



“ONE HEALTH”

REPORT ON “ONE HEALTH” MONTH

01ST – 30TH November 2025

Department of Community Medicine, Pt. J.N.M. Medical College, Raipur, Chhattisgarh
(IAPSM & ICMR Joint Initiative)

Background

“One Health” is a globally recognised approach that emphasises the interconnectedness of human health, animal health, and environmental health. It has gained significant importance in addressing emerging public health threats such as zoonotic diseases, antimicrobial resistance (AMR), and ecological imbalances in alignment with the national initiative led jointly by IAPSM and ICMR, the Department of Community Medicine, Pt. J.N.M. Medical College, Raipur, organised a series of academic activities to promote awareness and strengthen interdisciplinary understanding of the One Health framework.

Under the esteemed guidance of Associate Professor & Head, Dr. Shubhra Agrawal Gupta, the department conducted a Continuing Medical Education (CME) session on 13th November 2025, titled **“One World, One Health: United for Human–Animal–Environment Well-being”**. The programme was organised in collaboration with the Departments of Microbiology and Pharmacology, ensuring a multidisciplinary academic platform. The CME aimed to sensitise medical students, postgraduates, and faculty members about the urgent need for collaborative approaches in addressing public health challenges that span across species and ecosystems.

As part of the ongoing One Health awareness initiative, the department also organised One Health Quiz. The quiz was conducted under the leadership of the Head of Department and with the support of all faculty members of Community Medicine. The activity was designed to enhance conceptual clarity, promote competitive learning, and engage undergraduate MBBS students in an interactive format. Students from multiple batches registered for the event, and the quiz incorporated key domains of One Health, including zoonoses, environmental determinants, integrated surveillance, and AMR.

The initiative received enthusiastic participation from MBBS students, postgraduate residents, and faculty members. The successful conduct of both the CME and Quiz reflects the department’s commitment to strengthening One Health literacy and contributing to national capacity building in public health.



Report on Continuing Medical Education (CME) Programme on “One World, One Health: United for Human–Animal–Environment Well-being”

Date: 13th November 2025

Venue: Department of Community Medicine, Pt. J.N.M. Medical College, Raipur

Organised under the guidance of:

Dr. Shubhra Agrawal Gupta, Associate Professor & Head, Department of Community Medicine

In collaboration with:

- Department of Microbiology
- Department of Pharmacology

Background and Objective

The Department of Community Medicine successfully organized a CME on the theme **“One World, One Health: United for Human–Animal–Environment Well-being”**, an initiative jointly supported by **IAPSM and ICMR**. The primary objective of the CME was to enhance understanding of the **One Health approach**, emphasising multisectoral coordination to address interconnected risks involving humans, animals, and the environment.

Conducted by:

1. Dr Sandeep Agrawal, Assistant Professor, Department of Community Medicine
2. Dr Rukhsar Khan, Senior Resident, Department of Community Medicine
3. Dr Janmenjay Patra, Senior Resident, Department of Community Medicine

Scientific Sessions

Sessions were delivered by faculty and residents from the Department of Community Medicine and the Microbiology department.

1. **Dr. Kamlesh Jain**, Associate Professor (Department of Community Medicine)
2. **Dr. Rupam Gahlot**, Associate Professor (Department of Microbiology)
3. **Dr. Sandeep Agrawal**, Assistant Professor (Department of Community Medicine)
4. **Dr. Janmenjay Patra**, Senior Resident (Department of Community Medicine)
5. **Dr. Dinesh Sahu & Dr. Sarthak Nanda**, PG Residents (Department of Community Medicine)

A special session on **Antimicrobial Resistance (AMR)** was conducted by a senior faculty member from the **Department of Microbiology**, emphasising global AMR threats and the critical role of integrated surveillance. Speakers highlighted core concepts of One Health, current global challenges, zoonotic disease preparedness, and opportunities for interdisciplinary collaboration.

Outcome

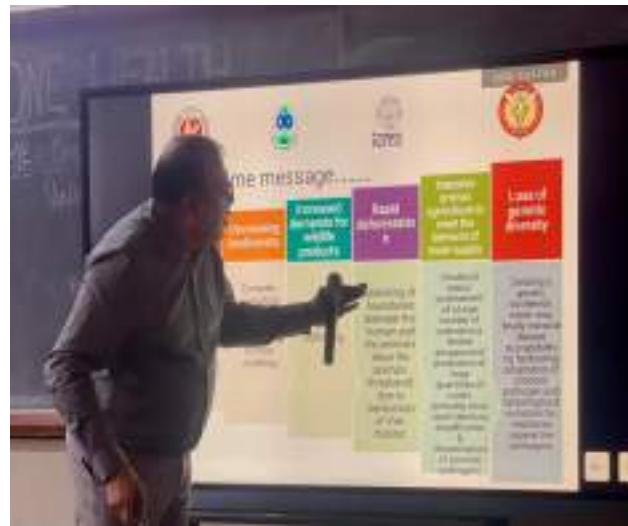
The CME was attended by undergraduate students, postgraduates, and faculty members across departments. Participants appreciated the clarity, relevance, and practicality of the sessions, which helped reinforce the importance of collaborative health approaches in modern public health practice.



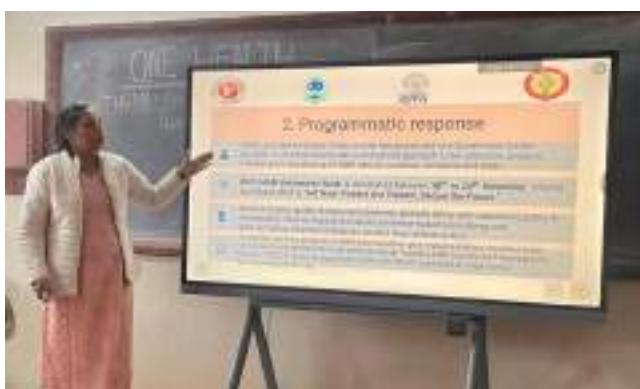
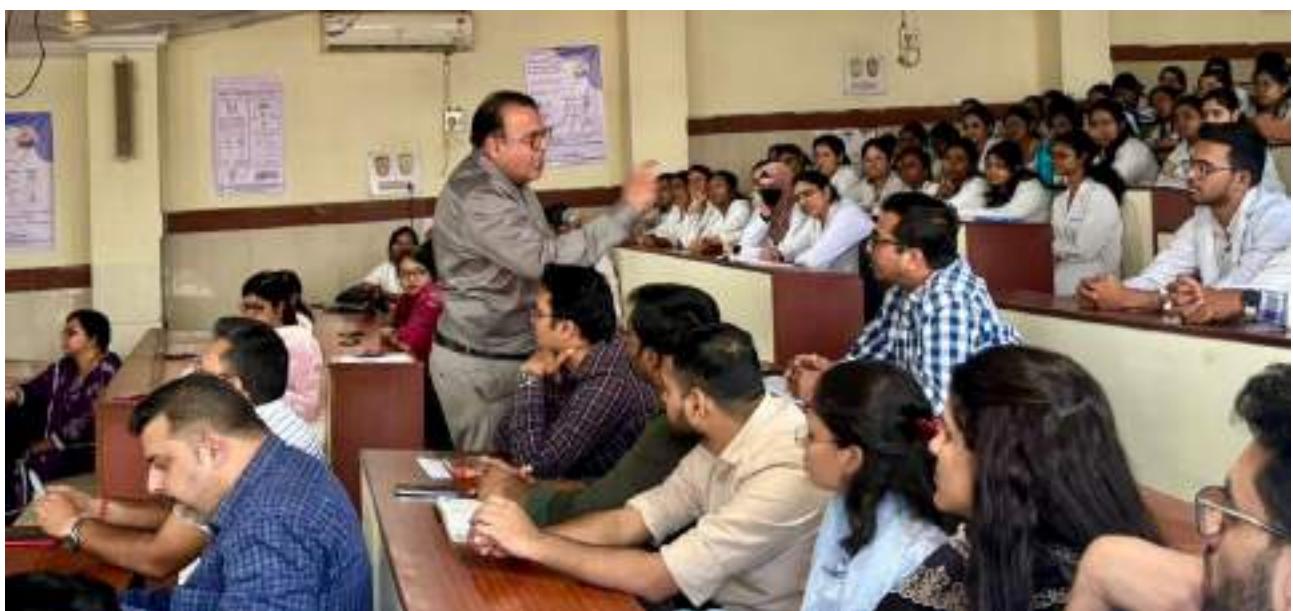
EVENT PHOTOGRAPHS:



Dr Shubhra Agrawal Gupta, addressing Participants during the Introductory Session



Dr Kamlesh Jain, taking a session on Urbanization and One Health



Dr Rupam Gahlot is taking a session on Antimicrobial Resistance



Dr Shailendra Agrawal, felicitating Dr Sandeep Agrawal after the session on Environmental Health



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Dr Dinesh Sahu felicitating Dr Janmenjay Patra, after session



Dr Sarthak Nanda, taking a session on One Health



Departmental Photograph during and after CME on ONE HEALTH



One Health CME

15 November 2025 at 16:19 F Pt. J.N.M.M.C Raipur



Dr Vibha Chhediaha, PG Resident, (Department of Community Medicine) Participated in E-POSTER making Competition organised by One Health Mission along with IAPSM & ICMR Joint Initiative.

E-POSTER made by Dr Vibha:

Theme—“One Health: Connecting Human, Animal, and Environmental Health”

Key principle

- 1) Integrated disease surveillance
- 2) Strengthening prevention
- 3) Joint outbreak response
- 4) Pandemic preparedness

Environment health

- Avoid open defecation
- Avoid unsafe disposal
- Protect the water source
- Reduce plastic pollution
- Stop deforestation

Human Health

- Promote hand hygiene, Vaccination
- Safe food handling
- Rationale use of antibiotics.
- Practice low carbon emission.

Animal health

- Ensure Regular veterinary checkup & vaccination
- Prevent zoonotic diseases like Rabies, leptospirosis, Brucellosis.

Communication

Collaboration

Coordination

“Vasudhaiva Kutumbakam” or “World is one Family”



Photographs: Dr Rukhsar Khan and the postgraduate residents from the PSM department





Report on “One Health Quiz – Preliminary Round”

Date: 21 November 2025

Time: 1:00 PM

Venue: CHO Room, Department of Community Medicine

The **Preliminary Round of the One Health Quiz** was conducted with enthusiastic participation from **24 MBBS students**, divided into **eight mixed teams** across the **2023, 2024, and 2025 batches**. The activity was held smoothly under the guidance of HOD ma'am **Dr. Shubhra Agrawal Gupta**.

Questions covered essential aspects of One Health, including human–animal–environment interactions, zoonotic diseases, AMR, ecosystem factors, and public health preparedness.

Based on the scores, **four teams were selected for the Final Round**, scheduled for 26 November 2025. Students actively engaged in the quiz, demonstrating curiosity and strong participation.

We express our gratitude to the **State Nodal and National Nodal Authorities** for their ongoing support.

Glimpses from the event were shared with all participants.

College Nodal Officers:

- **Dr. Sandeep Agrawal**
- **Dr. Rukhsar Khan**



QUIZ PRELIMINARY ROUND PHOTOGRAPHS:





Report on “One Health Quiz – Final Round”

Date: 26 November 2025

Time: 2:00 PM – 4:00 PM

Venue: Lecture Hall 4, Department of Community Medicine

Guidance & Leadership:

- Dr Shubhra Agrawal Gupta, Associate Professor & Head
- Faculty members of the Department of Community Medicine

Conducted by:

4. Dr Sandeep Agrawal, Assistant Professor, Department of Community Medicine
5. Dr Rukhsar Khan, Senior Resident, Department of Community Medicine

Overview

The final round of the Quiz on One Health was conducted as part of the national-level initiative supported by the *IAPSM & ICMR Joint Initiative*. The quiz aimed to strengthen students' understanding of the One Health approach through interactive learning.

A total of four teams participated in the final round with exemplary enthusiasm.

Team Composition and Scores

Team	Members	Score
Team 1	Anuradha Agarwal (2023), Dipesh Patel (2023), Meenakshi Soni (2024)	250
Team 2	Vinita (2024), Sweety (2024), Aastha Pathak (2024)	60
Team 3	Roshan Singh (2024), Nikhil Kumar (2024), Mahesh (2024)	45
Team 4	Niharika Pandey (2024), Ashna Gupta (2025), Arpita Rathore (2025)	175

Results

- **1st Position: Team 1**
- **2nd Position: Team 4**
- **3rd Position: Team 2**
- **4th Position: Team 3**

Participation & Engagement

The event was attended by approximately **170 MBBS final-year students**, PG residents, and faculty members. All rounds were conducted smoothly, with active participation from the audience making the event engaging and lively.



The quiz covered:

- ◆ One Health concept
- ◆ Zoonotic diseases
- ◆ Environmental health
- ◆ AMR and integrated surveillance
- ◆ Public health preparedness

The session concluded with positive feedback and improved understanding of the One Health approach among students.

QUIZ FINAL ROUND PHOTOGRAPHS



Dr Rukhsar Khan, SR, Quiz Master Conducted the Quiz Rounds along with Dr Sandeep Agrawal, College Nodal for ONE HEALTH



Round	Team (1)	Team (2)	Team (3)	Team (4)
Round 1	40	20	40	40
Round 2	80	0	0	40
Round 3	70	40	0	55
Round 4	55 245	-5 55	0 40	25 28
Round 5	5	5	5	15
Total	250 FIRST	60 THIRD	45 FOURTH	175 SECOND

Score Board of Quiz



Photographs during the Quiz



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Team 4 Photograph answering during the QUIZ

3. Acknowledgement

The Department of Community Medicine expresses its sincere gratitude to all individuals and collaborating departments whose support made the **One Health CME** and **One Health Quiz** possible.

We extend our heartfelt thanks to:

- **Dr. Vivek Choudhary, Dean, Pt. J.N.M. Medical College, Raipur**, for providing institutional support and encouragement for organising these academic activities.
- **National Nodal Authorities and State Nodal Dr. Sameer Kumar Painkara (IAPSM & ICMR)** for their guidance and continuous support in implementing the One Health initiative.
- **Dr. Shubhra Agrawal Gupta**, Associate Professor & Head, Department of Community Medicine, for guidance and support.
- **Dr Sandeep Agrawal, College Nodal Assistant Professor, College Nodal** and **Dr Rukhsar Khan**, Senior Resident, Department of Community Medicine, for smoothly conducting the entire events of ONE HEALTH and for sensitising medical students and postgraduates about interdisciplinary understanding of the One Health framework.
- The **Department of Pharmacology** and the **Department of Microbiology** for their valuable academic collaboration and significant contributions to the interdisciplinary discussions on One Health.
- **All faculty members, postgraduate residents, and supporting staff** of the Department of Community Medicine for their dedicated involvement and seamless coordination during both events.
- **Undergraduate MBBS students**, whose enthusiastic participation enriched the quality and outcome of the CME and the Quiz.

Their collective efforts ensured the smooth and successful conduct of the programmes.