Mungasaji Maharaj Mahavidyalaya, Darwha

Library

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Department of Science in Collaboration with IQAC

Report
of the
Poster Competition
and

Workshop on AI: The Future of Learning

This report highlights key insights and innovations from the poster competition and the workshop.

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Submission Letter for the Report

To The Principal, Mungasaji Maharaj Mahavidyalaya, Darwha

Subject: Submission of Report on Poster Competition & Workshop on AI: The Future of Learning

Respected Sir,

We are pleased to submit the report on the **Poster Competition** and **Workshop on AI: The Future of Learning**, organized on **7th March 2025** as part of the **National Science Day** celebrations. The event, conducted by the Library and Department of Science in collaboration with IQAC, witnessed enthusiastic participation from students and faculty members.

The poster competition, themed "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat," focused on key sub-themes:

- Energy Conservation for Sustainable Development
- Green Technology for Sustainable Development

The workshop on AI provided valuable insights into the role of Artificial Intelligence in education, highlighting emerging trends and AI-driven teaching-learning methodologies.

We extend our sincere gratitude for your continuous guidance and support in making this event a success. We hope to organize more such initiatives to foster scientific knowledge and technological advancements among students.

Kindly accept this report for your reference and records.

Thank you.

Sincerely,

Dr. Amol G. Wakode Librarian Prof. Dr. Nazia Rashidi IQAC Coordinator

Rushidi

Prof. Dr. P. D. Bageshwar HOD Science Department

IQAC Coordinator Mungasaji Maharaj Mv. Darwha Head
Department of physics
M.M.College, Darwha

Librarian Mungsaji Maharaj Mahavidyataya, Darwha

Introduction

To commemorate National Science Day 2025, the Library and Department of Science in collaboration with IQAC of Mungasaji Maharaj Mahavidyalaya, Darwha, organized a Poster Competition and Workshop on AI: The Future of Learning. This event aimed to engage students and faculty in meaningful discussions about scientific advancements. sustainability, and the role of artificial intelligence (AI) in education. With a strong emphasis on scientific exploration and technological innovation, the event provided a platform for students to showcase their ideas, creativity, and understanding of cutting-edge developments.

Poster Competition: Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat

The poster competition was centered around the theme: "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat." This theme resonated with the vision of fostering a technologically advanced and self-reliant India, encouraging young minds to contribute toward national progress through scientific and innovative solutions.

Participants were encouraged to create posters based on two sub-themes:

- 1. Energy Conservation for Sustainable Development Addressing strategies to optimize energy usage, renewable energy solutions, and sustainable energy policies for a greener future.
- 2. **Green Technology for Sustainable Development** Exploring the role of ecofriendly technologies, waste reduction methods, and innovative sustainable solutions for environmental preservation.

The competition saw an enthusiastic participation of 136 students, who presented 26 posters on diverse scientific topics. Their creative and research-driven approach demonstrated a deep understanding of environmental sustainability and technological advancements. The event allowed students to hone their critical thinking, problem-solving, and communication skills while inspiring them to develop innovative solutions for real-world challenges.

Workshop on AI: The Future of Learning

Alongside the poster competition, a highly engaging workshop on AI and its applications in education was conducted by **Dr. Vivek Jagtap**, Librarian at S.P.M Science & Gilani Arts, Commerce College, Ghatanji. The workshop explored the transformative role of Artificial Intelligence in learning, highlighting how AI-powered tools can revolutionize education by offering personalized learning experiences, intelligent tutoring systems, and automated assessments.

Dr. Jagtap provided valuable insights into the following key aspects of AI in education:

The impact of AI on modern learning techniques, including adaptive learning platforms that cater to individual student needs.

Integration of AI-driven technologies into the classroom to enhance engagement and efficiency.

Future trends in AI and education, emphasizing how educators can leverage AI for curriculum development, student assessment, and interactive learning.

The workshop attracted a large audience of students and faculty members who actively participated in discussions and hands-on activities, fostering a deeper understanding of AI's potential in the educational domain.

Title of the event

Poster Competition &

Workshop on AI: The Future of Learning

Date & Venue

7th March 2025

Seminar Hall,

Mungasaji Maharaj Mahavidyalaya, Darwha

Chief Guest & Resource Person

Chairman & Chief Guest:

Dr. S. B. ChakavePrincipal
Mungasaji Maharaj Mahavidyalaya, Darwha

Inaugurator & Resource Person:

Dr. Vivek JagtapLibrarian, S. P. M. Science & Gilani Arts,
Commerce College, Ghatanji

Objectives of the Poster Competition and Workshop on Al

The Poster Competition and Workshop on AI: The Future of Learning, organized as part of National Science Day 2025 at Mungasaji Maharaj Mahavidyalaya, Darwha, aimed to foster scientific curiosity, promote sustainability, and explore the transformative role of Artificial Intelligence in education. The key objectives of the event were:

Objectives of the Poster Competition

- 1. Encouraging Scientific Innovation To inspire students to develop creative and research-based ideas in the fields of science, technology, and sustainability.
- 2. Promoting Leadership in Science & Innovation To align with the theme "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat" by nurturing future leaders in STEM fields.
- 3. Raising Awareness on Sustainable Development To educate participants about Energy Conservation and Green Technology as crucial solutions for a sustainable future.
- 4. Enhancing Critical Thinking & Problem-Solving To provide students with an opportunity to analyze real-world challenges and propose innovative solutions through visual representation.
- 5. Encouraging Collaborative Learning To promote teamwork and knowledge-sharing among students by allowing them to present their ideas in a competitive yet educational environment.
 - 6. Developing Communication Skills To help students improve their ability to convey scientific concepts effectively through poster presentations.

Objectives of the Workshop on Al: The Future of Learning

- 1. Understanding AI in Education To introduce participants to the impact of AI on modern education, including personalized learning, intelligent tutoring, and automated assessment.
- 2. Exploring AI-driven Technologies To familiarize students and teachers with emerging AI-based educational tools and platforms.
- 3. Enhancing Digital Literacy To equip participants with knowledge of AI applications that

can enhance learning outcomes and improve teaching methodologies.

- 4. Promoting Research & Innovation To encourage educators and students to explore AI's potential for creating innovative educational experiences.
- 5. Bridging the Gap between Technology & Learning To highlight the role of AI in making education more accessible, inclusive, and efficient.
- 6. Fostering Hands-on Learning To provide practical demonstrations and interactive discussions on the latest AI advancements in education.
- 7. Encouraging Ethical AI Use To discuss the ethical considerations of AI implementation in education and the importance of responsible AI usage.

Outcome of the the Programme

The Poster Competition and Workshop on AI: The Future of Learning, organized at Mungasaji Maharaj Mahavidyalaya, Darwha, on the occasion of National Science Day 2025, successfully fulfilled its objectives by engaging students and educators in scientific exploration, sustainability discussions, and AI-driven learning advancements. The event saw enthusiastic participation and generated insightful discussions on key topics.

Outcomes of the Poster Competition

- 1. Increased Awareness on Science and Sustainability
 - Participants gained a deeper understanding of the National Science Day 2025 theme: "Empowering Indian Youth for Global Leadership in Science and Innovation for Viksit Bharat."

- The competition fostered awareness about the sub-themes:
 - Energy Conservation for Sustainable Development
 - Green Technology for Sustainable Development
- 2. Enhanced Creativity and Scientific Thinking
 - Students developed critical thinking skills by analyzing realworld challenges related to energy conservation and green technology.
 - Innovative solutions and ideas were presented through visually engaging posters, highlighting the students' ability to communicate scientific concepts effectively.
 - 3. Encouraged Research and Collaboration
 - The event provided a platform for teamwork as students collaborated on research-based poster presentations.
 - It encouraged cross-disciplinary discussions, promoting interactions between students from different academic backgrounds.
 - 4. Recognition of Talent and Motivation for Future Innovations
 - The best posters were recognized and awarded, boosting students' confidence and motivation to explore STEM fields further.
 - Participants were inspired to continue their journey in scientific research and contribute innovative ideas toward a sustainable future.

The Winner of the Poster Competition

1st Rank: Mr. Om Raut (M. Sc. I Physics)

2nd Rank: Mr. Mohan Kawle & Group (B. Sc. III)

Mr. Roshan Jadhav (M. Sc. II Mathematics)

3rd Rank: Ms. Samrudhi Ingole & Group (B. Sc. I)

Ms. Vaishnavi Thakare (B. Sc. II)

Outcomes of the Workshop on Al: The Future of Learning

- 1. Understanding AI's Role in Education
 - Participants gained insight into AI-driven learning tools, such as adaptive learning platforms, intelligent tutoring systems, and automated assessments.
 - Educators learned how to integrate AI technologies into their teaching methodologies for enhanced student engagement.
- 2. Hands-on Exposure to AI Technologies
 - Students and teachers explored practical applications of AI in education through interactive sessions and demonstrations.
 - The session introduced participants to AI-based platforms that personalize learning experiences and improve knowledge retention.
- 3. Bridging the Gap between Traditional and AI-driven Education
- The workshop helped teachers understand how AI can assist in curriculum planning, student progress tracking, and classroom management.
- Students discovered how AI tools can provide self-paced learning experiences tailored to their needs.
 - 4. Encouragement for AI Research and Development

- The event inspired students to pursue further research in AI and its applications in education.
- It encouraged educators to adopt AI-powered teaching methods to create more dynamic and inclusive learning environments.
- 5. Ethical and Responsible AI Awareness
- Participants discussed the ethical considerations of AI in education, emphasizing data privacy, bias in AI models, and responsible AI implementation.

One of the Students of M. Sc. Chemistry I **Laiba Firdous Shaikh Nisar** prepared a Power Point Presentation using Canva

LAIBA FIRDOUS
SHAIKH NISAR
10 MARCH 2025
MUNGASAJI MAHARAJ
MAHAVIDYALAYA
DRAWHA



Brochure of the Workshop



Banner of the Workshop

Banner of the Poster Competition



NATIONAL SCIENCE DAY **Poster Competition** Workshop on Al: The Future of Learning **Resource Person** Dr. Vivek Jas Librarian S. P. M. Science & Gilani Arts, Commerce College, Ghatanji 7 March, 2025 11 am

Seminar Hall

Prof. Dr. P. D. Bageshwar HOD, Physics & Science Facult

Newspaper Cutting of the Programme

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कृत्रिम बुद्धिमत्ता हे आधुनिक युगातील क्रांतीचे प्रतीक : डॉ. विवेक जगताप

प्रतिनिधी । दारव्हा

मुंगसाजी महाराज महाविद्यालय, दारव्हा येथील ग्रंथालय आणि विज्ञान विभागाच्या संयुक्त विद्यमाने राष्ट्रीय विज्ञान दिनाच्या निमित्ताने पोस्टर स्पर्धा आणि " कृत्रिम बुद्धिमत्ता: शिक्षणाचे भविष्य" या विषयावर कार्यशाळेचे आयोजन करण्यात आले.

ही कार्यशाळा शिक्षक आणि विद्यार्थ्यांना कृत्रिम बुद्धिमत्तेच्या (AI) मदतीने शिक्षण कसे अधिक प्रभावी आणि सलभ करता येईल याबाबत माहिती देण्यासाठी आयोजित करण्यात आली होती. कार्यशाळेमध्ये एआयच्या विविध शैक्षणिक तंत्रज्ञानांचा उपयोग, शिक्षणातील नवीन ट्रेंड्स आणि नाविन्यपूर्ण संकल्पना यावर सखोल चर्चा झाली. कार्यक्रमाचे उद्घाटन कार्यशाळेचे प्रमुख मार्गदर्शक डॉ. विवेक जगताप (ग्रंथपाल, एस. पी. एम. सायन्स व गिलानी आर्ट्स, कॉमर्स कॉलेज, घाटंजी) यांच्या हस्ते करण्यात



आले. यावेळी त्यांनी एआयच्या शैक्षणिक उपयोगांवर सविस्तर मार्गदर्शन केले. महाविद्यालयाचे प्राचार्य डॉ. एस. बी. चकवे हे कार्यक्रमाच्या अध्यक्षस्थानी होते. या कार्यशाळेत सहभागी शिक्षक व विद्यार्थ्यांनी शिक्षणात एआयचा वापर कसा करता येईल, त्याचे फायदे, तसेच AI आधारित नवीन शिक्षण पद्धती यावर चर्चा केली. एआय आधारित स्मार्ट लर्निंग प्लॅटफॉर्म, अडॅप्टिव्ह लर्निंग तंत्रज्ञान आणि बुद्धिमान शिक्षण प्रणाली यांसारख्या महत्त्वपूर्ण विषयांवर प्रात्यक्षिकासह माहिती देण्यात आली.

कार्यक्रमाचे आयोजन प्रा. डॉ. पी. डी. बागेश्वर, प्रा. डॉ. नाझिया रशिदी, प्रा. डॉ. वाय. एस. सोलंके आणि डॉ. ए. जी. वाकोडे यांच्या मार्गदर्शनाखाली करण्यात आले.

या उपक्रमामुळे विद्यार्थ्यांना एआयच्या संधी आणि आव्हानांची जाणीव होऊन भविष्यातील शिक्षण प्रणालीत त्याचा कसा प्रभाव पडेल हे समजण्यास मदत झाली. पोस्टर स्पर्धेत विजेत्यांना प्रमाणपत्र आणि पारितोषिके देऊन गौरवण्यात आले.

कार्यशाळेच्या यशस्वी आयोजनाबद्दल महाविद्यालयाच्या प्राचार्य, ग्रंथपाल, विज्ञान विभाग आणि संपूर्ण व्यवस्थापन समितीचे कौतुक करण्यात आले. कार्यक्रमाचे संचालन कु. असरा सय्यद आणि आभार प्रदर्शन प्रा. नेहा माहुरकर यांनी केले. या कार्यक्रमाच्यांनी केले. प्रांतेलाल भागवत श्री. गणेश वानखंडे, श्री. विकास पाईकराव, श्री गजेंद्र इरवे, श्री मनीष लांजेवर, श्री. विनोद ईंगोले, श्री. राजू मनवर यांनी परिक्षम घेतले, विद्याध्यांनीही या उपक्रमाबदल उत्स्पूर्ण प्रतिक्रिया व्यवत केल्या आणि भविष्यात अशा उपयुक्त कार्यशाळांचे आयोजन करण्यांची मागणी केली.

Sample of Certificate

QG6MBO-CE000090

10-3-2025

Mungasaji Maharaj Mahavidyalaya, Darwha District: Yavatmal (M. S.)

Poster Competition and

Workshop on Al: The Future of Learning

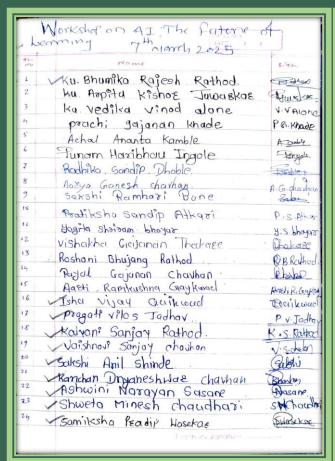
CERTIFICATE

This is to certify that Ahwn Narayan Fasane Student of Mungasaji Maharaj Mahavidhyalay, Darwha has actively participated in Poster Competition and Workshop on AI: The Future of Learning organised by Library & Department of Science in Collaboration with IQAC of Mungasaji Maharaj Mahavidyalaya, Darwha on 07/03/2025.

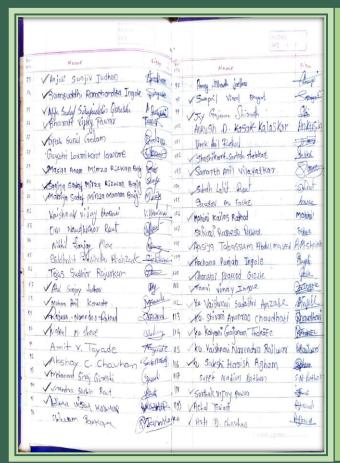
Dr. Amol G. Wakode Librarian Prof. Dr. Nazia Rashidi IOAC Coordinator

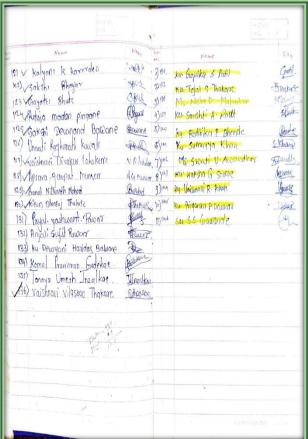
Prof. Dr. P. D. Bageshwar HOD Science Department Prof. Dr. Sunil B. Chakave

Attendance Register









Glimpses of the Workshop



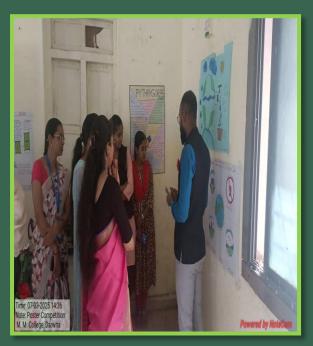














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Dr. Amol G. Wakode Librarian

> Librarian Mungsaji Maharaj Mahavidyataya, Darwha

Lishidi

Prof. Dr. Nazia Rashidi IQAC Coordinator

> IQAC Coordinator Mungasaji Maharaj Mv. Darwha

> > Accepted by

La Callelle

Prof. Dr. Sunil Chakave Principal

Principal
Mungsaji Maharaj Mahavidyalay
Darwha, Dist. Yavatmal

yentron

Prof. Dr. P. D. Bageshwar HOD Science Department

Head
Department of physics
M.M.College, Darwha