



**ଗଣିତ ଓ ପ୍ରୟୋଗ ପ୍ରତିଷ୍ଠାନ**  
**INSTITUTE OF MATHEMATICS AND APPLICATIONS**  
(Science & Technology Department, Govt. of Odisha)  
Andharua, Bhubaneswar-751029. Website: <https://www.iomaorissa.ac.in>

Letter No: IMA/42-Seminar/ 888 /2025

Date: 14.7.2024

**Seminar Notice**


**Date:** Tuesday, July 22, 2025  
**Time:** 3:30 PM – 4:30 PM  
**Venue:** T. Pati Hall, IMA, BBSR  
**Speaker:** Prof. Parasar Mohanty,  
Deptt. of Mathematics & Statistics, IIT Kanpur.  
**Topic:** Maximal Function: A Cornerstone of Modern Analysis.

**Abstract**

The maximal function is one of the most important ideas in modern mathematical analysis. At first glance, it looks like a simple averaging tool, but it turns out to have deep and wide-reaching applications from understanding how functions behave at small scales to helping prove powerful results in harmonic analysis and beyond. In this talk, we will introduce the basic concept of the maximal function, explain why it matters, and show how it appears in many areas of analysis. We will also discuss extensions to more general settings, showcasing the enduring influence and versatility of maximal function techniques.

All are cordially invited to attend the seminar.

This has the approval of Director.

  
**Seminar In-Charge**  
**IMA, Bhubaneswar**

**REGISTRAR**  
Institute of Mathematics and Applications  
Andharua, Bhubaneswar-751029

**Copy forwarded for information and necessary action to:**

1. Prof. Parasar Mohanty, Deptt. of Math. & Stat., IIT Kanpur.
2. The Academic Co-ordinator, IMA.
3. All Faculty Members, All Sections, All Notice Boards of IMA, BBSR.
4. The In-Charge of Public Address System for arrangement of Public Address System at the venue.
5. The System Analyst, IMA to host the notice in IMA website.
6. All Notice Boards of IMA.
7. The Supervisors (Security & Horticulture), IMA for information and needful action.