

**St. Joseph's College of Arts & Science (Autonomous),
Cuddalore.**



PG & Research Department of Mathematics

ASSOCIATION REPORT-2017-2018

ASSOCIATION INAUGURATION

The inaugural of mathematics association combined with lecture on “Impact of Mathematics on various fields” was organized by PG research department of mathematics on 28-07-2017.

The program began with prayer song followed by welcome address.

Rev Fr .Peter Rajendiram , Secretary , St. Joseph’s College of Arts and Science, delivered his inaugural address of association inauguration and introduced the office bearers.



Mr. M. Arumai Selvam , Vice Principal, HOD of Computer Science, Rev. Fr .Dr.S.Xavier, Dean of Studies, HOD of Physics, Dr. I. Savarimuthu, HOD of Commerce, Dr.S. Joseph Christian Danial, HOD of Microbiology were delivered keynote address on Impact of mathematics in various fields.



This was followed by vote of thanks and the function came to an end with national anthem.

Students Seminar on Mathematical application in various fields

Department of mathematics organized the students seminar on application of mathematics in various fields on 21/9/17 for shift-I, due to power cut shift-II program has postponed to 6/12/17.

The presentation was started with prayer song followed by Tamil Thai Vazthu.

Our Head of the Department had spending his time to give his wonderful words. Then Mr. A. VIRGIN RAJ and Mr. R. JULINE FRANSIS were declared as the judges for shift-I and Mr. ANJAL MOSE and Mrs. C. DEVI SHYAMALA for shift-II. Then the judges took in charge of their precious role by giving instruction and rules to the participants.

Nearly 150 students both shift-I and shift-II presented their PPT.



After their presentation, the result was announced by Mr. JULINE FRANSIS for shift-I and Mrs. DEVI SHYAMALA for shift-II.



The best performance award was given to the students for shift-I,

- UG= 1st and 2nd prize
- PG= 1st and 2nd prize
- M.Phil= 1st prize

Father Secretary has distributed the prizes in the valedictory section.

For shift-II

- III UG = 2 prizes
- II UG = 2 prizes
- I UG = 2 prizes

Our HOD distributed the prizes. Followed by the prize distribution, we had vote of thanks given by D.SHARMANATHI of 2nd MSC for shift-I and R.MAGESWARI of 3rd BSC for shift-II, finally ended our day with National Anthem.

POSTER PRESENTATION ON “RAMANUJAM AND HIS CONTRIBUTIONS”

On behalf of **Ramanujam's** birthday PG & Research Department of Mathematics have conducted the **poster presentation** entitled as "Ramanujam and his contributions" on 22.12.2017. The students of shift –II and P.G girls were participated actively on the poster presentation.



Report of National Level Workshop on Graph Theory and Fuzzy Topology

The one day National level Workshop on graph theory and fuzzy topology was organized by PG&Research Department of mathematics on 6th January 2018 at M.A. Ratchakar Hall. The Inaugural function Begins at 9.30 A.M, with prayer song followed by Tamizh Thaivazhthu. Has Delivered Welcome address prof.Mrs.L.Jethruth Emelda Mary, Assistant Professor of Mathematics.

The dignitaries were honoured by the following members,

- i) Prof,Mr.J.Jon Arockiaraj, Head, Department of Mathematics honoured Rev.Fr.Secretary.
- ii) Prof,Mr.J.Henson honoured Mr.M.Arumai Selvam, Vice principal.
- iii) Prof,Mr.S.Johnson Savarimuthu honoured Rev.Fr.Dr.S.Xavier, Dean of studies.
- iv) Prof,Mrs.A.Arokiamary honoured Mrs.Jeyanthii Ravichandran, Dean-Evening College.
- v) Rev.Fr.Secretary honoured the resource person Dr.J.Ravi sankar, Senior Asst.Professor,Department of Mathematics, School of Advanced sciences, VIT University, Vellore.



Presidential Address was given by Rev.Fr.Secretary



and the Felicitation Address was given by Prof,Mr.M.Arimai Selvam, Rev.Fr.Dr.Xavier and Prof,Mrs.Jeyanthi Ravichandran and Prof,Mr.J.Jon Arockiaraj has delivered Keynote address.



Ms.D. Sharmanathi of II M.Sc Mathematics.has proposed vote of thanks. Technical session started at 10.15a.m. Prof,Mrs.L.Jethruth Emelda Mary introduced the resource person, Dr.J.Ravi Sankar, Senior Asst Prof in VIT Vellore. He gave a presentation on graph theory entitled zero divisor graph and its domination. in a Simple way.

After the lunch break, the next technical session was started at 2.15p.m.

The Resource Person, Prof,Dr.Anita Shanthi, Assistant professor of Annamalai University was introduced by Prof,Mrs.L.Jethruth Emelda Mary, Assistant professor of Mathematics. And Dr.Anita Shanthi gave a lecture on Fuzzy Topology.

valedictory function was started with a prayer songs. Welcome address was proposed by Ms.Moulin of I PG of Mathematics, presidential address was given by Rev.Fr.Secretary and Dr.S.Chinnappan, Principal.



Prof,Mr.J.Jon Arockiaraj, Head Dept of mathematics honoured Rev.Fr.Secretary and the principal, Dr.Anita Shanthi was honoured with a shawl by Prof,Mrs.A.Arokiamary, Assistant Professor and the memento was given by Rev.Fr.Secretary.



Rev.Fr.Secretary distributes the certificated to the participants of the workshop from various institutions.



Feedback form was distributed and collected from participants. we proud to say that we had 204 Participants our own college and 110 Participants from the various college including 20 Staffs members. Finally Vote of thanks was proposed by Prof,Mr.A.Venkatesan, Asst.Professor of Mathematics The programme ended with National Anthem.

NATIONAL SEMINAR ON CRYPTOGRAPHY

- We have organized one day Seminar on Cryptography on 13.02.2018. The Resource person Dr. N. Chandramowliswaran, Amity School of Applied Sciences, Amity, Haryana gave a lecture on Cryptography. He gave guide lines about the project proposal to the staffs and the research scholars.



