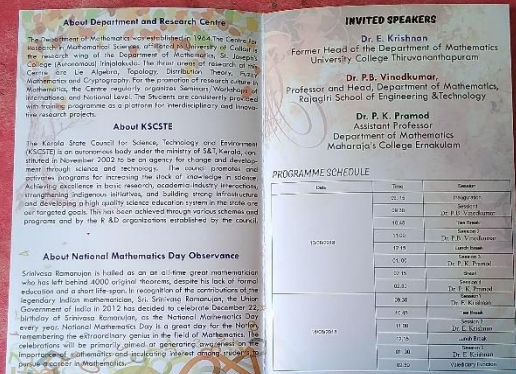
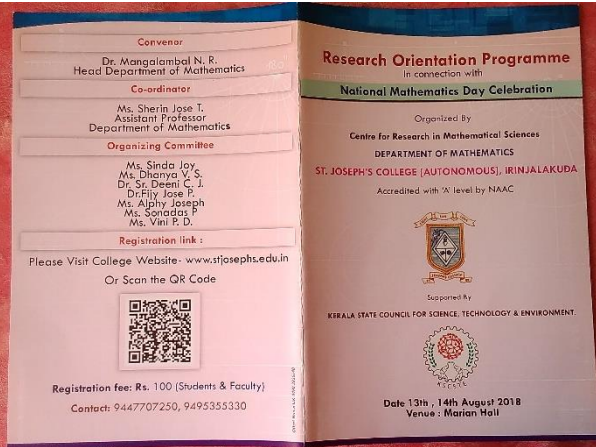
Ms. Sherin Jose T, Assistant Professor, Mathematics, St.Joseph's College (Autonomous) Irinjalakuda, Thrissur-680121.

Sasthra Bhavan, Pattom P.O., Thiruvananthapuram - 695 004, Kerala State, India

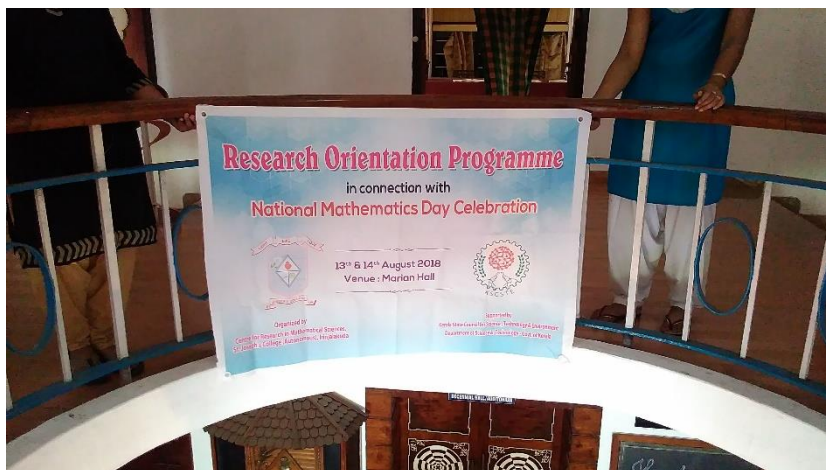
Tel : 0471 - 2548200-09, EVP - 2543557, 2548222, MS - 2534605, 2548220, CoA - 2543556, 2548248

Fax : 0471 - 2540085, 2534605 e-mail : kscste@gmail.com, www.kscste.kerala.gov.in

BROCHURE



Banner



Certificate



Research Orientation Programme was organized in St. Joseph's College (Autonomous) Irinjalakuda, Kerala From 13/08/18 to 14/08/18 in connection with National Mathematics Day Celebrations with the support of Kerala State Council for Science, Technology & Environment (KSCSTE) . Sixty three students and 11 Faculty members of different colleges participated in the programme.

Inaugural Session



Research Orientation Programme was inaugurated in the Marian Hall, St. Joseph's college (Autonomous) Irinjalakuda by Dr. Sr. Isabel (Principal, St. Joseph's College, Irinjalakuda) and Dr. N R Mangalambal (Head, Department of Mathematics, St. Joseph's College, Irinjalakuda) offered a formal welcome.

Report of Course in Brief

Day 1 (13/08/18)

Sessions 1 & 2

Dr. P.B. Vinodkumar,
Professor and Head, Department of Mathematics,
Rajagiri School of Engineering & Technology, Kakkanad



Topic: Topological Spaces

- Geometry in different spaces
- Group of Isometries
- Topological spaces
- Spherical and Euclidean geometry
- Projective geometry

Day 1 (13/08/18)

Sessions 3 & 4

Dr. P. K. Pramod, Assistant Professor,
Department of Mathematics
Maharaja's College Ernakulum



Topic: Probability measure and Stochastic Process

- Probability Theory
- Probability space
- Random process/ Stochastic process
- Markov Chain

Day 2 (14/08/18)

Sessions 1, 2 &3

Dr. E. Krishnan

Former Head of the Department of Mathematics
University College Thiruvananthapuram



Topic : Real Analysis

- Application of Analysis
- Series telescoping
- Series of functions
- Convergence and distance in different metric spaces

Valedictory Session



In the valedictory session the participants shared their experience and Ms. Sherin Jose T proposed formal Vote of thanks. Certificates were distributed by the end of the programme. The programme concluded with a high-tea.

Participant List

Research Orientation Programme -Registration

Dated: 13/08/2018

Sl No.	Name (capital)	Designation	Institution	Sign
1	AFSHAN	Asst. Prof	Tech Institute Of Science & Technology	<i>Afshan</i>
2	AFITHA MOIDEEN A.K	MSc STUDENT	KKTM GOVT COLLEGE, PULLUT	<i>Afitha</i>
3	NICYMOZ	MSc STUDENT	ST. JOSEPHS COLLEGE, IRIJALAKUDA	<i>Nicymoz</i>
4	ATHIRA-J. NAIR	MSc STUDENT	KKTM GOVT COLLEGE, PULLUT	<i>ATH</i>
5	AMRITHA LAKSHMI V.S	MSc STUDENT	"	<i>Amritha</i>
6	Anjana Govind	MSc STUDENT	"	<i>Anjana</i>
7	JASMINA M.K	"	"	<i>Jasmin</i>
8	ASRITHA K.P	"	"	<i>Asritha</i>
9	SOMYA P.T	"	"	<i>Somya</i>
10	ARYA T. LOHITHAKSHAN	"	"	<i>Arya</i>
11	Johnson Abhiam	Asst. Prof	Cent. Polytechnic College Pala	<i>John</i>
12	ATHIRA C.P	MSc STUDENT	KKTM GOVT COLLEGE, PULLUT	<i>Athira</i>
13	JOSNA JAMES	Asst. Prof	St. George's College Aruvithura	<i>Josna</i>

Research Orientation Programme -Registration

Dated: 13/08/2018

Sl No.	Name	Designation	Institution	Sign
14	Seswini B. George	Asst. Prof.	BVM HOLY CROSS COLLEGE, CHERPUNKAL	<i>Seswini</i>
15	Anju Thomas	Asst. Prof.	St. George's College, Aruvithura	<i>Anju</i>
16	Rakeena N.A.	MSc. Maths	Govt. P.K.T.M. College, Kodingallur Pullut,	<i>Rakeena</i>
17	Feroi KJ	MSc Maths	Sacred heart college chalakudy	<i>Feroi</i>
18	SIVA SATHYAN	MSc MATHEMATICS	SACRED HEART COLLEGE, CHALAKUDY	<i>Siva</i>
19	VINNY VARGHESE	MSc MATHEMATICS	SACRED HEART COLLEGE, CHALAKUDY	<i>Vinny</i>
20	Shilpa Moxiya Mathew	MSc Mathematics	SACRED HEART COLLEGE, CHALAKUDY	<i>Shilpa</i>
21	JITHAROSE JOY	MSc MATHEMATICS	SACRED HEART COLLEGE, CHALAKUDY	<i>Jitharose</i>
22	KRIPA JOY	MSc MATHEMATICS	SACRED HEART COLLEGE, CHALAKUDY	<i>Kripa</i>
23	Akshaya Asken	Msc. Mathematics	Sacred Heart College, Chalakudy	<i>Akshaya</i>
24	FIONA CHRISTY S. BABY	Msc. Mathematics	Sacred Heart College, Chalakudy	<i>Fiona</i>
25	BITTEENA CLARANCE	MSc Mathematics	Sacred Heart college, Chalakudy	<i>Bitteena</i>
26	STEPHY JOSE	MSc MATHEMATICS	"	<i>Stephy</i>

Research Orientation Programme -Registration

Dated: 13/08/2018

Sl No.	Name	Designation	Institution	Sign
27	Othira AS	MSc Mathematics	Sacred Heart College chalakudy	<u>[Signature]</u>
28	Rosemol M.D.	MSc Mathematics	Sacred Heart college chalakudy	<u>[Signature]</u>
29	Athira V	MSc Mathematics	Sacred Heart college chalakudy	<u>[Signature]</u>
30	Jessa Thomas	MSc Mathematics	"	<u>[Signature]</u>
31	APORVA JOSEPH	"	ST. JOSEPH'S COLLEGE IJK	<u>[Signature]</u>
32	DEEPIKA SIVASANKARAN	"	ST. JOSEPH'S COLLEGE IJK	<u>[Signature]</u>
33	Anshi Antony	"	St. Joseph's College IJK	<u>[Signature]</u>
34	Minu N. Vijayan	"	"	<u>[Signature]</u>
35	Aparna K.S	"	"	<u>[Signature]</u>
36	Angel Jose	"	"	<u>[Signature]</u>
37	Sandra Mary A-J	"	"	<u>[Signature]</u>
38	Sonija M.J.	"	"	<u>[Signature]</u>
39	Varsha K.S	"	"	<u>[Signature]</u>

Research Orientation Programme -Registration

Dated: 13/08/2018

Sl No.	Name	Designation	Institution	Sign
40	JINCY K.G	Msc student	st. Joseph's college, Irinjalakuda	<u>[Signature]</u>
41	JYOTHY K.N	Msc student	"	<u>[Signature]</u>
42	JELITA JOY	" "	" "	<u>[Signature]</u>
43	VARSHA K.R	Msc student	" "	<u>[Signature]</u>
44	NIKHITHA JOHNY	Msc student	" "	<u>[Signature]</u>
45	FATHIMA SHIRIN MK	Msc student	" "	<u>[Signature]</u>
46	LAVEENA A.J	Msc student	" "	<u>[Signature]</u>
47	LIVEENA A-J	Msc student	" "	<u>[Signature]</u>
48	MICAH P.S	Msc student	" "	<u>[Signature]</u>
49	Greena roy	Msc student	" "	<u>[Signature]</u>
50	Krishnachana M.G.	"	" "	<u>[Signature]</u>

Research Orientation Programme-Registration				Dated: 13/08/2018
Sl No.	Name	Designation	Institution	Sign
51.	Emily Joy	Student	St. Joseph's college Tirunelveli	<i>Emily</i>
52.	Anjitha Baburaj	Student	St. Joseph's College, Tirunelveli	<i>Anjitha</i>
53.	Aleena Theresa Jijo	"	"	<i>Aleena</i>
54.	Reema Joy	"	"	<i>Reema</i>
55.	Marjinal Jose	"	"	<i>Marjinal</i>
56.	Anuradha C	"	"	<i>Anuradha</i>
57.	Surekha P	"	"	<i>Surekha</i>
58.	Nisha Paul	"	"	<i>Nisha</i>
59.	Urmimaya P.R	"	"	<i>Urmimaya</i>
60.	Tulsi Stephen	"	"	<i>Tulsi</i>

Research Orientation Programme-Registration				Dated: 13/08/2018
Sl No.	Name	Designation	Institution	Sign
61	Anliya Joy	Student	St. Joseph's college, IJK	<i>Anliya</i>
62	JAINA E Y	Student	"	<i>Jaina</i>
63	Aarunima .H	"	"	<i>Aarunima</i>
64	SOUTHIMOL TS	"	"	<i>Southimol</i>
65	PRAVEENA PRAKASAN	"	"	<i>Praveena</i>
66	ASWATHY K R	"	"	<i>Aswathy</i>
67	ANJALY P R	"	"	<i>Anjaly</i>
68	Ashiya Suresh	"	"	<i>Ashiya</i>
69	Alphy Joseph	Asst Professor	St. Joseph's college, IJK	<i>Alphy</i>
70	Sonadas P	Guest Lecturer	"	<i>Sonadas</i>
71	Shesha Jose T	Asst. Prof.	St. Joseph's College, IJK	<i>Shesha</i>
72	Sinda Joy	"	"	<i>Sinda</i>
73	Vini P.D	Guest Lecturer	"	<i>Vini</i>

Research Orientation Programme-Registration				Dated: 13/08/2018
Sl No.	Name	Designation	Institution	Sign
74	Dhanu V-S	Asst. Prof	St. Joseph's College, IJK	<i>Dhanu</i>