

CH.S.D.ST.THERESA'S COLLEGE FOR WOMEN(A),ELURU.

M.Sc Mathematics

Departmental Report 2021-2022

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 : **Sr. Suseela,M.Sc Mathematics(Ph.D)**
: **Mrs. M.DurgaDevi,MScMathematics,MCA.**
: **Mrs.A.Jyothi Mathematics.**
Departmental club : **Wisdom club**

Departmental activities:

The results of the I and II year P.G. MSc Mathematics were announced in 2019-2021

- II Year-IV Semester-**100%**(2019-21)
- I Year-I Semester-**90%**(2020-22)
- I Year-II Semester-**100%**(2020-22)
- From May 1st to 15th 2021 the online classes conducted for the I M.sc mathematics II- SEMESTER Students.
- 12-05-2021 II M.Sc Mathematics Students Attended Webinar on E-Poster presentation and celebration of National Technology Day.
- 14-5-2021 II M.Sc Mathematics students attended book review on “UNTOUCHABLE” by Mulk Raj Anand.
- 15-05-2021 II M.Sc Mathematics Students attended Webinar on “Awareness on Covid-19th Part. III Nutrition and life style management during Pandamic.
- 20-5-2021 II M.Sc Mathematics students attended book review on “AMRUTHAM KURISINA RATRI” byDevarakondaBalagangadharTilak.

- 02-06-2021 II M.Sc Mathematics Students attended Webinar on "Future Skills for Employability Organized by Skill Development centre Adikavinanayya University In Association with IBM.
- On 9-06-2021 Mrs. M.Durgadevi, & A.Jyothi Assistant professors from the Department Of M.Sc Mathematics Published a Paper Titled with "**Application of Genetic Algorithm In Graph theory**" In UGC CARE Group-1 Journal with ISSN:2394-0298 Vol 8(VII),2021.
- 3-6-2021 II M.Sc Mathematics students attended book review on "KALIKAMBHA SAPTHASATHI" by Pothuluri Veerebrahmam.
- From June 1st 2021 after the summer vacation the online Classes conducted for for the I M.sc mathematics II-SEMESTER Students.
- From July 27th 2021 the Final Semester examinations conducted for the II M.Sc Mathematics Students.
- From Aug 6th 2021 the First Semester examinations conducted for the I M.Sc Mathematics Students.
- On June 3rd Mrs M.Durgadevi and Published a paper Titled with "**GAME THEORY APPLICATION USING GEOGEBRA**" In UGC-CARE Journal.ISSN Num:0378-4568.
- 9-7-2021 II M.Sc Mathematics students attended book review on "A LIFE OF STRIPED BEAR" By Leo Mickman.
- 16-7-2021 II M.Sc Mathematics students attended book review on "NOVELLA SAHITHYA SARVABHAUMA" By Lakshmi Narasimha Rao.
- 22-7-21 II M.Sc Mathematics students attended book review on "EMOTIONAL INTELLIGENCE" BY Daniel Golemans.
- On Aug 1st 2021 **Mrs M.Durgadevi**, Assistant professor from Department of M.Sc Mathematics got the "**YOUNG RESEARCHER AWARD-2021**" Award from Institute of Scholars, Bangalore.
- On Aug 1st 2021 **Mrs M. Durgadevi**, Assistant professor from Department of M.Sc Mathematics is recognized as "**professional member**" of institute of Scholars ,Bangalore.

- On Aug 1st 2021 Mrs M. Durgadevi, Assistant professor from Department of M.Sc Mathematics is recognized as “ **Reviewer**” for the journal of institute of Scholors ,Bangalore.



- On Aug 15th Independence day celebrations Celebrates through Online. In the part of the celebrations Elocution conducted for the students.
- 19-8-2021 II M.Sc Mathematics students attended book review on”OLD MAN AND THE SEA “ by Ernest Hemingway.
- 27-8-2021 II M.Sc Mathematics students attended book review on”AcharyaNagarjunudu“ by A.Venkateswaraoreddy.

- 03-09-2021 II M.Sc Mathematics students attended book review on "Man Search for Meaning" by E. Viktor. Franks.
- 04-09-2021 II M.Sc Mathematics Students attended Webinar on "Importance Of Millets In INDIAN Diets".
- 10-09-2021 II M.Sc Mathematics students attended book review on "Jayaho Vijayanki 10 Sutralu" by A.J Krishna murthy.
- 24-9-2021 II M.Sc Mathematics students attended book review on "Yabhaitella Vana" by Kopparthi.
- 01-10-2021 II M.Sc Mathematics students attended book review on "The Prophet" Kahil Gibran.
- 08-10-2021 II M.Sc Mathematics students attended book review on "Gurram Joshva Padyachandrika".
- 09-10-2021 II M.Sc Mathematics Students attended Webinar on "Ideation to Commercialization" Organized by Department Of Management studies.
Session II: "How To Convert Projects to Patents" Organized by Department Of Home Science.
- 15-10-2021 II M.Sc Mathematics students attended book review on "Ladies Coupe" by Anitha Nair.
- 22-10-2021 II M.Sc Mathematics students attended book review on "Swecha" by Olla.
- 9-10-2021 II M.Sc Mathematics students participated in IIC Impact Lecture session on "Ideation to commercialization- convert the problems into Business opportunities" from 10:00- 11-30 am. Session 2 "How to convert projects to patents in google meet.
- On 1st Oct 2021 Mrs M. Durgadevi from the Department of Mathematics received the Copyright titled with "Gametheory Application using Geogebra" Registration Number: I-108500/2021.



- On 26th Oct 2021 69th Union inauguration Conducted at Auditorium, in that MsN.Meghana Sandhya of II M.Sc Mathematics nominated as PG PRESIDENT.
- On 26th Oct 2021 69th Union inauguration Conducted at Auditorium, in that MsV.NagaChandana of II M.Sc Mathematics nominated as PG alumine Secretary.



Alison Courses:

All the I M.Sc Students Completed the Course in Alison.

1. Diploma in psychology of everyday life
2. Aircraft Conceptual Design: Constraint analysis and Cost Estimation
3. Probability and Combinatorics.
4. Leaving Certificate Project Maths-Ordinary level.
5. Financial Maths
6. Vaccines and immune System.

SWAYAM:

OPERATIONS RESEARCH.

- On 29-10-2021 II M.Sc Mathematics students attended book review on “ A TWIST IN THE TALE” Jeffrey archer by Sri.B. Chandrasekhar.
- On 5 -11-2021 II M.Sc Mathematics students attended book review on “Nannugurinchikadhavrayavu?” buchibabu by Sri. Bhamidipatigowri Shankar.
- 13-11-21 STUDENTS actively participated in cultural activity
Group dance-MeghanaSandhya,Kavyanjali,Keerthi,Gayathri,Vijaya.
Song –Sumithra.
- Group dance received Second place.



- On 12-11-2021 II M.Sc Mathematics students attended book review on “ WHY WE KNEEL,HOW WE RISE” Michael Hoiding by Dr. Siddharth R.
- On 19-11-2021 II M.Sc Mathematics students attended book review on “ MANDAKINI”MalladiVenkata Krishna murthy by Smt .G .Jamuna Rani.
- On 17-12-2021 II M.Sc Mathematics students attended book review on “ MAHAPRASTANAM” SreeSree by Sri.A.N.PrasannaBabu.

- On 22-12-2021 Department Of M.Sc Mathematics celebrated the ‘National Mathematics Day’. For that program M.Sc Physics, M.Sc Chemistry Students were attended,in that program II M.Sc Mathematics students presented the Poster presentation On “ZERO” and Explains about importance of National Mathematics day and explains about Men & Women Mathematicians.



- On 24-12-2021 II M.Sc Mathematics students attended book review on “ **Life is what you make it**” by Kum. Kiranmai Nellore.
- On 31-12-2021 II M.Sc Mathematics students attended book review on “**Ekalavyaprabandham**” by Dr. Madgulapulla.
- On 26-01-2022 Department of M.Sc Mathematics celebrates 73rd republic day in virtual mode.



- 26-1-2022 Mrs M. Durgadevi N. S. L. Prasanna and S. Naga Durga published a paper titled with ” **An Introduction: Digital Marketing towards Graph theory**” in International Journal of Mathematics and Computer Research. ISSN NO:2320-7167 Impact factor 7.184 ,Vol 10, Issue 02 January-2022.
- 27-1-2022 II M.Sc Mathematics students and Staff attended book review on “**Aranyaparvam**”

- 1-2-2022to 5-2-2022 M.Sc Mathematics Staff attended one week FDP ON “**Impact of covid 19 on women**”.
- 4-2-2022 PG M.Sc Mathematics Staff attended **Carlo Memorial lecture**.
- 4-2-2022 II M.Sc Mathematics students and Staff attended book review on “**The 7 habits of highly effective people**”.
- 15-02-2022 to 19-2-2022 PG Department of Mathematics Students Participated induction program for first years.
- 17-2-2022 II M.Sc Mathematics students and Staff attended book review on “**The Last Queen**” by **ChitrabeneerjeeDevakumari**.
- 21-2-2022 II M.ScStudents V.NagaChandana and K.Kavyanjali received proficiency Awards.
- 22-2-2022 MrsM.Durgadevi K.Kavyanjali published a paper titled with ” **Linear programming Applications In Different Fields**” in Journal Of Emerging technologies and Innovative Research with ISSN NO:2349-5162 Impact factor 7.95 Vol9,Issue 02,2022.
- 23-2-2022 Staff and Students attended an Interactive Session on “ **Ethics and Values**” by Rev.Fr Bosco
- 26-2-2022 MrsM.Durgadevi N. Meghana Sandhyapublished a paper titled with ”**Lucid Dream Mathematics: Topology**” in Design Engineering with ISSN No:0011-9342 Issue: 01 year 202.
- 3-3-2022 Placement Drive was conducted for all the PG Final year Students by Sri Chaitanaya Techno Schools. In that 5 Students got placed.

V.NagaChandana

K.Kavyanjali

M.Keerthi

N.Sri Lakshmi Prasanna

G.Sai Naga Sushma.

- 8-3-2022 Staff and Students Participated in Women’s Day Celebrations.
- 8-3-2022 MrsM.Durgadevi Received **Women Transforming Nation awards 2022** by Women lead 2030.
 - (PIC)
- 14-03-2022 M.Sc Mathematics Staff and Students Celebrated national PI day and Einstein Birthday.
 - (PICS)
- 21-3-2022 Mrs M.Durgadevi G.BhavanaPriya and S.NagaDurga published a paper titled with ” **Graph Theory In Linear programming** ” in Journal Of Emerging

technologies and Innovative Research with ISSN NO:2349-5162 Impact factor 7.95
Vol9, Issue 03, 2022

- 24-3-2022 II M.Sc Mathematics students and Staff attended book review on “**JanapadaKadhalu**” by Dr.K.V.Satyanarayana.
- 25-3-2022 Mrs M.Durgadevi K.Sumithra published a paper titled with ” **Indian Women Mathematicians**” in International Journal of Mathematics and Computer Research. ISSN NO:2320-7167 Impact factor 7.184, Vol 10, Issue 3 March-2022.
- 1-4-2022 II M.Sc Mathematics students and Staff attended book review on “**When Breath Becomes Air**” by Dr.Anton Pushpa Raja.
- 5-4-2022 Mrs M. Durgadevi G.Sai Naga Sushma published a paper titled with ” **Linear Algebra In Image processing**” in Journal Of Emerging technologies and Innovative Research with ISSN NO:2349-5162 Impact factor 7.95 Vol9, Issue 04, 2022
- 11-4-2022 II M.Sc Mathematics Students Completed their Project Viva-voce.
- 15-4-2022 II M.Sc Mathematics students and Staff attended book review on “**Olga Dies dreaming**” by Xochitl Gonzalez.
- 20-4-2022 M.Sc Mathematics Staff and Students attended the Superannuation ceremony of Principal Sister Dr.Sr.Marietta D’Mello.
- Mrs M. Durgadevi M. Keerthi published a Book Chapter in **PLASTIC WASTE MANAGEMENT :TURNING CHALLENGES INTO OPPORTUNITIES**, titled with “**Linear programming : Cost Optimization For Nil Kamal Company**”.

Mrs M.Durgadevi, Lecturer in Mathematics and N.Maghana Sandhya Received a Copy right from Copy right Office, Government Of India with Registration Number L122035/2023. Titled with” Lucid Dream Mathematics:Topology.