

Department of Mathematics & Statistics

Activities of the Department(2018-19)

1. Academics:

Seminars:

From 27th to 28th December, 2018, Mr. V. Gopinath attended a two day workshop on Partial Differential equations and analysis organized by the Department of Mathematics, Parvathaneni Brahmayya Siddhartha College of Arts & Science, Vijayawada.

Dr. K. L. Saraswathi Devi and Mr. V. Gopinath attended a two day UGC Sponsored National Seminar on 7th and 8th March, 2019 the title of the seminar was "Recent Trends in Mathematical Sciences" organized by the Department of Mathematics, Andhra Loyola College (A), Vijayawada.

Guest Lectures:

On 6-06-18 college Reopened for II and III year UG Students and classes were Started
On 07-06-18 Dr. K. L. Saraswathi Devi delivered a lecture on "Stress Management" in T-Tips Program to all the junior Staff .



On 1-8-2018 Mr. V. Gopinath Delivered a Guest Lecturer On "Exact and Non Exact Differential Equations" at St Joseph college (Autonomous), Visakhapatnam.



Mr.V. Gopinath ,Sr.Leturer Department of Mathematics Delivered a Guest lecture on “ Real Analysis-Sequences” at St.Joseph’s college for women(A) Visakhapatnam on 19-02-2019 to II B.sc (MPC,MPCOMP,MECOMP& MSCOMP) Students .A bout 220 students are benefited by the leturer.



The Department of Mathematics **arranged Guest Lecture** on “Planes” on **1stFebruary 2019**. with the **target group** as IB.sc (MPC,MPCOMP,MECOMP& MSCOMP) **The Resource Person was**Dr.K.Sujatha Professor& Head of the Department of Mathematics ,St.Joseph’s college for women(A) Visakhapatnam.



The Department of Mathematics **arranged Guest Leture** on “Riemann Integration” on **6thFebruary 2019**. with the **target group** as IIB.sc (MPC,MPCOMP,MECOMP& MSCOMP) **The Resource Person was**, Dr.D.Ch.Paparao Head of the Department of Mathematics , S.K.B.Ramars college, Amalapuram.



Attended BosMeetings :



Mr.V. Gopinath attended the BOS Meeting as the subject expert on 1st August 2018 at St.Joseph college for Women (Autonomous), Visakhapatnam, affiliated to Andhra University.

Mr.V. Gopinath attended the BOS Meeting as the subject expert On 19th February 2019 at St.Joseph college for Women (Autonomous), Visakhapatnam, affiliated to Andhra university.



Project Work/Internships:

From 17th to 21st August department of Mathematics Organized a five day Intracollegiate event on “ MATLAB” (the language of technical computing) with the coordination of Spectrum Solutions, Pondicherry. The resource persons were Mr.Raushan Kumar Singh,Managing director, Spectrum Solutions. Sandeep Kumar, Senior Software Developer.R.AnanthaKumari ,HOD Department of electronics and Communication Engineering, SMVPTC, , Pondicherry

All the Final year Maths and Computer combination Students attended this program about 120 students were benefited through this program.

S.No	Date	Day	Topics	Resource Person	
1	17-8-2018	Friday	Session-I	<ul style="list-style-type: none">• Introduction of MATLAB	Raushan Kumar Singh

				<ul style="list-style-type: none"> • Usage and Scope • Working Principal • Global Acceptance Fields of usage	
			Session-II	MATLAB Practice	
2	18-8-2018	Saturday	Session-I	<ul style="list-style-type: none"> • Arithmetic Operations • Trigonometric Calculations • Matrices • Features of Matrices • 2-D Plot • 2-D Plot Designing • 2-D Plot Fig. & Subplot 2-D Plot Input Values	Raushan Kumar Singh
			Session-II	MATLAB Practice	
3	19-8-2018	Sunday	Session-I	<ul style="list-style-type: none"> • 3-D Plot • 3-D Plot Designing • 3-D Plot Fig. & Subplot 3-D Plot Input Values	Raushan Kumar Singh

			Session-II	MATLAB Practice	
4	20-8-2018	Monday	Session-I	Differential equations of Second Order	Raushan Kumar Singh
			Session-II	MATLAB Practice	
5	21-8-2018	Tuesday	Session-I	Differential equations of Third Order	Raushan Kumar Singh
			Session-II	MATLAB Practice	

We feel immense pleasure to announce successful real-time hands on training on MATLAB and Robotics battle called Robowar. The 5 days Program was a multidisciplinary intercollegiate event in which more than 400 Students Participated and learnt how to make robots and use them in the Robo Battle. Event was held between 17th Aug 2018 and 21st Aug 2018 .winner team - II M.S computer Students was awarded with winner shield and best robot creator received the cash Prize. MATLAB Live Training was Provided to the Students from the department of Mathematics in Order to understand the minute Concepts of Mathematics. With this St.Theresa college becomes INDIA'S FIRST Degree college to Organize Robowar.



Department of Mathematics and the Department of Computer science in collaboration with Spectrum Solutions to organized an International conference on INNOVATIVE DOMAINS OF MATHEMATICS AND DIGITAL TECHNOLOGY-ICIDMDT-2018 .On 27th&28th Nov 2018.With the target group as the faculty of both the Departments.A bout more than 350 numbers participated in the conference.



Co curricular:

Academic Competitions within and outside the institution:

The Department of Mathematics and Statistics conducted various competitions for all UG Students in view of Statistics Day . On 27-6-18 an Essay writing competition on P.C Mahalanobis (Father of Indian Statistics)

On 28-06-18 Conducted poster presentation competition on Research-Statistics Syllabus were

Organized



On 29th June 2018, 10 B.Sc statistics students under the guidance of Mrs.G.Kusuma attended 12th National Statistics day celebrations organized by CSO (Central Statistical Organization) at Maris Stella College , Vijayawada and P.Jhansi III B.sc M.S comp, Secured II Prize in Elocution on the topic “Quality Assurance in official Statistics”

On the eve of birth anniversary of SrinivasaRamanujan on 22nd December , Department of Mathematics Organized National Mathematics Day Celebrations from 14th Dec 2018 to 19th December 2018 .As a part of it, Various Competitions were conducted for all the students such as Quiz Competition ,essay writing Competition ,Poster presentation Competition.

Quiz Competition

Ist Prize I B.sc M.pc-II

P.Snehalatha

G.Geetanjali

B.Amulya

Ch.Keziya

S Swathi

Second Prize II B.sc M.E.Comp

V.L Vijayalatha

N.RajaHarshitha

M.Divya

A.Pooja

M.SaiSpandana

Third Prize III B.sc M.p.c-I

U.Nikhila

G.Bhavani

Ch.Sravani

M.NagaAnjanidevi

Md.AsmaMehnaaz

Essay writing

I PrizeN.PremaSitara II B.ScM.S.Comp

II Prize V. Mahathi I B.Sc M.P.C-I

III PrizeN.LeelaMadhuri II B.Sc M. S.Comp

Poster presentation

I Prize S. Devi Sri I B.sc M.P.C-I

II Prize P. BindhuMadhavi I B.Sc M.CC's

III Prize N. Sandhya I B.Sc MBN

Consolation R.Monica I B.ScM.E.Comp

Best Paper Presentations

I Prize K.KrishnaMounica

Y.Umadevi

II Prize D.Prathibha

III Prize V.SaiLalitha



The prizes for winners of Various Competitions were distributed on 21stDecember,



Department of Mathematics and Statistics Organized a three Day training program on Arithmetic from 18th to 20th December,2018 for all the final year Mathematics Students .

Extra Curricular:

Days & Week Celebrations:

The Department of Mathematics and Statistics conducted various competitions such as essay writing, Quiz on 26th and 27th of June respectively for all UG Students in view of Statistics Day

On the eve of birth anniversary of Srinivasa Ramanujan on 22nd December, Department of Mathematics Organized National Mathematics Day Celebrations from 18th Dec 2018 to 20th December 2018. As a part of it, Various Competitions were conducted for all the students such as Quiz Competition, essay writing Competition, Poster presentation Competition.

Field Trips :

On 1st December All the Cluster students of Mathematics visited the constructing work of Polavaram project at Polavaram. Dr. K.L. Saraswathi Devi Head of the department and members of the department accompanied the students. All the students observed and learned many aspects like Spillway foundation details, diaphragm wall and Polavaram Project Technical Details and project Benefits. Later they visited Pattiseema Project.



Training Programs

Department of Mathematics and Statistics Organized a three Day training program on Arithmetic from 18th to 20th December, 2018 for all the final year Mathematics Students.

The Resource Persons were Mr. T. Seshagiri Rao - Arithmetic skills Trainer, Mrs. Sanvitha - Arithmetic Basic trainer, about 250 Students were benefitted through this programme. The topics covered were as follows

Date	Day	Topics Covered
		Arithmetic
18-12-2018	Tuesday	Number System, Divisibility rules, LCM & HCF, Ratio & Proportions
19-12-2018	Wednesday	Problems on Ages, Partnership, Aggregation, Time and work
20-12-2018	Thursday	Percentage, profit/loss



Club Activates:

On 14th July 2018, Mathematics Association KNOWLEDGE was inaugurated for the academic year 2018-19. III B.sc M.S computers Students Presented a power point On “Role of women Mathematicians in Mathematics “. This year President P.Jhans

Secretary :N.PremSithara



On 21st July 2018, The Members of the Association has gathered in the media Center, Ms.R.KusumaRekha and her team from II B.Sc M.S.Comp gave a powerpoint presentation On the topic “Ancient Mathematician AryaBhatta “.