THE MADURA COLLEGE

An Autonomous Institution affiliated to Madurai Kamaraj University
Re-accredited (3rd cycle) with 'A' grade by NAAC
Vidya Nagar, T.P.K. Road, Madurai – 625 011
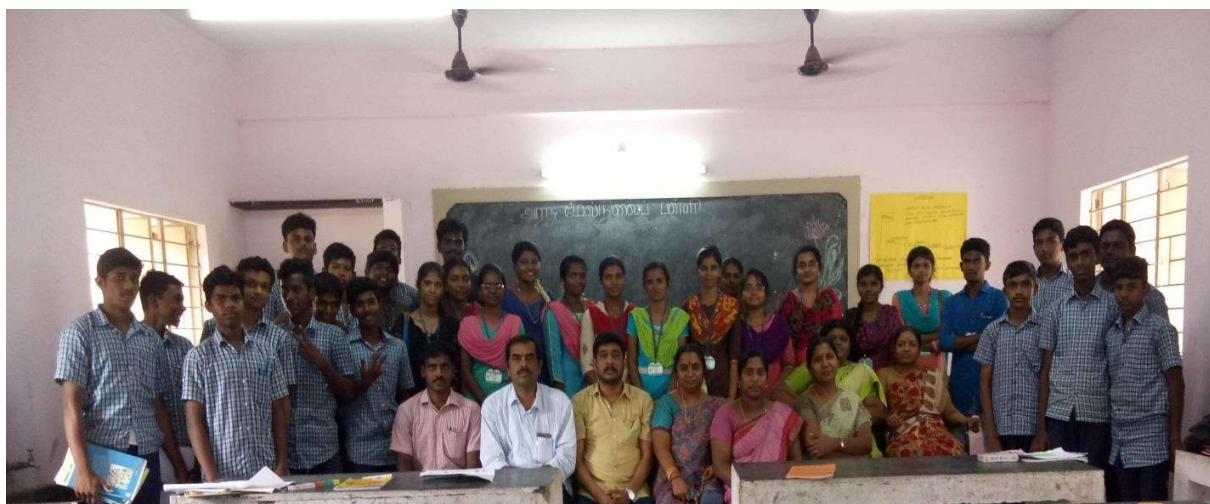Department of Mathematics
Report
Extension Activity for Govt.School Students
Sponsored by UGC
08.10.2018

Our Department of Mathematics, The Madura College Organized One Day UGC Sponsored Extension Activity for Government School students on 8th October 2018. Our Department chosen Government Higher Secondary School, Mullipallam, Madurai for the Extension Activity Programme. We, Four Faculty members and16 Students consisting of both UG, PG have participated in the Extension Activity Programme on that day.

We were inaugurated the programme by the Headmaster of the Government Higher Secondary School, Mullipallam. Our Students exhibited all their preparations and shared their knowledge in a different approach to the School Students, which is unusual from their regular Mathematics Class.

Firstly, Students introduced themselves. Then they started the programme with a short speech on scope of Mathematics, applications and its features. Then they divided into 3 teams and they took 3 classes to handle.

II M.Sc., Students handled the class XI. S. Senthil Kumar discussed about the Professions related to statistics and he started the class with useful information that creates interest among students. R. Latha Maheswari taught the concepts of mean, median and mode by giving day-to-day activities as examples. T.S. Nivetha continues the class with the concepts variance and standard deviation. G. Kirithika discussed about probability, random sample, sample space and random variables. The session was interactive. R. Sathya explains the application of statistics in various fields and the importance of statistics in our daily life.   M. Ramya concludes the session with interesting puzzles relevant to statistics and also puzzles irrelevant to the topic

I M.Sc., students are handled for the class IX. A. Aishwarya initiated the session with the concept of one-dimension and two-dimension and three dimension. She made the students attentive by her models describing her concepts. R. Aruna devi explained the cubic formula with cube model. She made the students understand the derivation of formula. M. Parvathavarthini taught about concentric circles. She explained what is a concentric circle and how the area of the concentric circle can be found with the help of chart work. G. Prabavathy took the concept about angles. She explained about straight angle, plane, acute, obtuse and similar angles. S.J. Shamitha discussed the application of Mathematics with many examples. This was an interactive session.

  III B.Sc., students are handled for the class IX. M. Meenakshi explained the concept of slope in detail. With the help of chart work. She taught it in an easier way. A. Nambi Vasanthan took Vedic Mathematics. He taught some shortcuts through Vedic Mathematics technique. C. Naveen Raja conducted some puzzles to create interest. This session made the students brisk. K. Rohini explained about area of square, rectangle and circle. This was an interactive session. S. Lavanya devi ended the session with the explanation of pie value of 3.14 and she also explained about how we get the value of pie.

School students gave full attention and bright responses to our Students, because it was different from their usual Mathematics class. They were actively participated in model presentation and games. Our Students teachings made them easy to understand the idea and throw out their fears on Mathematics. They are all eagerly answered their questions.

For their benefits, We gave a handout which contains all formulae in Mathematics for all XI Students, which will be helpful to study for their public examinations. We also gave Prizes to them. This was a wonderful experience for both our students and school students. At the end of the program, school students and head masters thanked us.Our team thank our elegant Secretary and Principal, Head of the Department and Staffs for giving us the platform to enrich the teaching ability and developing learning methodology.

The Faculty members are as follows:
1. Dr. K.M.Dharmaligam, Assistant Professor.
2. Dr. U. Karthik Raja, Assistant Professor.
3. Dr. I. Padmavathi, Assistant Professor.
4. Dr. S. Usha, Assistant Professor.

The Students are as follows:

II M.Sc.,	I M.Sc.,	III B.Sc.,
G. Kirithika	A. Aishwarya	M. Meenakshi
R. LathaMaheswari	R. Arunadevi	A. NambiVasanthan
T.S. Nivetha	M. Parvathavarthini	C. Naveenraja
M. Ramya	G. Prabhavathy	K. Rohini
R. Sathya	S. J. Shamitha	S. Lavanyadevi
S. Senthil Kumar		

Report Prepared By: **Dr. U. Karthik Raja, Assistant Professor.**

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Department of Mathematics

Participants list for Community Outreach to Government Higher Secondary School- 08.10.2018

SI NO.	NAME	Reg No.
1.	G. Kirithika	2017PGM010
2.	R. LathaMaheswari	2017PGM012
3.	T.S. Nivetha	2017PGM017
4.	M. Ramya	2017PGM023
5.	R. Sathya	2017PGM026
6.	S. Senthil Kumar	2017PGM012
7.	A. Aishwarya	2018PGM001
8.	R. Arunadevi	2018PGM003
9.	M. Parvathavarthini	2018PGM017
10.	G. Prabhavathy	2018PGM018
11.	S. J. Shamitha	2018PGM024
12.	M. Meenakshi	2016MPS012
13.	A. NambiVasanthan	2016MPS015
14.	C. Naveenraja	2016MPS017
15.	K. Rohini	2016MPS023
16.	S. Lavanyadevi	2016MPS036

HoD

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