



Title	Mr.	First Name	MANISH	Last Name	SACHDEVA	Photograph
Designation	Associate Professor					
Address	257, PARM ANAND COL ONY DEL HI - 110009					
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Residence						
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Web-Page						
Educational Qualifications	M. Sc., M. Phil. (Zoology)					
Degree	University/Institute			Year		
Ph.D.						
M.Phil./M.Tech.	Department of Zoology, University of Delhi			2004		
PG	Department of Zoology, University of Delhi			2003		
UG	University of Delhi			2001		
Any Other Qualification						
Career Profile						

Ad-hoc lecturer in Kiri or Mal College 24th August 2005- 2nd March 2006
 Temporary lecturer at Shivaji College 26th June 2006- 18th August 2008
 Permanent :

Assistant Professor 19th August 2008– 12th July 2021
 Associate Professor 13th July 2021 – Till date

Administrative Assignments

- Coordinator "Equal opportunity cell" 2009-10 and 2010-11
- **Teacher in-charge (Zoology Department, Shivaji College) academic sessions 2013-14 and 2018-19**
- **Deputy Examiner in attendance** for college regular students: Academic session 2014-15, 2016-17 and 2019-20
- **Examiner in attendance** for SOL (School of open learning): Academic session 2017-2018
- **Nodal officer** for OBE (Open Book Examination) – August & September 2020, NOV-DEC - 2020 and MARCH 2021
- **Library committee convenor** – 2019-20 and 2020-21

Areas of Interest/Specialisation

Entomology, Pesticide Toxicology, Multi-pesticide analysis of Residue,

Microbial bioremediation of pesticides (Endosulfan)

Subjects Taught

GENETICS, IMMUNOLOGY, BIOTECHNOLOGY, MOLECULAR BIOLOGY, PARASITOLOGY, HUMAN PHYSIOLOGY, CELL BIOLOGY, BIOINFORMATICS

Innovation Project/Research Projects (Major Grants/Research Collaboration)

Publications Profile (Research Papers/Books)

1. Method validation using ¹⁴C-chlorpyrifos as an internal standard analyte to determine the uncertainty and variability in multi-step processing of Potato during pesticide residue analysis, International Journal of Entomology, Research, July 2021, Volume 6, Issue 4, Pages 23-28.
2. Estimation of Uncertainty and Variability for sample processing in Brinjal (Eggplant) for pesticide residue analysis using Organophosphate pesticide ¹⁴C-chlorpyrifos, International Journal of Entomology Research, July 2021, Volume 6, Issue 4, Pages 36-41.
3. Matrix induced effect on recovery of pesticides in multi-residue analysis of Brinjal, Annals of Plant Protection, July 2021, Volume 29, Issue 2, Pages 124-9.
4. Multi-residue analysis of pesticides in potato matrix, Annals of Plant Protection, July 2021, Volume 29, Issue 2, Pages 151-5.

Conference/Seminar/Faculty Development Programme/Workshop

*Academic Staff College Orientation/ Refresher Course attended :
Orientation course (OR-64) from CPDHE- four weeks (18-11-2010 to 15-12-2010)
Refresher course : Biotechnology and its applications from CPDHE- three weeks (21-07-2009 to 10-08-2009)
Refresher course : Life sciences from CPDHE- three weeks (17th July, 2018 to 6th August, 2018)
Faculty development programme (two weeks) on Data Analysis and software packages, Department of Statistics Hindu College, University of Delhi (12-12-2018 to 24-12-2018)
Workshop on Recombinant protein: Expression, purification and characterization, two weeks (02-07-2019 to 17-07-2019), CII DRET, South campus, University of Delhi
Faculty Development Program on "Cinema, Society and Education", Ministry of Education, PMMMNMTT, ARSD college and TLC, Ramanujan College, 6th to 19th April 2021
Faculty Development Program on "Managing online classes and co-creating MOOCs 5.0", PMMMNMTT, TLC, Ramanujan College, 11th to 25th May 2021
Faculty Development Program on "Psychological skills of effective teaching and learning", PMMMNMTT, TLC, Ramanujan College, 1st to 7th June 2021
Faculty Development Program on "BLENDED LEARNING AND PEDAGOGICAL TECHNIQUES", PMMMNMTT, TLC, Ramanujan College, 7th to 18th June 2021
Faculty Development Program on "LIFE SCIENCES", Ministry of Education, PMMMNMTT, Miranda House and TLC, Ramanujan College, 1st to 15th September 2021

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

Awards and Distinctions

Memberships

Society for Plant protection Sciences (IARI/ ICAR)

Other Academic Activities

*“ Certificate Course in Environmental Studies” from I.G.N.O.U. (Indira Gandhi National Open University, New Delhi).

*Computer Literacy: Done ‘A’ level course from DOEACC and a short duration computer course from Delhi University Computer Centre (D.U.C.C.).

*Computer Languages known: C- Language, Oracle, Operating Systems versed with: DOS, UNIX

*Post Graduate Diploma in Bioinformatics (P.G.D.B.I.) from Jamia Hamdard, Hamdard Nagar, New Delhi.

*Post Graduate Diploma in Environmental and Sustainable development (P.G.D.E.S.D.) from I.G.N.O.U., New Delhi.

*Post Graduate Diploma in Intellectual Property Rights (I.P.R.) from I.G.N.O.U., New Delhi.

* Certificate courses : INTERNATIONAL UNIVERSITIES

- **Clinical Psychology** – University of Queensland (Australia)
- **Biology of Cancer** (Honours in Liver Cancer)- Johns Hopkins University
- Specialization - **Immunology** (4 courses) – Rice University
- **Forensic Science** – Nanayang Technology University, Singapore
- **Tropical Parasitology**: Protozoans, worms, vector and human diseases – Duke University
- **Genetics and Evolution** – Duke University
- **Systems Biology** – Icahn School of Medicine at Mount Sinai
- **Understanding the Brain: The Neurobiology of Everyday Life** – University of Chicago
- **University Teaching** – The University of Hong Kong
- **Covid-19: What you need to know?** - Osmosis.org & IPMA
- **Epidemics - the Dynamics of Infectious Diseases** - The Pennsylvania State University
- **Nanotechnology: A maker's course** – Duke University and N C State University, The University of North Carolina
- **Molecular Spectroscopy** - University of Manchester
- **The Basics of Trauma Surgery**. Technische Universität München (TUM) - University of Munich
- **Thoracic Oncology** - University of Michigan
- **SARS-CoV-2 and acute respiratory viral infections** - Saint Petersburg State University
- **The Science of Stem Cells** - American Museum of Natural History
- **Transgender Medicine for General Medical Providers** - Icahn School of Medicine at Mount Sinai

Cultural/Extracurricular Activities

MANISH KUMAR SACHDEVA

Signature of Faculty Member