

1. Details of the Teacher/ Academic :

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| Name & Date of Birth : | Mohinder Kumar Salooja , 24.08.1956 |
| Date of Joining in IGNOU: | 19.12.1997 - Deputy Director, Planning & Development Div and CEE. 01.04.2006 - Professor, School of Agriculture |
| Current Designation : | Professor, Dairy Technology, and former, Director, School of Agriculture |
| Pay Scale as on date : | PB-14,144200-182200 (Basic-Rs. 2,11,800/-) |
| Qualifications : | Ph.D. (Dairy Technology), Kurukshetra University Post Doctorate, Dairy Research Lab, CSIRO, Australia M. Sc. (Dairy Technology), Kurukshetra University |

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

| Name of the recipient | Honour /Award/ Fellowship Name | Agency name /Name of statutory body/ institution/ Apex body | Period |
|---|---|---|-----------------------------|
| <u>Awards Received</u> | | | |
| Mohinder Kumar Salooja | Jr. NDRI Fellowship during Post-Graduation | ICAR | July, 1977 to June, 1979 |
| | Sr. UNDP Fellowship during Ph.D. Programme | UNDP | October, 1979 - March, 1983 |
| | Commonwealth Scholarship for Post doctorate | CSIRO, Australia | March '84 to Nov '84 |
| | Jawaharlal Nehru Award | ICAR | 1985 |
| <u>Member of Professional Bodies</u> | | | |
| Mohinder Kumar Salooja | Life Member | Indian Dairy Association | |
| | Life Member | Association of Food Scientists and Technologies (India), Mysore (AFSTI) | 2018 |
| | Member | All India Food Processors' Association (AIFPA), New Delhi. | 2018 |
| | Scientific Panel on Milk and Milk Products | Food Safety & Standards Authority of India (FSSAI), Ministry of Health & Family Welfare (GOI) | 1.8.2018 to 31.7.2021 |
| | Scientific Panel on Labelling and Claims/ Advertisement | | Upto 31.12.19 |

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| | Expert in Panel of Experts for IDP Visits to assess the facilities available for processing of Milk Products for Export under the export of Milk products. | Export Inspection Agency, Ministry of Commerce & Industry (GOI) | 2015 onwards |
| | FSSAI Committee to develop question banks to be used in Alexa Quiz and develop webinars | Food Safety & Standards Authority of India (FSSAI), Ministry of Health & Family Welfare (GOI) | 2019 |
| | Committee Member to draw up strategy for training of Food Business Operators (FBOs) and to explore the issues for utilization of CSR funds for training. | | 2014 |
| | Member, Vetting Committee on Food Safety Training and Certification (FoSTaC). | | 2016 |
| | Member, e-Working Group for Harmonization of FSSAI Standards with the CODEX. | | 2013-14 |
| | Member, Adhoc Board of Studies in Food Science & Technology, BHU | Banaras Hindu University (BHU), Varanasi. | 2015-2017 |
| | Member of various Expert Committees constituted by the University Grants Commission (UGC) for assessment of Proposals of different Universities/ Colleges for their UGC Approval/Compliance under Section 12-B, UGC ODL Regulations and Deemed Universities – Participated in Six Committees | UGC | 2019 |
| <u>Statutory Bodies within IGNOU</u> | | | |
| Mohinder Kumar Salooja | Chairman/Member of the School Board | School of Agriculture (SOA) | 2013-16 2016-19 |
| | Member of the School Board | School of Continuing Education (SOCE) – Two terms. | 24-02-16 to 23-02-18 |
| | | School of Vocational Education & Training (SOVET) | 08-12-2009 to 07-12-2011 |
| | | School of Extension & Development Studies (SOEDS) | 30-08-2016 to 29-08-2018 |
| | | School of Tourism Hospitality Service Management (SOTHSM) | 08-12-2016 to 07-12-2018 |

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| | | School of Interdisciplinary and Trans-Disciplinary Studies (SOITS) | Two years |
| Mohinder Kumar Salooja | Member | Research Council | 25-11-2016 to 24-11-2018 |
| | | Planning Board | 12.07.17 to 16.07.18 |
| | | SSC | 09-12-2016 to 08-12-2018 |
| | | Academic Council | 24-06-2016 to 24-06-2019 |
| | | Academic Programme Committee | 27-11-2017 to 26-11-2018 |
| | | PIC, MPDD | 13.10.17 to 12.10.18 |
| | | Exam Discipline Committee | 30-05-2017 to 30-06-2018 |
| | | Library Committee | 25-05-2018 to 24-05-2020 |
| | | Purchase Committee | 09-12-2016 to 08-12-2018 |
| | | Finance Committee | 1.4.2019 to 24.6.2019 |

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no.), ISBN No.

| S. No. | Name of Author1/ Editor 1,& Co-authors / Co-editors (if any) | Title of chapter/book | Place of publication | Publisher | Year | Total Pages | ISBN No. |
|--------|--|---|----------------------|---------------------------------|------|-------------|---------------|
| 1. | Salooja, M. K. | Open & Distance Learning Interventions for the Development of Human Resource for Food Processing Industries. In Open & Distance Education in Global Environment. Opportunities for Collaboration. Garg S., Panda S., Murty CRK & Mishra S. (Ed.). | New Delhi, India | Viva Books Pvt. Ltd., New Delhi | | 16 | 9788130908229 |
| 2. | Panjab | Agriculture | New Delhi, | Viva Books | | 14 | 9788130902609 |

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|----|-----------------------------------|---|--------------|---|------|---------------------|---------------|
| | Singh and Salooja M.K. | Education through Distance Mode, In: Four Decades of Distance Education in India. Reflections of Policy & Practice. Garg S., Venkaiah V., Puranik Chambi, Panda Chambi (Ed.). | India | Pvt. Ltd., New Delhi | | | |
| 3. | Kumar, Sunil and Salooja, M.K. | Using web for delivery of open and distance learning programmes: A case study for introspection, In: Cases on Online Learning Communities and Beyond: Investigations & Applications: Investigations and Applications, Yang, H.H. and Wang, S. (Ed.) | USA | IGI Global, Hershey, PA 17033, USA | | | 9781466619371 |
| 4. | Salooja M. K. | Need based Open & Distance Learning in Dairying and Animal Husbandry. Indian Dairy Industry. Annual Dairy Resource Book Vol. 1. Ed. G. C. Chakraborty | Delhi, India | Dr. Chawla Dairy Information Centre Pvt. Ltd., Delhi – 110092 | 2005 | | |
| 5. | Salooja, M.K. and Vijayakumar, P. | Issues and challenges in implementation of recognition of prior learning in Agriculture Sector, In Asfa, M. Y and R.B. Shivagunde (Eds.), Emerging | New Delhi | Lenin Media Pvt. Limited | 2016 | 8 pages (pp. 67-74) | 9789385160769 |

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|----|--|---|------------------------|-----------------|------|------------------------|---------------|
| | | Trends in Technical and Vocational Education and Training (TVET) | | | | | |
| 6. | Salooja, M.K. and Vijayakumar, P. | Chapter 11: Role of Open and Distance Learning in Agriculture Education in India, In U. Pandey, & V. Indrakanti (Eds.), Optimizing Open and Distance Learning in Higher Education Institutions | Hershey, PA 17033, USA | IGI Global | 2017 | 13 pages (pp. 244-256) | 9781522526247 |
| 7. | Salooja M.K., Project coordinator NCERT textbooks and practical manuals for vocational courses at Sr. Secondary level - <u>includes Editing of the Books</u> | <ol style="list-style-type: none"> 1. Dairy Production & Quality of milk (text book) 2. Dairy Engineering (text book) 3. Dairy Engineering (practical manual) 4. Milk processing (text book) 5. Milk processing (practical manual) 6. Dairy Products- I (text book) 7. Dairy Products- II (text book) 8. Dairy Products-II (practical manual) | New Delhi India | NCERT New Delhi | | | |

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| | | 9. Dairy Management (text book) 10. Dairy Animal Management (text book) 11. Feeds and Feedings of Dairy Animals (text book) 12. Poultry Diseases and their control (text book) | | | | | |
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4. Research Articles/Publications:

| S. No. | Author/ Co-author (if any) | Title | Name of Journal | Volume (Issue) | page no. (s) | Year | ISSN No |
|--------|---|--|---|----------------|--------------|------|---|
| 1. | Co-Author: H.R.Gupta, S.K. Kanawija M. K. Salooja H.C.Devaraja Avneet Rajoria | Process optimization for the production of Whey Protein enriched Dairy Drink. | Asian Journal of Dairy & Food Research, Agricultural Research Comm. Centre, 1130, Sadar, Karnal- 132001 (Haryana) | 32 (4) | 257-265 | | Print: 0971-4456 Online: 0976-0563 |
| 2. | Co-Author: Y.S.C. Khuman, S.K. Yadav, & M.K. Salooja | Sustainability Science in Open and Distance Learning: concept & Need Assessment in India. | Indian Journal of Open Learning, IGNOU, New Delhi | 22(3) | 173-180 | | 0971-2690 |
| 3. | Co-Author: Y.S.C. Khuman, Subhakanta Mohapatra, S.K. Yadav, & M.K. Salooja | Sustainability Science in India. Current Science. | Current Science, Current Science Association, Indian Academy of Science | 106 (1) | 24-26 | | 0011-3891 |
| 4. | Co-Author: B.P.R. Narasimharao, S.V.N. Vijayendra, M.K. Salooja | Approaches for developing self learning instructional materials for industry-oriented courses. | ASEAN Journal of Open Distance Learning, Open University Malaysia | 3(1) | 63-78 | | 2232-0814 |
| 5. | Co-Author: | Interaction | International Journal | 13(3 & | 3-26 | | 1550-6908 |

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| | Sunil Kumar, M. K. Salooja | behaviour of students with teachers in email for open and distance learning. | of Instructional Technology and Distance Learning, USA. | 4) | | | |
| 6. | Co-Author: Salooja M.K., Balachandran R. | Studies on Kulfi Production Part-I | J. Food Science Tech. (India) | 10(3) | 116 | 1982 | 0975-8402 |
| 7. | Co-Author: Salooja M.K., Balachandran R. | Studies on Production of Kulfi Part-II | Rajasthan Agricultural University Research J. | 1(1) | 14 | 1987 | |
| 8. | Co-Author: Salooja M.K., Balachandran R. | Physical properties of spray dried malted milk powder | Indian Journal of Dairy Science | XVI (4) | 456 | 1988 | 0019-5146 |
| 9. | Sacheti, A.K., Salooja M.K. and Mehrotra, V.S. | Framework for National Vocational Qualification System | Indian Journal of Vocational Education, | 2(1) | 7 | 1997 | ISSN: 0970-9061 |
| 10. | Salooja, M.K. | Open and Distance learning for Disadvantaged Groups: Some Planning issues | Staff and Educational Development International | 5(3) | 295 | 2001 | 0971-9008 |
| 11. | Salooja, M.K. | Planning for Vocational Education and Training Programmes through Open Learning System: An Analysis. | Indian Journal of Vocational Education | 5(2) | 14-28 | 2003 | ISSN: 0970-9061 |
| 12. | Panjab Singh and Salooja M.K. | Using Information and Communications Technology in Agriculture Extension:Planning Issues for Building a Framework | Indian Journal of Open Learning | 13 (2) | 181- 189 | 2004 | ISSN: 0971- 2690) |
| 13. | Salooja, M.K. | Role of Open & Distance Learning in Agriculture Education and Knowledge Management | University News. | 42(35) | 76-82 | 2004 | ISBN 81- 7520-147- 9 |
| 14. | Salooja M.K. | Convergence of Education modes | Indian Journal of Vocational | 6(1) | 15 | 2004 | ISSN: 0970-9061 |

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| | | through Qualification framework: A model for - National Vocational Qualification framework. | Education | | | | |
| 15 | Co-author : Jain, Praveen Kumar, Mohinder Kumar Salooja and G. Mythili | An Analytical Study of Web Support in Distance Education Programmes | <i>Indian Journal of Open Learning</i> | 25(3) | 187-203 | 2016 | ISSN: 0971-2690 |
| 16 | Co-author Jain, Praveen Kumar, Mohinder Kumar Salooja and G. Mythili | An explanatory study on dropout of learners and support services in distance education programme | <i>EduTech: e-Journal of Education & Technology,</i> <i>www.edutech.net.in</i> | <i>Issue Number 1701</i> | 1-9 | 2017 | (ISSN 0975-5004) |
| 17. | Co-Author: Nandakumar Kamble, D.B. Puranik & M.K. Salooja | Preparation of Probiotic Guduchi Whey Beverage | International Journal of Science, Environment and Technology | 6(4) | 2258-2270 | 2017 | 2278-3687(O) 2277-663X(P) |
| 18. | Co-Author: Ashish Khare, Apoorva Behari Lal & M.K. Salooja | Studies on Preparation & Optimization of Sugar Free Peda | Indian Res. J. Genet. & Biotech. | 9(4) | 600-604 | 2017 | ISSN No (Print): 2277-1913 |
| 19. | Co-Author: Parul Thapar, R.K. Malik & M.K. Salooja | Production and Purification of Bacteriocins of Lactic Acid Bacteria and their Application in Prevention of Dental Caries | International Journal of Scientific Research | 6(10) | 620-623 | 2017 | 2277-8179 |
| 20. | Co-Author: Parul Thapar, R.K. Malik & M.K. Salooja | Isolation and Characterization of Streptococcus Mutans and Streptococcus Sobrinus from Dental Caries to Determine its Inhibition by Bacteriocins of | International Journal for Scientific Research & Development | 5(9) | 377-380 | 2017 | 2321-0613 (Online) |

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| | | Lactic Acid Bacteria | | | | |
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5. Policy Documents Reports/ Mimeos:

| S. No. | Title | Institution / Agency | Year |
|--------|--|---|-----------|
| 1. | Formulation of Annual Plans and Five Year Plans | IGNOU, New Delhi | 1997-2003 |
| 2. | Preparation of EFC Memorandum - 2 Nos. | IGNOU, New Delhi | 1997-2003 |
| 3. | Coordination & preparation of Annual Reports of the University | IGNOU, New Delhi | 1997-2003 |
| 4. | Guidelines for Sharing of study material with State Open Universities (SOUs). | IGNOU, New Delhi | 1997-2003 |
| 5. | Development of Concept Paper/Scheme for: North-East Project, Fee Reimbursement for Girl students. | IGNOU, New Delhi | 1997-2003 |
| 6. | a) Preparation of Plan Documents: Higher Education, Technical Education, Secondary Education, Youth affairs and sports, Science Education and BADP. b) State Education Plans Analysis: States: Punjab, Haryana, Gujarat, Jammu and Kashmir and Rajasthan. | Education Department of Planning Commission, Government of India. | 1994-1997 |

6. Book Review published :

| S. No. | Author/ Co-author (if any) | Title | Name of Journal | Volume | page no.(s) | Year | ISSN No. |
|--------|----------------------------|--|--|--------|-------------|------|----------|
| 1. | A. Herremans | New Training Technologies | Indian Journal of Vocational Education | 2 (1) | 63 | 1995 | |
| 2. | R. Satyanarayana | Student Support Services and Open Learning in an Open University | Indian Journal of Open Learning | 13(2) | | 2004 | |

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

This information is provided for the period from 2015 and onwards only. The numbers of Presentations made before the year 2015 are around 30.

| S. No. | Author/ Co-author (if any) | Title of presentation, /Talk/Lecture | Name Organizing institute | Conference | City | Date and Year |
|--------|-----------------------------------|--|---|---|-----------|----------------------------|
| 1. | Salooja, M.K. and Vijayakumar, | Entrepreneurial Avenues in Dairy Sector | Indian Dairy Association | 43rd Dairy Industry Conference | Kolkata | 19th to 21st February 2015 |
| 2. | Salooja, M.K. and Vijayakumar, P. | Entrepreneurial Avenues in Food Processing Sector | Department of Food Technology, Maharshi Dayanand University | Entrepreneurial Avenues in Food Processing Sector at National seminar | Rohtak | 25th March, 2015 |
| 3. | Salooja, M.K. and Vijayakumar, P. | Open and Distance Learning in India: Present Status and Future Prospects | Staff Training and Research Institute of Distance Education | Analyzing the Need for Master's Programme in Food Safety | New Delhi | 29 and 30th September 2015 |

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| | | | (STRIDE), IGNOU | and Quality Management through Open and Distance Learning Mode” at National Seminar | | |
| 4. | Salooja, M.K. and Vijayakumar, P. | Vocational Programmes in Universities for Skill Development | Indian Dairy Association | at 44th Dairy Industry Conference | Karnal | 18th to 20st February 2016 |
| 5. | Thapar, P. Malik, R.K and Salooja, M.K. | Advances in Food Science and Technology | Department of Food Technology, Shaheed Rajguru College of Applied Sciences for Women, University of Delhi | First National Conference | Delhi | 16-17 March 2016 |
| 6. | Salooja, M.K. and Vijayakumar, P. | Vocational Programmes in Universities for skill Development: An IGNOU | NDRI, Karnal. Indian Dairyman, Conference Special | 44th Dairy Industry Conference | Karnal | May 2016 |
| 7. | Salooja M.K. | Capacity Building in Food Processing Sector Through PPP Model | National Productivity Council | National Conference on Promoting Public-Private Sector Partnerships in Enhancing Food Value Chains | New Delhi | 3rd and 4th November 2016 |
| 8. | Sinhamahapatr a, M. and Salooja, M.K. | Skilling the Human Resources for Food Processing Sector using blended mode of teaching and learning | IGNOU | International seminar on skill development through ODEL: Innovations Enterprenures hip, Employment for inclusive and sustainable livelihoods | New Delhi | 9-11 March, 2017 |

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| 9. | Salooja, M.K. and Vijayakumar, P. | Dairy Industry Conference | Indian Dairy Association | 46th Dairy Industry Conference | Kochi | 8th to 10th February, 2018 |
| 10 | Salooja, M.K. and Vijayakumar, P. | Continuing Education for Skilling and Capacity Building in Dairy Science | Indian Dairy Association | 47th Dairy Industry Conference | Patna | 7-9th February, 2019 |

8. Study Tour Organised/ Participated/ Attachment Organized/Internship:

| S. No. | Details of the tour | Name of coordinating body | Duration |
|--------|---|-----------------------------|----------------------|
| 1. | Summer Institute, Dairy Business Management, NDRI, Karnal | ICAR | 03.10.86 to 25.10.86 |
| 2. | Human Resource Planning IAMR, New Delhi | Planning Commission | 03.03.93 to 09.03.93 |
| 3. | The Internet & VOCED Database PSSCIVE, NCERT, Bhopal | NCERT & Adelaide Institute | 03.10.95 to 03.11.95 |
| 4. | Distance Education and Development of Study Material IGNOU, New Delhi | IGNOU | 12.04.99 to 23.04.99 |
| 5. | Workshop on Evaluation Technology for ETV Programmes IGNOU, New Delhi | IGNOU | 07.02.98 to 08.02.98 |
| 6. | International Workshop on Interactive Multimedia in Distance Learning, IGNOU, New Delhi | DEC, IGNOU | 09.11.04 to 25.11.04 |
| 7. | Soyfoods : Adding Value to Soybeans – Train the Trainer Program , JNKVV, Jabalpur | ASA International Marketing | 04.07.06 to 07.07.06 |
| 8. | Refresher Course for Teachers on Food Safety, IGNOU, New Delhi. | Quality Council of India | 05.05.08 to 24.05.08 |
| 9. | Regional Training Workshop on Planning, Evaluation & Impact Assessment of R&D Investments in Agriculture, Addis Ababa, Ethiopia | IFPRI & ILRI. | 04.08.08 to 15.08.08 |
| 10. | MDP Training on Case Teaching Writing for Agribusiness Education, IIM, Lucknow. | NAIP | 19.01.11 to 21.01.11 |
| 11. | Study/Practical tour organized for students of PGDFT and DVAPFV | DMS, SAFAL | 2013 & 2019 |

9. Consultancy assignment (if any): **NIL**

| S.No. | Organization/ agency | Cost, title of consultancy | Duration |
|-------|----------------------|----------------------------|----------|
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10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

| S. No. | Agency | Amount | Duration with dates | Status i.e. ongoing/completed |
|--------|---|---|---------------------|-------------------------------|
| 1. | Ministry of Rural Development, Government of India (GoI). (Title: Awareness packages for self-help groups) | Rs. 29 lakhs sanctioned. Rs.14.5 lakhs received. | Since 2006 | Ongoing |
| 2. | Central Silk Board, Ministry of Textiles, GoI. (Title: Human Resource Development in Sericulture and ancillary disciplines) | Rs. 1.80 crores sanctioned (equal sharing basis). Rs. 10 lakhs received. | Since 2006 | Ongoing |
| 3. | Food Safety and Standards Authority of India, GoI (Title: Training Module on Food Safety & Hygiene for Housewives) | Rs.16.6 lakhs sanctioned. Rs. 9.79 received. | 5 years (2011-16) | Completed |
| 4. | Ministry of Food Processing Industries (MoFPI), GoI. (Title "Creation of Infrastructural Facilities for running PG Diploma in Food Science & Technology" Project under Scheme for Human Resource Development of MoFPI.) | Rs. 75 lacs and Rs.37.5 lacs. | 2011 - till date | Ongoing |
| 5. | Ministry of Food Processing Industries, GoI (Title: Open Learning interventions for development of Competent and productive human resource for food processing industries) | Rs.4.81 crores sanctioned. Rs. 1.897 crores received. | 2004 to 2013 | Completed |
| 6. | Ministry of Agriculture, GoI. (Title: Open Learning Interventions for development of Human Resource in Agriculture: Capacity Building through Distance Learning) | Rs.19.68 lakhs sanctioned. Rs. 19.68 received. | 2004 to 2008 | Completed |

11. Details of PhD and MPhil Scholars (including those awarded degree):

| S. No. | Name and enrolment no: | Year of Registration | Year of completion/ award |
|--------|--|----------------------|-----------------------------------|
| 1. | Dr. Hari Ram (112246622) Ph.D. in Dairy Science and Technology (PHDDR), IGNOU | 2011 | 2016 / Degree awarded. |
| 2. | Dr. Rupesh Shrikant Chavan (112246425) PHDDR, IGNOU | 2011 | 2016 / Degree awarded. |
| 3. | Ms. Nanda Kumari Kamblae (131636512) PHDDR, IGNOU | 2013 | Not completed/Degree not awarded. |
| 4. | Ms. Parul Thapar (131636537) PHDDR, IGNOU | 2013 | Not completed/Degree not awarded. |
| 5. | Mr. Ashish Khare (131636520) PHDDR, IGNOU | 2013 | Not completed/Degree not awarded. |

12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:

| S. No. | Programme | Course | Unit (print)/ Audio/ Video/ | Coordinated/Written/ Edited (content/ language/ format)/ | Period |
|--------|-----------|--------|-----------------------------|--|--------|
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| | | | eSLM | Translated | |
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| 1 | Diploma in Value Added Products from Fruits & Vegetables (DVAPFV) | Eight course viz. 1) BPVI-001: Food Fundamentals 2) BPVI-002: Principles of Post Harvest Management 3) BPVI-003: Food Chemistry and Physiology 4) BPVI-004: Food Processing and Engineering I 5) BPVI-005: Food Microbiology 6) BPVI-006: Food Processing and Engineering II 7) BPVI-007: Food Quality Testing and Evaluation 8) BPVI-008: Entrepreneurship and Marketing | Print & Video | <ul style="list-style-type: none"> • Programme Coordination • Course Coordination (All 8 course) • Developed Programme Guide • Heat Application of Block 1 of Course BPVI-006 (ISBN No.81-266-2068-4) • Dairy, Poultry, Meat, Fisheries and Marine Products of Block 2 of course BPVI-001 (ISBN No.81-266-1946-5) | 2006 to till date |
| 2 | Diploma in Dairy Technology (DDT) | Eight course viz. 1) BPVI-011: Milk Production and Quality of Milk 2) BPVI-012: Dairy Equipment and Utilities 3) BPVI-013: Milk Processing and Packaging 4) BPVI-014: Dairy Products - I 5) BPVI-015: Dairy Products - II 6) BPVI-016: Dairy Products - III 7) BPVI-017: Quality Assurance 8) BPVI-018: Dairy Management and Entrepreneurship | Print & Video | <ul style="list-style-type: none"> • Programme Coordination • Course Coordination (All 8 course) • Developed Programme Guide • Pasteurization of Block 2 of BPVI-013 (ISBN No.81-266-2506-6) | 2007 to till date |
| 3 | PG Diploma in Food Safety and Quality Management (PGDFSQM) | Eight course viz. 1) MVP-001: Food Fundamentals & Chemistry 2) MVPI-001: Food Microbiology 3) MVP-002: Food Laws and Standards 4) MVP-003: Principles | Print & Video | <ul style="list-style-type: none"> • Programme Coordination • Course Coordination (All 8 course) • Developed Programme Guide | 2009 to till date |

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| | | of Food Safety and Quality Management 5) MVP-004: Food Safety and Quality Management 6) MVPL-001: Food Safety and Quality Auditing 7) MVPL-002: Chemical Analysis and Quality Assurance 8) MVPP-001: Project Work | | | |
| 4 | Ph.D in Dairy Science and Technology (PHDDR) | Four Core Courses Compulsory <i>viz.</i> 1) RDR- 001: Advances in Lipid Technology 2) RDR- 002: Advances in Protein Technology 3) RDR- 003: Product Monitoring and Process Control 4) RDR- 004: R&D Management in Dairy Industry Any Four Courses from Optional Courses <i>viz.</i> 5) RDR- 005: Developments in Dairy Processing 6) RDR- 006: Dairy By-products Technology & Processing 7) RDR- 007: Advances in Chemistry of Milk Processing 8) RDR- 008: Advances in Analytical Techniques in Dairy Chemistry 9) RDR- 009: Applied Food Biotechnology 10) RDR- 010: Dairy & Food Microbiology 11) RDR- 011: Dairy & Food Engineering -I 12) RDR- 012: Dairy & Food Engineering -II | | <ul style="list-style-type: none"> • Programme Coordination • Course Coordination (All 12 course) • Developed Programme Guide | 2011 to till date |
| 5 | PG Diploma in Food Science and Technology (PGDFT) | MFT-007: Dairy Technology | eSLM and audio-video | Coordinated | 2011-2013 |
| 6 | MOOCs on SWAYAM | (i) Food Laws and Standards | eSLM and | Coordinated | 2017 & 2018 |

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| | Platform | (ii) Technology of Fermented, Cheese, Ice cream and By-Products | audio-video | | (Two batches) |
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- **Courses/ Units translated and period**
- **Audio programmes (title, Course, period):**

| Sl. No. | Title of the video and course | Period |
|---------|--|---------|
| 1) | Control of Handling Losses & Utility Management in a Dairy Plant | 2012-13 |
| 2) | Value Addition in Fruits & Vegetables | 2013-14 |
| 3) | Post Harvest Management of Fruits & Vegetables | 2013-14 |
| 4) | Entrepreneurship in Dairy Products | 2017-18 |
| 5) | Virtues of Buffalo Milk | 2017-18 |
| 6) | Suitability of Buffalo Milk for Dairy Products | 2017-18 |

- **Video programmes(title and Course, period):**

PGDFSQM Programme

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| 1 | MVPI-001-11VE(10) | FOOD MICROBIOLOGY | 2010 |
| 2 | MVP-002-07VE(09) | TRADE REGULATIONS IN INDIA FOOD INDUSTRY | 2009 |
| 3 | MVP-002-06VE (09) | CODEX ALIMENTARIUS COMMISSION | 2009 |
| 4 | MVPL-002-04VE (09) | CHEMICAL ANALYSIS AND QUALITY ASSURANCE PART-1 | 2009 |
| 5 | MVPL-002-05VE (09) | CHEMICAL ANALYSIS AND QUALITY ASSURANCE PART-2 | 2009 |
| 6 | MVP-002-03VE (09) | IMPLEMENTATION OF FOOD SAFETY AND STANDARD ACT, 2006 | 2009 |
| 7 | MVP-002-08VE (10) | ESSENTIAL COMMODITIES ACT | 2010 |
| 8 | MVP-002-09VE (10) | RESIDUAL PESTICIDES IN FOOD CHAIN & ITS ANALYSIS | 2010 |
| 9 | MVP-003-02VE (09) | HAZARD ANALYSIS AND CRITICAL CONTROL POINT (HACCP) | 2009 |
| 10 | MVP-003-12VE (09) | FOOD SAFETY | 2009 |
| 11 | MVP-003-10VE (10) | HAZARD ANALYSIS & CRITICAL CONTROL POINT | 2010 |
| 12 | MVP-004-01VE (09) | PG DIPLOMA IN FOOD SAFETY AND QUALITY MANAGEMENT | 2009 |
| 13 | MVPL 002-13VE (10) | CHEMICAL ANALYSIS OF FOOD & QUALITY ASSURANCE | 2010 |
| 14 | MVE -14VE (13) | FOLLOW | 2013 |
| 15 | MVE -15VE (13) | TESTING OF COMMON FOOD ADULTRANTS AT HOME | 2013 |
| 16 | MVP 002-16VE (16) | LICENSING AND REGISTRATION OF FOOD BUSINESS | 2016 |
| 17 | MVP-002-17VE (18) | BUREAU OF INDIAN STANDARDS, PART - I | 2018 |
| 18 | MVP-002-18VE (18) | BUREAU OF INDIAN STANDARDS, PART - II | 2018 |
| 19 | MVP-002-19VE (19) | BASICS OF FOOD SAFETY | 2019 |

DVAPFV Programme

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|---|--------------------|-----------|------|
| 1 | BPVI-001-08VE (06) | NUTRITION | 2006 |
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| 2 | BPVI-001-14VE (07) | CHARACTERISTICS OF EDIBLE AGRICULTURAL PRODUCTS | 2007 |
| 3 | BPVI-001-15VE (07) | INTRODUCTION TO FOOD SCIENCE AND TECHNOLOGY | 2007 |
| 4 | BPVI-001TO 008-02VE (06) | INTRODUCTION TO PRODUCTION OF VALUE ADDED PRODUCTS FROM FRUITS AND VEGETABLES | 2006 |
| 5 | BPVI-001 TO 008 (07) | DIPLOMA PROGRAMME ON VALUE ADDED PRODUCTS FROM FRUITS AND VEGETABLES | 2007 |
| 6 | BPVI-002-10VE(06) | POST HARVEST TREATMENTS | 2006 |
| 7 | BPVI-002 (06) | STORAGE STRUCTURE FOR FRUIT AND VEGETABLE | 2006 |
| 8 | BPVI-002 (06) | POST HARVEST MANAGEMENT OF FRUITS AND VEGETABLES AND FREEZING OF PEAS | 2006 |
| 9 | BPVI-002-11VE (07) | STORAGE & MARKETING OF FRUITS & VEGETABLES | 2007 |
| 10 | BPVI-002-03VH(06) | JARA SAMBHAAL KE YE AAM HAI – AAM KI TUDAI EVAM SAMBHAAL | 2006 |
| 11 | BPVI-002-04VE(06) | RASEELA – PREPARATION OF PULP, SQUESH AND NECTOR FROM MANGO | 2006 |
| 12 | BPVI-002-13VE (07) | PRINCIPLE OF POST HARVEST MANAGEMENT OF FRUITS AND VEGETABLES | 2007 |
| 13 | BPVI-002-12VE (07) | PROCESSING AND PRESERVATION | 2007 |
| 14 | BPVI-003-06VE (06) | FOOD CONSTITUENTS | 2006 |
| 15 | BPVI-003-07VE (06) | OVERVIEW OF FOOD CHEMISTRY AND PHYSIOLOGY | 2006 |
| 16 | BPVI-003-05VH (06) | WINE BANAYEIN | 2006 |
| 17 | BPVI-006-01VE (06) | CANNING OF FRUITS AND VEGETABLE | 2006 |
| 18 | BPVI-007-17VE (07) | SIMPLE METHODS OF DETECTION OF ADULTRERANTS IN FOOD PRODUCTS | 2007 |
| 19 | BPVI-007-20VH (09) | PRASANSKRIT UTPADO MEIN PAAYE JANE VALI MILAVATI VASTUO KA PATA LAGANE KE SARAL TARIKE | 2009 |
| 20 | BPVI-007-21VH (09) | PRASANSKRIT UTPADO KI GUNVATTA KE MULYANKAN KE LIYE PRAYOGSHALA SUVIDAHYE | 2009 |
| 21 | BPVI-007-18VE (07) | LABORATORY FACILITIES FOR QUALITY EVALUATION OF PROCESSED PRODUCTS | 2007 |
| 22 | BPVI-09VE (07) | REVIEW OF BPVI -FOUR COURSES BPVI-001,003,005 AND 008 | 2007 |
| 23 | BPVI-16VE (07) | AN INTRODUCTION IN DIPLOMA VALUE ADDED PROGRAMME (DVAPFV) | 2007 |
| 24 | DVAPFV-19VE (09) | INTRODUCTION TO DIPLOMA IN VALUE ADDED PRODUCTS FROM FRUITS AND VEGETABLES | 2009 |
| 25 | BPVI- VE (12) | POST HARVEST MANAGEMENT IN POTATO & RICE | 2012 |
| 26 | BPVI (12) | INTEGRATED NUTRIENT MANAGEMENT IN RICE & POTATO | 2012 |
| 27 | BPVI-005 | PREVENTION & CONTROL OF MICROBIAL SPOILAGE | |

DDT Programme

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|---|---------------------|---|------|
| 1 | BPVI-011 TO 018(07) | ORIENTATION PROGRAMME IN DIARY TECHNOLOGY | 2007 |
| 2 | BPVI-011-01VE (07) | PROCUREMENT AND QUALITY OF MILK | 2007 |
| 3 | BPVI-018-02VE (08) | MARKETING OF MILK AND MILK PRODUCTS | 2008 |
| 4 | BPVI-012-04VE (10) | DAIRY EQUIPMENT FOR PRODUCT PROCESSING | 2010 |
| 5 | BPVI-012-11VE (11) | VIDYUT MOTOR | 2011 |
| 6 | BPVI-013-12VE (11) | MILK RECEPTION | 2011 |

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| 7 | BPVI-014-05VE (11) | MAKKHAN | 2011 |
| 8 | BPVI-014-07VE (11) | GHEE | 2011 |
| 9 | BPVI-015-10VE (11) | DUGDH POWDER | 2011 |
| 10 | BPVI-015-09VE (11) | PANEER | 2011 |
| 11 | BPVI-015-08VE (11) | BARFEE | 2011 |
| 12 | BPVI-016-06VE (11) | CHEESE | 2011 |
| 13 | BPVI-016-14VE | MOTOR WINDING | |
| 14 | BPVI-03VE (09) | HUMAN RESOURCE DEVELOPMENT IN DAIRY PROCESSING | 2009 |
| 15 | BPVI-13VE (12) | APPLICATION OF FOOD SAFETY AND STANDARDS ACT TO DAIRY INDUSTRY | 2012 |
| 16 | BPVI 011 (16) | FUNDAMENTALS OF DAIRY CHEMISTRY, PART - I | 2016 |
| 17 | BPVI 011 (16) | FUNDAMENTALS OF DAIRY CHEMISTRY, PART - II | 2016 |
| 18 | BPVI-011 (18) | CLEAN MILK PRODUCTION | 2018 |

13. Training programmes designed and conducted, duration and dates

| S. No. | Programme | Dates | Place | Number of Participants |
|--------|---|------------------------------|--------------------------|------------------------|
| 1. | FOSTAC training programme for Food Safety Supervisor - Advance Manufacturing | 23-05-2018 | IGNOU, New Delhi | 27 |
| 2. | FOSTAC training programme for Food Safety Supervisor - Basic Manufacturing | 23-10-2018 | IGNOU, New Delhi | 11 |
| 3. | FOSTAC training programme for Food Safety Supervisor - Advance Manufacturing | 26-10-2018 | IGNOU, New Delhi | 14 |
| 4. | Coordinated 12 days "Appreciation Course on Food Safety for College Teachers" Organized by School of Agriculture, IGNOU, New Delhi. | 14th to 25th June 2010 | IGNOU, New Delhi | |
| 5. | Coordinated and organized in the 21-day "Refresher Course on Food Safety" in collaboration with Quality Council of India (QCI). | 5-24 th May, 2008 | IGNOU, New Delhi | |
| 6. | Coordinated, organized and delivered lecture in 5-day "Orientation Programme for the Officers of FSSAI". | 17-21th August, 2009. | FSSAI Bhawan, New Delhi. | |
| 7. | Orientation Programme for PSC In-Charge and Academic Counsellors | 2 nd May, 2008 | CIRG, Makhdoom, Mathura | 8 |
| 8. | Workshop for unit writers of "PG Diploma in food Science and Technology" programme | 11 th May, 2010 | IGNOU, Delhi | 7 |
| 9. | Recent Developments in Milk Processing and Value Added Dairy Products | 16-18 Nov, 2011 | NIFTEM, Kundli, Haryana | 25 |
| 10. | Induction –cum–Orientation Programme for | 10 Oct, 2014 | Jamia Hamdard, | 12 |

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|-----|--|----------------------------|----------------------|----|
| | Academic Counsellors and Students | | Delhi | |
| 11. | Induction –cum-Orientation Programme for Academic Counsellors and Students | 25 Oct, 2015 | Jamia Hamdard, Delhi | 8 |
| 12. | Induction –cum-Orientation Programme for Academic Counsellors and Students | 30 th Oct, 2016 | Jamia Hamdard, Delhi | 10 |
| 13. | Induction –cum-Orientation Programme for Academic Counsellors and Students | 26 th Oct, 2017 | Jamia Hamdard, Delhi | 10 |

14. Details of Counselling sessions conducted:

| S.No. | Programme | Course | Place | Dates | Duration | Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other) |
|-------|--|--------|-------|------------|----------|---|
| 01) | Hazard Analysis and Critical Control Point | | Delhi | 09.04.2019 | 30 min. | Teleconferencing |
| 02) | Principles and Methods of Manufacture of Ghee | | Delhi | 11.04.2019 | 30 min. | Teleconferencing |
| 03) | Cleaning and Sanitization of Dairy Equipment | | Delhi | 25.03.2019 | 30 min. | Teleconferencing |
| 04) | Basics of Food Safety | | Delhi | 25.09.2018 | 30 min. | Teleconferencing |
| 05) | Milk Processing Operations | | Delhi | 01.02.2019 | 1 hour | IRC |
| 06) | Swasth Bharat Yatra | | Delhi | 26.01.2019 | 1 hour | IRC |
| 07) | Dairy Equipment and Utilities | | Delhi | 04.01.2019 | 1 hour | IRC |
| 08) | Use of Liquid Nitrogen for Instant Freezing of | | Delhi | 15.02.2019 | 1 hour | IRC |

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|-----|--|--|-------|------------|---------|------------------|
| | Ice-cream & Food Product & Uses of Anti-Microbial Drugs | | | | | |
| 09) | Food Chemistry | | Delhi | 02.11.2018 | 1 hour | IRC |
| 10) | Sweetners & Human Health: Aaj Se Thoda Kam | | Delhi | 20.10.2018 | 1 hour | IRC |
| 11) | Training in Food Safety | | Delhi | 06.10.2018 | 1 hour | IRC |
| 12) | Regulation of Food Import in India | | Delhi | 15.09.2018 | 1 hour | IRC |
| 13) | Food Licensing and Regulation | | Delhi | 01.09.2018 | 1 hour | IRC |
| 14) | Sanitary and Hygienic Requirement for a Food Establishment | | Delhi | 18.08.2018 | 1 hour | IRC |
| 15) | Clean Milk Production | | Delhi | 17.08.2018 | 1 hour | IRC |
| 16) | Food Fraud and Food Defence | | Delhi | 04.08.2018 | 1 hour | IRC |
| 17) | Entrepreneurial Avenues in Dairy Sector | | Delhi | 03.08.2018 | 1 hour | IRC |
| 18) | Manufactures of High Fat Dairy Products | | Delhi | 18.05.2018 | 1 hour | IRC |
| 19) | Milk Processing and Packaging | | Delhi | 20.04.2018 | 1 hour | IRC |
| 20) | Food Safety and Nutrition at School-II | | Delhi | 15.04.2018 | 1 hour | IRC |
| 21) | Food Safety Legislation What you should know? | | Delhi | 25.02.2018 | 1 hour | IRC |
| 22) | Introduction to Diploma Programmes of Agriculture | | Delhi | 25.07.2018 | 30 min. | Teleconferencing |
| 23) | Clean Milk | | Delhi | 08.08.2018 | 30 min. | Teleconferencing |

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|-----|--|--|-------|----------------|---------|------------------|
| | Production (BPVI-011) | | | | | |
| 24) | Milk Processing Operations | | Delhi | 20.02.2019 | 30 min. | Teleconferencing |
| 25) | Salient features of Food Safety and Standards Acts | | Delhi | 20.02.2019 | 30 min. | Teleconferencing |
| 26) | Introduction to Food Science | | Delhi | 05.10.2018 | 30 min. | Teleconferencing |
| 27) | Chemistry of milk and milk products | | Delhi | 05.01.2018 | 1 hour | IRC |
| 28) | Clean Milk Production | | Delhi | 13.10.2017 | 1 hour | IRC |
| 29) | Introduction in PG Diploma in Food Safety and Quality Management | | Delhi | 09.06.2017 | 1 hour | IRC |
| 30) | Milk and its nutritional Importance | | Delhi | 21.07.2017 | 1 hour | IRC |
| 31) | Post harvest handling of fruits and vegetables | | Delhi | 04.08.2017 | 1 hour | IRC |
| 32) | Sanitary and hygienic requirements for food manufacturing establishments | | Delhi | 01.09.2017 | | IRC |
| 33) | Overview of Agriculture programme in IGNOU | | Delhi | February, 2017 | | IRC |
| 34) | Induction and Counselling sessions of PGDFSQM | | Delhi | 2017 & 2018 | | Face to face |

15. Details of Patents granted (if any):

- Nil -

16. Contribution to IGNOU's corporate life:

| S. No. | Chairperson/ Member of Committee |
|--------|---|
| 1. | • Member, School Board, School of Agriculture e, School of Vocational Education and |

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| | Training, School of Social Sciences, School of Sciences, School of Continuing Education, School of Interdisciplinary Committee, School of Tourism Hospitality Service Management, School of Interdisciplinary and Trans-Disciplinary Studies |
| 2. | <ul style="list-style-type: none"> • Member, Examination Discipline Committee • Member, Academic Council • Member, Research Council • Member, Planning Board • Member, Purchase Committee • Member, Horticulture Committee • Member, Student Support Service (SSC) |
| 3. | <ul style="list-style-type: none"> • Assisted Chairperson and Executive Director, Chair for Sustainable Development, IGNOU as Adjunct Faculty • Executive Director, Chair for Sustainable Development, IGNOU • Member, Committee for deputing teachers/academics of the university for training programme in foreign countries • Chairperson: Revision of Leave Rules for Teachers/ Academics |
| 4. | <ul style="list-style-type: none"> • Member, Review of FDDI Programmes • Member, URKUND Anti Plagism • Member, Enquiry for excess procurement of answer sheet (TEE) • Examining the period of absence of Sh. K. Venkataraman, EMPC • Member, Aadhaar Identity • Examining Monitoring Committee/Task Force • Member – Review and finalized a list of journals (UGC Portal) • Chairperson: Examination problem of students of Community College • Chairperson - Re-constitute physical Inspection Committee (PIC) for paper and art card • TOEC meeting: Taxi/Card tender for empanelment • Open and Evaluate Quotations for Empanelment of CAs • Academic Advisory Committee for assisting the Nation Co-ordinator Member • To review the organization, Infrastructure & future requirements of Gyan Vani FM Member • Member - To deliberate the proposed limited theory counseling (LTC) on enrolled programmes • Chairman - Gold and Silver Medals for best Research paper • Chairman - To monitor the Examination activities and handle problems - Until the declaration of results of TEE, June, 2018 • Member - Re-constitution of the Library Committee • Member - Print Committee for MPDD. • Member - To organize the conference of Academic Leadership on Education for Resurgence Member • Member - Organizing Committee for Foundation Day at Convention Centre • Chairperson - TOEC/OBOC |

17. Administrative position/s held in the University (even as in charge)

| S. No. | Designation | Period |
|--------|---|--------------------------------|
| 1. | Director, School of Agriculture (SOA), IGNOU | Since 27.06.2016 to 24.6.2019 |
| 2. | Chairperson, Horticulture Cell, IGNOU | Since 18.07.2018 to 24.6.2019. |
| 3. | Executive Director (I/C), Chair for Sustainable Development, IGNOU. | 3.11.2011-17.9.2014 |

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| | | |
| 4. | Director, School of Agriculture, IGNOU. | From 15.05.2009 till 2013 |
| 5. | Assisted Chairperson and Executive Director, Chair for Sustainable Development (CSD) as an Adjunct faculty | 01.06.2008 to (ACD Office Order No. 609 dated 01.06.2008) |

18. Any other contribution/information

Played an important role in building up the School of Agriculture, IGNOU; Agriculture Division, Central Institute of Vocational Education in NCERT and Dairy Technology Department, College of Dairy Science, Udaipur as I joined these institutions in the initiative stages of their establishment

Signature of Teacher /Academic**Signature of Director/ Head**