




Faculty Details proforma for DU Web-site

Title	Professor	First Name	Shrikant	Last Name	Kukreti	Photograph
Designation	Professor					
Address	Department of Chemistry North Campus, University Of Delhi, Delhi 110007					
Phone No Office	+91-11-27666726					
Residence	C-11 (29-31) Probyn Road (Chatra Marg), University of Delhi Delhi-110007					
(Residence)	+91-11-27666729					
Mobile						
Fax	+91-11-27666 726					
Email	skukreti@chemistry.du.ac.in, kukretishrikant@yahoo.com shrikant.kukreti6@gmail.com					
Web-Page	http://people.du.ac.in/~skukreti/					
Educational Qualifications						
Degree	Institution				Year	
Ph.D.	University of Roorkee (IITR)				1989	
M.Sc.	Garhwal University (HNBGU)				1984	
B.Sc.	Garhwal University (HNBGU)				1981	
Career Profile						
Organisation / Institution		Designation		Duration		Role
University of Delhi		Professor		Oct.'09 - Present		Teaching and Research
University of Delhi		Associate Professor		Oct.'04 – Sep.'09		Teaching and Research
Princeton University, Princeton, USA		Visiting Fellow		June '04-Oct.'04		Research
University of Delhi		Reader		Sep.'01 – Sep.'04		Teaching and Research
Institute Gustave Roussy Villejuif, Paris, France		Visiting Fellow		Oct.'98 – Jan.'99		Research
University of Delhi		Lecturer		Feb.'98-Aug.'01		Teaching and Research
MNHN, Paris and Institute Gustave Roussy (CNRS), Villejuif, Paris, France		Post Doctoral Fellow		Sep.'94-Oct.'97		Research
Administrative Assignments						
Programme Coordinator, DU Pre-Entrance Summer School 2018, ILL, DU						

Programme Coordinator, DU Pre-Entrance Summer School 2017, ILL, DU
Programme Coordinator, DU Pre-NET Winter School 2016, ILL, DU
Programme Coordinator, DU Pre-Entrance Summer School 2016, ILL, DU
Programme Coordinator, Workshop on Theory & Practical, UG Course on Biochemistry & Environmental Chemistry, Department of Chemistry, DU, July 2012.
Coordinator, UGA-ASC CPDHE Refresher Course in Chemistry, December 2011.
Resident Tutor, Jubilee Hall, Univ. of Delhi, Delhi (From July 2006 – May 2008.)
Resident Tutor, V. K. R. V. Rao Hostel, Univ. of Delhi, Delhi, (From Oct. 2001-Sept.2004)

Areas of Interest / Specialization

Biophysical and Biochemical aspects of Nucleic Acids, Multistranded-DNA/RNA structures (Triplexes, Quadruplexes etc.), Bimolecular interactions: DNA-Protein, DNA-Drug interactions (using UV-Spectroscopy, UV-thermal denaturation, Circular Dichroism, Fluorescence, High resolution NMR, Gel-filtration chromatography & Gel-electrophoresis (EMSA))

Subjects Taught

M.Sc. (Chemistry) Teaching, Post graduate level Chemistry,
Core courses- (i) Chemistry of Life processes, (ii) Stereochemistry (iii). Reaction Mechanism,
Special papers: (i) Nucleic Acids and Carbohydrates, (ii) Proteins and lipids
M.Tech. (Chemical synthesis and Process Chemistry)- Chemistry of Life processes (Unit 204)
M.Tech. (Nano Sciences and Nanotechnology)-Biochemistry and Biophysics (Course IX NSNT – 204)
Pre-Ph.D. course work: Biopolymers, Proteins & Peptides

Research Guidance

List against each head (If applicable)

- A. Supervision of awarded Doctoral Thesis- **Nineteen**
- B. Supervision of Doctoral Thesis, under progress- **Seven**
- C. Supervision of awarded M.Phil. dissertations- **Six**

Publications Profile

Publications of S. Kukreti (2016 -2019)

1. Singh, A., Kukreti, R., Sasso, L., **Kukreti, S. (2019)**
Oxidative Stress: A Key Modulator in Neurodegenerative Diseases
Molecules **2019**, *24*, 1583, 1-20.
2. Komal, Sonia, **Kukreti, S.**, Kaushik, M. (2019)
Exploring the potential of environment friendly silver nanoparticles for DNA interaction: Physicochemical Approach
Journal of Photochemistry and Photobiology, B: Biology, **2019**, *Volume 194*, 158-165.

3. Kaushik, M.; Khurana, S.; Mehra, K.; Yadav, N.; Mishra, S. K.; **Kukreti, S. (2018)**
Emerging trends in Advanced Nanomaterials based electrochemical genosensors
Current Pharmaceutical Design **2018**, 24.
4. Roy, K.; Mahendru, S.; Kukreti, R.; **Kukreti, S. (2018)**
Unusual Stability Exhibited by (AT) X N 12 (AT) Y Motif Associated With High Fetal Hemoglobin Levels.
Journal of Biomolecular Structure & Dynamics, **2018**.
DOI: 10.1080/07391102.2018.1532320.
5. Kaushik, M.; Mahendru, S.; Chaudhary, S.; Kumar, M.; **Kukreti, S. (2018)**
Prerequisite of a Holistic Blend of Traditional and Modern Approaches of Cancer Management, Current Cancer Therapy Reviews **2018**. 14
DOI: 10.2174/1573394714666180417160750
6. Urvashi; Tandon, V.; Das, P.; **Kukreti, S. (2018)**
Synthesis of 3,6 Diaryl-1H-Pyrazolo[3,4-b]Pyridines via One-pot Sequential Suzuki-Miyaura Coupling.
RSC Adv., **2018**, 8, 34883.
7. Singh, A.; **Kukreti, S. (2018)**
Homoduplex to i-motif structural switch exhibited by a Cytosine rich strand of MYH 7 heavy chain β gene promoter at physiological pH.
RSC Advances **2018**, 8, 60, 34202-34214.
8. Singh, A. and **Kukreti, S. (2018)**
A Triple Stranded G-Quadruplex Formation In The Promoter Region of Human Myosin β (MYH7) Gene.
Journal of Biomolecular Structure & Dynamics **2018**, 36, 11, 2773-2786.
9. Kaushik, M., Mahendru, S., Kumar, M., Chaudhary, S., Ahmed, S., Sonia, **Kukreti, S. (2018)**
Overview of Chemoresistance in Cancerous Cells.
Frontiers in Drug Design & Discovery **2018**, Vol. 9.
10. Kumar, M.; Kaushik, M.; **Kukreti, S. (2018)**
A topological transition from bimolecular quadruplex to G-triplex/tri-G-quadruplex exhibited by truncated double repeats of human telomere.
European Biophysics Journal **2018**,
11. Talwar, P., Gupta, R., Kushwaha, S., Agarwal, R., Saso, L., **Kukreti, S., Kukreti, R. (2018)**
Viral induced oxidative and inflammatory response in Alzheimer's disease pathogenesis with identification of potential drug candidates: A systematic review using systems biology approach.

- 12. Sonia, Komal, Kukreti S., Kaushik, M. (2018)**
Exploring the DNA damaging potential of chitosan and citrate-reduced gold nanoparticles: Physicochemical approach.
Int J Biol Macromol. **2018** pii: S0141-8130(18)31220-0.
- 13. Chaudhary, S., Kaushik, M., Ahmed, S., Kukreti, R. and Kukreti, S. (2018)**
Structural Switch from Hairpin to Duplex/Antiparallel G-Quadruplex at Single-Nucleotide Polymorphism (SNP) Site of Human Apolipoprotein E (APOE) Gene Coding Region
ACSOmega **2018**, 3, 3173–3182.
- 14. Ahmed, S., Kaushik, M., Chaudhary, S., Kukreti, S. (2018)**
Formation of G-wires, bimolecular and 2 tetramolecular quadruplex: Cation-induced structural 3 polymorphs of G-rich DNA sequence of human SYTX gene
Biopolymers. **2018**, 613e23115.
- 15. Ahmed, S., Kaushik, M., Chaudhary, S., Kukreti, S. (2018)**
Structural polymorphism of a cytosine-rich DNA sequence forming i-motif structure: Exploring pH based biosensors
Int J Biol Macromol. **2018** Jan 10; 111: 455-461. .
- 16. Guin, D., Mishra, M. K., Talwar, P., Rawat, C., Kushwaha, S., Kukreti, S., Kukreti, R. (2017)**
A systematic review and integrative approach to decode the common molecular link between levodopa response and Parkinson's disease
BMC Medical Genomics **2017** 10(1):56.
- 17. Kaushik, M., Sonia, Mahendru, S., Tyagi, P. and Kukreti, S. (2017)**
Multiple dimensions of functional relevance of genosensors
Integrated Ferroelectrics **2017**, 184, 1-10.
- 18. Chaudhary, S., Kaushik, M., Kukreti, R., Kukreti, S. (2017)**
Structural switch from a multistranded G-quadruplex to single strands as a consequence of point mutation in the promoter of the human GRIN1 gene.
Molecular Biosystems **2017**, 13, 1805-1816 [DOI: 10.1039/c7mb00360a]
- 19. Thakral, P., Kukreti, S., Bakhshi, A. K. (2017)**
In silico metaheuristic tailoring of quaternary copolymers
Emerging Materials Research **2017**, 6, 2, 1-9, [DOI.org/10.1680/jemmr.15.00054]
- 20. Saxena, S., Joshi, S., Shankaraswamy, J., Tyagi, S., Kukreti, S. (2017)**
Magnesium and molecular crowding of the cosolutes stabilize the i-motif structure at

physiological pH
Biopolymers **2017**, 107, 7, e23018.

- 21.** Grewal, G. K., Kukal, S., Kanojia, N., Saso, L., **Kukreti, S.**, R. Kukreti. (2017)
Effect of Oxidative Stress on ABC Transporters: Contribution to Epilepsy Pharmacoresistance.
Molecules **2017**, 22(3)
- 22.** Talwar, P., Kanoji, N., Mahendru, S., Baghel, R., Grover, S., Arora, G., Grewal, G. K., Parween, S., Srivastava, A., Singh, M., Vig, S., Kushwaha, S., Sharma, S., Bala, K., **Kukreti, S.** and Kukreti, R. (2017)
Genetic contribution of CYP1A1 variant on treatment outcome in epilepsy patients: a functional and interethnic perspective.
The Pharmacogenomics Journal **2017**, 17, 242-251.
- 23.** Mahendru, S., Roy, K., **Kukreti, S.** (2017)
Peptide Biomarkers: Exploring the Diagnostic Aspect
Current Protein & Peptide Science **2017**, 18, 914-919.
- 24.** Tomar, V., Chandra, R., Prakash, S., Madan, J., **Kukreti, S.** (2017)
New Cancer Therapeutics: Noscapine and Analogs.
Current topics in medicinal chemistry **2017**, 17, 174-188.
- 25.** Pasricha, S., Sharma, D., Ojha, H., Gahlot, P., Pathak, M., Basu, M., Chawla, R., Singhal, S., Singh, S., Goel, R., **Kukreti, S.**, Shukla, S. (2017)
Luminescence, circular dichroism and in silico studies of binding interaction of synthesized naphthylchalcone derivatives with bovine serum albumin.
Luminescence **2017**, Volume 32, Issue 7,
- 26.** Kaushik, M., Singh, A., Kumar, M., Chaudhary, S., Ahmed, S., **Kukreti, S.** (2017)
Structure-Specific Ligand Recognition of Multistranded DNA Structures.
Current topics in medicinal chemistry **2017**, 17, 138-147.
- 27.** Kaushik, M., Chaudhary, S., Mahendru, S., Ahmed, S., Pathak, A. K., **Kukreti, S.** (2017)
MicroRNA: A Multi-Facet Biological Target for Cancer and other Diseases.
Clinical Cancer Drugs **2017**, 4(1), 2-9.
- 28.** Prakash, S., Hazari, P. P., Meena, V. K., Jaswal, A., Khurana, H., **Kukreti, S.**, Mishra, A. K. (2016)
Biotinidase Resistant ⁶⁸Gallium-Radioligand Based on Biotin/Avidin Interaction for Pretargeting: Synthesis and Preclinical Evaluation.
Bioconjug Chem. **2016**, Nov 16; 27(11):2780-2790. Epub 2016 Oct 21.
- 29.** Kaushik, M., Chaudhary, S., Mahendru, S., Kumar, M., **Kukreti, S.** (2016)

- Genetic variations: Heroes or villains.
Journal of Down Syndrome & Chromosome Abnormalities **2016**, 2:2.
- 30.** Kumar, M., Kaushik, M., Chaudhary, S., **Kukreti, S. (2016)**
Spectroscopic Studies of the Binding Interactions of Phenothiazinium Dyes (Thionine Acetate, Azure A and Azure B) with Calf-thymus DNA.
Journal of Drug Metabolism & Toxicology **2016**, 7:3.
- 31.** Kumar, M., Kaushik, M., **Kukreti, S. (2016)**
Interaction of an electrochemical redox indicator new methylene blue with DNA using biophysical techniques
DOI: 10.5185/amp.2016/108
- 32.** Kaushik, M., Mahendru, S., Chaudhary, S., **Kukreti, S. (2016)**
DNA Fingerprints: Advances in their Forensic Analysis Using Nanotechnology.
Journal of Forensic Biomechanics **2016**, 8:1.
- 33.** Kaushik, M., Kumar, M., Chaudhary, S., Mahendru, S., **Kukreti, S. (2016)**
Advancements in Characterization Techniques of Biomolecules: Cyclic Voltammetry, Gel Electrophoresis, Circular Dichroism, and Fluorescence Spectroscopy.
Advanced Techniques in Biology and Medicine **2016**, 4:3.
- 34.** Kaushik, M., Mahendru, S., Kumar, M., Chaudhary, S., **Kukreti, S. (2016)**
Genomic Databases and Softwares: In pursuit of Biological relevance through Bioinformatics.
Advanced Techniques in Biology and Medicine **2016**, 4:3.
- 35.** Kaushik, M., Sinha, P., Jaiswal, P., Mahendru, S., Roy, K., **Kukreti, S. (2016)**
Protein engineering and de novo designing of a biocatalyst.
Journal of Molecular Recognition **2016**, 10, 499-503.
- 36.** Kaushik, M., Kaushik, S., **Kukreti, S. (2016)**
Exploring the characterization tools of Guanine-Quadruplexes.
Frontiers in bioscience (Landmark edition) **2016**, 21, 468-478.
- 37.** Kaushik, M., Kaushik, S., Roy, K., Singh, A., Mahendru, S., Kumar, M., Chaudhary, S., Ahmed, S., **Kukreti, S. (2016)**
A bouquet of DNA structures: Emerging diversity.
Biochemistry and Biophysics Reports **2016**, 5, 388-395.
- 38.** Pathak, M., Mishra, R., Agarwala, P. K., Ojha, H., Singh, B., Singh, A., **Kukreti, S. (2016)**
Binding of ethyl pyruvate to bovine serum albumin: Calorimetric, spectroscopic and molecular docking studies

Thermochimica Acta **2016**, 633, 140-148.

39. Kaushik, S., Kukreti, S. (2016)

General techniques for biomolecular characterization.

Imperial Journal of Interdisciplinary Research **2016**, 2(6), 998-1002.

40. Hazari, P. P., Prakash, S., Meena, V.K., Singh, N., Chuttani, K., Chadha, N., Singh, P., Kukreti, S., Mishra, A. K. (2016)

Synthesis, preclinical evaluation and molecular modelling of macrocyclic appended 1-(2-methoxyphenyl) piperazine for 5-HT 1A neuroreceptor imaging.

RSC Advances **2016**, 6(9), 7288-7301.

Book Chapter

1. Kaushik, M., Chaudhary, S., Khurana, S., Mehra, K., Kukreti, S. (2019)

Decoding DNA Structure using NMR Spectroscopy

DOI:10.2174/9781681086415118070007

In the Book: Application of NMR Spectroscopy: Volume 7

Conference Organization/ Presentations (in the last three years)

Poster Presentations

1. Polymorphic Behaviour of A DNA Sequence Present At The Intersection Of Human Comt And Mir4761 Gene
Srishty Gulati, Nishu, Md Shoaib, **Shrikant Kukreti**
6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi, Delhi, 7th Jan-9th Jan, **2019**. (Best Poster Award)
2. Structural Polymorphism exhibited by G-rich sequences in Human WT1 gene
Md Shoaib, Nishu, Srishty Gulati, **Shrikant Kukreti**
6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi in January, **2019**.
3. Eukaryotic Telomeric Sequence Under Methylation
Nishu, Srishty Gulati, Md. Shoaib, **Shrikant Kukreti**
6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi, Delhi, 7th Jan-9th Jan, **2019**.
4. Environment-friendly silver nanoparticles: Investigating the interaction with Calf- Thymus DNA and catalytic reduction of dyes
Komal, Sonia, **Shrikant Kukreti**, Mahima Kaushik
6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi, Delhi, 7th Jan-9th Jan, **2019**.
5. Fluorescent sensor based on protein directed gold nanoclusters for the detection of silver

ions and anticancer drugs

Sonia, Komal, **Shrikant Kukreti**, Mahima Kaushik

6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi, Delhi, 7th Jan-9th Jan, **2019**.

6. A Physicochemical approach to study and compare the genotoxic potential of chitosan and citrate reduced gold nanoparticles towards calf thymus DNA
Sonia^a, Komal^a, **Shrikant Kukreti**^a, Mahima Kaushik^{a,b*}; International Conference on Emerging Trends in Drugs Development and Natural-Products” (January 12-14, **2018**)
7. A Physicochemical approach to study the genotoxic potential of chitosan and citrate reduced gold nanoparticles towards calf thymus DNA: A physicochemical approach
Sonia^a, Komal^a, **Shrikant Kukreti**^a, Mahima Kaushik^{a,b*}
One-day Indo-Hungarian symposium on “Recent advances in chemistry and biology” (INHCAB-**2017**) (11 December, 2017)
8. An environmentally benign approach to synthesize Silver nanoparticles using *Epipremnum aureum* leaf extract and its interaction studies with Calf Thymus DNA
Komal^a, Sonia^a, **Shrikant Kukreti**^a, Mahima Kaushik^{a,b*}; One-day Indo-Hungarian symposium on “Recent advances in chemistry and biology” (INHCAB-**2017**) (11 December, 2017)
9. In Search of G-Quadruplex Ligand
Anju Singh, Arkaja Goswami, Savita Joshi, **Shrikant Kukreti**
Conference Proceeding in National Conference NCC2016 “Environment & Harmonious Development at Shyam Lal College, University of Delhi, India, 7th-8th April, **2016**.
10. Interaction of an electrochemical redox indicator New Methylene Blue with DNA using biophysical techniques
Mohan Kumar, Mahima Kaushik, **Shrikant Kukreti**
International Conference on Materials Science & Technology (ICMTech -**2016**) at Department of Chemistry, University of Delhi, India, 1st - 4th March, 2016
11. To explore the structural difference between the $\epsilon 3$ and $\epsilon 4$ allele SNP of the human apolipoprotein (APOE) gene
Swati Chaudhary, Saami Ahmed, **Shrikant Kukreti**
22nd ISCBC International Conference, Recent Trends in Affordable and Sustainable drug discovery and developments at Uka Tarsadia University, Surat, India, 6th – 8th Feb, **2016**
12. Structural polymorphism exhibited by a quasipalindrome present in Human SCAI gene
Saami Ahmed, Swati Chaudhary, **Shrikant Kukreti**
22nd ISCBC International Conference, Recent Trends in Affordable and Sustainable drug discovery and developments at Uka Tarsadia University, Surat, India, 6th – 8th Feb, **2016**

Oral Presentations

1. Recognition Of G-Quadruplexes Formed At Promoter Location Of Human Myosin Heavy Chain B Gene (Myh7 β) By Natural Alkaloids
Anju Singh and **Shrikant Kukreti**

6th World Congress on Nanomedical Sciences organized by Jamia Hamdard & University of Delhi, Delhi, 7th Jan-9th Jan, **2019**.

2. Recognition and destabilization of Parallel G- quadruplex present in Promoter location of Human MYH7gene
Anju Singh and **Shrikant Kukreti**,
Emerging Trends in Drugs Development and Natural-Products (ETDDNP-2018) organized by the Department of Chemistry, University of Delhi, Delhi, India, Jan 12th -14th, **2018**.
3. Nucleic Acids : Isolation, Purification & Characterization
Faculty Development Program, Daulat Ram College, University of Delhi, Delhi, India 15th – 22nd June **2017**
4. Anti-gene approach: Targeting Genomic Sites
International Conference on Structure and Dynamics of Biomolecules, DDU Gorakhpur University, January 27th -28th, **2017**.
5. Unveiling the Environmental aspect of Biomolecules
National Conference on Sustainable Chemical & Material Sciences organized by Department of Chemistry, S. S. Jain Subodh P.G. College, Jaipur, India 5th – 6th August **2016**.
6. Chemistry of Biomolecules: Unveiling the Environmental Aspects
National Conference in Chemistry, Environment & Harmonius Development organized by Shyam Lal College, University of Delhi, Delhi, 7th – 8th April **2016**

Research Projects (Major Grants/Research Collaboration)

Research and Development Grant from University of Delhi (2010-2016)

Principal Investigator, DU/DST Purse Grant, “DNA-Protein Interactions: Exploring the Sequence and Structure Specificity”, (2009-2011)

Principal Investigator, DST project, “Physicochemical and biochemical investigation of Highly Stable Pyrimidine and Purine Motif DNA triple helical structure”, (2004-2007)

Principal Investigator, DBT project, Biophysical and Biochemical Investigations of the Polymorphic DNA Sequences Present in the Regulatory Regions of the β -Globin Gene Cluster”, (2004-2007)

Principal Investigator, UGC project, Multi-stranded DNA Recognition: Use of Synthetic ligands (2002-2005)

Awards and Distinctions

Visiting Fellowship, Institute Gustave Roussy, Villejuif, France. [Oct, 1998 to Jan. 1999]

Postdoctoral fellowship awarded by **Foundation Pour La Recherche Medicale**, and CNRS, Paris. [Jan 96 - Oct.97].

Marie Curie fellowship awarded by **Commission of European Community (CEC)**. **DST**, Govt. of India [Sept.94 - Oct95].

Teaching & Research Associateship at **Center for Biotechnology**, Jawahar Lal Nehru University, New Delhi. [Aug.91 - Jul.94].

Research Associateship (DST Project) at **Center for Biotechnology**, Jawahar Lal Nehru University, New Delhi [Jan.90-Jul.91].

Senior Research Fellowship from DST, Govt. of India [1989] **Ph. D. Period.**

Junior Research Fellowship DST, Govt. of India. [1985-1988] **Ph.D. period**

Association With Professional Bodies

1. Committees and Boards:

- (a) Chairman, Central Pool Grivence Committee, University Of Delhi. (2015-Till Date)
- (b) Member, Governing body, Keshav Mahavidyalaya (KMV) DU (2016-).
- (c) Member, Panel of Experts, Indo-US Joint Proposals Review Meet (2012-15) IUSSTF Delhi
- (d) Member, Governing body, Hansraj College, DU. (2013-15)
- (e) Member, Governing body, Shyamlal College, DU. (2013-15)
- (f) UGC-SAP member, Chemistry Dept., Aligarh Muslim University, Aligarh, Uttar Pradesh.
- (g) Board of Studies, LMS Govt. College, Rishikesh, Uttrakhand
- (h) Member, Committee of Courses for PG including honors courses Delhi University(h)
- (i) Member, DST delegation to Ljubljana, Slovenia for participation in Indo-Slovenian JWG meeting, DST, Govt. of India (Nov'10)
- (j) Member, DST delegation to Athens, Greece, for participation in Indo-Greece JCST meeting (Nov'10)
- (k) Member of delegation to Stockholm, Sweden for participation in JSTC meeting to Department of Science and Technology (Sep'10)
- (l) Member, Panel Members for joint projects (2010) Indo-Australian Strategic Research Fund
- (m) Member Expert Committee, DST, Govt. of India, for evaluation of Indo-South Africa joint projects (2010).
- (n) Member, Composite Expert Committee at DST, Govt. of India, for International Cooperation Programmes (2010) "Indo-Austria/ Norway/ South Africa/ Israel/ Japan" research proposals.

2. Memberships

- Life Member, Indian Biophysical Society (IBS)
- Life Member, National Magnetic Resonance Society (NMRS)
- Life Member, Indian Science Congress (ICS)
- Life Member, DNA society of India (DSI)

Prof. Shrikant Kukreti

Signature of Faculty Member