

Dated: - 10th February 2023

Notice of Guest Lecture

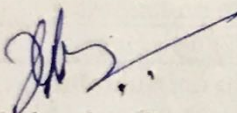
All the teaching staff members are hereby informed that **Department of Chemistry** of our College is organizing guest lecture on 15th February 2023, Wednesday on the topic "**Innovations and Challenges in Sensing Technology**" in association with **Indian Women Scientists' Association (IWSA), Pune Branch**. All Teachers are requested to attend the same.

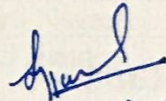
Speaker: Dr. Parag V. Adhyapak, Senior Scientist, Centre for Materials for Electronics Technology (C-MET), Pune 411 008.

Venue: Shantaben Hall

Day & Date: Wednesday, 15th February 2023.

Time: 11.30 am.


Dr. Rajendra Gurao
Principal


Dr. S. M. Hande



Program schedule
Popular Science Lecture

Organized by

Indian Women Scientists' Association, Pune Branch

Supported by Board of Research in Nuclear Sciences (BRNS)-DAE

in association with

Department of Chemistry

Haribhai V. Desai College Arts, Science and Commerce

Budhwar Peth, Behind Shaniwar Wada, Pune-411002

Lecture on

Innovations and Challenges in Sensing Technology

Wednesday, 15th February 2023 at 11.30 am

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|-------------------------------|--|----------------------------------|
| 11.30 a.m. | Welcome Speech | Principal, Dr. Rajendra Gurao |
| 11.35 a.m. | Deep Prajwalan | At the hands of dignitaries |
| 11.40 a.m. | Felicitation of dignitaries | |
| 11.45 a.m. | Introduction of Chief Guest | Dr. G. S. Gugale |
| 11.50 p.m. | Remarks by Chief Guest | Smt. Kirti Nagrecha |
| 11.55 a.m. | Introduction of Coordinator, Popular Science Lecture Series, IWSA, Pune Branch | Dr. Sunil Hande |
| 12.00 p.m. | Information about IWSA by Coordinator, Popular Science Lecture Series, IWSA, Pune Branch | Dr. Nilima Rajurkar |
| 12.05 p.m. | Introduction of Speaker | Dr. Prakash Chhattise |
| 12.10 p.m.- 01.00 p.m. | Lecture on Innovation and Challenges in sensing Technology | Dr. Parag Adhyapak |
| 1.00 p.m. | Handing over the Certificates of Appreciation to Speaker | Dr. Rajendra Gurao |
| 1.05 p.m. | Vote of Thanks | Dr. Vikram Pandit |
| Compering by Dr. Gulab Gugale | | |

Popular Science Lecture Organized by Indian Women Scientists' Association, Pune
Branch

in association with
Department of Chemistry
Haribhai V. Desai College of Arts, Science and Commerce
596, Budhwar Peth, Pune-411002

Lecture on
Innovations and Challenges in Sensing Technology

By
Dr. Parag V. Adhyapak
Senior Scientist

Centre for Materials for Electronics Technology (C-MET), Pune 411 008, India

Wednesday, 15th February 2023 at 11.30 am

Venue: Shantaben Hall

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REPORT

Popular science lecture supported by BRNS-DAE and organized by IWSA, Pune branch in association with Haribhai V. Desai College, Pune-411002.

The lecture under popular science lecture series supported by BRNS-DAE and organized by IWSA, Pune branch in association with Haribhai V. Desai College, Pune-411002 was held on Wednesday, 15 February, 2023 at 11.30 a.m. in the Smt. Shantaben Desai Hall of the college.

Principal, Dr. Rajendra Gurao, welcomed the Guests and gave the information about the college. The program was started with lighting the lamp by the hands of dignitaries. The event was compered by Dr. Sunil Hande, Coordinator of the program. The Guests were felicitated by Honorable Principal Dr. Rajendra Gurao, Dr. Rajashree Patwardhan, Vice Principal and Dr. G. S. Gugale, Head of Chemistry Department. Dr. G. S. Gugale introduced the Chief Guest Smt. Kirti Nagrecha and was followed by her remarks. Dr. Gugale also introduced the Honorable Secretary, Dilipbhai Jagad, Poona Gujarathi Kelvani Mandal, Pune. Dr. Sunil Hande introduced Dr. Nilima Rajurkar, Co-ordinator, popular science lecture series, Pune branch. Dr. Nilima Rajurkar, gave information about IWSA and explained the various activities carried out by IWSA, Pune branch. She appealed the students and staff to be a member of IWSA and participate in various activities. Dr. Prakash Chhattise introduced the speaker, Dr. Parag Adhyapak, Senior Scientist Centre for Materials for Electronics Technology (C-MET), Pune 411008, India and delivered a lecture on the topic on **"Innovations and Challenges in Sensing Technology"**.

The speaker began the lecture with basics of nano technology and explained in detail how sensors play a crucial role in modern electronics. Various types of sensors like energy sensors, flow sensors, humidity sensors, gas sensors, weather prediction sensors, light sensors, temperature sensors, bio-sensors etc. are an integral part of our life. He elaborated his talk on variety of nano-materials for investigation and different applications such as ceramics, oxides, sulfide, metallic nanoparticles, carbon nanotubes, graphene, organic/conducting polymers, and polymer/inorganic hybrid materials. His talk covered overview of development in the field of sensing technology. He encouraged the students for research. After his lecture the students were given time to interact with him. Students felt that the session was more informative and

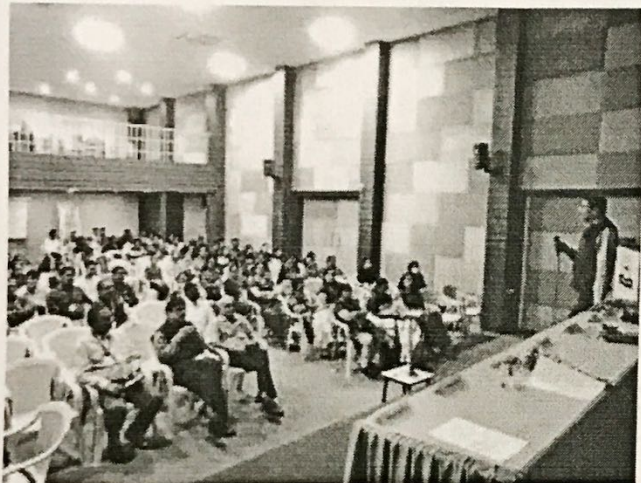
interactive. At the end of the guest lecture, some of the students gave their feedback, and explained how they were benefited.

There were around 100 students and staff participants who attended the lecture. The Lecture was very much appreciated by the students. Students from various subjects like chemistry, Microbiology, Physics, Biological Sciences were participated. The speaker appealed the students to visit the C-MET.

Dr. Gugale G. S., proposed the vote of thanks mentioning special thanks to IWSA headquarters and IWSA, Pune branch for giving us the opportunity to organize the lecture.

Some of the photographs during delivering the lecture are as follows:





1) **Dr. Nilima Rajurkar, Coordinator, Popular Science Lecture Series, IWSA, Pune Branch**

2) **Dr. Sunil Hande, Program Coordinator, Haribhai V. Desai College, Pune-411002**

Hande
Dr. S. M. Hande