



AICTE & MRSPTU Sponsored Six days Online Faculty Development Programme

Waste Management & Environmental Protection for Sustainable Development

Waste Management & Environmental Protection for Sustainable Development” faculty development program in collaboration with Maharaja Ranjit Singh Punjab Technical University and All India Council for Technical Education is organized by Department of Civil Engineering, Baba Farid College of Engineering & Technology, Bathinda from 10th-15th January. More than 300 registrations were received across 24 States of India. The program was designed to spread awareness about the new techniques for effective utilization of waste & its management and sustainable development. It mainly covers the key elements of the waste management system & remedies for environment protection and sustainable development. Main topics discussed in the program was related to Waste Management, Waste Minimization Practices & Wealth from Waste, Sustainable Development Goals, Applications of Waste Materials and Clean Technologies for Sustainable Development, Healing of Earth during COVID-19 Lockdown, NEP-2020 and many more.

1. Prof Dr. Buta Singh Sidhu, Vice Chancellor, MRSPTU, Bathinda.
2. Col. B. Venket, Director, Faculty Development Cell, AICTE, New Delhi.
3. Prof (Dr) Adarsh Pal Vig, Hon’able Chairman, Punjab Pollution Control Board
4. Prof (Dr) Suresh Chand Jain, PU Chandigarh

Day -1, January 10th, 2022

1st Session: - The program was inaugurated by the Chief Guest Prof Dr. Buta Singh Sidhu, Honorable Vice Chancellor, Maharaja Ranjit Singh Punjab Technical University, Bathinda. He addressed the audience with great enthusiasm and described how a person is responsible for environmental protection by managing waste. The Guest of Honour Col. B. Venket, Director, Faculty Development Cell, AICTE, New Delhi graced the occasion and congratulated BFCET for organizing FDP on such topics which are interdisciplinary in nature and will lead to environmental protection and environmental sustainability. Er. Tanu Taneja (Convenor FDP) briefed the importance of faculty development program to all participants. Dr. Tejinder Pal Singh Sarao (Dean R&D, BFCET) delivered welcome speech to all the faculty members as well as delegates.

Session 2nd - Prof (Dr) Adarsh Pal Vig, Hon’ble Chairman, Punjab Pollution Control Board, Government of Punjab graced the occasion with his presence as our guest of honor as well as session expert for the event. He talked about waste management and impact of Swacch Bharat Abhiyan on sustainability. He also detailed about importance of 3R’s Reduce, Reuse and Recycle in today’s era.



Session 3rd - Prof Dr Suresh Chand Jain, Former Dean and Chairman, Department of Chemical Engg. & Tech., Panjab University elaborated about Waste Minimization Practices & Wealth from Waste.

1. Prof Dr. Manjeet Bansal, Dean Consultancy and Professor in Department of Civil Engg, MRSPTU Bathinda
2. Er. Naresh Kumar Garg, Principal Owner – Newlife Engineers.
3. Dr. Mansha Swami, Assistant Professor, Civil Engineering Department, DIT, Dehradun.

Day -2 January 11th, 2022

1st Session: - Prof Dr. Manjeet Bansal, Dean Consultancy and Professor in Department of Civil Engg, MRSPTU Bathinda concluded about Waste Land Management. He cleared all the queries raised by participants on abovementioned topic.

Session 2nd - Er. Naresh Kumar Garg, Principal Owner – Newlife Engineers elaborated about Alternate Sources of Energy, non-conventional sources of energy, renewable sources of energy.

Session 3rd - Dr. Mansha Swami, Assistant Professor, Civil Engineering Department, DIT, Dehradun is a Transportation Engineering Professional detailed about Plastic roads & recycled asphalt pavement: Waste to Wealth. She cleared all the queries raised by participants on abovementioned topic.

Day -3 January 12th, 2022

Resource Person –

1. Prof Dr. Sanjeev Aggarwal, Dean Academics of GZSCCET, and Director of Construction Wing of MRSPTU, Bathinda.
2. Prof Dr. Jagdish, Professor, Presidency University, Bengaluru.
3. Dr. Suman Singh, Principal Scientist, CSIR-CSIO, Chandigarh.

1st Session: - Prof Dr. Sanjeev Aggarwal, presently he is Professor of Civil Engineering, and also serving as Dean Academics of GZSCCET, and Director of Construction Wing of MRSPTU, Bathinda concluded about Waste Management in Transportation Infrastructure Development. Session was interactive and professionals found this session very insightful.

Session 2nd - Prof Dr. Jagdish, currently working as a professor in Presidency University, Bengaluru elaborated about waste water management, its collection, transportation, treatment and disposal and how it is hazardous to society if not handled properly.

Session 3rd - Dr. Suman Singh, Principal Scientist, Materials Science and Sensor Applications

(MSSA), CSIR-CSIO, Chandigarh concluded her talk on Chemical and Bio-Chemical Waste Management, various rules associated with it

Day - 4 January 13th, 2022

Resource Person –



1. Dr. Prashant Kumar, Sr. Scientist, CSIR-CSIO, Chandigarh.
2. Dr. Sanjay Sharma, Professor, NITTTR, Chandigarh,
3. Dr. Anoop Verma, Associate Professor, Thapar Institute of Engineering & Technology, Patiala.

1st Session: - Dr. Prashant Kumar, Sr. Scientist, Intelligent Machines and Communication Systems (IMCS), CSIR-CSIO detailed about Groundwater vulnerability and risk mapping using GIS and Sustainable Development Goal 6.

Session 2nd - Dr. Sanjay Sharma, Professor in department of civil engineering, NITTTR, Chandigarh elaborated about Clean Technologies for Sustainable Development and importance of sustainable environment.

Session 3rd - Dr. Anoop Verma, working as an Associate Professor at School of Energy and Environment, Thapar Institute of Engineering & Technology, Patiala, India concluded his talk on Applications of Waste Materials towards Environmental Remediation: An Approach towards Sustainable Development.

Day - 5 January 14th, 2022

Resource Person –

1. Prof (Dr.) Vinod Kumar Garg, Professor, Central University of Punjab.
2. Dr. M.S. Dhanya, Assistant Professor, Central University of Punjab.

1st Session: - Prof (Dr.) Vinod Kumar Garg, presently working as Professor at the Department of Environmental Science and Technology, Central University of Punjab detailed about Nuclear Energy in India. Session was interactive and professionals found this session very insightful.

Session 2nd - Dr. M.S. Dhanya, currently working as Assistant Professor at Department of Environmental Sciences and Technology, School of Environment and Earth Sciences in Central University of Punjab elaborated about Ozone Protection and its Importance. Influence of COVID-19 on healing of ozone layer.

Session 3rd - Prof (Dr.) Vinod Kumar Garg, presently working as Professor at the Department of Environmental Science and Technology, Central University of Punjab detailed about Healing of Earth and Ecosystem during the COVID-19 Lockdown.

Day - 6 January 15th, 2022

Resource Person –

1. Dr Nitin Saluja, Associate Professor, Chitkara university.
2. Dr. Sohan Chandel, Psychologist and Corporate Trainer

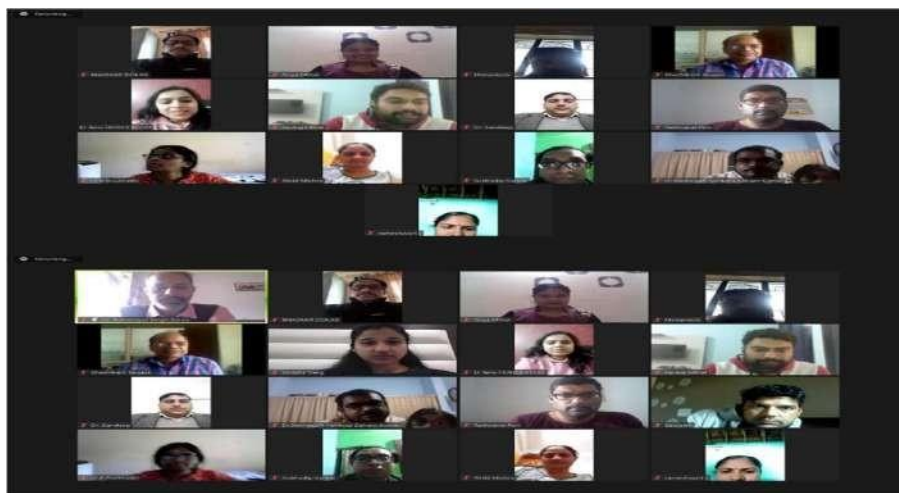
1st Session: - Dr Nitin Saluja, Associate Professor from Chitkara university detailed about NEP-2020: An overview. The National Education Policy (NEP) 2020 has set the bar high for higher education

institutes in the country. It envisages nurturing a vibrant campus life, incorporating a holistic and multi-disciplinary approach to imparting education with the objective of developing a workforce which is creative and multi-talented.

Session 2nd - Dr. Sohan Chandel, Psychologist and Corporate Trainer, Founder NMET Pvt. Ltd. elaborated about 3H's-Holistic, Health and Happiness. How to nurture stress free life and how one can improve the Communication, Interpersonal, Teambuilding and Leadership skills. He inspired people, suffering from anxiety, stress, depression and negativity in life.



Brochure of the FDP Sponsored by MRSPTU & AICTE



Glimpses of the FDP 10th-15th Jan 2022