#### **Guest Lecture**

Department of Mathematics organized a guest lecture on 15<sup>th</sup> March 2023. Resource Person Dr. K. Das, Vice principal, St. Aloysius College Jabalpur, shared her insights on the topic Application of Mathematical Modelling on differential equation, difference equation and Real problem. The students of Mathematics benefited from the lecture.



















## **National Webinar**

Department of Mathematics of St. Aloysius College (Autonomous) Jabalpur and Patna Women's College (Autonomous) Patna organized a National Webinar (22<sup>nd</sup> Dec' 2022) on 'History and Recent Trends in Mathematics'. The day started with the inaugural session followed by a guest lecture by Dr.MandiraKar Head, Department of Mathematics St. Aloysius College (Autonomous) Jabalpur on 'Indian Mathematicians

in the Vedic Age' followed by presentations by students of Patna Women's College Patna. Post lunch session began with a guest lecture by Ms.AlkaKumari Head Department of Mathematics Patna Women's College, Patna on Real Analysis followed by student presentations by St. Aloysius College (Autonomous). Twenty-five students presented their work and were judged by the faculty of both institutions. The event ended with the Valedictory function wherein the 'Aloysian Mathematical Society 2021-2022' was released. The winners of the 'Student Presentation' competition were declared. 125 participants faculty, teachers & professional benefitted from this National webinar



## **National Mathematics Day Celebration**

The students & faculty of the Department of Mathematics St. Aloysius College (Autonomous) Jabalpur celebrated the National Mathematics Day with great zeal & enthusiasm. The winners of the Power Point competition held earlier on 'Legacy of Indian Mathematics and Latest Trends in Mathematics' were declared. A National Webinar 'History & Recent Trends of Mathematics' was also organized in collaboration with Patna Women's College, Patna to mark the auspicious day.

#### **PG Student Workshop**

A workshop was held for post graduate students where they presented research articles &reviews was on 19<sup>th</sup> Nov. '2022. 20 students participated. Their work was done under the guidance of Dr.MandiraKar, Dr.AkhileshPathak&Mr.Satyendra Jain. Several under graduate & post graduate students attended & benefitted from this workshop.



# **Certificate Course- Vedic Mathematics**

Interdisciplinary Certificate Course titled 'Vedic Mathematics' was held from 28<sup>th</sup> Sept. to 18 Nov. '2022. The introductory class was taken by Dr.MandiraKar the coordinator. Dr.ArchanaPasari&Dr.AkhileshPathak were the resource persons. Twenty-one students from different disciplines benefitted.

