

**DEPARTMENTAL REPORT**  
**2020-2021**  
**PG DEPARTMENT OF MATHEMATICS**

**Departmental activities:**

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

II Year - IV Semester- **73.33%** (2017-19)

I Year - II Semester- **96.15%** (2018-20)

I Year III Semester- **92.30%**(2018-2020)

- From 23/04/20 to 23/05/20, conducting ONLINE Classes for both I M.Sc & II M.Sc Mathematics Students.
- From 01/05/2020 to 30/08/20, all the Staff and students are attended the Webinars, Faculty development programs, Quiz's Etc.
- From 01/06/20 and 02/06/20 all the staff and Students are attended the webinar on **“The role of personal and Technology in higher education on post covid-19”**.
- On 05/06/20, all the staff and students are attended the webinar on **“Students – skills-fit for work and fit for life post covid-19”**.
- On 30/06/20, all the members of Management sisters and Department Members are attended the superannuation of Dr.K.L. Saraswathi devi, HOD of the Department of Mathematics and Statistics.
- On 15/08/20 the Department celebrated the independent day in **ZOOM** Cloud meeting.
- On 30/11/20 to 05/12/20 All the staff and students are attended the online internship on MATLAB **“ A mathematical tool for advanced mathematical calculations”**

- On 01/12/20 T-TIPS classes was conducted for the staff who have below 5 years experience
- On 10/12/20 All the II M.Sc mathematics and UG mathematics combinations students are participated on “**National Mathematics Day Celebrations**”
- On 12/12/20 All the II M.Sc mathematics and UG mathematics combinations students are participated on “**Role of mathematics in science and technology in poster presentation**”
- on 19/12/21 PG union election for PG departments was held under the guidance of director sister Dr.Sr .Sowrilu from IIM.Sc mathematics A.R.V.Manikyamba elected alumnae president
- On 22/12/20 to 31/12/20 All the IIM.Sc mathematics students are participated on “**Mathematics E-Quiz 2020**”
- On 11/01/21 Conducted the **Rangoli compitation** for both UG and PG students
- On 12/01/21 to 20/01/21 All the IIM.Sc mathematics students are participated in online quiz on “**National youth day 2021 Quize**”

On 27/02/21 Board of studies meeting was held on 27/02/21 in the department of mathematics at 10:30am

**The following members were present for the meeting**

**Chair person** : Mrs.S.Naga durga

**University nominee** : Dr.K.Venkata Rao

**External subject experts** : Dr.CH.Srinivasulu

**Internal subject extert** : Mr. V.Gopinath

**Faculty** : Mrs.M.Durga devi

A.Jyothi

K.Madhavi

**Student representatives:**G.Tejeswi pushpa , A.R.V.Manikyamba

- ❖ On 22/03/21 **Mathematics models developed** by II M.Sc mathematics students 1. Coin jumping puzzle 2. Pencil star 3. Hermono graph
- ❖ On 25/03/21 Paper publication on “**Maximization during a product mix bakery using linear programming technique**” in JETIR with impact factor 5.87 volume -8 ,issue -3 by Mrs.M.Durga devi , Ms.K.Dimple vani , Mrs. S. Nagadurga
- ❖ On 29/03/21 Paper publication on “**Sudoku solving using patterns and graph theory** ” in JETIR with impact factor 5.87 volume -8 ,issue -3 by Mrs.M.Durga devi , Ms.K.Kowsalya , Mrs. S. Nagadurga
- ❖ On 31/03/21 Paper publication on “**A n introduction:Graphs with machine learning**” in JETIR with impact factor 5.87 volume -8 ,issue -3 by Mrs.M.Durga devi , Mrs. S. Nagadurga , Mrs.A.Jyothi
- ❖ On 05/04/21 Paper publication on “**A novel mechanism for linear programming simplex method** ” in IJCRT with ISSN-2320-2882 with impact factor 7.97 volume -9 ,issue -4 by Mrs.M.Durga devi , Ms.B.Kiranmai
- ❖ On 05/04/21 Paper publication on “**An introduction a simple mathematical modeling for covid -19**” in IJCRT with ISSN-2320-2882 with impact factor 7.97 volume -9 ,issue -4 by Mrs.M.Durga devi , Ms.K.Mounika , Mrs. S. Nagadurga