

## Faculty Achievements

### Awards:

1. **Dr. Jaya Tuteja**, has been selected as "**Young Early Career Researcher**" to present a paper in "**Indo-UK workshop on Green Chemistry for Societal Needs: Healthcare, Pollution and Circular Economies**" which is being organized under the Researcher **Links scheme offered within the Newton Bhabha Fund, the British Council, the University of York and the University of Delhi**
2. Namrata Gupta, Ashi Goyal, **Jaya Tuteja**; Green Hydrogenation of Organic Compounds without using Hydrogen Gas over Solid Catalyst; "**Green & Sustainable Chemistry Conference**" Manav Rachna University, 07.11.2019. [Poster]; **Best Poster Presentation Award.**
3. **Dr. Arpit Sand**, delivered a talk on "Synthesis and Characterization of graft copolymers" in the National Conference on "**Polymers: Usefulness and Current Concerns**" organized by Motilal Nehru National Institute of Technology, Allahabad in association with Professor Sukumar Maiti Polymer Award Foundation (PSMPAF), Kolkata.
4. **Roopa Rani**, Nikita Dhankar, Kamakshi Sharma and Rajni Gupta; Quantitation of contaminants in bottled drinking water: a review; "**Sustainable Initiatives in Water Management**" Manav Rachna University 06.03.2018. **Best Poster Award.**
5. **Roopa Rani**, Poonam Garg, Ayushi Pundir and Priyanka Yadav; Plastic Pollution: A global tragedy to Sea life; "Green Initiatives in Science and Technology". Manav Rachna University. Jan 10-11 2019; **Best Poster Award.**
6. **Vinayak V. Pathak**, National Conference on Climate Change, Societal Consequences and Mitigation: Future vision held at Central University of Jammu on 26 and 27 April 2018.  
**Best oral presenter award**
7. **Vinayak V. Pathak** at National Conference on Renewable Energy and Sustainable Environment: Challenges and Remedies held at Shri Mata Vaishno Devi University, Katra, Jammu and Kashmir, 24 and 25 April.  
**Best oral presenter award**

## Invited Lecture

Delivered invited lecture in National Entrepreneurship development program with special emphasis on Solar Energy & Environment; from November 27 to December 23, 2017.  
School of Energy Management (Faculty of Engineering, Shri Mata Vaishno Devi University).

## Paper Presented in *International Conferences*

1. **Jaya Tuteja**; Selective Oxidation of 1,6-Hexanediol to 6-Hydroxycaproic acid using H<sub>2</sub>O<sub>2</sub> as Oxidant over Heterogeneous Catalyst; “**Indian Analytical Congress-2019**”, Organized by Indian Society of Analytical Scientists (ISAS)-Delhi Chapter & Federation of Indian Chambers of Commerce and Industry (FICCI) at Amity University, Noida, **December 12-14, 2019**.
2. **Sudhish Kumar Shukla**, Somya Tanwar, Abhishek Dwivedi, Effect of water soluble polymeric materials on the mild steel corrosion in acidic media, “**Indian Analytical Congress-2019**”, Organized by Indian Society of Analytical Scientists (ISAS)-Delhi Chapter & Federation of Indian Chambers of Commerce and Industry (FICCI) at Amity University, Noida, **December 12-14, 2019**.
3. Kajol Rana, Aarushi Sharma, **Megha Mittal**. *Poster Presentation on **Production Of Bio-Fuel From Used Tea Leaves** at Indo-UK Scoping Workshop on ‘Development of Rural Biorefineries in India: From Waste to Wealth’* at University of Delhi, 20.02.2017.
4. Divya Chhabra, Shweta Sharma, Priyanka Tokas, **Megha Mittal**, *Poster Presentation on **Generation Of Electricity From Bio-Waste** at Indo-UK Scoping Workshop on ‘Development of Rural Biorefineries in India: From Waste to Wealth’* at University of Delhi, 20.02.2017.
5. **Roopa Rani**, Man Mohan Srivastava and Satya Prakash, **HPTLC Separations: A Rapid Check for Fruit Juice Adulteration**, *International Symposium on ‘Emerging trends in Separation Science and Technology’* held at BITS Pilani, Goa Campus, Goa from May 23<sup>rd</sup> to 26<sup>th</sup>, 2018
6. Nikita Dhankhar, Rajni Gupta, Kamakshi Sharma and **Roopa Rani**, **Quantitation of Contaminants in bottled drinking water: A review**, International Conference on "Sustainable Initiatives in Water Management" at MRU, Faridabad on 6th March, 2018.

7. **Roopa Rani** and Man Mohan Srivastava, **Detection of Salicylic acid and Sudan dyes in Spices: A Green Approach**, Intl. Conf. on 'Advancing Green Chemistry: Building a Sustainable Tomorrow' held at New Delhi from Oct 3–4, 2017.
8. **Megha Mittal, Vinayak Pathak & Prem Kishor**, attended World Sustainable Development Summit 2018 held at New Delhi on 16.02.2018.

### *National Conferences*

1. Divya Chhabra, **Sudhish Kumar Shukla, Megha Mittal**. De-fluoridation of waste water using activated charcoal obtained from Acacia Arabica impregnated with iron nano particles. **National Conference on Combating Industrial Pollution For Sustainable Environment- A Fusion Of Industrial And Scientific Efforts**. September 22-23, 2016. Department Of Chemistry, Gargi College.
2. Kajol Rana, **Megha Mittal, Sudhish Kumar Shukla**. Schiff's Bases as corrosion inhibitor for refinery overhead system. **National Conference on Combating Industrial Pollution For Sustainable Environment- A Fusion Of Industrial And Scientific Efforts. September 22-23, 2016**. Department Of Chemistry, Gargi College.
3. **Meena Kapahi**, Prof. (Dr.) Sarita Sachdeva; Biosorption of cadmium by *Pleurotus florida*; National Conference on the Emanations of Sustainable Technologies in Engineering Science, Management and Education (ESTESME 2017) (April 1, 2017) at Manav Rachna University, Faridabad.
4. Divya Chhabra, **Meena Kapahi**, Jyoti Chawla, Rajeev Kumar; Heavy metal contamination in food crops and its implications on human health; NHTSEE 2017 (9-10 March, 2017), YMCAUST Faridabad, Haryana.
5. Priyanka Tokas, Rajeev Kumar, **Meena Kapahi**, Jyoti Chawla; Ranking graphene oxide based adsorbents for the removal of mercury from aqueous solutions; NHTSEE 2017 (9-10 March, 2017), YMCAUST Faridabad, Haryana.

6. Shweta Kataria, Jyoti Chawla, Rajeev Kumar, **Meena Kapahi**; Pristine and functionalized carbon nanotubes for the removal of Arsenic from aqueous solutions: A comparative study; NHTSEE 2017 (9-10 March, 2017), YMCAUST Faridabad, Haryana.
  
7. Aarushi Sharma, Rajeev Kumar, **Meena Kapahi**, Jyoti Chawla; Removal of emerging pharmaceuticals from aqueous solutions; NHTSEE 2017 (9-10 March, 2017), YMCAUST Faridabad, Haryana.