

Report of Chemistry Department (2017-18)



**Mehr Chand Mahajan
DAV College for Women**

Sector-36, Chandigarh

www.mcmdavcwchd.edu.in

Session: 2017-18

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 (Bio-degradable Plastic Using Different Plasticizers,2016)
- Dr. Shefali Dhiman (International Journal of Engineering Technology, Management and Applied Sciences, ISSN 2349-4476)
- Dr.Rishu (Enhanced activity of trinuclear Zn(II) complexes towards phosphate ester bond cleavage by introducing three-metal cooperativity)
- Dr.Qudrat (Facile synthesis of novel α -methylene-pyrazole-carboxylate substituted imines and trans- β -lactams: Versatile synthons for diverse heterocyclic molecules)
- Dr. Sagrika Dev (Dendritic Polynitrato Energetic Motifs: Development and Exploration of Physicochemical Behavior through Theoretical and Experimental Approach)

Activities:-

- Dr. Shefali Dhiman presented paper with title – Animal Research – Boon or curse in a national conference on Animal disease that took place on 30-31/8/2017
- Dr.MadhuriTanaji Patil presented paper (Science Behind Happiness)
- in an international conference (Soul in Symphony: Spiritual and Pragmatic Aspects of Happiness) on 29-30/1/2018
- Dr. Shefali Dhiman presented 2 papers (Happiness and Mental Health- A Symbiotic Relation) and (Euphoria and Neuropsychological Functioning in Bipolar Affective Disorder)in an international conference (Soul in Symphony: Spiritual and Pragmatic Aspects of Happiness) on 29-30/1/2018
- Dr.Sagrika Dev presented paper (Happiness-Interplay of Happy Chemicals) in an international conference (Soul in Symphony: Spiritual and Pragmatic Aspects of Happiness) on 29-30/1/2018
- Dr QudratHundal- Science Academies' Lecture Workshop in programme named Chemistry and its multidisciplinary facets for 2 days (24-25/10/2017)
- Dr.Sagrika Dev – FDP (Research Methodology) 7/10/2018 to 11/10/2018

- Dr. Sagrika Dev – Short Term Course (Gender Sensitization)18/12/2018 to 24/12/2018
- Dr. Qudrat Hundal, Orientation of 118th UGC course for 28 days from 01/05/2018 to 28/05/2018.
- Dr. Madhuri Tanaji Patil - FDP (Calculating API Score) 28/5/2018
- Dr. Qudrat Hundal- Workshop (Instrumentation Techniques in Chemistry (HPLC, GC, FTIR, UV-Visible Spectrophotometer) 15/03/2017
- Dr. Qudrat Hundal – Workshop (Workshop on Electrochemistry by Dr. Sagar Mitra, IIT Mumbai) 13/10/2017

ACHIEVEMENTS:-

- Dr.Sagrika Dev is a member of national committee - Subject Editor, New Horizons (ISSN: 2277-5218): Editorial Board of a peer reviewed national journal published by MCM DAV College for Women, Chandigarh.

AWARDS:-

- Dr, Madhuri Tanaji Patil got awarded as Co-ordinator of Swachh Bharat Summer Internship Programe(SBSI) by- 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

Students Publications /Awards/Achievements/Activities:

ACHIEVEMENTS:-

- Vijayta Kumari (B.Sc. I, 1st semester)Stood at 12th position in PU Examinations Panjab University, Chandigarh ,December 2017
- Shayna Chhabra (B.Sc. III, 5th semester),Stood at 2th position in PU Examinations Panjab University, Chandigarh, December 2017
- Aarzo Jindal,(B.Sc. III, 5th semester),Stood at 9th position in PU Examinations Panjab University, Chandigarh, December 2017
- Navneet Kaur (B.Sc. II, 4th semester),Stood at 5th position in PU Examinations Panjab University, Chandigarh, May 2018
- Gurpreet Kaur (B.Sc. II, 4th semester),Stood at 16th position in PU Examinations Panjab University, Chandigarh, May 2018
- Shayna Chhabra (B.Sc. III, 6th semester),Stood at 12th position in PU Examinations Panjab University, Chandigarh, December 2017

Entrance Exams:-

- Yashika, Bsc.III NM-A, Qualified AFCAT in 2017-18.
- Mansi Aggarwal, Bsc.III NM-A, Qualified IIT JAM in 2017-18.
- Arshveer Uppal, Bsc.III NM-A Qualified IIT JAM in 2017-18.
- Abhilasha, MSc. II Qualified GATE in 2017-18.
- Navpreet, MSc. II, Qualified GATE in 2017-18.
- Deepika Dhillon, MSc. II Qualified NET in 2017-18.
- Radhika, Bsc.III NM-B Qualified IIT JAM in 2017-18.