

**Report of  
Department of Food Science  
(2018-19)**



**Mehr Chand Mahajan DAV  
College for Women  
Sector-36, Chandigarh**

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

**Department Name: Department of Food Science**

Session: 2018-19

**Names of Programmes/Courses/ offered:**

BSc.(Microbial and Food Technology) –Three year Degree Program

**Faculty Publications /Awards/Achievements/Activities:**

**Dr. Geeta Mehra**

- Subject Expert on the Interview Panel for the selection of Assistant Professor, Department of Food Science, in December 2018, invited by Directorate of Education, Shiromani Gurudwara Prabhandan Committee, at Kalgidhar Niwas, Sector 27B, Chandigarh.
- Coordinator, Star College Scheme of Department of Biotechnology, Government of India, for MCM DAV College for Women, Sector 36A, Chandigarh from 2013 to 2018, which oversaw five Science Departments being awarded Star Status in 2015.
- Convener (from July 2017 to October 2018), Committee of MCM DAV College for Women, Sector 36A, Chandigarh for Swachh Campus Ranking 2018 (Higher Education Institutions), Ministry of Human Resources Development, Govt. of India, which oversaw the College winning the First Rank in India under Residential College Category.
- Evaluator and Examiner for dissertations of Master of Science in Dietetics and Food Service Management [M.Sc. (DFSM)] of IGNOU, Regional Centre, Chandigarh. 16 dissertations evaluated in 5 in 2018, and 17 in 2019.
- Coordinator for Hostel Mess Committee, MCM DAV College for Women, Sector 36A, Chandigarh, since October 2016.
- Principal Investigator for “Enabling, Skilling and Awareness Generation towards Food Safety, Hygiene and Health amongst Students and Food Handlers using **Foldscope as a tool**”; approved and sanctioned Rs. 4 lakhs by the Department of Biotechnology, Ministry of Science and Technology, Government of India. Duration of the project: One year (2018 – 2019)
- Attended Workshop on Massive Open Online Courses (MOOCs) by IQAC at MCM DAV College for Women, Sector 36A, Chandigarh, December on 23-24, 2018.

- Attended “Advanced Technologies Reshaping Indian Agriculture 2.0: Global Dialogue on Digital Pathways in Agriculture 2.0” organized by Confederation of Indian Industry (CII) and Food and Agriculture Centre of Excellence (FACE), at Hotel Taj, Chandigarh, on December 2, 2018.
- Participated in the One Health Tabletop Exercise on Sensitizing State Level Veterinary and Human Health Professionals for Effective Response to Avian/Novel Influenza Virus Outbreaks organized at J. W. Marriot, Bhopal, by U.S. Centers for Disease Control and Prevention, Sandia National Laboratories, USA, and Department of Animal Husbandry, Dairying & Fisheries, Govt. of India, September 10 – 12, 2018.
- Attended one-day Faculty Development Programme on Calculating API Scores, organized by Internal Quality Assurance Cell, MCM DAV College for Women, Sector 36-A, Chandigarh, on May 28, 2018.
- Participated in Management & Leadership Workshop in Preparation for The India One Health Tabletop Exercise organized at J. W. Marriot, New Delhi, by Global Biorisk Management Curriculum, Sandia National Laboratories, USA, April 23 – 25, 2018.
- Participated in DBT Fold scope Orientation Workshop organized by Department of Biotechnology, Government of India at International Centre for Genetic Engineering and Biotechnology (ICGEB), New Delhi, on April 16, 2018.

#### **Publications/Posters**

- Mehra, G. and Mehra, R. 2018. Making FSSAI Food Adulterants” Detection Guidelines Accessible to Masses: A Case Study on Training Various Strata of Food Vendors and Handlers as an Extension of Responsible Research and Innovation. International Journal of Engineering Technology Science and Research, Volume 5, Issue 5, pp. 450-451, May. <http://www.ijetsr.com>.
- Two Posters co-presented in National Science Day Seminar, February 28, 2019, at DAV College, Sector 10, Chandigarh.
- Three Poster co-presented in SLIETCON 2019, March 1-2, 2019, at NITTTR, Chandigarh.
- Three Poster to be co-presented in MICROCON 2019, March 6-7, 2019, at Department of Microbial Biotechnology, Panjab University, Chandigarh.
- Mehra, G. and Mehra, R. 2018. Making FSSAI Food Adulterants” Detection Guidelines Accessible to Masses: A Case Study on Training Various Strata of Food

Vendors and Handlers as an Extension of Responsible Research and Innovation. In: 3rd International Conference on Advancement in Engineering, Applied Science and Management (ICAEASM 2018) at Indian Council of Social Science Research, North West Regional Centre, Panjab University, Chandigarh, May 27.

- Mehra, G., 2019. Invited Lecture in Multi-track National Conference SLIETCON – 2019 on “Foldscope as a frugal analytical tool for food safety and quality” organized by Sant Longowal Institute of Engineering & Technology, at NITTTR, Chandigarh, on March 1-2.

- Mehra, G., 2019. Workshop on “Foldscope as a Research and Diagnostic Tool for Animal Parasitic Diseases” organised by Animal Disease Research Centre, Guru AngadDev Veterinary and Animal Sciences University, Ludhiana, Punjab, funded by DBT, Min. of Sci. & Tech., GoI, on February 21.

- Mehra, G., 2019. Faculty Development Programme on Opportunity Guidance on Food Processing Industries at Chandigarh Group of Colleges, Landran, conducted by Regional Centre for Entrepreneurship Development, Chandigarh, on February 14.

- Mehra, G., 2019. Entrepreneurship Development Programme on Opportunity Guidance on Food Processing at Lovely Professional University, Jalandhar, conducted by Regional Centre for Entrepreneurship Development, Chandigarh, on February 9.

- Mehra, G., 2018. Workshop on “Foldscope as a Research Tool” organized by Centre for Biotechnology and Bioinformatics, Dibrugarh University, Assam, funded by DBT, Min. of Sci. & Tech., GoI, on August 28-29.

- Mehra, G., 2018. Faculty Development Programme on Entrepreneurial Opportunities in Food Processing Industry at Beant College of Engineering & Technology, Gurdaspur, conducted by Regional Centre for Entrepreneurship Development, Chandigarh, on July 20.

- Mehra, G., 2018. Faculty Development Programme on Entrepreneurial Opportunities in Food Processing at Khalsa College of Engineering & Technology, Amritsar, conducted by Regional Centre for Entrepreneurship Development, Chandigarh,

- Mehra, G., 2018. Entrepreneurship Development Programme at Post Graduate Government College, Sector 11, Chandigarh, conducted by Regional Centre for Entrepreneurship Development, Chandigarh, on March 21.

- Mehra, G., 2018. Invited talk at International Seminar on Biosafety: Risks and Management at the Department of Biochemistry, Panjab University, Chandigarh, on March 19.

**Dr. Vandana Sharma**

- Selected as a member of the Undergraduate Board of Studies in Microbiology.
- Attended an International workshop on “Foundational Laboratory Level Biorisk Management ” held from 18-22 June, 2018 at the Panjab University jointly sponsored by Sandia National Laboratories, US.
- “Sustainable Waste Management- a case study”- Poster presented in National symposium and Workshop on “ Waste Management- Present Scenario and Challenges” organized by DAV College, Chandigarh in association with AMI, Chandigarh unit on 3rd October, 2018.
- Participated in National Science Teachers Congress (along with organizing partner institutions like VigyanPrasar (DST), MHRD and Vigyana Bharati- a voluntary science movement lead by eminent scientists) at the 4th India International Science Festival (IISF 2018) at Lucknow from 5th -8 th October 2018.
- Paper presented titled, “Microbiology as Gen Next Career: Exploring Employability & Scientific Entrepreneurship” in 2nd International Multi-stream Conference on “Futuristic Approach towards Employability and Entrepreneurship & Industrial Summit” organized by GGNIM&T, Ludhiana in association with CICU and JCI on 27-28 October, 2018.
- Published a paper titled, “Effect of Lactation Age and Storage on the Antibacterial Potency of Human Breast Milk against Neonatal Pathogens” in International Journal „Journal of Pure and Applied Microbiology“. 2018. Vol. 12(3), 1307-1314 (First author) (peer reviewed and UGC approved, Scopus indexed) (Print ISSN: 0973- 7510; Electronic ISSN: 2581-690X).
- Published a paper titled, “Anti-Biofilm Potential of Aqueous Eucalyptus Leaf Extract against Nosocomial Pathogens: Staphylococcus and *Pseudomonas aeruginosa*” in International Journal „The Pharma Innovation“. 2018. Vol. 7(11):425-432(Coauthor cum Corresponding author) (peer reviewed and UGC approved; Scopus indexed)(Online ISSN: 2277-7695, Print ISSN: 2349-8242).
- Book chapter titled, “Microbiology as Gen Next Career: Exploring Employability & Scientific Entrepreneurship” published in “Entrepreneurship and Employability:

Technical Perspectives” published by National Press Associates, ISBN No. 978-93-85835-62-9 (2018).

- Invited as Resource person for imparting Hands on Training on “Mushroom cultivation” to village Bhaderi women in 7-day NSS camp (24 Dec2018- 30 Dec 2018) held at MCM DAV College for Women Chandigarh.
- Awarded Research Project titled, “Biosensor Based Kit for Rapid Detection of Enterobacteriaceae in Drinking Water” by Department Mehr Chand Mahajan DAV College for Women, Chandigarh Page 44 of Science and Technology and -19) Renewable Energy, Chandigarh Administration (S&T&RE/RP/147(18-19).
- Attended an International workshop on Biorisk Management entitled "Standard Operating Procedures” held from 7-11 January, 2019 at the Panjab University in collaboration with Sandia National Laboratories, US.
- Paper presented on “ Skill Development Initiatives at Nontechnical Institutions of Higher Education: A Case Study of MCMDAV College, Chandigarh” at 2 days International Conference on „Skilling for Self Employment” jointly organized by Colombo Plan Staff College, Manila, Philippines and National Institute of Technical Teachers Training and Research, Chandigarh on 21-22 February, 2019.
- Prepared two students of B.Sc III MFT for paper presentation in a 2 days International Conference on „Skilling for Self Employment” jointly organized by Colombo Plan Staff College, Manila, Philippines and National Institute of Technical Teachers Training and Research, Chandigarh on 21-22 February, 2019.
- Organized Yakult for B.Sc. III MFT students 09th Feb 2019. 09th Feb 2019
- Organized Bonn visit for B.Sc II MFT students on 16th February, 2019.
- Prepared six students of B.Sc MFT 3rd year for National level championship for Science that was conducted at IIT, Kharagpur on 27-28 Oct,2018 and 2 students secured third position at “National Level Championship (MakeIntern and Ecell IIT Kharagpur) Event”.
- Organized Visit to Effluent Treatment and Waste Water Treatment Plant at Sec-31, 3BRD, Chandigarh on 17.11.18 for B.Sc MFT and Medical students to familiarize the students with the actual procedure involved in municipal waste water treatment.
- Prepared 10 Students of B.Sc 3rd Year for presenting their Microbiology related Research work at “National Symposium on Waste Management” organized by Association of Microbiologists of India (AMI), Chandigarh Unit at DAV College,

Sector-10, Chandigarh on 03rd October, 2018. Two students Chhhavi Dhiman and Gursimran Kaur awarded third position for their best poster.

- Honored with an award on 26 January, 2019 by MC, Chandigarh for implementing best solid waste management practices in the college.
- Solid waste management initiative of cultivation of mushrooms from agricultural and kitchen waste in used plastic bottles was honored at National level by MHRD under Best Citizen-led innovations category.
- Prepared 14 students of B.Sc III MFT for presenting their research work in Microcon and Punjab Start-up Fest 2019, National Conference on Microbial Biotechnology held at Panjab University, Chandigarh on 06 March, 2019 to 08 March, 2019.
- Prepared 4 students of B.Sc III MFT for presenting their research work in National Conference titled „Cutting Edge Research & Innovation in Biotechnology & Other Life Sciences“ at Chandigarh Group of Colleges (CGC), Landran, Punjab on 4 th April, 2019.
- Organized Hands on Training Workshop on “Cultivation of Oyster Mushroom (*Pleurotus spp.*) in bags and plastic bottles using AgriKitchen waste for 47 participants from BSc.(Medical), MCM DAV College, SD College, Chandigarh, Post-graduate College for Girls, Sector-11 on 13th and 14th March 2019.
- Prepared 6 students of B.Sc II MFT for participation in Innovation Idea competition organized under the aegis of MHRD by Institution’s Innovative Council (IIC) on 29.3.2019 at MCM DAV College, Chandigarh. The innovative ideas of 4 students were selected for the next level.
- Coordinator-cum-organizer of Industry Academia Interface Series under the aegis of DAV College Managing Committee, New Delhi, to Foster Skills of Future Microbiologist and Food Technologists from 29th January 2019 to 9th March 2019.
- Coordinator of Six days Workshop on Nutrition and Diet Skills (31<sup>st</sup> May, 2019 – 6<sup>th</sup> June, 2019).

**Dr. Sandeep Kaur**

- Participated in the Workshop on Fun with Science @Foldscope Series III on 11th August, 2018 organized by Dept. of Food Science, MCM DAV College for Women, Chandigarh.
- Member of organizing committee for Surakshit Khadya Abhiyan

(SKA), Asia Quiz Competition on Food Safety, held on 7th September, 2018 in MCM DAV College for Women, Chandigarh.

- “Optimization, cultivation of Oyster mushrooms from agro-domestic kitchen waste in used plastics bottles” Poster presented in National Symposium and Workshop on “Waste Management- Present Scenario and Challenges” organized by DAV College, Chandigarh in association with AMI, Chandigarh unit on 3rd October, 2018.
- Paper presented titled, “Microbiology as Gen Next Career: Exploring Employability & Scientific Entrepreneurship” in 2nd International Multi-stream Conference on “Futuristic Approach towards Employability and Entrepreneurship & Industrial Summit” organized by GGNIM&T, Ludhiana in association with CICU and JCI on 27-28 October, 2018.
- PhD work titled “Novel strategy to treat diabetic wound infection Phage Therapy” Published and acknowledged in Sci-Tech issue of leading newspaper “The Hindu” , Nov 17, 2018 edition (<https://www.thehindu.com/sci-tech/novel-strategy-to-treat-diabetic-woundinfection/article25526263.ece>).
- Published a paper titled, “Effect of Lactation Age and Storage on the Antibacterial Potency of Human Breast Milk against Neonatal Pathogens” in International Journal „Journal of Pure and Applied Microbiology“. 2018. Vol. 12(3), 1307-1314 (First author) (peer reviewed and UGC approved, Scopus indexed) (Print ISSN: 0973- 7510; Electronic ISSN: 2581-690X).
- Published a paper titled, “Anti-Biofilm Potential of Aqueous Eucalyptus Leaf Extract against Nosocomial Pathogens: Staphylococcus and Psuedomonas aeruginosa” in International Journal „The Pharma Innovation“. 2018. Vol. 7(11):425-432(Co-author cum Mehr Chand Mahajan DAV College for Women, Chandigarh Page 47 Corresponding author) (peer reviewed and UGC approved; Scopus indexed) (Online ISSN: 2277-7695, Print ISSN: 2349-8242).
- Book chapter titled, “Microbiology as Gen Next Career: Exploring Employability & Scientific Entrepreneurship” published in “Entrepreneurship and Employability: Technical Perspectives” published by National Press Associates, ISBN No. 978-93-85835-62-9 (2018).
- Resource person for imparting Hands on Training on “Mushroom cultivation” to village Bharderi women in 7-day NSS camp (24 Dec, 2018- 30 Dec 2018) held at MCM DAV College for Women Chandigarh.



- Awarded Research Project titled, “Biosensor Based Kit for Rapid Detection of Enterobacteriaceae in Drinking Water” by Department of Science and Technology and -19) Renewable Energy, Chandigarh Administration (S&T&RE/RP/147(18-19)
- Paper presented on “Mushroom Enterprise : Step Towards Women Empowerment and Nutritional Security” at International Conference on „Skilling for Self Employment” jointly organized by Colombo Plan Staff College, Manila, Philippines and National Institute of Technical Teachers Training and Research, Chandigarh on 21-22 February, 2019.
- Co- coordinator in conducting onsite campus placement drive of two major companies (IDSIL and Convergys).
- Pioneer in optimization and cultivation of Oyster mushroom in used plastic bottles in Department laboratory and mentored/guided the students on the same lines. The proposal bagged all-India third rank in “**Best Citizen-Led Innovations**” category during the Swachh Survekshan Awards-2019 announced on 6th March ,2019 , New Delhi. The award was given by the Ministry of Housing and Urban Affairs was recognition for unique solid-waste management initiative adopted.
- Coordinator-cum-organizer of Industry Academia Interface Series under the aegis of DAV College Managing Committee, New Delhi, to Foster Skills of Future Microbiologist and Food Technologists from 29th January 2019 to 9th March 2019.
- Prepared eight students of B.Sc. III MFT for presenting their research work in Microcon and Punjab Start-up Fest 2019, National Conference on Microbial Biotechnology held at Panjab University, Chandigarh on 06<sup>th</sup> March, 2019 to 08<sup>th</sup> March, 2019.
- Organizer of Workshop-cum-hands on training on “Oyster Mushroom (Dhingri) Cultivation”, held from 13th March-14th March, 2019 at Dept. of Food Science.
- Oral presentations co-presented with three undergraduate research students of B.Sc. MFT 3rd Year at 3rd National Conference on “Cutting Edge Research and Innovation in Biotechnology and Other Life Sciences, held at Chandigarh Group of Colleges, Landran on 4th5th April, 2019.
- Organized Hands on Training Workshop on “Cultivation of Oyster Mushroom Pleurotus spp.) in bags and plastic bottles using AgriKitchen waste for 47 participants from BSc.(Medical), MCM DAV College, SD College, Chandigarh, Post-graduate College for Girls, Sector-11 on 13th and 14thMarch 2019.

- Resource person in two days Hands on Training Workshop on “Oyster Mushroom Cultivation in bags and Plastic bottles” held on 13-14, March, 2019.
- Active participation in supervising and conducting household survey of village Maloya under Unnat Bharat Abhiyaan (UBA)-an initiative for rural up-liftment by Government of India.

#### **Dr. Shruti Puri**

- Participated and organized the Workshop on Fun with Science @Foldscope Series I, II and III on 17th July, 8 August and 11th August, 2018 organized by Dept. of Food Science, MCM DAV College for Women, Chandigarh.
- Member of organizing committee for Surakshit Khadya Abhiyan (SKA), Asia Quiz Competition on Food Safety, held on 7th September, 2018 in MCM DAV College for Women, Chandigarh.
- Industrial visit of B.Sc. IInd year students of MFT to Bonn, Ludhiana on 16th February, 2019.
- Coordinator-cum-organizer of Industry Academia Interface Series under the aegis of DAV College Managing Committee, New Delhi, to Foster Skills of Future Microbiologist and Food Technologists from 29th January 2019 to 9th March 2019.
- Organized Hands on Training Workshop on “Cultivation of Oyster Mushroom (*Pleurotus spp.*) in bags and plastic bottles using AgriKitchen waste for 47 participants from B.Sc.(Medical), MCM DAV College, SD College, Chandigarh, Post-graduate College for Girls, Sector-11 on 13<sup>th</sup> and 14<sup>th</sup> March 2019.
- Prepared six students of B.Sc. III MFT for presenting their research work in National Conference titled „Cutting Edge Research & Innovation in Biotechnology & Other Life Sciences“ at Chandigarh Group of Colleges (CGC), Landran, Punjab on 4th April, 2019.

#### **Dr. Hina**

- Participated in the Workshop on Fun with Science @Foldscope Series III on 11th August, 2018 organised by Dept. of Food Science, MCM DAV College for Women, Chandigarh.
- Member of organizing committee for Surakshit Khadya Abhiyan (SKA), Asia Quiz Competition on Food Safety, held on 7th September, 2018 in MCM DAV College for Women, Chandigarh.

- Oral presentation and publication of paper entitled "Microbiology as GenNext Career: Exploring Employability and Scientific Entrepreneurship" at 2nd International multi-stream conference on Futuristic approach towards employability and entrepreneurship and Industrial Summit held on 27-28 October, 2018 at GGNIMT, Ludhiana.
- Industrial visit of B.Sc.IInd year students of MFT to Bonn, Ludhiana on 16th February, 2019.
- Coordinator-cum-organizer of Industry Academia Interface Series under the aegis of DAV College Managing Committee, New Delhi, to Mehr Chand Mahajan DAV College for Women, Chandigarh Page 50 Foster Skills of Future Microbiologist and Food Technologists from 29th January 2019 to 9th March 2019.
- Organized Hands on Training Workshop on "Cultivation of Oyster Mushroom Pleurotus spp.) in bags and plastic bottles using AgriKitchen waste for 47 participants from B.Sc.(Medical), MCM DAV College, SD College, Chandigarh, Post-graduate College for Girls, Sector-11 on 13<sup>th</sup> and 14<sup>th</sup> March 2019.
- Prepared eight students of B.Sc. III MFT for presenting their research work in National Conference titled „Cutting Edge Research & Innovation in Biotechnology & Other Life Sciences“ at Chandigarh Group of Colleges (CGC), Landran, Punjab on 4<sup>th</sup> April, 2019

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

- One student (B.Sc. MFT II yr; Ujjwal Sangwan; Roll No.5098) selected by Indian Academy of Sciences and awarded two months summer research fellowship(June-Aug 2018) for conducting research on microbiology project titled "Understanding of signal transduction system kdpD in Mycobacterium tuberculosis."
- Sunita Chauhan (5044) and Chandni Sharma (5036); BSc. MFTIII year: Undergraduate Research work carried out under the guidance of faculty at The Microbiology lab, Department of Food Science was successfully acknowledged and published in Volume 3, Nov 2018 issue of "Journal of Pure and Applied Microbiology" which is an International Journal , UGC approved, Scopus indexed. The link and citation is as below: "Sharma V, Sharma C, Chauhan S, Kaur S. Effect of Lactation Age and Storage on the Antibacterial Potency of Human Breast Milk

against Neonatal Pathogens. Journal of Pure and Applied Microbiology, 2018. Vol. 12(3), p. 1307-1314” <http://dx.doi.org/10.22207/JPaM.12.3.33>.

- Five students of B. Sc.(MFT) III year 2018 batch : Aanchal Sehgal (4946), Aditi Gambir (4943) , Aditi Sharma(4932) , Akshima Sharma(4948) , Nitika Sharma (4912): Their undergraduate Research work carried out under the guidance of faculty at The Microbiology Mehr Chand Mahajan DAV College for Women, Chandigarh Page 36 lab, Department of Food Science was successfully acknowledged and published in “ The Pharma Innovation Journal” ; Oct 2018 issue.

The link and citation is “Kaur S, Sharma N, Sehgal A, Ghambir A, Sharma A, Sharma A, Sharma V (2018). Anti-biofilm potential of aqueous Eucalyptus leaf extract against nosocomial pathogens: Staphylococcus and *Pseudomonas aeruginosa*. The Pharma Innovation Journal 2018; 7(11): 425-432.

- Silver medal in Inter college cricket held at Panjab University held on 29 September, 2018 to 03 Oct,2018 - Prachi Kaushal of B. Sc (MFT) I year.

- A grade in Green revolution Internship and received International Certification United Nations, ICCE - Prachi Kaushal of B. Sc (MFT) I year.

- Third prize in Ms. Fresh Face competition of Rotaract club of MCM DAV College held on 19 Oct,2018 – Takshu Jagga of B. Sc (MFT) I year.

- First prize in group dance competition bhangra , Holi Fest held on 14 March, 2019- Suchint Kaur, Manisha Kundal and Aashna Vasudeva of B. Sc (MFT) I year.

- Gurleen Pannu (BSc. MFT-III) secured second position in Zonal Youth Festival 2018, third position in Pre-Fest 2018 Nukkad and Best actress in PEC Fest-2018 Nukkad Competition.

- Students participated in Best Clean Lab Competition Organized by Science Departments under Swachhta Committee on 22nd November 2018. The objective of the activity was to sensitize and ensure good hygiene and health by creating awareness on cleanliness of laboratories.

- B.Sc. MFT II students participated in Essay and Poetry writing competition on „Sustainable Sanitation“ on 25th Feb, 2019. The aim of the competition was to educate and sensitize students/ youth regarding importance of sanitation and its sustainability

to accomplish the vision of a clean and healthy Bharat. Mehr Chand Mahajan DAV College for Women, Chandigarh

- Three students of B.Sc. III MFT presented paper in a 2 days International Conference on „Skilling for Self Employment” jointly organized by Colombo Plan Staff College, Manila, Philippines and National Institute of Technical Teachers Training and Research, Chandigarh on 21-22nd February, 2019.
- First position in Power Point Presentation in Inter College Science competitions held on 23 Feb, 2019 at Chandigarh Group of Colleges, Landran – Diksha Prashar (BSc.-MFT-III). • Seventeen B.Sc. III MFT students presented their research work in “National Symposium on Waste Management” organized by Association of Microbiologists of India (AMI), Chandigarh Unit at DAV College, Sector-10, Chandigarh held on 03 Oct,2018.
- Six B.Sc. III MFT students participated in B. Con 2K18-19, a workshop on “Basic Techniques in Molecular Biology” organized by Make-Intern and B.Con in collaboration with IIT, Delhi at CGC, Landran. Two students (Chhavi Dhiman and Gursimran Kaur) were selected for final round to be conducted at IIT, Kharagpur on 27-28 Oct,2018 and secured third position at “National Level Championship [MakeIntern and Ecell ;IIT Kharagpur Event]”. • Nineteen students of B.Sc III MFT presented their research work in Microcon and Punjab Start-up Fest 2019, a National Conference on Microbial Biotechnology held at Panjab University, Chandigarh on 06th March, 2019 to 08th March, 2019.
- Best Ideation award was bagged for the topic “Eco-friendly Approach to Decontaminate Agricultural soil” presented by Chhavi Dhiman, student of B.Sc MFT III year, Dept. of Food Science, MCM DAV College for Women, Chandigarh.
- Six students of B.Sc. II MFT participated in Innovation Idea competition organized under the aegis of MHRD by Institution’s Innovative Council (IIC) on 29.3.2019 at MCM DAV College, Chandigarh. The innovative ideas of 4 students were selected for the next level. Mehr Chand Mahajan DAV College for Women, Chandigarh
- Active participation of students of B.Sc. MFT-III in Workshop series on “Fun with Science @ Foldscope” in collaboration with Animal Disease Research Centre, Guru Angad Dev Veterinary University, Ludhiana, Centre for Biotechnology and

Bioinformatics, Dibrugarh University, Assam and Dept. of Botany, Raj Rishi PG College, Alwar, Rajasthan at MCM DAV College for Women, on September 11, 2018, August 11, 2018, August 8, 2018, and July 17, 2018.

- Ten students of B.Sc. MFT-III year participated in Exhibition cum Workshop on „Advanced Technologies Reshaping India Agriculture 2.0“ organized by Confederation of Indian Industry (CII) and Food and Agriculture Centre of Excellence (FACE), on December 3, 2018.
- Active participation of B. Sc. (MFT) I year and II year students in “Kitchen Journeys – Cook from home Contest”, “Red Mug Trolley” and breakfast cereal sensory sampling in collaboration with Nestle India Ltd. on January 29, 2019.
- Ten students of B.Sc. MFT-III year actively participated in „Workshop on Foldscope as a Research and Diagnostic Tool for Animal Parasitic Diseases“ organized by Animal Disease Research Centre, Guru Angad Dev Veterinary and Animal Sciences University, Ludhiana, on February 21, 2019.
- Twenty students of B.Sc. III MFT presented their research work in National Conference titled „Cutting Edge Research & Innovation in Biotechnology & Other Life Sciences“ at Chandigarh Group of Colleges (CGC), Landran, Punjab on 4th April, 2019. Awarded third prize in Oral presentation entitled, „Street vended foods: A gastronomic delight for microbes rather than humans!” to Ramneet Kaur, B.Sc. MFT III.
- A total of ten students of B.Sc. MFT-III year actively worked as volunteers on project titled “Cultivation of Oyster mushroom from agri-kitchen waste in used plastic bottles” and the proposal bagged all-India third rank in the “**Best Citizen-Led Innovations**” category during the Swachh Survekshan Awards-2019 announced on 6th March, 2019, New Delhi. The award by the Ministry of Housing and Mehr Chand Mahajan DAV College for Women, Chandigarh Page 39 Urban Affairs was recognition for unique solid-waste management initiative for cultivating oyster mushrooms from agricultural and kitchen waste in used plastic bottles