

# Dr. Ambedkar College, Deekshabhoomi, Nagpur

## Department Of Mathematics

Various activities conducted by Mathematics department during March 2017 to March 2018:

1. **Problem Corner for B.Sc. Part I:**

This Activity was conducted by the Department of Mathematics on 3<sup>rd</sup> March 2017 for the students of B.Sc Part I semester I. The motto for conducting such an activity is to create an atmosphere of competition which leads to the development of subject knowledge and generates interest in the students.

2. **Problem Corner B. Sc. Part II:**

This Activity was conducted by the Department of Mathematics on 16<sup>th</sup> March 2017 for the students of B.Sc Part II semester IV. The motto for conducting such an activity is to create an atmosphere of competition which leads to the development of subject knowledge and generates interest in the students.

3. **General Knowledge Test:**

Department of Mathematics conducted General Knowledge Test on 17<sup>th</sup> March 2017 for the students of B.Sc. As the students of graduation have to compete in various examinations after UG, so this activity is conducted to make them aware about how to apply the knowledge imparted to them in the class in solving problems asked in various competitive exams.

4. **Metrological Day**

A guest lecture on the occasion of "Metrological Day" was celebrated on 24th March 2017 by the Department of Mathematics Prof S. M. Pawar was the convenor and Dr. Jitesh Tripathi was the Co-Convenor of the program.

Dr. Nitin Labhshetwar, Principal Scientist, NEERI , CSIR was the guest speaker. The topic of the talk was "Greenhouse emissions: Impacts and Control". He told the students how to control the greenhouse effects and suggested preventive measures. The main motto of the program was to create awareness regarding our ecosystem among the students.

Dr. P.C. Pawar, Principal, Dr. Ambedkar College, Deekshabhoomi, Nagpur, Prof (Ms) Sushama Pawar, HOD, Department of Mathematics, Prof. (Mrs.) B. M. Mehere, HOD, Department of Biochemistry.

The Program was compered by Prof. Ritu kanojiya while vote of thanks was proposed by Prof. (Ms) Sushama Pawar. All worked hard for the success of the program.

5. **Welcome Address:**

Department of Mathematics conducted a program 'Welcome Address' on 25<sup>th</sup> July 2017 for the students of B. Sc Part I. In this program students were given guidance regarding the syllabus of B.Sc. and the university question paper pattern was discussed. The students were also informed about the various activities conducted by the department throughout the year and were encouraged to participate in most of the activities.

6. **Career Opportunities in Mathematics:**

Mathematics is a science which has wide applications in real life. So to create awareness and interest in the very important branch of science called Mathematics, students were introduced to the various career opportunities which are available to them if they make a career in Mathematics viz. Financial Mathematics, Actuarial Science, Applied Mathematics, etc. This Activity was conducted on 22<sup>th</sup> August 2017.

7. **Class Seminar:**

Department of Mathematics conducted Activity "Class Seminar" on the topic "To Find Solutions of First Order Differential Equations" on 23<sup>rd</sup> February, 2018.

8. **Problem Corner:**

Department of Mathematics conducted an activity "Problem Corner" for BSc students of all streams on 5<sup>th</sup> March 2018.

9. **Guest Lecture:**

Department of mathematics has organized a Guest Lecture on the topic " Applications of Difference Equations" for B.Sc. students of all the streams on 8<sup>th</sup> March 2018. Dr. Rajani Shelote, Head, Department of Mathematics, Sant Gadge Maharaj Mahavidyalaya, Hingna, delivered the guest lecture and was appreciated by the student for her efforts.

10. **Welcome Address:**

Department of Mathematics conducted a program 'Welcome Address' on 25<sup>th</sup> July 2018 for the students of B. Sc Part I. In this program students were given guidance regarding the syllabus of B.Sc. and the university question paper pattern was discussed. The students were also informed about the various activities conducted by the department throughout the year and were encouraged to participate in most of the activities.

11. **Use of ICT in Teaching-Learning for B.Sc. Sem I students:**

A whatsapp group named "Mathematics Sem I students" was formed in 27<sup>th</sup> July 2018 for the students of B.Sc. Sem I. This group was mainly created to encourage the students to use the Information and communication technology for learning. The photographs of lectures taken in the class are regularly updated in the Whatsapp group. This helps in the availability of the class notes with each and every student. Further the selected articles are posted on the social networking sites to promote the education.

**12. Use of ICT in Teaching-Learning for B.Sc. Sem III students:**

A whatsapp group named "Mathematics Sem III students" was formed in 1<sup>st</sup> August 2018 for the students of B.Sc. Sem III. This group was mainly created to encourage the students to use the Information and communication technology for learning. The photographs of lectures taken in the class are regularly updated in the Whatsapp group. This helps in the availability of the class notes with each and every student. Further the selected articles are posted on the social networking sites to promote the education.

**13. Use of ICT in Teaching-Learning for B.Sc. Sem V students:**

A whatsapp group named "Mathematics Sem V students" was formed in 3<sup>rd</sup> August 2018 for the students of B.Sc. Sem V. This group was mainly created to encourage the students to use the Information and communication technology for learning. The photographs of lectures taken in the class are regularly updated in the Whatsapp group. This helps in the availability of the class notes with each and every student. Further the selected articles are posted on the social networking sites to promote the education. Students are also encouraged to search and post in the group about the Summer/Winter Schools in Mathematics, Opportunities in Mathematics, etc. held at various Important institutes in India for the Popularization of Mathematics.

**14. Career Opportunities in Mathematics:**

Mathematics is a science which has wide applications in real life. So to create awareness and interest in the very important branch of science called Mathematics, students were introduced to the various career opportunities which are available to them if they make a career in Mathematics viz. Financial Mathematics, Actuarial Science, Applied Mathematics, etc. This Activity was conducted on 23<sup>rd</sup> August 2018.

## Metrological Day



## Welcome Address:



## Career Opportunities in Mathematics:



## Class Seminar:







**Problem Corner:**



**Guest Lecture:**







**Welcome Address 2018:**



## Career Opportunities in Mathematics:

