




Shivaji College Faculty Details Proforma

Title	Dr.	First Name	RAKESH	Last Name	ROSHAN	Photograph
Designation		ASSISTANT PROFESSOR				
Address		WZ 90, OLD SAHIBPURA, TILAK NAGAR, NEW DELHI, PIN- 110018				
OfficePhone No.		NA				
Residence		NA				
Mobile		9811751548				
Email		RAKESH.BIOTECH85@GMAIL.COM				
Web-Page						
Educational Qualifications						
Degree		University/Institute			Year	
Ph.D.		UNIVERSITY OF DELHI			2015	
M.Phil./M.Tech.						
PG		JIWAJI UNIVERSITY			2009	
UG		MAGADH UNIVERSITY			2007	
Any Other Qualification						
Career Profile						
<p>I was appointed as Assistant Professor on Ad-hoc basis in department of Biomedical Science, Acharya Narendra Dev College, University of Delhi from 7 August 2015 to till 24 July 2019.</p> <p>I am Working as Assistant Professor on Ad-hoc basis in department of Zoology, Shivaji College, University of Delhi. From 25 July 2019 till date.</p>						

Administrative Assignments
NA
Areas of Interest/Specialisation
IMMUNOBIOLOGY, ANIMAL BIOTECHNOLOGY, MOLECULAR BIOLOGY, GENETICS, EVOLUTIONARY BIOLOGY, PHYSIOLOGY.
Subjects Taught
GENETICS, EPIDEMIOLOGICAL DATA ANALYSIS, IMMUNOBIOLOGY, MEDICINAL CHEMISTRY, COMPUTATIONAL BIOLOGY, BIO-ORGANIC CHEMISTRY, BIOLOGICAL CHEMISTRY, CELL BIOLOGY, HUMAN PHYSIOLOGY, FORENSIC SCIENCE, CELL AND RADIATION BIOLOGY, BIOPHYSICS, ANIMAL DIVERSITY, PRINCIPLES OF GENETICS, GENETICS AND EVOLUTIONARY BIOLOGY, COMPARITIVE ANATOMY AND DEVELOPMENTAL BIOLOGY OF VERTEBRATES.
Innovation Project/Research Projects (Major Grants/Research Collaboration)
NA
Publications Profile (Research Papers/Books)
<ul style="list-style-type: none"> • Geetanjali Sageena, Shreya Choudhary, Nalini Mishra, Rakesh Roshan and Mallikarjun Shakarad, Role of Juvenile Environment in pre-adult development and Adult metabolites in <i>Drosophila melanogaster</i>, IJERD 2014,4:361-370. ISSN No. 2249-3131 • Geetanjali Sageena, Nalini Mishra, Rakesh Roshan, Shreya Choudhary and Mallikarjun Shakarad, Standardisation of LD-50: Toxicity study using Paraquat Dichloride in <i>Drosophila melanogaster</i> for various life history traits. Global Sustainability Transitions; Impacts and Innovations. ISBN No. 978-93-83083-77-0, 74-77. UGC NO. NA • Geetanjali Sageena, Shreya Choudhary, Nalini Mishra, Rakesh Roshan and Mallikarjun Shakarad, Role of Environment on larval growth in <i>Drosophila melanogaster</i>, IJAER 2014,9:1029-1032. ISSN No. 0973-4562. UGC NO. 64529 • Geetanjali Sageena, Nalini Mishra, Shreya Choudhary, Rakesh Roshan and Mallikarjun Shakarad. Effect of Heavy metal tolerance induced oxidative stress on

energy metabolism in *Drosophila melanogaster*. *EXPERT OPINION ON ENVIRONMENTAL BIOLOGY*. DOI: 10.4172/2325-9655.1000155, 2018 VOL 7

- Jitendra Kumar Chaudhary, Rohitash Yadav *, Pankaj Kumar Chaudhary, Anurag Maurya, **Rakesh Roshan**, Faizul Azam, Jyoti Mehta, Shailendra Handu, Ramasare Prasad, Neeraj Jain, Avaneesh Kumar Pandey, Puneet Dhamija. Host cell and SARS-CoV-2-associated molecular structures and factors as potential therapeutic targets. *Cells* **2021**, 10(9), 2427

Conference/Seminar/Faculty Development Programme/Workshop

- International Conference on Functional & Interaction Proteomics: Application in Food & Health for participation in "Education Day" organised by NIPGR, New Delhi, India 12-13h December 2016
- National Seminar on "Recent Trends In Biological Research and Career Prospects" held on 27th September, 2019 at Shivaji College, University Of Delhi.
- Organizing member Inter College Laboratory Skill Training Programme for Assistants /Attendants in Chemical and Life Science Laboratories organized by Shivaji College, University of Delhi from 27th November -3rd December, 2019.
- Resource person Inter College Laboratory Skill Training Programme for Assistants /Attendants in Chemical and Life Science Laboratories organized by Shivaji College, University of Delhi from 27th November -3rd December, 2019.
- International Conference on Climate Change & Sustainable Management of Natural Resources Organized By Institute Of Allied Sciences & Computer Applications, ITM Universe Gwalior, 10-12 November, 2009.
- Member of Organizing committee of National Conference and Workshop on "Trends and Scope of Forensic Science", organized by Department of Biomedical Science, Acharya Narendra Dev College on 11th - 12th April, 2017
- One Week Faculty Development Program on DATA SCIENCE AND BIG DATA ANALYTICS conducted by ICT Academy from 27 Nov 2017 to 01 Dec 2017 held at HMR Institute of Technology and management, New Delhi
- Participated in International Summit on Women in STEM-"Visualizing the Future: New Skylines" held at India Habitat Centre, Lodhi Road, Delhi on January 23-24, 2020.
- Participated as faculty in the DU Pre-Entrance Summer School 2016. INSTITUTE OF LIFELONG LEARNING University of Delhi.
- Participated in the 8th Workshop on Bioinformatics and Molecular Modeling in Drug Design organized by Dr. B. R. Ambedkar Center for Biomedical Research (ACBR), University of Delhi, Delhi-110007 during 15-17 March, 2018.
- Awarded best Oral Presentation in the subtheme: "Sustainable environment management on the principle of 4R's: Reduce, Reuse, Recycle & Recreate" in the National Seminar on A Paradigm Shift Towards Empowerment of women" held on 3-4 February, 2017.
- Resource Person and part of organizing committee of one day workshop on Forensic Examination of Documents, organized by Department of Biomedical Science, Acharya Narendra Dev College. 16th June, 2017
- Participated in one -day workshop on "Intellectual Property Rights for Researchers", held on December 14, 2015 at Cluster Innovation Centre, University of Delhi

Research Guidance (Supervision of Doctoral Thesis/Dissertations)

NA

Awards and Distinctions

NA

Memberships

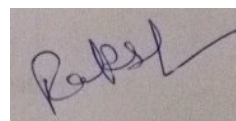
INDIAN SCIENCE CONGRESS

Other Academic Activities

**MEMBER OF SYLLABUS REVISION COMMITTEE OF B.Sc.HONS. BIOMEDICAL SCIENCE (LOCF)
BIOETHICS AND BIOSAFETY
BIOORGANIC CHEMISTRY**

Cultural/ Extracurricular Activities

PHOTOGRAPHY



Signature of Faculty Member