



VIMALA COLLEGE (AUTONOMOUS), THRISSUR

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Report

Academic Year 2016-2017

Name of the event: National Seminar on Recent Trends in Mathematics

Date: 19th & 20th January 2017

Venue: Silver Jubilee Seminar Hall

Organized by: Department of Mathematics

Collaboration Any: Kerala Mathematical Association

Participants: 61

A two day UGC sponsored National seminar on “Recent Trends in Mathematics” was organized by the Department of Mathematics, Vimala College, Thrissur in association with Kerala Mathematical Association on 19th & 20th January 2017. The focal theme of the seminar was to highlight the recent developments in the field of mathematics and encourage the academicians to pursue research in this area. The seminar provided an effective platform for P.G students, Research Scholars and faculty to discuss about recent trends and developments in this field. The seminar has been structured into an inaugural session, five technical sessions, two paper presentation sessions and a valedictory function. A total of 55 delegates registered and participated in this seminar including 20 faculty members from various colleges.

Inaugural Session.



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The Inaugural Session started with a prayer. Smt. K. L. Swarna, Head, Department of Mathematics, Vimala College formally welcomed the participants.

Dr. Sr. Maries V.L, Principal, Vimala College, Thrissur presided over the inaugural ceremony. In her presidential address she highlighted the need for studying Mathematics and Statistics.

Dr. A Sunny Kuriakose, Professor & Dean, FISAT, Angamaly inaugurated the seminar by lighting the lamp and delivering an inspiring inaugural address. Dr. Parameswaran Sankaran, Professor H, Institute of Mathematical Sciences, Chennai and Dr. A. Nagoorgani, Professor, Jamal Mohammed Autonomous College, Trichy felicitated the function.

Technical Sessions

Dr. Parameswaran Sankaran, Professor H, Institute of Mathematical Sciences, Chennai delivered an elaborate session on congruent numbers. He introduced about The Birch- Swinnerto- Dyer conjecture and elaborated different approaches to solve the same.

The second session was on Fuzzy Optimisation, which was handled by Dr. A Nagoorgani, Professor, Jamal Mohammed Autonomous College, Trichy. In his talk he discussed about optimization problems when the uncertainties are due to randomness or specificity.

Following this session, paper presentation of few participants was conducted. Dr. Sr. Maggie Jose, St. Mary's College, chaired the session. Everyone who were present actively participated and the interaction was so interesting.



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On the second day, 20th of January, Technical session started with a class handled by Dr. A. Sunny Kuriakose, former Research Guide in M.G University who discussed on a few new trends in mathematics which included fuzzy decision making models. Decision making modeling becomes tougher when there are large amount of uncertainties. The session was mind blowing and the delegates and young scholars were very much delighted. The session threw light on the various aspects of the topic and new thoughts enlightened the participants. After the tea break, Technical Session started with the talk of Dr. Krishna M, Assistant Professor, Department of Mathematics, Sree Kerala Varma College, Thrissur on the topic “Semigroup theory”. Relevant matters were selected and the participants paid attention on the matter with great enthusiasm. After this, the session was dispersed for lunch break.

“Fixed Point Theorems and its Applications” was the topic handled by Dr. Lakshmi Sankar, Asst Professor, Department of Mathematics, IIT Palakkad. The session was the reflection of modern trends in mathematics and was found very interesting and motivating.

The Valedictory function started at 2.40 p.m. Dr. Sr. Maries V L, Principal blessed the occasion with her gracious presence. Smt. Swarna K L, Head of the Department of Mathematics, Vimala College, Thrissur honoured the function with her welcome address. She also pointed about the various changes emerging in the field of mathematics.

The Honourable Principal of Vimala College Thrissur Dr. Sr. Maries V.L delivered the Presidential Address in such a humble manner so that each and everyone presented in the function appreciated her with a great applause. She explained the value of mathematics in our day-to-day life. The function came to an end by the distribution of certificates done by Dr.Sr. Maries.V.L., Principal, Vimala College, Thrissur. Vote of thanks was given by Dr. Anjaly Kishore, Convener of the seminar. She sincerely showered thanks to each and everyone present in the meeting. It includes the honourable guests, delegates, participants, students, authorities, Kerala Mathematical Association and her colleagues.

The seminar was so effective. New dimensions were found paving the way to new innovations. There came a change in everyone’s viewpoints. New way of thinking evolved to achieve new goals. The young generation will definitely set their minds to achieve new goals. Vimala College is waiting to see new shining stars up in the sky in the field of mathematics flying from it’s lap.



VIMALA COLLEGE (AUTONOMOUS), THRISSUR

Brochure

Registration form: Name: Designation: Institution: Mailing Address: Email: Phone No: Accommodation needed (Yes/No) Presenting Paper (Yes/No) Place: Date: Signature of the participant		Invited Speakers <ul style="list-style-type: none"> Dr. Parameswaran Sankaran, Professor in Mathematics, Institute of Mathematical Sciences, Chennai. Dr. Nagoor Gani, Professor, Jamal Muhammed College (Autonomous), Trichi Dr. P. Balasubramaniam, Registrar & Professor of Mathematics, Gandhigram Rural Institute- Deemed University, Tamil Nadu. Dr. Vijayalakshmi C., Associate Professor in Mathematics, School of Advanced Sciences, VIT University, Chennai. Dr. Lakshmi Sankar, Assistant Professor, IIT Palakkad. Organizing Committee <p>Dr. Sr. Maries V. L. (Principal) Dr. T. Thiruvikraman (President KMA) Dr. A. Sunny Kuriakose (Academic Secretary, KMA) Dr. Paul Issac (General Secretary, KMA) Smt. K. L. Swarna (HOD of Mathematics) Lt. Thresiamma N. J. (Asst. Professor, Dept of Mathematics) Dr. Anjaly Kishore (Asst. Professor, Dept of Mathematics) Smt. Jincy T. P. (Asst. Professor, Dept of Mathematics) Smt. Siji V.T. (Asst. Prof in Contract, Dept of Mathematics) Smt. Jasna U. S. (Asst. Prof in Contract, Dept of Mathematics) Smt. Dhanya K. P. (Asst. Prof in Contract, Dept of Mathematics)</p>	Vimala College (Autonomous) Thrissur (NAAC Reaccredited (3rd Cycle) at A Grade CGPA of 3.5 on a 4 point scale) UGC Sponsored National Seminar on Recent Trends in Mathematics 19 th & 20 th January 2017 organized by Department of Mathematics Vimala College, Thrissur in association with Kerala Mathematical Association
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How to reach Vimala College
 Vimala College is situated in Cheror, which is 2 kms away from Thrissur town and about 4 kms from Railway station. Nedumbassery Airport is about 47kms from the College. All India Radio, Kerala Police Academy and Thrissur Engineering College are the nearest landmarks of Vimala.

Sir/Madam, <p><i>With great pleasure, we inform you that the Department of Mathematics along with Kerala Mathematical Association is organizing a two - day UGC sponsored National Seminar on 'Recent Trends in Mathematics' on 19th & 20th January 2017.</i></p> <p><i>We cordially invite the Faculty members, Research scholars and Post graduate students of your esteemed institution to this National Seminar.</i></p> <p><i>Yours Sincerely,</i></p> <p>Dr. Sr. Maries V.L. Principal</p> <p>Smt. K. L. Swarna Head, Dept. of Mathematics</p> <p>Dr. Anjaly Kishore Smt. Jincy T. P. Convener Joint Convener</p>		situated in Vilvattom Village, Thrissur Corporation. Bifurcated in 1967 from St. Mary's College, Thrissur, as a degree college, Vimala now offers Under graduate and Post Graduate Courses. It is a Christian college under CMC Management, Thrissur, and belongs to the Nirmala Province. The College is under the religious jurisdiction of the Roman Catholic Bishop of Thrissur. The college is elevated to the autonomous status and awarded the Centre for Potential Excellence by UGC in 2015. The College aims at the pursuit of intellectual and professional excellence, the total formation of girls as much for their own enrichment as for the service of society and the Nation in spirit of Christ.	Objective of the seminar The focal theme of the seminar is to highlight the recent developments in the field of Mathematics and encourage the academicians to pursue research in this area. The academic sessions will consist of invited lectures and paper presentations by researchers. The seminar will provide a platform for teachers, students and researchers to discuss major developments in the field.
About the Departments The Department of Mathematics was established in 1967. It offers PG and UG courses in Mathematics and subsidiaries in various disciplines. The Department strives to maintain high standards of teaching in various areas of Mathematics. Several academic and co curricular ventures are being conducted by the Department.		Call for Papers Original research papers in the areas related to the theme of the seminar are invited for presentation. Abstracts not exceeding 300 words (preferably in word format) may be sent to Dr. A. Sunny Kuriakose (asunnyk@gmail.com) or (math.vimala@gmail.com).	
About the College Vimala College, Thrissur, is a first grade residential women's college affiliated to the University of Calicut. It is		Important dates Submission of abstract: 5 th January 2017 Submission of Full text of the paper: 15 th January 2017	
Kerala Mathematical Association Kerala Mathematical Association was established in 1962. It is committed to propagating and popularizing mathematics education and research in the state. The KMA extends invaluable support to various institutions in organizing seminars, conferences, workshops, training program and in preparing study materials in Kerala and elsewhere. "Bulletin of Kerala Mathematical Association" is an international Research Journal published by KMA biannually.		Registration fee : Nil NB: Kindly ensure your participation on or before January 15, 2017 through e-mail to: math.vimala@gmail.com	

List of Participants

Assessment Period (2016 - 2021)



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Faculty

UGC Sponsored National Seminar on 'Recent Trends In Mathematics'
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REGISTRATION FORM

Sl. No	Name	Designation	Address(Institution)	Whether duty certificate required	Whether Proceedings required	Whether presenting paper	Email ID & Phone No.	Signature
5	Binita. K.M	Asst. Professor	Vidya Academy of Science & Technology	Yes	No	No	9447777423 greenbinita@gmail.com	<i>[Signature]</i>
6	Jiji P J	Asst. Professor	"	Yes	No	No	jiji111@vimala.ac.in 9745931468	<i>[Signature]</i>
7	Dr. FEBERANI JOHN	"	Vimala College Thiruvananthapuram	No	No	No	9447459761	<i>[Signature]</i>
8	HARISH V.N.	Asst. Professor	Stee Kerala Varna College, Thrissur	No	No	No	harish.vn2002@yahoo.co.in harishvn@keralavarna.ac.in	<i>[Signature]</i>

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9	USHA K.K	Asst. Professor	Bazhessi Raja H.S.S College, Malappuram Kannur	Yes	Yes	Yes	ushaunil@gmail.com 9447482749	<i>[Signature]</i>
10	J. RAJA	Asst. Professor	National College, Trichy, Tamil Nadu	Yes	Yes	Yes	rajakodine@gmail.com 989445014	<i>[Signature]</i>
11	KANNAN J	Research Scholar	National College, Trichy, Tamil Nadu	Yes	Yes	Yes	jagran.kannan@gmail.com 0904788613	<i>[Signature]</i>
12	SOMNIA K.	Asst. Professor	St. Mary's College, Thrissur	Yes	No	No	k.somnia@gmail.com 945306949	<i>[Signature]</i>

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13	R. RAMESH KUMAR	Research Scholar	RIASM, University of Madras	Yes	Yes	Yes	rameshkumar13@gmail.com 9884416956	<i>[Signature]</i>
14	PARVATHY K.S	ASSOCIATE PROFESSOR	SI MARY'S GUIDED THRISSUR	YES	YES	NO	parvathy.mah@gmail.com	<i>[Signature]</i>
15	SURUTHI S	Assistant Professor	Stee Kerala Varna College, Perumna	Yes	Yes	No	smuruthis@vimala.ac.in	<i>[Signature]</i>
16	Dr. Jiby Jose	Assoc. Prof.	Vidya Academy of Science & Technology	Yes	Yes	No	jiby.jose@gmail.com	<i>[Signature]</i>

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17	Dr. Krishna M	Assistant Professor	Stee Kerala Varna College, Thrissur	Yes	-	-	krishna.mah@gmail.com	<i>[Signature]</i>
18	Shiny R.A	Asst. Professor	Dept of Mathematics, Vidya Academy of Science & Technology	Yes	-	-	shiny.ra@vidya.ac.in	<i>[Signature]</i>
19	Shobaksharan K.P	Asst. Lecturer	S.D.T. H.S.S Mathikkunnu	Yes	-	-	shobaksharan@gmail.com	<i>[Signature]</i>
20	Smitha Rose C.G	Research Scholar	Christ University Bengaluru	No	Yes	Yes	smitha.rose@gmail.com yes.christianiversity	<i>[Signature]</i>

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21	Ameeha Rahman	Pw student	Sulliamulam Science College, Ariaradi, Poonamparamba P.O. Vengalloor P.O. NIT Calicut	Yes	Yes	Yes	ameecha.rahman@gmail.com 9446151226	<i>[Signature]</i>
22	Mr Marianna Antony	Assistant Professor	Department of Statistics, Little Flower College, Gurnavayur	Yes	Yes	Yes	marianna.antony@gmail.com	<i>[Signature]</i>
23	Tessymol Abraham	Assistant Professor	Dep. of Mathematics, Basilios College Kottayam	Yes	-	No	tessygo@gmail.com	<i>[Signature]</i>
24	K.L. SUPRENA	Associate Professor	Vimala College, Thrissur	-	-	-	suprenatrichur@gmail.com	<i>[Signature]</i>

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1	Jayalakshmi P.R.	Pw student	Stee Kerala Varna College, Thrissur	No	No	No	jayalakshmi.pr@gmail.com 974625875	<i>[Signature]</i>
2	Aiswarya V.M	Pw student	Stee Kerala Varna College, Thrissur	No	No	No	aiswaryavm@gmail.com 7025373674	<i>[Signature]</i>
3	Aparna H.B	Pw student	Stee Kerala Varna College, Thrissur	No	No	No	babuparna3@gmail.com 9449342845	<i>[Signature]</i>
4	Anjana K.L.	Pw student	Stee Kerala Varna College, Thrissur	No	No	No	anjana.kongol@gmail.com 7747615605	<i>[Signature]</i>



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1.	Y. GANDHIMATHI	PG STUDENT	NATIONAL COLLEGE, TRICHY.	-	YES	YES	abarna.mathi@gmail.com 980362718	<i>[Signature]</i>
2.	Vismaya Varghese	P.G STUDENT	ST-MARY'S COLLEGE THRISSUR	YES	NO	NO	Vismaya229@gmail.com 8122210374	<i>[Signature]</i>
3.	Rosemary Jolly	PG Student	St Mary's College THRISSUR		NO	NO	rosemaryjolly@gmail.com 8087779213	<i>[Signature]</i>
4.	Abena Thomas	PG student	St. Mary's college Thiruv		NO	NO	abena.thomas@gmail.com 8017855029	<i>[Signature]</i>

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17	Nasha Komaru	PG Student	Stee Kerala Varma College Thiruv	No	No	No	nashakomaru@gmail.com 9745749393	<i>[Signature]</i>
18	Arjunakrishnan K S	P.G student	Stee Kerala Varma College Thiruv	No	No	No	arjunakrishnan2016@gmail.com 9544141434	<i>[Signature]</i>
19	SREESHMA P.M	P.G student	Stee Kerala Varma college Thiruv	NO	NO	NO	Sreeshma.p.m@gmail.com 9048668335	<i>[Signature]</i>
20	VEENESH	P.G. student	NATIONAL COLLEGE TRICHY	Yes	Yes	Yes	veenesh.veer@gmail.com	<i>[Signature]</i>

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1	Booma Devi	M.Phil student	St. Mary's College Thiruv	No	No	Yes	boomadevi2015@gmail.com	<i>[Signature]</i>
	Vishitha P V	MSC student	St. Mary's college Thiruv	No	No	No	vishithapv@gmail.com	<i>[Signature]</i>
	Sreeja Senthoshkumar V	MSC student	St. Mary's college Thiruv	No	No	No	sjsenthoshkumar@gmail.com	<i>[Signature]</i>
32	Anu C K	M.A. student	St. Mary's college Thiruv	No	No	No	anucik1992@gmail.com 8066429286	<i>[Signature]</i>

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No.	Name	Designation	Address(Institution)	Whether duty certificate required	Whether Proceedings required	Whether presenting paper	Email ID & Phone No.	Signature
	Hithina C.A	student	Tarank College	-	-	Yes	hithina@gmail.com 9145141077	<i>[Signature]</i>
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	Dr. Divya P.R	Asst. Professor	Dept. of Statistics Vimala college, TRICHY	-	-	-	divyaprat@gmail.com	<i>[Signature]</i>
	Joni Mathew	Asst. Professor	Dept. of Statistics Vimala College	-	-	-	joni.j@gmail.com	<i>[Signature]</i>

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Name	Designation	Address(Institution)	Whether duty certificate required	Whether Proceedings required	Whether presenting paper	Email ID & Phone No.	Signature
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K. L. Swathine

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