



Mahatma Phule Shikshan Sanstha's
KARMAVEER BHAURAO PATIL COLLEGE,
URUN-ISLAMPUR
Department of Physics



Activity

Guest Lecture on “Wonderful Discovery of Higgs Boson
(Popularly but Misleadingly Called the ‘God Particle’)”

Date: 03/03/2026

Notice

All the students of T.Y. B.Sc. (Physics) are hereby informed that the Department of Physics, Karmaveer Bhaurao Patil College, Urun-Islampur, has organized a guest lecture on the topic “Wonderful Discovery of Higgs Boson (Popularly but Misleadingly Called the ‘God Particle’)”. The lecture will be delivered by Prof. (Dr.) L. A. Patil on 4th March 2026 at 12:30 PM in the Department of Physics. All students are instructed to attend the lecture compulsorily and be present at the venue at least 10 minutes before the scheduled time. Your active participation will be highly appreciated.

GUEST LECTURE ON

Wonderful Discovery of
Higgs Boson

Popularly (but Misleadingly) Called the “God Particle”

Organized by

Department of Physics
Karmaveer Bhaurao Patil College,
Urun-Islampur

Speaker: Prof. (Dr.) L. A. Patil

Date: 4th March 2026 | Time: 12:30 PM | Department of Physics

Head
Department of Physics
Karmaveer Bhaurao Patil College
Urun-Islampur, Dist-Sangli-415409

Head of Department



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Activity

Guest Lecture on “Wonderful Discovery of Higgs Boson (Popularly but Misleadingly Called the ‘God Particle’)”

Date: 04/03/2026

Activity Title: Guest Lecture on “Wonderful Discovery of Higgs Boson (Popularly but Misleadingly Called the ‘God Particle’)”

Target Audience: B.Sc. III

Speaker: Prof. (Dr.) L. A. Patil

❖ **Objective:**

The primary objective of organizing the guest lecture was to introduce students to the concept of the Higgs Boson and its significance in modern particle physics. It aimed to enhance their understanding of fundamental principles such as the Higgs field and the origin of mass, while also providing exposure to advanced research developments in the field. The lecture sought to stimulate scientific curiosity among students, clarify common misconceptions related to the so-called “God Particle,” and motivate them to pursue higher studies and research in physics. Additionally, it intended to bridge the gap between theoretical knowledge and real-world scientific discoveries through expert interaction.

❖ **Summary:**

The guest lecture was delivered by Prof. (Dr.) L. A. Patil, an eminent physicist with extensive academic and research experience. The session focused on the discovery and importance of the Higgs Boson in the field of particle physics.

The speaker explained the theoretical background of the Higgs field and how it provides mass to elementary particles. He discussed the experiments conducted at CERN using the Large Hadron Collider (LHC) that led to the confirmation of the Higgs Boson in 2012.

The lecture also highlighted why the Higgs Boson is popularly called the “God Particle,” while emphasizing that the term is scientifically misleading. The speaker simplified complex concepts using analogies, diagrams, and real-world examples, making the session highly engaging and informative.

In addition, Prof. Patil shared insights into current research trends, career opportunities in physics, and the importance of interdisciplinary knowledge.

❖ **Outcomes:**

- ✚ Students gained a clear understanding of the Higgs Boson and its role in the Standard Model of particle physics.
- ✚ Awareness about experimental physics and global scientific collaborations increased.
- ✚ Students developed curiosity toward advanced topics like quantum physics and cosmology.
- ✚ The lecture inspired students to consider research careers in physics and related fields.
- ✚ Improved analytical and conceptual thinking among participants.

❖ **Feedback:**

The feedback received from students and faculty members was highly positive and encouraging. Participants appreciated the speaker's ability to explain complex concepts related to the Higgs Boson in a simple and understandable manner. The use of examples and interactive discussion made the session engaging and informative. Students found the lecture inspiring and expressed increased interest in advanced topics of physics and research opportunities. Many suggested that more such guest lectures should be organized regularly to enhance their knowledge beyond the curriculum. Overall, the session was well-received and considered highly beneficial by all attendees.

❖ **Conclusion:**

The guest lecture on the Higgs Boson was highly successful and beneficial for both students and faculty. It provided valuable insights into one of the most significant discoveries in modern physics. The session not only enhanced academic knowledge but also inspired scientific curiosity and research interest among students.

Such activities play a crucial role in bridging the gap between classroom learning and real-world scientific advancements, and the Department of Physics looks forward to organizing more such enriching events in the future.



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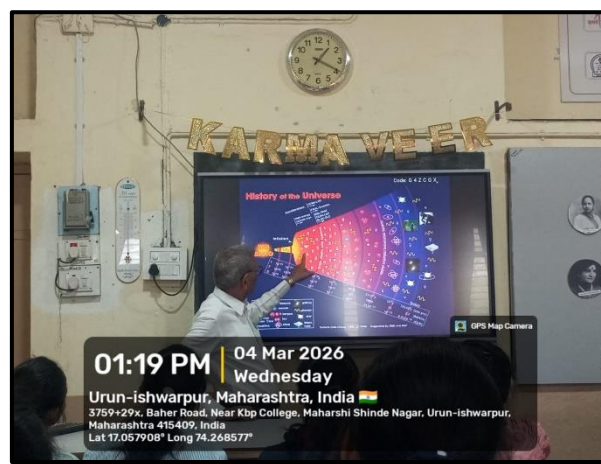


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Date: 04/03/2026

Photo Gallery





Mahatma Phule Shikshan Sanstha's
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Department of Physics



Activity

Guest Lecture on "Wonderful Discovery of Higgs Boson
(Popularly but Misleadingly Called the 'God Particle')"

Date: 04/03/2026

Attendance

Sr.no	Name of Student	Signature
1	Vaishnavi Bhagwat Shendage	BS
2	Sakshi Krushna Kursurge	S.K.
3	Pallavi Popat Sankpal	Sankpal.
4	Pooja Sanjay Kumbhar	Kumbhar
5	Bhumnika Pramod Patil	Patil.
6	Shreya Sadashiv Lahigade	Lahigade.
7	Dipali Dattatray Suryawanshi	Suryawanshi
8	Yadav Aishwarya Nivas	Nivas.
9	Diksha Sanjay Suryawanshi	SJ
10	Aryan Rajendra Pol	AryanPol.
11	Aditya Dipak Panake	Panake.
12	Alvira Elai Nadaf	Alvira..
13	Vaishnavi Sunil Pawar	Pawar.
14	Nikita Kiran Vikkar	NK
15	Shreyash Sunil Kale	Kale.
16	Swapnil Vijay Chalkhe	Chalkhe
17	Sumit Anandrade Mali	S.A.Mali