UEM
UNIVERSITY OF ENGINEERING & MANAGEMENT
Good Education, Good Jobs

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Services to the Society & Community

Outreach / Extension Activities Report

The University has consistently engaged in community outreach and social service initiatives as a part of its commitment to contribute towards societal well-being. These activities, spread over the last four academic years, reflect a diverse spectrum of impactful programs—ranging from environmental sustainability to women empowerment, healthcare, education, and digital innovation.

Academic Year 2024–2025

The university continued its legacy of service through innovative and socially relevant initiatives:

International Women's Day – Empowering Women-Self-Defence Workshop: A special workshop was organized to train women in self-defense techniques, aiming to empower them and build their confidence in dealing with real-world threats.

CYBER-EYE 360: This is an AI-driven project that developed a live cyber threat map and resilience dashboard to enhance awareness and protection against cybersecurity threats.

Blockchain-Enabled Federated Learning for Enhanced Healthcare Diagnostics: Leveraging cutting-edge blockchain technology, this initiative worked towards secure and collaborative diagnostics in the healthcare sector.

DEChain: A unique private blockchain-based system was developed for the secure management of digital evidence, ensuring authenticity and integrity in legal or investigative processes.

Tree Plantation: Continuing the green initiative, the university conducted large-scale tree plantation drives to promote sustainability and environmental consciousness.

Orphanage Visits: Regular visits to orphanages were carried out by student and staff volunteers to offer support, distribute essential items, and bring smiles to children.

Academic Year 2023–2024

This year focused on cleanliness, health awareness, and environmental care:

Clean India Drive: A campaign was conducted under the Swachh Bharat Abhiyan to raise awareness on cleanliness and hygiene among students and the local community.

NKDA Cycling Campaign: Promoting green transport and fitness, this cycling campaign encouraged citizens to reduce carbon emissions and adopt healthy lifestyle choices.

Tree Plantation: The plantation drive was expanded further to cover more areas in and around the campus.

Orphanage Visits: Volunteers continued their outreach with underprivileged children, strengthening the university's ties with local orphanages.

SUSOKA App (Screening for Beta-thalassemia & HbE): A major digital health initiative, this mobile app was launched to help in early screening and awareness of genetic blood disorders, benefiting both rural and urban populations.

Academic Year 2022–2023

During this academic year, the focus was on national spirit, women's empowerment, digital innovation, and sustainability.

Celebrating the Spirit of Nationhood – A peace rally and march walk were organized to foster a sense of patriotism and unity among students and faculty.

Celebrating The Women of the Era – Amra Nari Amra Pari: This event recognized and honored women achievers from various walks of life, inspiring students to celebrate gender equality and empowerment.

E-Waste Recycling: With increasing digital dependence, this campaign highlighted responsible disposal of electronic waste, promoting environmental safety.

Tree Plantation: An ongoing effort to restore green cover and sensitize students about environmental conservation.

Orphanage Visits: Strengthening the university's social outreach, volunteers supported the emotional and material needs of children in orphanages.

Krishak Dishari (AI/ML Mobile App): An innovative app designed using Artificial Intelligence and Machine Learning, aimed to assist farmers with crop-related advice, weather forecasts, and market prices to enhance their productivity and income.

Academic Year 2021–2022

In the backdrop of the COVID-19 pandemic, the university took significant steps for health and welfare, along with continuing other outreach initiatives:

Providing Booster Doses of Covishield Vaccine: Recognizing the importance of vaccination, free booster doses were administered to all employees and their family members, contributing to public health and pandemic control.

Tree Plantation – Plant Trees, Save Lives: Environmental awareness was further promoted through regular plantation activities.

Orphanage Visits – Lend Your Hands to Save Many: These visits emphasized empathy and support for children deprived of family care.

Yearly Flagship Event – Cyclothon: A popular and recurring fitness and awareness event, the Cyclothon witnessed enthusiastic participation promoting health, fitness, and environmental sustainability.

Unnat Bharat Abhiyan: Under this national initiative, the university adopted rural villages to promote development in areas such as education, sanitation, and digital literacy.

Inner Wheel Club Activities: Collaborations with Inner Wheel Clubs helped in organizing various welfare and service-based programs focusing on community development and social reform.

Tree Plantation (2020–24) – Images depict enthusiastic participation by students and staff in afforestation campaigns.

Orphanage Visits (2020–24) – Volunteers engaging with children, offering gifts, and spending quality time.

Cyclothon (2020–24) – Group photos of participants at this annual cycling event aimed at promoting fitness and eco-consciousness.

Providing Covishield Vaccine (2021) – Photo captures the university's healthcare support during the pandemic.

Amra Nari Amra Pari (2022) – Event covered in media, recognizing the achievements of women.

Clean India Drive (2023) – Students and faculty holding banners and participating in cleanliness drives around New Town, Kolkata.

Conclusion

These outreach and extension activities reflect the university's continuous efforts in making education socially responsible and ethically aware. Through a blend of technological innovation, healthcare support, environmental stewardship, and community engagement, the university strives to foster a generation that is academically proficient.