

# **Report of Chemistry Department**

**(2019-20)**



**Mehr Chand Mahajan  
DAV College for Women**

**Sector-36, Chandigarh**

**[www.mcmdavcwchd.edu.in](http://www.mcmdavcwchd.edu.in)**

## Session: 2019-20

### 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. Madhuri Tanaji Patil(Chemistry),Human Vaccines & Immuno therapeutics, **BBIQ, a pure TLR7 agonist, is an effective influenza vaccine adjuvant**,2020,International.
- Dr. Madhuri Tanaji Patil (Chemistry),Advance Synthesis & Catalysis, **Post-Pictet-Spengler Cyclization (PPSC): A Strategy to Synthesize, Polycyclic  $\beta$ -Carboline-Derived Natural Products and Biologically, Active N-Heterocycles**,2020,International.
- Dr.Nisha Dawra, Synthesis of chlorinated, heteroatom-rich and differently fused tricyclic  $\beta$ -lactams by Cu(I)-catalysed halogen atom transfer radical cyclization. Chemistry Select, May 2020, Vol-5, p-6204-6215

#### 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. Shefali Dhiman,Workshop - Leadership in Sustainable Environment Centre for Academic Leadership and Educational Management under PMMMNMTT, MHRD, Government of India and Panjab University, Chandigarh,7 Days,27-05-2019 to 2-06-2019
- Dr. Shefali Dhiman, Workshop Planning, preparation and Execution of MOOC,IQAC, MCM DAV College,2 Days,11-10-2019 to 12-10-2019
- Dr. Sagarika Dev, Short Term Course, Gender Sensitization, UGC-Human Resource Development, 7 Days,18-12-2018 to 24-12-2019.
- Dr. Madhuri Tanaji Patil presented Paper entitled, “Chemistry of Vaccine Adjuvants” at International USERN Congress & USERN Prize Awarding Festival, at Budapest, Hungary on 8-10 November 2019.
- Dr. Madhuri Tanaji Patil, Chairthe junior oral presentation session at The USERN Congress & USERN Prize Awarding Festival at Budapest, Hungary during the 8-10 November 2019.

- Dr. Madhuri Tanaji Patil attended Two day workshop on Planning, Preparation and Execution of a MOOC at MCM DAV College for Women, Chandigarh on 11-12 October 2019.

**Students Publications /Awards/Achievements/Activities:**

**Achievements:-**

- Nurina Saini, Qualify JRF (NET)-CSIR, CSIR-UGC, 2019.
- Kiran, Qualify JRF (NET)-CSIR, CSIR-UGC, 2019.