


Title	Dr	First Name	<b>KUSUM</b>	Last Name	<b>GUPTA</b>	Photograph
Designation		<b>ASSOCIATE PROFESSOR</b>				
Address		<b>C-612, KATYAYANI C.G.H.S PLOT-8, SECTOR-6 DWARKA NEW DELHI-110075</b>				
Phone No	Office	<b>011-24112557</b>				
	Residence	<b>011-25086588</b>				
	Mobile	<b>91-9891395557</b>				
Email	<b>Ksgupta0097@yahoo.co.uk</b>					
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph.D , MICROBIOLOGY		<b>DELHI UNIVERSITY</b>			<b>1998</b>	
M.Sc. , LIFE SCIENCES		<b>JAWAHAR LAL NEHRU UNIVERSITY</b>			<b>1992</b>	
B.Sc., Gp B		<b>DELHI UNIVERSITY</b>			<b>1990</b>	
<b>Career Profile</b>						
<b>CURRENT ASSOCIATE PROFESSOR</b>						
<b>READER</b>						
<b>SENIOR LECTURER</b>						
<b>JOINED RAM LAL ANAND COLLEGE AS A LECTURER IN THE DEPARTMENT OF MICROBIOLOGY IN THE YEAR 1995</b>						
<b>Administrative Assignments</b>						
<b>HAVE BEEN A PART OF VARIOUS STAFF COUNCIL COMMITTEES OF THE COLLEGE AND PERFORMRD THE DUTIES AS AND WHEN ASSIGNED</b>						
<b>SERVED AS A MEMBER OF GOVERNING BODY OF THE COLLEGE, ADMISSION COMMITTEE, TEACHER IN CHARGE OF THE DEPARTMENT OF MICROBIOLOGY ON MY TURNS</b>						
<b>MEMBER-COMMITTEE OF COURSES OF Dept. OF MICROBIOLOGY OF SYLLABI ; ANNUAL, SEMESTER SYSTEM 2010, FYUP 2013, CBCS 2015</b>						
<b>MEMBER OF FACULTY OF INTERDISCIPLINARY AND APPLIED SCIENCES, DELHI UNIVERSITY, FROM 30.3.2016 (contd.)</b>						
<b>Areas of Interest / Specialization</b>						
<b>BACTERIOLOGY, MICROBIAL GENETICS , IMMUNOLOGY</b>						

Subjects Taught
<b>BACTERIOLOGY, VIROLOGY, MICROBIAL GENETICS, CELL BIOLOGY, GENETICS AND GENOMICS, IMMUNOLOGY</b>
Research Guidance
GUIDED TEN STUDENTS FOR THE INNOVATION PROJECT RLA-305, 2015-2016 GUIDED TEN STUDENTS FOR THE INNOVATION PROJECT, RLA 203, 2013-2015
Publications Profile
NATIONAL  Nain.VK, Khurana. GS., Singh.S.,Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., <b>Gupta. K</b> , Jain. R. and Diwan. P (2015). Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi region. DU Journal of Undergraduate Research and Innovation, 1 (3), 219-227.  E chapters  GUPTA, KUSUM ,R. (2007) IMMUNE SYSTEM. E BOOK ON IMMUNOLOGY AND MEDICAL MICROBIOLOGY BY NISCAIR, NEW DELHI.
Conference Organization/ Presentations (in the last three years)
INTERNATIONAL <ul style="list-style-type: none"> <li>Makhija S, Sharma S, Nath S, Sharma S, Fatima M, Parashar C, Sharma V, Singh D, Sandeep Nain VK, Singh A, Choudhary V, John S, Diwan P, <b>Gupta K</b>. Antimicrobial effect of silver nanoparticles on Multi-drug resistant strains isolated from Delhi region. 57<sup>th</sup> Annual Conference and international symposium of Association of Microbiologists of India, Guwahati, 24-27 November 2016</li> <li>Nain.VK, Khurana. GS., Singh.S.,Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., <b>Gupta. K</b>, Jain. R. and Diwan. P.(2015). Antibiotic resistance pattern in bacterial strains obtained from different water samples from Delhi region. International Conference on “Antimicrobial resistance, Novel Drug Discovery and Development: Challenges and Opportunities” jointly organised by SRM University Haryana, and IAMPV held on March 2-3, 2015 at India Habitat Centre, Lodhi Road, New Delhi-110003</li> </ul> NATIONAL <ul style="list-style-type: none"> <li>Nain.V K, Khurana. G S., Singh.S., Vashitha. A., Kumari .S., Singh. A., Aggarwal. N., Arora. A., Khan. A., Thareja. G., <b>Gupta. K</b>, Jain. R. and Diwan. P. and Diwan. M. (2015).Multidrug resistance in bacterial isolates obtained from different water samples obtained from Delhi Region. symposium on "Antibiotic Resistance: A Major Global Threat" organized by Microbiology Department, Bhaskaracharya College of Applied Sciences: March 2016</li> </ul>

- Presented poster during the Annual event of University of Delhi “Antardhwani” entitled “Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi region” (February 20th -22nd, 2015).
- Work presentation entitled “Antibiotic resistance pattern in bacterial isolates obtained from different water samples of Delhi Region” at Maitreyi College, University of Delhi, Delhi (February 25th, 2015).

#### WORKSHOPS

- Participated in training programme in **Science Communications** organized by Centre for Science Education and Communication (CSEC) held on December 20-22, 2016.
- Two days Indo-Portuguese Workshop on “Emerging Trends of Nanotechnology in Chemistry and Biology” at University of Delhi, jointly organized by Hansraj College and Deshbandhu College, University of Delhi, Delhi. (March 12th – 13th, 2016).
- A Three days Workshop on “Bioinformatics Workshop for Life Sciences Facility” organized by Sri Venkateswara College, University of Delhi, Delhi. (July 27th – 30th, 2011).
- A Five days Workshop on “RNAomics Isolation to Interference” at Shivaji College, organized by Department of Biochemistry, University of Delhi, New Delhi. (October 25th – 29th, 2010).
- Developments of Bacterial Diversity and Systematics” sponsored by Ministry of Environment and Forests at Department of Microbiology, University of Delhi.

#### Research Projects (Major Grants/Research Collaboration)

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One major

University Innovative project entitled “To study the level of antibiotic resistance in bacterial strains obtained from waste water, treated water, ground water, surface water and drinking water” 2013-2015. GRANT RCIEVED 5 LACS

One minor

University innovative project entitled “To study the antimicrobial action of nanoparticles on bacterial strains and their possible use as antimicrobial agents” 2015-2016. GRANT RECEIVED 4 LACS

#### Awards and Distinctions

**TOPPED DELHI UNIVERSITY, SOUTH CAMPUS IN B.Sc. , 1990**

**AWARDED FELLOWSHIP FROM CSIR FOR DOCTORAL STUDIES (NET QUALIFIED)**

#### Association With Professional Bodies

**LIFE MEMBER OF ASSOCIATION OF MICROBIOLOGISTS OF INDIA**

**Other Activities**

**ATTENDED FOUR WEEK REFRESHER COURSE IN JUL-AUG, 2007 IN BIOTECHNOLOGY ORGANISED BY ACADEMIC STAFF COLLEGE , JAWAHAR LAL NEHRU UNIVERSITY, NEW DELHI.**

**ATTENDED FOUR WEEK REFRESHER COURSE IN APR-MAY 2002 IN BIOTECHNOLOGY ORGANISED BY ACADEMIC STAFF COLLEGE , JAWAHAR LAL NEHRU UNIVERSITY, NEW DELHI.**

**ATTENDED FOUR WEEK ORIENTATION COURSE IN NOV-DEC 2002 NATURAL SCIENCES ORGANISED BY ACADEMIC STAFF COLLEGE , JAWAHAR LAL NEHRU UNIVERSITY, NEW DELHI.**