

Department of Mathematics & Statistics

Activities of the Department(2016-17)

1. Academics:

Seminars:

Dr.K.L.Saraswathi Devi & Mr.V.Gopinath participated in Two Day National seminar on “Moving Towards Choice Based Credit System (CBCS) in Higher Education –A Road Map” on 18th &19th August.



Dr.K.L.Saraswathi Devi, Mr. V.Gopinath & Mrs.G.Jyothi participated in National Seminar on “Environmental Protection and Sustainable Development Issues and Challenges(EPSDIC)” Organised by The Department of Chemistry, Botany & Zoology, Sir C R Reddy Autonomous College, Eluru on 22nd & 23rd September 2016.

Dr.K.L.Saraswathi Devi, Ms.S.Naga Durga and Mrs.P.Poojitha Participated in the UGC Sponsored Two-Day National Seminar on “Energy & Ecology” organized by Department of Physics, Sir C R Reddy Autonomous College ,Eluru on 4th & 5th October,2016.

On 8th & 9th December,2016 attended a two day National Seminar on Emerging Trends in Mathematics organized by the Department of Mathematics,Sir CRReddy Autonomous College,Eluru.

WEBINAR :

The Dept of Mathematics with the collaboration of HRD Centre organisesd a Webinar on 29th August , 2016 on the topic “Availability of Career opportunities” with the senior HR Mrs. Sireesha Takkilapati from Tech Systems ,Bangalore for the students of Final B.Com ,BBM& MBA. About 200 students were benefitted. The students were most satisfied and they requested to organize such Webinars more & more in Future.



Guest Lectures:

On 21st Sep 2016, The Department of Mathematics arranged a Guest Lecture for III B.Sc (MPC,MPCOMP, MECOMP& MSCOMP)Students on the topic “**Linear Transformations**”. The Resource Person was Dr.P.S.R.Subramanyam, Head of the Department of Mathematics,Ideal College of Arts & Sciences, Kakinada.





On 8th Dec 2016, The Department of Mathematics arranged a Guest Lecture for III B.Sc (MPC) Students on the topic “**Numerical Methods**”. The Resource Person was Prof. Y.V.S.S.Sanyasi Raju, Department of Mathematics, IIT, Chennai.

On 22nd Dec, 2016, Dr. K.L. Saraswathi Devi delivered a Guest Lecture on the eve of National Mathematics Day Celebrations at Sri Ramachandra College of Engineering, Eluru.

Work Shops/Training Programmes:

The Department Of Mathematics, Coordinated the online training classes in Skill Development (Communication Skills, Technical Skills & Analytical Skills) which were organised by APSSDC, for all the final year Maths Students from 5th July to 15th July, 2016. About 260 members were benefitted through this programme. The Resource persons were Mr. Sunil Kumar Deva (Aptitude), Mr. Ron (Communication Skills), Mr. Rajendra (Technical Skills).



Department of Mathematics organised a **Five Day Workshop** on Skill Development (Communication Skills, Technical Skills & Analytical Skills) from 22nd July to 26th July, 2016 for all the Final Year Maths Students. The Resource Persons were Mrs. Buela Sharon and Mr. Sreedhar, about 260 Students were benefitted through this programme.

On 20th August 2016, the Placement cell organized a work shop on “The computer Programming skills” for non Computer students i.e, Final Year MPC students thinking that the technical skills may navigate them to get the jobs in the IT sector. The Resource person was

Mrs.B.Annapurna, Head of the Department of Computer Science. About 120 students were benefitted.



Dr.K.L.Saraswathi Devi participated in the UGC Sponsored one – Week National Workshop in “Quality Improvement in Higher Education” under Faculty Enrichment Programme (Multi Disciplinary) held from 18th August to 24th August, 2016 at Sir C R Reddy Autonomous College, Eluru, in Collaboration with Adikavi Nannaya University.

The Department of Mathematics **organized a One - day Workshop** titled as “**Higher Order Differential Equations**” on **22nd August 2016**. Dr.K.L.Saraswathi Devi, Head of the Department of Mathematics gave the opening remarks and explained the **significance of the workshop**. **The Resource Person was** Dr.K.Venkat Rao, HOD of Mathematics & Vice Principal, Govt Degree College, Alamuru,.



The Faculty involved in the Workshop were Dr.K.L.Saraswathi Devi, Head of the Department of Mathematics, Mr.V.Gopinath, Ms.S.Naga Durga faculty Department of Mathematics.

During the Workshop **Resource Person** Dr.K.Venkat Rao Concentrated on Method of Undetermined Coefficients, Variation of Parameters & Non Constant Coefficients



Dr.K.L.Saraswathi Devi participated in One day National Workshop on “Technology in the Class Room” Organised by the department of English on 3rd Sep, 2016.

Department of Mathematics organized a **Three Day Workshop** on Skill Development (Communication Skills, Technical Skills & Analytical Skills) from 22nd to 24th November, 2016 for all the Final Year Mathematics Students.

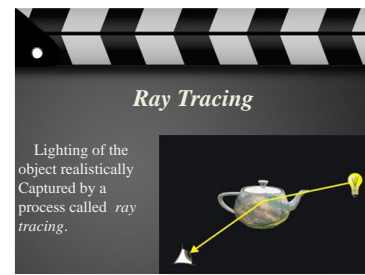
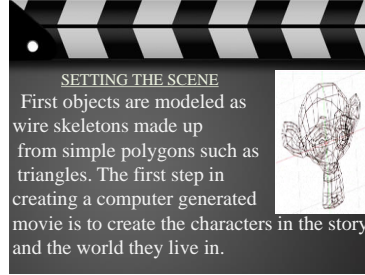
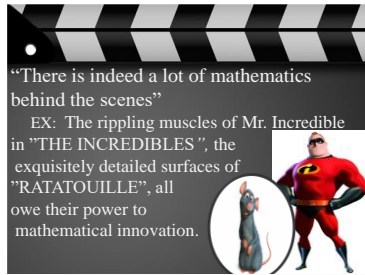
The Resource Persons were Mrs.C.Buela Sharon-Soft Skills Trainer, Mrs.Varalakshmi-Aptitude & Soft Skills Trainer, Mr.Y.Sunil Guptha-Senior Aptitude Trainer and Mr.Kiran Kumar-Soft Skills Trainer, about 250 Students were benefitted through this programme.

Co curricular:

Ward extensions:

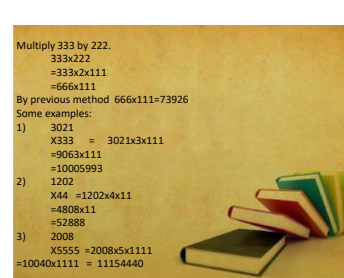
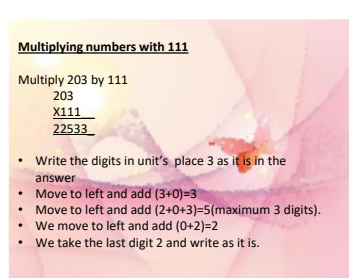
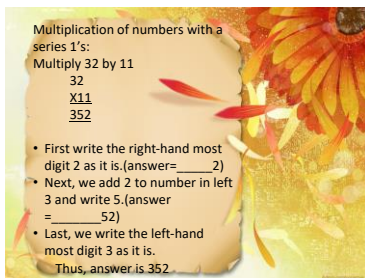
MATHEMATICS IN MOVIE ANIMATIONS :

On 17th Nov, 2016, The Ward students (III B.Sc MSCOMP) of Ms.S.Naga Durga Conducted an Extension Programme with the title “Mathematics in Movie Animations” ANIMATION is a way of making a movie by using a series of drawings, computer graphics, or photographs of objects (such as puppets or models) that are slightly different from one another and that when viewed quickly one after another create the appearance of movement.



On 1st December , 2016 , the ward students (III BSc MP COMP) of Mrs. G.Jyothi conducted an Extension Program with the title “VEDIC MATHEMATICS “.

VEDIC MATHEMATICS is the collective name given to a set of sixteen mathematical formulae as discovered by Jagadguru Swami Sri Bharati Krishna Tirthaji Maharaj. Each formula deals with a different branch of mathematics. Complex mathematical questions which otherwise take numerous steps to solve can be solved with the help of few steps and in some cases without any intermediate steps at all! And these systems are so simple that even people with an average knowledge of mathematics can easily understand them.



On 22nd December , 2016 , the ward students (III BSc MP COMP) of Mrs.P.Poojitha conducted an Extension Program with the title “Maths in Dance”. Dancing is moving your body at the rhythm of the music. Rhythm involves patterns and patterns are mathematics. Dance requires the use of some Mathematical terms and topics, especially when dealing with Music and rhythm, Shapes, Movements executed, spatial organization, Symmetry.

Dancers are constantly making shapes with their entire bodies. they form simple shapes with their arms and legs such as circles, triangles and lines as well as more complex shapes with their formation.



Academic Competitions within and outside the institution:

The department of Mathematics in the college has taken up **National Mathematics Day celebrations** on its campus to have a glimpse of the evolution of history and heritage of Mathematics in ancient India and to examine its implications on the overall development of Mathematics and humanistic culture. The proposed activities will provide an ideal platform for the students to enhance their interest in Mathematics and to sensitize them towards the difficulties that they come across. It provides an opportunity for our generations to be aware of ancient India's contribution to present day world of Mathematics. The celebration also covers the life, works and achievements of Srinivasa Ramanujan

National Mathematics Day Celebrations – as a tribute to the Mathematical Genius Sri Srinivasa Ramanujan, the department of Mathematics in Ch.S.D.St.Theresa's Autonomous College for Women Conducted various competitions such as Poster presentation Competition for III B.Sc, Quiz Competition for II B.Sc & an essay writing Competition for I B.Sc students from 19th December 2016 to 22nd December 2016.

The program took off a colorful start on 19th December 2016 morning at 10 a.m.

On 19th Dec,2016 Poster presentation Competition was conducted for III B.Sc(Mathematics Students) about 245 members were presented their posters.

Dr.K.L.Saraswathi Devi,Head of the Department of Mathematics, Dr.G.Jyothi,Head of the Department of Chemistry, Dr.V.NagaLakshmi, Senior Lecturer in Chemistry judged the posters presented by students of MPC-I & MSComputers.

Mr.V.Gopinath,Lecturer in Mathematics,Mr.G.Srinivasa Rao Lecturer in Chemistry judged the posters presented by students of MPC-II , MPComputers & MEComputers.

The best three from each group were selected and Prizes were given.

The prize winners were as follows:

III BSC

MPC I:

- I Prize - D.Komali, P.Swathi Sri
- II Prize- P.Sri Durga Sridevi, Ch.Mounikia
- III Prize- P.Bindu, T.Prasanna

MPC II:

- I Prize - M. Bhagya Sri, T A S D Manjeera
- II Prize- S.Rasi, M.Anitha
- III Prize- D.Naga Bhavani, K.Pavani

MS COMPUTERS:

- I Prize - P.Hema Ratna Kavya Sri, K.Bhargavi
- II Prize- A.Durga Mounika, N.Subhashini

III Prize- P.Ramya, P.Deepika

MP COMPUTERS:

I Prize - B.D.Sree Chandana, Ch.Likhitha

II Prize- D.Pushpa Bhanu, A.Haritha

III Prize- M.Madhavi, G.Jyothi

Sr.Vineetha, Ch.Likhitha

ME COMPUTERS:

I Prize - Rajini, Geetha Prathyusha

II Prize- K.Lakshmi Mounika, M.Gayathri

III Prize- T.Hema, V.Jhansi

On 20th Dec, 2016, quiz competition was organized for II B.Sc Students.

Five groups were selected to participate in final Quiz the quiz master was Mr.V.Gopinath, Lecturer in Mathematics, Ch.S.D.St.Theresa's Autonomous College for Women, Eluru.

THE PRIZE WINNERS WERE AS FOLLOWS:

I PRIZE II BSC -MPC II

1. K.Swarupa Rani

2. Naga Lakshmi

3. Satya Lakshmi

4...M.Lakshmi Kumari

5. R.Neeraja

II PRIZE

II BSC -ME COMPUTERS:

1. K.Sai Lakshmi
2. D.Naveena
3. K.Sahithi
- 4...K.Vellangini
5. K.Kalyani

On 21st Dec 2016, an essay writing Competition was conducted for I B.Sc students on the topic “World Mathematicians”

About 75 members were participated in the Competition

THE PRIZE WINNERS WERE AS FOLLOWS:

- I Prize - K.Mohana Divya – I B.Sc -MECS
- II Prize - B.Manali Jain - I B.Sc - MPC II
- III Prize - V.Suvija - I B.Sc -MSCS
- Consolation Prize G.Bhavana Vasistha - I B.Sc -MPCS

The prizes for winners of Various Competitions were distributed on 22nd December, 2016. After that Ms.Mahathi & Ms.Pushpa Bhanu Presented a ppt on Life History of Srinivasa Ramanujan as 22nd December was Celebrated as National Mathematics Day.

Dr.K.L.Saraswathi Devi, the Coordinator of the program presented the closing remarks about the National Mathematics Day celebrations, then Dr.Sr.Mercy.P, principal gave her wishes & blessings to all the participants.

On 29th June, 15 Students from III B.Sc M.S.Comp,II B.Sc M.S.Comp Participated in Statistics day celebrations organised by NSSO(National Sample Survey Office) held at Maris Stella College, Vijayawada and they Won III Prize in Quiz Competition.