

Report of Chemistry Department (2018-19)



**Mehr Chand Mahajan
DAV College for Women**

Sector-36, Chandigarh

www.mcmdavcwchd.edu.in

Session: 2018-19

Names of Programmes/Courses/ offered:

- B.Sc. (Medical)
- B.Sc. (Non-Medical)
- B.Sc. (Food Science)

- M.Sc. (Chemistry)

Faculty Publications /Awards/Achievements/Activities:

Publications:-

- Dr. Shefali Dhiman(Permanent Faculty),Enantio- and chemo selective oxidation of omeprazole sulfide to enantiopure (S)-omeprazole with whole-cells of *Aspergillus carbonarius*, Biocatalysis and agricultural biotechnology(10/2018).
- Dr. Madhuri Tanaji Patil (Permanent Faculty) An efficient and scalable synthesis of potentTLR2 agonistic PAM2CSK4RSC Advances,(08/2018)
- Dr. Madhuri Tanaji Patil Micro emulsions as Nano templates: A Soft and Versatile Approach, **Book Name:-Micro emulsion - A Chemical Nano reactor**, 27 November, 2018,InTech Open Science, International
<http://dx.doi.org/10.5772/intechopen.80758>

Activities:-

- Dr. Shefali Dhiman, FDP Environmental Awareness UGC-Human Resource Development Centre, Panjab University,7 Days from 18-01-2019 to 24-01-2019
- Dr. Sagarika Dev, FDP, Research Methodology, UGC-Human Resource Development 7 Days from 25-09-2018-01 to 10-2018.
- Dr. Sagarika Dev, Short Term Course, Gender Sensitization, UGC-Human Resource Development,7 Days from 18-12-2018 to 24-12-2018.

Awards:-

- Dr. Madhuri Tanaji Patil, Assistant Professor, Co-ordinator of Swachh Bharat Summer Internship Programme (SBSI),**Ministry of Drinking Water and Sanitation(MDWS) in association with Ministry of Human Resource Development (MHRD) and Ministry of Youth Affairs and Sports (MYAS), Government of India,2018(National).**

- Dr. Rishu, Assistant Professor, Co-ordinator of Swachh Bharat Summer Internship Programme(SBSI),**Ministry of Drinking Water and Sanitation(MDWS) in association with Ministry of Human Resource Development (MHRD) and Ministry of Youth Affairs and Sports (MYAS), Government of India,2018(National)**
- Ms. Navjot Kaur, Assistant Professor, **Best Poster at ICSCCC-2019, DST-PURSE, March/2019,(International)**

Students Publications /Awards/Achievements/Activities:

Awards:-

- Ashima Jagota and Diksha, BSc-III (Med), Poster presentation on beating the Pollution with Bio plastic. (Best Poster Award),R. C. Paul Symposium, Panjab University, Chandigarh(National),March 2019.

Achievements:-

- Shikha Dhillon (B.Sc III, 1th Semester),Stood at 8th position in PU Examinations, Panjab University, Chandigarh, December 2018
- Vijayta Kumari (B.Sc III, 3th Semester),Stood at 6th position in PU Examinations Panjab University, Chandigarh, December 2018
- Gurpreet kaur (B.Sc III, 5th Semester),Stood at 8th position in PU Examinations Panjab University, Chandigarh, December 2018
- Gurkamal Kaur (M.Sc. Chemistry 3rd Semester),Stood at 8th position in PU Examinations Panjab University, Chandigarh, December 2018
- Divya (M.Sc. Chemistry 1st Semester),Stood at 9th position in PU Examinations Panjab University, Chandigarh, December 2018
- Gurkamal Kaur (M.Sc. Chemistry 4th Semester),Stood at 10th position in PU Examinations Panjab University, Chandigarh, May 2019
- Divya (M.Sc. Chemistry 2rd Semester),Stood at 4th position in PU Examinations Panjab University, Chandigarh, May 2019

- Jhanvi Singla (B.Sc. 5th Semester) Stood at 12th position in PU Examinations Panjab University, Chandigarh, May 2019
- Navneet Kaur, (B.Sc. 6th Semester) Stood at 8th position in PU Examinations, Panjab University, Chandigarh, May 2019

Publications:-

- Simran, Harleen, Sumridhi, Sucheta, Kiran, Asmita, Pratibha, Manuekta, Ritika, Tamanna, Mehak, Kanika, Garima, Bhavna, Chetan, Divya, Sonia, Nitika, Vishruti, Ankita, Manpreet, kanica, (**M.Sc I Chemistry**)
- Science Communication Workshop, Pre-CHASCON, P.U, 3/2019, Sponsored by MCM DAV College for Women, Chandigarh
- ,Regional
- Prachi, Anupampreet, **BSc-III (Med)**, Preparation and Application of Activated Charcoal as a Perfect Dye Adsorber, CHASCON, P.U, 3/2019, self-Sponsored, Regional
- Manjot Kaur, Sonali Singhal, **BSc-III (Non-Med)**, Liquid Desiccant Technology for HVAC Application, CHASCON, P.U, 3/2019, self-Sponsored, Regional.
- Ridhi Bajaj, Kritika Sharma, **BSc-III (Non-Med)**, Preparation of Various Kinds of Water Filters, CHASCON, P.U, 3/2019, self-Sponsored ,Regional.
- Divya, Bhawna, Sonali, Anamika, (**MSc-I Chemistry**), Synthesis of Cup ammonium Rayon fibres, CHASCON, P.U
- 3/2019, Sponsored by MCM DAV College for Women, Chandigarh, Regional.
- Rijuta, Sunidhi, **BSc-III (Non-Med)**, Study of Physico-Chemical Properties of Different Seed Oils, R. C. Paul Symposium, P.U, 2/2019, Self-sponsored, National.