



The Department in association with IIT Bombay organised the 8th National Conference on “Technology and Innovation in Math Education” (TIME 2017) which was held at Rajagiri School of Engineering and Technology from 7th of December, 2017 to 10th of December, 2017

TIME 2017



beautiful combination of “*Ganith Pandits* and *Ganith Seekers*” who unboundedly delivered their passion for the subject.



DEPARTMENT OF BASIC SCIENCES &

TIME, 'Technology and Innovations in Math Education', is a modest effort to create a platform where math teachers, math educators, technology providers and technology users in math education, could come together and discuss the various aspects of math education at school level. This also gives math teachers to discuss and exchange with each other their ideas and innovations.



The main themes of the conference are follows:

- THEME 1: Use of technology in the mathematics classroom
- THEME 2: Use of innovative teaching aids
- THEME 3: Mathematics Modelling and Applications in School Mathematics
- THEME 4: Mathematics Laboratory Activities
- THEME 5: Mathematics Curriculum and Assessment & Papers on general topics





AWARDS AND RECOGNITION



Rev. Dr-Ing Varghese Panthaloookaran was awarded the CMI Outstanding Achievement Award for his creative and innovative contribution in Pallikutam Mission, on the occasion of CMI Family Day celebrations held at Chavara Hills, Kakkanad on 4th January

LANGUAGE TRAINING FOR FOREIGN STUDENTS

Mr. Vinay Menon, Ms. Lakshmi C and Mr. Ajay Mathew Jose served as course instructors of the English course offered to five visiting foreign students from Sojo University, Japan, a part of the International Leadership Skill Development Programme held from 19th February to 3rd March, 2018.

SEMINARS AND WORKSHOP ATTENDED

Ms.Anju C attended a National Workshop Innovations in Nano world: Neoteric visions and emerging nanotechnologies (INNVENT-2017 organized by IUCND (CUSAT) and ECS Student Chapter from 13th of December 2017 to 15th of December 2017 held at Cochin University of Science and Technology, Kochi

Dr.Deepa.K.Baby attended a National Conference and delivered an invited talk on “.....” at the 5th National Conference on ‘Biopolymers & Green Composites (BPGC 2017) Recent Trends in Biomedical polymers’ organized by CBPST (Centre for Biopolymer Science &Technology) from 15th of December 2017 to 16th of December 2017.

Sr. Alphonsa Thomas, Dr. Deepa K Baby and Ms. Anju C attended the NTAC-2017 - International



Symposium on “New trends in Applied Chemistry” organised by Sacred Heart College, Thevara on 9th of November 2017

Mr. Vinay Menon and Mr. Ajay Mathew Jose attended a Workshop on International Research Methods and Academic skills organised by Dept. of English, St. Teresa’s College, Ernakulam from 8th of August 2017 to 9th of August 2017

Mr. Shyam Sunder Iyer attended GIAN course on “Instability methods in Hydrodynamics’ conducted organised by GIAN at IIT Madras on 18th and 22nd of December 2018.

SEMINARS AND WORKSHOP CONDUCTED

The Department organised a Workshop on Linear Algebra, Graph Theory and Cryptography for KTU Mathematics Faculty which was held at Rajagiri School of Engineering and Technology from 28th of June, 2017 to 30th of June, 2017. The event was coordinated by Dr. Ram Kumar P B Ms.Reya Kuruvila and Mr.Shyam Sunder Iyer coordinated the Maths club day 28th Feb 2017 organised by the department at RSET. The programme was meant to encourage High school and Graduate students.

PAPERS PUBLISHED

Dr.Ramkumar.P.B and Dhanya.P.M published a paper on Document modelling and clustering using Hypergraph in the “International Journal of Applied Engineering Research” 0973-4562 Vol 12, No.10 (2017) P.P 2127-2135

FACULTY AS RESOURCE PERSON

Dr.Vinod Kumar.P.B delivered the following talks:

- “Introduction to Fractals and Coding” in the “National seminar on Discrete Mathematics and Computational Statistics” organized by Devamatha College, Kuruvilangad on 16th August, 2017.
- “From Geometry to Topology” in the State level seminar on “Analysis and Algebra” organized by St. Therasas college, Ernakulam on 26th August, 2017.
- “Topology” at the National seminar on Analysis and Topology organized by Aquinas College, Idakochi on 16th September, 2017.
- “Stability in Dynamical systems” at the National seminar on Stability Theory organized by NIT Calicut 1st November, 2017.



- “Rapid fluctuations and chaos” at the International conference on Dynamical Systems organized by IIT Chennai on 6th November, 2017.
- “Orbit Transitivity and Open set Transitivity” at the National seminar on Graph Theory and its Applications organized by Department of Mathematics , KKTM College, Kodungalloor on 16th November, 2017.
- “What is Topology?” at the State level seminar organized by B C M College, Kottayam on 27th November 2017.
- “Geometry and Topology” at the National seminar on Basics of Analysis Stochastic Process and Topology organized by Department of Mathematics , Maharajas College, Ernakulam, Sponsored by Directorate of Technical Education, Govt. of Kerala on 15th December, 2017.
- “Discrete Dynamical systems and chaos in the STTP “Dynamical Systems and Chaos Theory organized by Department of Mathematics, College of Engineering, Trivandrum, Sponsored by Directorate of Technical Education, Govt. of Kerala held from 4th January to 6th January , 2018.
- “Foundations of Mathematics” at the Regional seminar on Fundamentals of Mathematics organized by Baseliious College, Kottayam on 10th January, 2018.

ORGANIZED TOURNAMENTS

KERALA TECHNOLOGICAL UNIVERSITY INTER ZONE CRICKET TOURNAMAMENT

The Faculty of Physical Education conducted the 1st KTU Inter Zone Cricket tournament at RSET from 15th to 17th November, 2017. Twelve teams from six zones participated in the tournament. College of Engineering, Trivandrum bagged the winner’s trophy and NSS College, Palakkad were the runners-up.





KERALA TECHNOLOGICAL UNIVERSITY D - ZONE CRICKET TOURNAMENT

The first KTU D-Zone Cricket Tournament was conducted at RSET from 7th to 14th November, 2017. The tournament was inaugurated by Tinu Yohannan, former Indian cricketer. Twenty four teams from various colleges participated in the tournament. The RSET team bagged the winner’s trophy and Model Engineering College, Thrikkakara secured the runners-up.



GUIDING STUDENTS TOWARDS SUCCESS

Mr. Rejeesh T.Chacko and Ms. Lisha Paulose accompanied the sports teams of RSET to colleges across Kerala and guided them to success in various tournaments. A glimpse of the successful guidance of the physical education faculty:

The RSET Men’s and Women’s Table Tennis teams were accompanied by Ms. Lisha Paulose to FISAT, Angamaly on 27th of September, 2017, for the KTU D-Zone Table Tennis Championship, where the teams won the first prize.



The RSET Men's Table Tennis team was accompanied by Mr. Rejeesh .T.Chacko to CET, Trivandrum on 28th September, 2017, for the KTU Inter Zone Table Tennis Championship, where the team won the third prize.



Ms. Lisha Paulose accompanied the RSET women's Basketball team to AISAT College, Kalamassery on 15th October, 2017, for the KTU D Zone Basketball Championship, where the team won the first prize.





Mr. Rejeesh .T. Chacko accompanied the RSET Men's and Women's badminton teams to M.A College of Engineering ,Kothamangalam on 13th October, 2017,for the KTU-D Zone Badminton Championship, where the Women's team won the first prize.



He also accompanied the RSET Men's Football team to Adisankara College of Engineering,Kalady on 15th and 16th November 2017, for the KTU D Zone Football Championship.



The RSET Women's Badminton team was accompanied by Ms. LishaPaulose to Toss Academy, Trivandrum on 3rd November, 2017, for the KTU Inter Zone Badminton Championship, where the team won the second prize.



Mr. Rejeesh .T.Chacko and Ms. LishaPaulose accompanied the RSET Women's Basketball team to EranadKnowledge City Technical Campus,Manjeri, Malappuram, from 20th to 23rdOctober 2017, for the KTU Inter Zone Basketball Championship, where the team won the second prize.



The RSET Men's and Women's Volleyball team was accompanied by Ms. LishaPaulose to M.A College of Engineering, Kothamangalam on 13th November, 2017, for the KTU D-Zone Volleyball Championship, where the Women's team won the first prize.



She also accompanied RSET Women's Volleyball team to St. George College, Aruvithura, on 26th November, 2017, for the KTU Inter Zone Volleyball Championship, where the team won the first prize.



The RSET Women's Table Tennis team was accompanied by Ms. Lisha Paulose to CET, Trivandrum on 9th November, 2017, for the KTU Inter Zone Table Tennis Championship, where the team won the second prize.





NEWLY JOINED AND REJOINED FACULTY



Mr. Vinay Menon graduated from Rajagiri School of Engineering and Technology in 2008 with a B. Tech degree in CSE. He then proceeded to work in the software industry for 6 years before completing his Masters in English Literature from IGNOU in 2015. After working for Al - Ameen Arts and Science College, Edathala and Cochin College, Mattanchery in 2015-2016, he joined RSET as a Teaching Assistant in 2016. He has worked in the Basic Science and Humanities since. In August 2017, he joined RSET as an Assistant Professor.



Ragin Ramdas M. completed his bachelor's degree in chemistry, master's degree in chemistry and bachelor's degree in education from Kannur University. In 2012 he acquired University Grants Commission-Junior Research Fellowship and currently he is pursuing his PhD in Vikram Sarabhai Space Centre, Thiruvananthapuram, in the field of 'shape memory polymers realized by click chemistry' under the supervision of Dr. K.S. Santhosh Kumar and Dr. C.P. Reghunadhan Nair. His research interests include Biopolymers, Smart Polymers and their biomedical applications and Polymer synthesis He joined here as an assistant professor in chemistry (01/08/2017).



Mr. Rinku Jacob

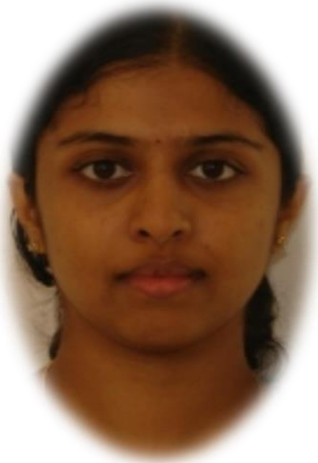
Qualification: M Sc Physics (undergoing PhD)

Nonlinear Dynamics, Astrophysics, Numerical Computation



Ms. Vinmol K Jesudas completed her graduation in Mathematics from St. Teresa's College, Ernakulam and took her M.Sc in Mathematics from S H College, Thevara. Ms. Vinmol K Jesudas also completed B.Ed from St. Joseph Training College for women, Ernakulam. She has been working as Assistant Professor in Mathematics at S H College Thevara for 1.5 years and she has been working at RSET from 2014 to 2017.

She rejoined RSET as Assistant Professor in 2018



Ms. Reny Elizabeth completed her Master of Arts and Master of Philosophy degrees in Economics from Loyola College, Chennai.

She started her teaching career at Loyola College, Chennai. She has been working as Assistant Professor in Economics in the Department of Basic Sciences & Humanities of Rajagiri School of Engineering & Technology, Kochi since 2009 to 2013

Now she has rejoined RSET as Guest Faculty.



Mr. Ajay Mathew Jose completed his M.A in English from The English and Foreign Languages University; Hyderabad. He did his graduation in English Literature from Loyola College, Chennai securing first rank. His areas of interests include Cultural Studies, Film Theory and Comparative Literature.

He joined RSET as a Teaching Assistant in March 2017, and has been working as an Assistant Professor from August 2017.