



**SANDIP**  
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## School of Pharmaceutical Sciences

Mahiravani, Trimbak Road, Nashik – 422 213

Website: <http://www.sandipuniversity.edu.in> Email : [info@sandipuniversity.edu.in](mailto:info@sandipuniversity.edu.in)

Ph: (02594) 222 541/42 Fax: (02594) 222 555

### EVENT REPORT

#### Guest Lecture on "Modern Quality Control in Industry 4.0: Technologies, Automation & The Future of Quality Management"

|                 |                                                                                                       |
|-----------------|-------------------------------------------------------------------------------------------------------|
| Date            | 16 August 2026 (Sunday)                                                                               |
| Time            | 7:30 PM                                                                                               |
| Platform        | Zoom                                                                                                  |
| Speaker         | Dr. Amira Elfekky<br>Lecturer, Faculty of Graduate Studies for Statistical Research, Cairo University |
| Target Audience | B.Pharm & M.Pharm Students                                                                            |
| Coordinator     | Dr. Sandhya Borse                                                                                     |
| Participants    | B.Pharm & M.Pharm Students                                                                            |
| Organized By    | School of Pharmaceutical Sciences, Sandip University                                                  |

#### Objective

The primary objective of this guest lecture was to familiarize B.Pharm and M.Pharm students with modern approaches to quality control and quality management in the context of Industry 4.0. The session aimed to provide an understanding of industrial revolutions, emerging technologies, automation, analytics, artificial intelligence and data-driven approaches used in contemporary quality systems. It also sought to highlight the transition towards Quality 4.0 and encourage students to understand how digital technologies can support efficient, consistent and future-ready quality management practices.

#### Brief Report

The School of Pharmaceutical Sciences, Sandip University organized an online academic session on "Modern Quality Control in Industry 4.0: Technologies, Automation & The Future of Quality Management" on 16 August 2026 through the Zoom platform. The session was delivered by Dr. Amira Elfekky, Lecturer, Faculty of Graduate Studies for Statistical Research, Cairo University. The supplied event materials document participation by students and faculty members through the online platform.

The presentation introduced the evolution of industrial revolutions and connected the development of Industry 4.0 with changing approaches to quality control. The speaker discussed technology-driven quality systems, including automation, analytics, quality technologies, AI and data, and Industry 4.0. The presentation also addressed the





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transformation of quality control through technology and the emergence of Quality 4.0, emphasizing the changing role of quality professionals in modern environments.

The session was conducted as an online academic interaction, with presentation sharing and participation through Zoom. The available event photographs document the lecture presentation and participation of students and faculty members.

### Outcomes

- Enhanced understanding of the evolution of industrial revolutions and the concept of Industry 4.0.
- Improved awareness of modern technologies used to transform quality control.
- Increased understanding of automation, analytics, AI and data-driven approaches in quality management.
- Developed awareness of the transition from traditional quality practices towards Quality 4.0.
- Improved understanding of the changing role and skills of quality professionals in technology-enabled environments.
- Encouraged students to relate emerging digital technologies with contemporary pharmaceutical quality-control and quality-management practices.





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### Event E-Banner



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## SANDIP UNIVERSITY — SCHOOL OF PHARMACEUTICAL SCIENCES —

Online Academic Session on

### Modern Quality Control in Industry 4.0:

Technologies, Automation &  
The Future of Quality Management

Automation Analytics Quality AI & Data Industry 4.0

*Speaker*

**Dr. Amira Elfekky**  
Lecturer, Faculty of Graduate Studies for  
Statistical Research, Cairo University

ONLINE SESSION

zoom

Sunday  
16-08-2026

7:30 PM

Connect • Learn • Innovate • Advance Quality Together



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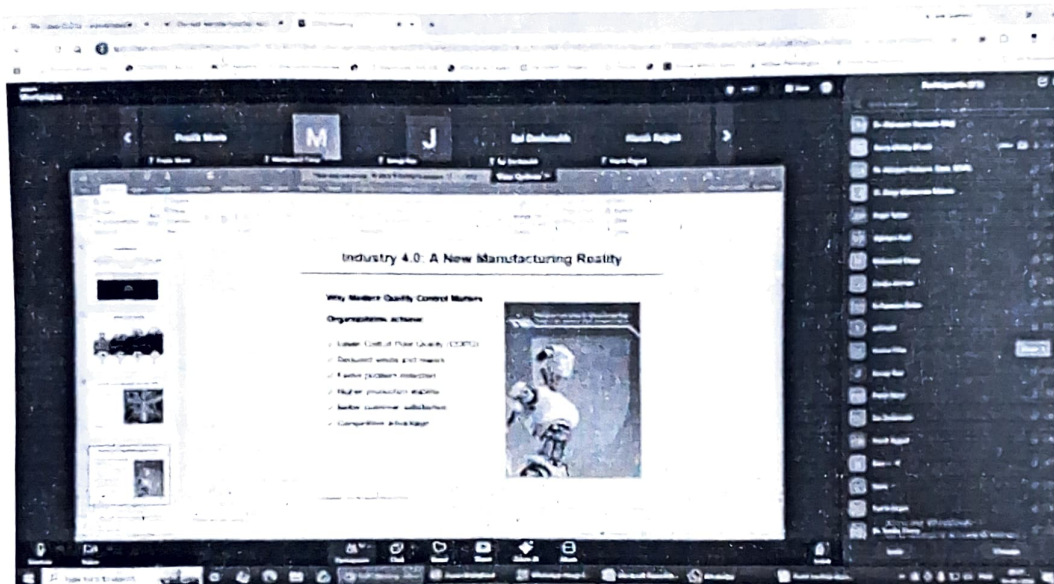
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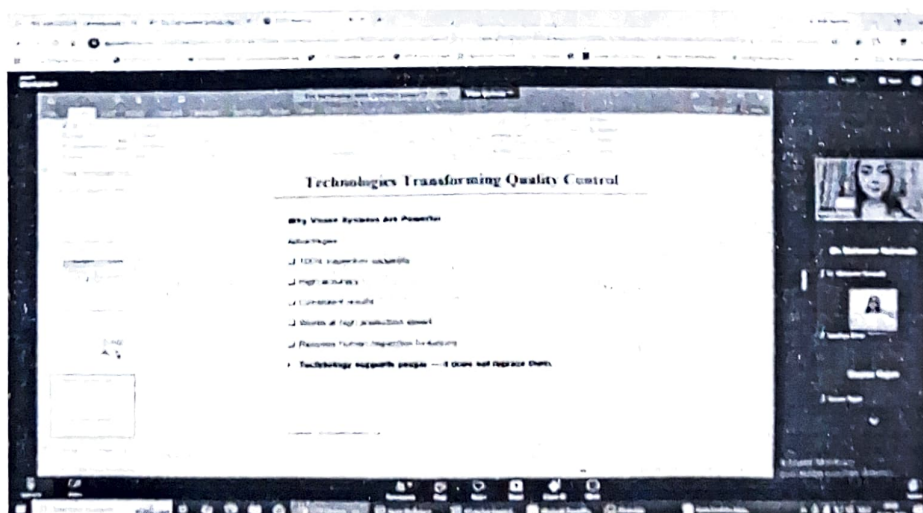
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### Event Photographs



*Caption: Dr. Amira Elfekky delivering the guest lecture on "Modern Quality Control in Industry 4.0: Technologies, Automation & The Future of Quality Management."*





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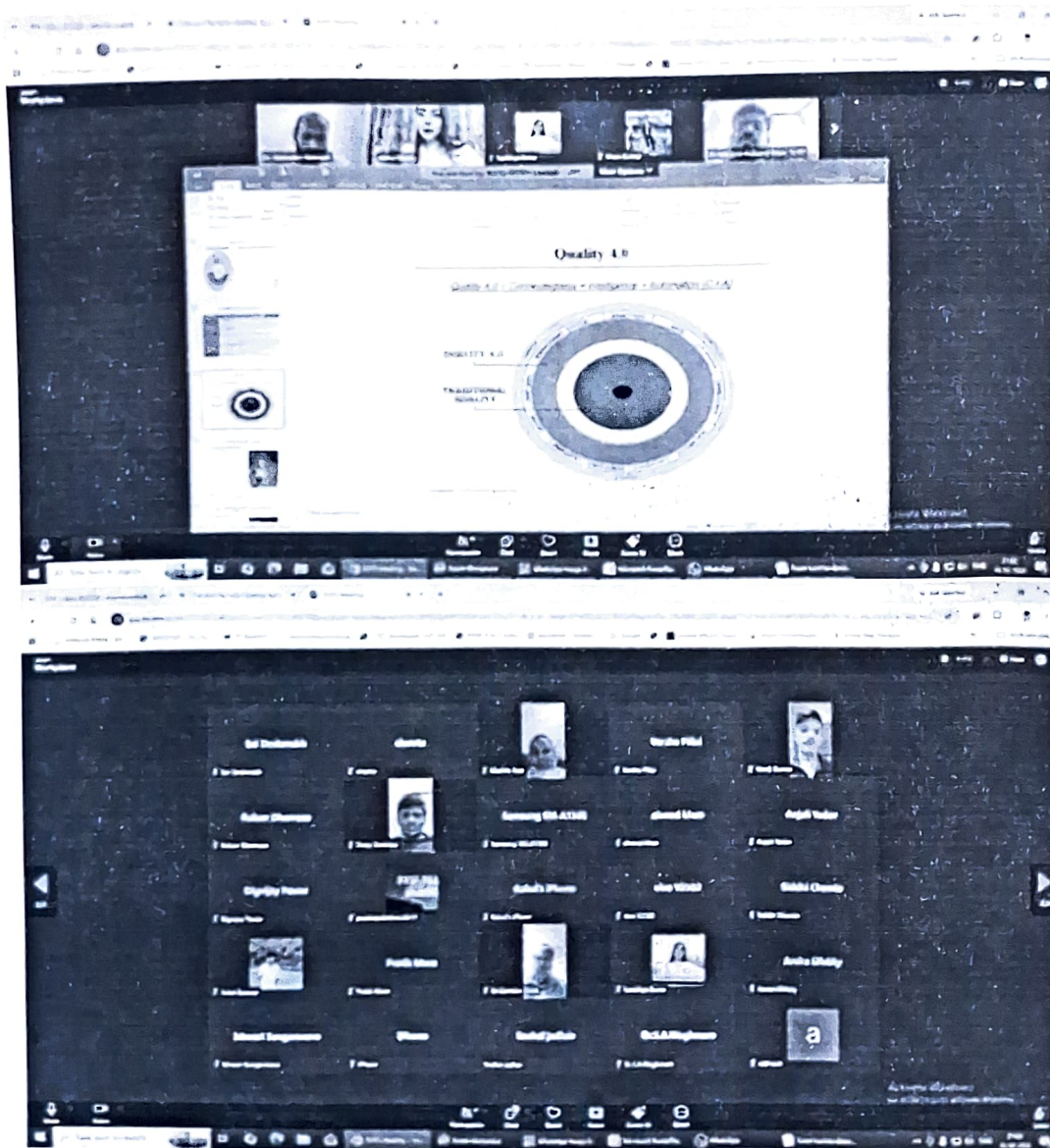
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*Caption: Presentation segment on Quality 4.0 and the transition from traditional quality approaches.*





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*Caption: Participants attending the online guest lecture through Zoom.*

**Event Coordinator**

(Dr. S.L. Borse)

**Dean**

