

Departmental Report 2018-2019

PG Department Of Mathematics

Name of the Department	: PG Department Of Mathematics
Year of Establishment	: 2000
Courses Offered	: MSc Mathematics
Certificate courses	: Nil
Add on courses	: Nil
Faculty with qualification	: Mrs.M.DurgaDevi ,MSc,MCA,M.Tech(CSE). : Mrs.S.Nagadurga ,M.Sc Mathematics : Ms. A. Anumala MSc Mathematics
Departmental club	: Wisdom club

Departmental activities:

The results of the I and II year P.G. MSc Mathematics were announced in 2017-2018A

II Year-IV Semester- **86.5%** (2016-18)

I Year-II Semester- **100%** (2017-19)

PRATHIBA AWARDS:

- 2016-18 batch Students G.Charishma and Md.Neha mehatab got the “PRATHIBA” award from the Adikavi nanayya university.



PG Union Elections:

- On 29th June 2018, P.G. Department of M.Sc Mathematics students participated in the **P.G. Elections** under the guidance of PG Directress Dr.Sr. Marietta D' Mello . List of Selected Students from PG Mathematics Department
 - Ms.T.V.R.S.Bhargavi - **P.G Vice president**
 - Ms.Ch.Yamuna - **library president**
 - M.Kiran Kumari - **Student welfare secretary** elected for the academic year 2018-2019.
- On 5th July, 2018 **Students Union Inauguration** was conducted at auditorium, all Msc Mathematics students were attended for that program.
- On 11th July, 2018 all I M.sc Mathematics students were attended for orientation class. The program was organized by **“PG Mathematics & Physics Departments”**. **Mrs. M. Durgadevi explained “RULES & REGULATIONS”**. The resource persons in the programme were the heads of various departments.



- On 16th July, 2018, A **Holy Mass** was conducted for all PG Departments of the academic year 2018-19. All the staff and students were attended.
- On 25th July, 2018 **St.ann's feast** was conducted by physics department, all the staff and students from I Msc & II Msc were attended for that program.
- On 7th Sep, 2018 from Dept. of Mathematics (IIMsc and IMsc) some of the students were participated in District level competition under **“JNANABHERI PROGRAM”** and they got the IIIrd place in that program.
- On 1st Oct, 2018 **St. Theresa's feast** celebrations conducted by PG Economics, English & Mathematics departments, the resource persons are Principal Dr.Sr Mercy and community college incharge sr.Graziana.



- On the month of October the students of Maths Dept gave performance on class room seminars on the topics **Applications of Mathematicians**” in various fields as a club activity.

Paper Publications:

- On 28th July 2018 Mrs M.Durgadevi(Lecturer in maths Dept) and D.Pratibha, T.V.S.R.S.Bhargavi & Md.Ayesha published a paper on **”A Novel Mechanism of Multi criteria Decision Making: An Operations Research Approach”** in an International Journal Of Scientific Research and Review and UGC approved journal with ISSN NO:2279-543X,Volume 7,Issue 7,2018.



- On 27th & 28th Oct 2018 The Department of Mathematics and Computer science Organized a **”International Conference on Innovative Domains of Mathematics And Digital Technology”**, in that II Msc Mathematics Students and Staff Published 5 Papers.

Titles of the Papers are:

- I. A Core AHP System For Contractor Selection Decision.
- II. Applications Of Graph theory In Network And Electrical Circuit Using Matrix Method.
- III. Using Differential Equations To Model Drug Concentrations With In The Field Of

Pharmacokinetics/Pharmacodynamics.

IV. Using Of Graph theory In Transportation Problems And Different Networks.

V. Correlation And Regression Analysis On Savings And loans.



Library week celebrations:

- On 8th Nov, 2018 the UG library conducted the “**Library week**” celebrations, in that some of the P.G mathematics students are participated for essay writing competitions.
- On 19th Dec 2018 The library week celebrations results was announced, in that celebrations Y.UMA DEVI from II M.sc Mathematics won the third price in **Telugu essay writing** on the Topic “**How to Improve book reading**”.



From 5th Dec 2018-11th Dec 2018 All IIMsc Mathematics Students were attended APSSDC In association with Nandi Foundation (Mahindra Pride Class Room).

From 6th Dec 2018-15th Dec 2018 Faculty From Msc Mathematics Dept. were attended for MOOC Classes conducted by Applied Science Faculty.

Mrs. M.Durga devi and **Mrs. S.NagaDurga(UG Mathematics)** and **Ms. D.Prathibha (II Msc student)** from the Department of PG Mathematics published a paper on “**A Core AHP System For Contractor Selection Decision**” In an International Journal of Management Technology and Engineering(IJMTE), Journal with An ISO7021:2008 Certified journal, UGC Approved journal, paper ID :IJMTE/SS-34, ISSN NO:2249-7455, Scientific journal Impact Factor:6.3,pp,86-103,Volume 8, Issue XII, December /2018.

Mrs. M.Durga devi and Ms.T.V.S.R.S.Bhargavi(II Msc student) and Ms. Ch.Venkata Yamuna (II Msc student) from the Department of PG Mathematics published a paper on **“Applications of Graph Theory In Network And Electrical Circuit Using Matrix Method”** In Suraj Punj Journal For Multidisciplinary Research(SPJMR), with An ISO7021:2008 Certified journal, UGC Approved journal ,Paper ID :SPJMR/SS-07, ISSN NO:2394-2886, Scientific journal Impact Factor:6.1,pp,28-37,Volume 8, Issue 12, 2018.

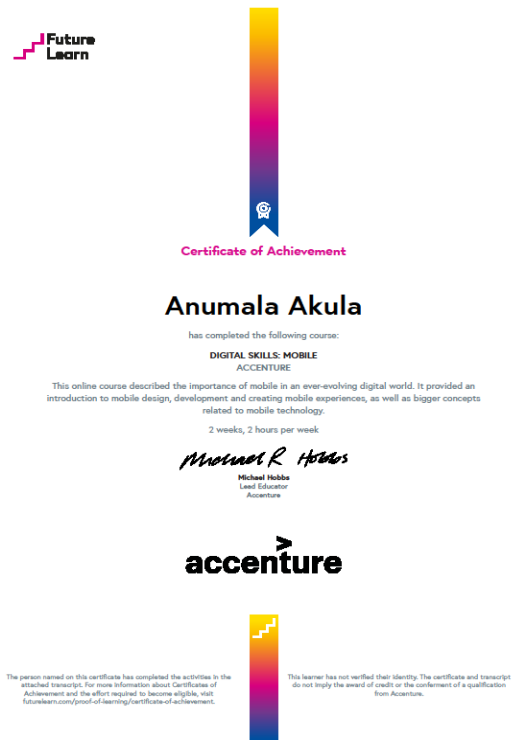
Mrs. M.Durga devi and Ms.A.Anumala and Ms. Y.uma Devi (II Msc student) from the Department of PG Mathematics published a paper on **“Using Differential Equations To Model Drug Concentrations Within The Field Of Pharmacokinetics/Pharmacodynamics”** In Pramana Research Journal,(PRJ) with An ISO7021:2008 Certified journal, UGC Approved journal Paper ID:PRJ/SS-17, ISSN NO:2249-2976, Scientific journal Impact Factor:6.2,pp,13-26,Volume 8, Issue 12, 2018.

Mrs. M.Durga devi and Ms.Ch.Sai Harika(II Msc Student) and Mrs.D.Anusha (II Msc student) & ms.D.Malleswari(II Msc student) from the Department of PG Mathematics published a paper on” **Use Of graph Theory In Transportation Problems and Different Networks”** in JASC: Journal of Applied Science and Computations Volume V, Issue XII, December/2018 ISSN NO: 1076-5131 , Page No: 32-43 with impact factor 5.8.

Certificate Courses done by faculty:

- On 24th Jan 2019 **Mrs.M.Durgadevi** Lecturer in mathematics completed MOOC’s Course in **DIGITAL SKILLS: SOCIAL MEDIA** form **ACCENTURE** with **70%** of test average test score.

- On 7th Mar 2019 Ms **A.Anumala** Lecturer in mathematics completed MOOC's Course in **DIGITAL SKILLS: MOBILE** form **ACCENTURE** with **71%** of test average test score.



Placements for students:

On 3rd Feb, 2019 **Siddhartha Vidyalaya** conducted interviews for the II M.sc mathematics students in that Md.Ayesha and D.Prathibha are selected as teachers.



On 5th Feb, 2019 **Chaitanya Techno Schools** conducted the interviews for the II Msc Mathematics students, all are participated in that drive **10 members** are selected as teachers.

1.Md.Ayesh

2.K.Lalitha Parameswari

3.D.Prathibha

4.Ch.V.Yamuna

5.V.Sai Lalitha

6.Y.Uma devi

7.K.Madhavi

8.K.Krishna mounika

9.D.Anusha

10.Ch.Sai harika

CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN

ACTIVITIES FOR THE YEAR

2018-2019

DEPARTMENT OF PG MATHEMATICS