

Curriculum-Vitae

Dr Mukesh Mishra, Associate Professor (Physics)
M.Sc., D.Phil. (University of Allahabad)
Research Field: Soft Condensed Matter (LIQUID CRYSTALS)



Present Position

Associate Professor (Physics)
Faculty of Physical Science
Shri Ramswaroop Memorial University
Lucknow-Deva Road-Barabanki, UP-255003

Address:

8/D2-1003, Gomti Enclave, Awadh Vihar Yojna
Lucknow UP India.226002

Date of Birth: 05/12/1986

Father's Name: Sri Umesh Pal Mishra

Phone: 9415928927, 9918928927

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ORCID ID: <https://orcid.org/0000-0002-2429-0570>

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Skype ID: cid.71b9b6ffe6b2a64

H Index: 9, **Citations:** 355

G Scholar: <https://scholar.google.com/citations?user=4cuXMicAAAAJ&hl=en>

Personal Profile:

A confident, enthusiastic and hard working physics faculty who is able to teach students across the graduate and post graduate level, whilst at the same time encourages them to develop their skills, knowledge and confidence. Possessing extensive knowledge of contemporary teaching

methods and having immense subject knowledge, enthusiasm and charisma, as well as a genuine interest in educating others.

Education Summary:

1. D.Phil from University of Allahabad, Praygraj, India (April 2013-January, 2017).
2. M.Sc. from University of Lucknow, Lucknow, India (2006-2008) with 59.08%.
3. B.Sc. (Maths with Physics) from University of Lucknow, Lucknow, India (2002-2005) with 63.44%.
4. Intermediate (12th) from UP Board Allahabad (2000-2002) with 71.80%.
5. High school (10th) from UP Board Allahabad (2000) with 60.4%.

Others Degree/Diploma:

1. B.Ed. from University of Kurukshetra, Haryana, India (2009-2010) with 56.0%.

Awards:

1. Best Paper Award by SRMU in 2015-16.
2. Best Researcher Award by SRMU in 2016-17.
3. Best Paper Award by SRMU in 2017-18.
4. Awarded best poster presentation in International Conference on Advanced Materials and Application, Allahabad University, Allahabad. March 24-26, 2014.

Subjects Taught:

1. Engg. Physics
2. Electromagnetic Theory
3. Mechanics and Waves
4. Modern Physics
5. Electricity and Magnetism
6. Solid State Physics
7. Waves and Oscillations
8. Laser

Topic of Research:

“Characterization of liquid crystal nanocomposites for display and photo-voltaic applications”

Research Supervisor:

Prof. Ravindra Dhar, Coordinator, Centre of Material Sciences, University of Allahabad,
Allahabad-211002.

Thesis Examiner:

1. Prof. Wiktor Piecek
Head of the Laboratory of Crystals Physics and Technology
Military University of Technology
Department of New Technologies and Chemistry
Institute of Applied Physics
ul. Kaliskiego 2
00-908 Warszawa, Poland
Tel. +48226839731
Email: wpiecek@wat.edu.pl
2. Prof. P. K. Mandal
Department of Physics
University of North Bengal,
Siliguri-734013 (W. B.), India.
Email: mandal_pradip@yahoo.c

Present/Administrative Responsibilities:

<i>Sr. No.</i>	<i>Name of Institution</i>	<i>Designation</i>	<i>Period</i>		<i>Name of Assignment</i>
			<i>From</i>	<i>To</i>	
<i>1.</i>	SRMU	IT Conduction Coordinator	September 2019	Till Date	Internal test Conduction Coordinator
<i>2.</i>	SRMU	Member	September 2019	Till Date	NAAC Criteria III_(University level)
<i>3.</i>	SRMU	Coordinator	September 2019	Till Date	NAAC Criteria III_(Physics Department)
<i>4.</i>	SRMU	Faculty Coordinator_B.Tech First Year	June 2022	Till Date	To observe B.Tech classes
<i>5.</i>	SRMU	Time Table Co-coordinator	July 2016	Till Date	Central Time Table Committee_B.Tech Ist Year
<i>6.</i>	SRMU	Research Coordinator	July 2020	Till Date	Ph.D. Programme_Department of Physics

7.	SRMU	Member	September 2017	Till Date	Student Advisory (SRAC)	Research Committee
8.	SRMU	Member	June 2018	Till Date	Faculty Development Index (FDI)	
9.	SRMU	Member	July 2018	Till Date	University Board, AQAC and FGWIC	Research
10.	SRMU	Member	September 2018	June 2020	Steering Committee of IQAC	
11.	SRMU	Co-coordinator	July 2016	Till Date	ERP	
12.	SRMU	Co-coordinator	July 2016	Till Date	Time Committee_Physics Department	Table
13.	SRMU	Co-coordinator	July 2016	Till Date	course Coordinator	
14.	SRMU	University Exam Nodal Incharge	December 2022	Till Date	University Exam Centre Incharge	Nodal

Work Experience:

Sr. No.	Name of Organization	Designation	Period		Scale of Pay	Duration & Nature
			From	To		
1	Shri Ramswaroop Memorial University, Lucknow-Deva Road UP. India	Associate Professor	13 th Dec 2020	Till date	15600-39100/-	Working
2	Shri Ramswaroop Memorial University, Lucknow-Deva Road UP. India	Assistant Professor	25 th July 2016	12 th Dec 2020	15600-39100/-	4 Year 6 Months (Teaching & Research)
3	Institute of Technology and Management, Gida Gorakhpur, India.	Asst. Professor	16 th July 2010	15 th April 2013	15600-39100/-	2 Years 8 Month 30 days (Teaching)

4	University of Allahabad, Allahabad, UP, India	Project Fellow-UGC major research Project	16 th April 2013	8 th April 2014	14800/-	One Year (Research)
5	Madan Mohan Malviya Technical University, Gorakhpur, UP, India.	Project Fellow-UGC sponsored project	5 th July 2009	14 th Aug 2010	14800/-	One Year One month (Research)

Book Chapter Publications

1. Liquid crystal nanoparticle composites-Display Applications. Mukesh Mishra

Book Name: Futuristic Trends in Chemical Material Sciences & Nano Technology Volume 3

Book 20 **Published in:** IIP Series, **Volume:** 3, **Month:** May, **Year:** 2024, **PageNo.**135-152 **e-**

ISBN: 978-93-5747-901-1

DOI/Link: <https://www.doi.org/10.58532/V3BECS20P1CH11>

Link of Chapter: <https://www.iipseries.org/viewpaper.php?pid=4002&pt=liquid-crystal-nano-particle-composites-display-applications>

2. *Accepted_13 MAY 2024* Why smaller size and amount of gold nanoparticles is more favourable to augment the electrical properties of discotic liquid crystals – treatise" with ID "iip20235FB05D144695D07 " under IIP Book series.

Research Publications: International/Peer Reviewed Journals

SI.No	Title with page Nos.	Journal Name	ISSN	Imp act factor	Authors	UGC Journal No.
20	Fredericks Transition, Dielectric Permittivity, and Bnad gap in Pure and Nanodoped Nematic Liquid Crysta	National Academy Science Letters	Communicated			
19	Incorporation of Magnesium Oxide Nanoparticles in to Nematic liquid crystalline matrix 2021, 708, 26-38.	Mol. Cryst. Liq. Cryst.	1563-5287	0.94	Mukesh Mishra , Rahul Uttam, Ravindra Dhar, and Roman S Dabrowski	21548

18	Composite of discotic liquid crystal and gold nanoparticles: A comparative band gap study. 2018, 91(7), 752-758.	Phase Transition	0141-1594	1.42	Mukesh Mishra	30622
17	Dependence of physical parameters on the size of silver nano particles forming composites with a nematic liquid crystalline material. 2018,268,403-409.	J. Mol. Liquids	01677322	6.16 5	Pratibha Tripathi, <u>Mukesh Mishra</u> , Sandeep Kumar, Roman Dabrowski, Ravindra Dhar	21734
16	Enhancement of electrical conductivity, director relaxation frequency and slope of electro-optical characteristics in the composites of single-walled carbon nanotubes and a strongly polar nematic liquid crystal 2017, 44, 544.	Liquid Crystal	02678292	3.51	Rohit Verma, <u>Mukesh Mishra</u> , Roman Dabrowski, Ravindra Dhar	24833
15	Effect of High concentration of colloidal gold nanoparticles on the thermodynamic, optical and electrical properties of 2, 3, 6, 7, 10, 11-hexabutyloxytryphenyl ene discotic liquid crystalline material. 2017, 15, 34	Soft Materials	1539-445X	2.18	<u>Mukesh Mishra</u> , Sandeep Kumar, Ravindra Dhar	34271
14	Thermodynamic study of a plastic columnar discotic material 2, 3, 6, 7, 10, 11-hexabutyloxytriphenyl ene (HAT4) dispersed with gold nanoparticles under elevated pressure 2017, 129, 315-322.	J. Thermal Anal and Calorimeter	1388-6150	2.73	Pratibha Tripathi, <u>Mukesh Mishra</u> , Sandeep Kumar, Ravindra Dhar	23577
13	Single Walled Carbon Nanotubes Persuaded	Springer Proc. in Phys. 178	0930-8989	0.25	Rohit Verma, <u>Mukesh Mishra</u> , Roman	

	Optimization of the Thermodynamic, Electrical and Electro-optical Characteristics of a Room Temperature Liquid Crystal Display Material “4-Pentyl-4’cyanobiphenyl 2017, 178, 185-189.				Dabrowski, Ravindra Dhar	
12	Thermodynamical, optical, electrical and electro-optical studies of 4-pentyl-4'-cyanobiphenyl liquid crystal dispersed with barium titanate nano particles 2016, 213, 247.	J. Mol. Liquids	01677322	6.16 5	<u>Mukesh Mishra,</u> Roman Dabrowski, Ravindra Dhar	21734
11	Gold nanoparticles in plastic columnar discotic liquid crystalline material 2016, 631, 59	Thermochemica Acta	0040-6031	3.11	<u>Mukesh Mishra,</u> Sandeep Kumar, Ravindra Dhar	36256
10	Single walled carbon nanotubes persuaded optimization of the display parameters of a room temperature liquid crystal 4-pentyl-4’cyanobiphenyl. 2016, 221, 190	J. Mol. Liquids	01677322	6.16 5	Rohit Verma, <u>Mukesh Mishra,</u> Roman Dabrowski, Ravindra Dhar	21734
9	Electrical and electro-optical parameters of 4'-octyl-4-cyanobiphenyl nematic liquid crystal dispersed with gold and silver nanoparticles 2015, 42, 1580.	Liquid Crystal	02678292	3.51	<u>Mukesh Mishra,</u> Roman Dabrowski, J. K. Vij, Avneesh Mishra, Ravindra Dhar	24833
8	Effect of the dispersed colloidal gold nano particles on the electrical properties of a columnar discotic liquid crystal. 2014, 4, 62404.	RSC Advances	20462069	3.36	<u>Mukesh Mishra,</u> Sandeep Kumar, Ravindra Dhar	33062
7	Synthesis and	Invertis journal of	2231-3419	4.16	D.K.Dwivedi, <u>Mukesh</u>	58951

	characterization of CdTe/HgTe/CdTe nano-particles 2012, 2(2), 1-4.	renewable energy		5	Mishra, H P Ptahak, N K Shukla	
6	Structural and electrical studies of zn te thin film on glass substrate vacuum evaporation technique 2011, 30, 2, 237	Bulletin of pure and applied physics	0970-6569	0.52	D K Dwivedi, Mukesh Mishra	350621
5	Thin film solar cell: Present status and future prospects : An overview	Proc. Of International Conference on Technologica Innovation Through Modern Engineering Sciences			D.K.Dwivedi, Mukesh Mishra	
4	Optical properties of chalcogenide glasses March 23-24 2012,110-111.	Proc. of National seminar on active and smart materials, MMMEC Gorakhpur, UP			D.K.Dwivedi, Mukesh Mishra,	
3	Theoretical investigation of the piezoelectric materials March 23-24 2012,87-89.	Proc. of National seminar on active and smart materials, MMMEC Gorakhpur, UP	-	-	D.K. Dwivedi, Mukesh Mishra, Manish Mishra,H.P.Pathak	-
2	Implementation of using devices using Smart Materials March 23-24 2012, 82-83.	Proc. of National seminar on active and smart materials, MMMEC Gorakhpur, UP	-	-	Mukesh Mishra	
1	Synthesis and characterization of nano-crystlline ZnO thin films Dec 21-23, 2011, 15-20.	Proc. of 4 th national conference on nanomaterials and nanotechnology, University of Lucknow, Lucknow	0974-8121	-	D.K.Dwivedi, V.Kumar,M. Dubey, M.Mishra	-

Details of FDPs/refresher course/Orientation Course/ Workshops:

Sr. No	Programme Name	Organized body/University	Duration
19	FDP on Excellence in university teaching and research	SRMU Barabanki	July 15-20, 2024
18	Workshop on Latest trends in research & innovation in higher education	SRMU Barabanki	Jan 8-12, 2024
17	Workshop on Applications of Intellectual Property Rights in Science & Technology	IPR cell SRMU Barabanki	Feb 20-24, 2023
16	FDP on Applications of Remote sensing & GIS	SRMU Barabanki	July 25- July 29, 2022
15	FDP on Pedogogical Skills	SRMU Barabanki	June 27 - July 2, 2022
14	FDP on Basics of Scilab.	SRMU Barabanki	June 20 – June 25, 2022
13	Refresher course on National Educational Policy 2020	SRMU Barabanki	Feb, 25- March, 4, 2021
12	LMS Online teaching learning and online assessment demo	Inpods	June 30, 2020.
11	CO-PO attainment computation and outcomes analysis	Inpods	June 19, 2020.
10	International workshop on “How to write research paper”	Research Foundation of India, India	June 18, 2020
12	NAAC Accreditation Management system demo	Inpods	June 16, 2020
9	FDP on "ICT Enabled Tools for Effective Teaching - Learning - Examination Processes in Higher Education"	Internal Quality Assurance Cell, Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki	June 16-20, 2020.
8	International workshop on “UGC NAAC revised accreditation process”	Research Foundation of India	June 5, 2020.
7	6 th Faculty Development Programme on Challenges of assuring quality in higher education and research	Internal Quality Assurance Cell, Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki.	July 20-23, 2019
6	One day IP awareness programme on national PR policy 2016	Intellectual Property Office, India and The Associated Chambers of Commerce and Industry of India, New Delhi at Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki.	August 8, 2018.

5	5 th Faculty Development Programme on Challenges of assuring quality in higher education and research	Internal Quality Assurance Cell, Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki.	July 2-7, 2018.
4	4 th Faculty Development Programme on New modes of learning and teaching in higher education	Internal Quality Assurance Cell, Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki.	July 10-15, 2017.
3	Nanotechnology and its Applications	Madan Mohan Malviya Engg College, Gorakhpur, UP India.	January 18, 20, 2012
2	Research methods and design	Gyan Institute of Management and Technology, Lucknow	April, 24-25, 2008.
1	Research methods and design	Gyan Institute of Management and Technology, Lucknow	April, 24-25, 2008.

Invited Talk:

Sr.No	Topic Name	Organized body/University	Duration
1	Incorporation of magnesium oxide nanoparticles in nematic liquid crystal for photovoltaic applications.	NCIRST-20 Organized by AIDC, Lucknow.	May 31, 2020
2	Attitudes of students towards science learning	A talk in FDP organized by SRMU Barabanki.	July 12, 2022

Conferences/ Webinar Organize:

Sr. No.	Programme Name	Organized by	Speakers	Position held	Duration
5	International conferences on advancement in natural sciences : Vedic to modern era	SRMU, Barabanki	NA	C0-CONVENOR	February 22-24, 2024
4	Webinar on Advanced particle accelerators	SRMU, Barabanki	Dr. Ram Gopal Singh Dean SRMU	Convener	July 02, 2021
3	National Webinar on Optoelectronic Materials	SRMU, Barabanki	Prof. (Dr.) D K Dwivedi MMTU Gorakhpur	Convener	June 15, 2020

2	National Webinar on Soft Materials	SRMU, Barabanki	Prof. (Dr.) Ravindra Dhar University of Allahabad	Convener	June 12, 2020
1	Solaris -20	SRMU, Brabanki	NA	Member, Organizing Committee	Febraury 7-9, 2020

Participated in Webinar:

Sr. No.	Programme Name	Organized body/University	Duration
18	Solar Energies opportunities and challenges	BBD Lucknow	July 2, 2020
17	Our Universe and its origin	Maharshi School of Sciences, Lucknow	June 29, 2020
16	Cooperation in theory and practices	BN College Lucknow	June, 20, 2020
15	International webinar series on astronomy and astronomy physics	Karunya deemed University	June, 19, 2020
14	Future of Education post Covid	MCGRAWHILL	June, 18, 2020
13	Human Diseases: A Mathematical Approach	SRMU, Brabanki	June, 14, 2020
12	Handling Chemistry: Online Vs Offline	BBD Lucnow	June, 13, 2020
11	Black Holes A Mysterious Object	SRMU, Brabanki	June, 10, 2020
10	On line teaching learning and online assessment demo	Inpods	June, 9, 2020
9	International Webinar on Chemistry from Nature to Mankind to Combat COVID-19 (CNMCC-19)	GSRM PG College and SRMU	June, 5 to 7-2020
8	Awareness quiz competition on environment	SLSBDC, Gonda	June, 6, 2020
7	Aatmanirbhar Bharat Package: Opportunities & Challenges	Mandsaur University	June, 6, 2020
6	Environment: Challenges & Control	BBD Lucknow	June, 5, 2020
5	Wold environment E Quiz Competition	SRMU, Brabanki	June, 4, 2020
4	Recent Development in material sciences	St. Andrews college, Gorakhpur	June, 2-3, 2020
3	NCIRST-20	AIDC, Lucknow	May, 30-31, 2020
2	National Webinar on computer computing	SRMU, Brabanki	May, 30-2020

1	Statistical Studies of True Vs False Data Related to COVID-19	SRMU, Brabanki	May, 26-2020
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Paper Presented in Conferences/Seminars:

SI · N o.	Title of the paper presented	Title of the Conference/Se minar etc.	Whether International /National/Sta te/ University Level	Organised by
22	Attended; organized by CSIR	Commission for scientific and technical terminology	National	Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki. October, 23-24, 2019.
21	High concentration (3wt %) of colloidal gold nanoparticles dispersed with discotic liquid crystalline material for photovoltaic applications	National Conference On Smart Materials, Devices and Sustainable Technologies (SDMST-19)	National	MMMUT, Gorakhpur, 15-16 March 2019
20	Discotic liquid crystal with gold nanoparticles: A comparative study of different nanocomposites	International symposium on advances in functional and biological materials	International	Humboldt Academy Lucknow & Physics Department, University of Lucknow, Lucknow February, 28, 2019.
19	Organizing Committee Member	National Conference on Recent Trends in Mathematics with Applications	National	Shri Ramswaroop Memorial University, Lucknow-Deva Road, Barabanki. February, 21-22, 2019.
18	Organic and inorganic mixtures : Display and Non display applications	25 th National Conference on liquid crystal	National	Centre of Material Sciences, University of Allahabad, Allahabad, December, 19- 21 2018.
17	Thermodynamic, optical, electrical and electro-optical studies of a room temperature nematic liquid crystal 4- pentyl-4'-cyanobiphenyl dispersed with barium titanate nanoparticles	Indo-polish seminar on advanced materials	International Conference	University of Allahabad, Allahabad February, 5-6, 2016.

16	Liquid crystal composites with gold and silver nanoparticles-for display applications	18 th International conference of international academy of physical sciences on recent trends in physical sciences,	International Conference	University of Allahabad, Allahabad December 22-24, 2015 .
15	Electrical and electro-optical parameters of 4 octyl-4-cyanobiphenyle nematic liquid crystal dispersed with gold and silver nanoparticles	22 nd National conference on liquid crystal	National Conference	DIT University Dehradun, December, 21-23, 2015 .
14	Induction of plasmonic resonance and enhancement of the electrical conductivity in the columnar mesophase of discotic liquid crystalline material	International conference on Light Quanta: Modern Perspective and Applications	National Conference	University of Allahabad, Allahabad December, 14-16-8, 2015 .
13	Discotic liquid crystal-nano composite: interplay with molecular dynamics		International Conference	PDPM-IIIT-DM, Jabalpur March 20-22, 2014
12	Enhancement in the ionic conductivity of columnar discotic liquid crystal gold nano composites	International Conference on Advance Material & Applications	International Conference	University of Allahabad, Allahabad March 24-26, 2014
11	Influence of low concentration gold nanoparticles on the electrical parameters of a discotic liquid crystal	XVI Annual Conference of International Academy of Physical Sciences, on Physical Sciences and Technology of Sustainable development International workshop on materials	International Conference	University of Lucknow, Lucknow July 15, 2014 .
10	Thermodynamical, optical and dielectric studies of the (2,3,6,7,10,11)-Hexabutloxytryphenylene (HAT4)-gold nanoparticles composites	21 st National Conferences on Liquid Crystals	National Conference	V.S.S.D.P.G. College, Kanpur December 16-18, 2014 .
9	Thin film present status and future prospects- An overview	International Conference on Technologica Innovation Through Modern	International Conference	Engineering College Rajasthan, March 15-16, 2013 .

		Engineering Sciences		
8	Influence of the dispersed colloidal Gold Nano Particles on the dielectric properties of a columnar discotic liquid crystal	20th National Conference on Liquid crystals	National Conference	Manipal University, Manipal December 16-18, 2013
7	Digital signal processing subsystem for long wavelength array station	National seminar cum workshop on Recent trends in digital and analog signal processing	National Conference	Gorakhpur University, February 21-22, 2012.
6	Synthesis and characterization of CdTe/HgTe/CdTe quantum dot, quantum well, nanoparticles	National Conference on Advances in Nano-materials & Nanotechnology for Renewable Energy Conversion and storage devices	National Conference	Jaipur Engineering College Jaipur March 1-3 2012.
5	Theoretical investigation of piezoelectric materials	National seminar on Active and Smart Materials	National Conference	Madan Mohan Malviya Technical University, Gorakhpur March, 21-23, 2012
4	Synthesis and characterization of nanocrystalline ZnO thin films	4 th National Conferences on Nanomaterials and Nanotechnology	National Conference	Lucknow University, Lucknow December 21-23, 2011
3	Relative properties of the cylindrical nanopolar semiconductor	National Conferences on Transport and optical properties of nanomaterials	National Conference	University of Allahabad, Allahabad, January, 5-8 2009.
2	Attended	National conference on Emerging trends in mechanical & electrical engineering	National Conference	Integral University, Lucknow, June 11-12, 2012.
1	Attended	INDO-JAPAN Conference on Frontier Nanomaterials For Energy	International Conference	Sharda University G. Noida. January. 9-11, 2012

Research Project: A research proposal entitled “*Synthesis and characterization of discotic liquid crystals and its nonentities (quantum dots, carbon nanotubes and graphenes) composite materials for photonic applications: A comparative study*” have been submitted under the scheme of adhoc Research at Council of Science & Technology, Uttar Pradesh, India.

Total Proposed Amount: 14, 24,000/-

Handling of Instruments:

I have developed good experimental skills with computer controlled instruments for material characterizing like as:

1. Alpha-A high performance frequency analyzer from Nova Control technologies.
2. Newton’s Phase Sensitive Multimeter (model-1735) coupled with Impedance Analysis Interface (IAI model-1257).
3. Temperature controller with hot stage Instec (model HS1).
4. Micro-balances (Cahn Electro-balance and Shimadzu Semi-micro Balance).
5. Differential Scanning Calorimeter (Perkin Elmer model DSC-7 and NETZSCH model DSC 200 F3 Maia).
6. Polarizing Light Microscope (PLM) of CENSICO (model 108329).
7. Fourier Transform Infrared Spectroscopy (FTIR) (Perkin Elmer model 54200A).
8. UV-Vis Absorbance Spectroscopy (Shimadzu UV-1800)
9. Ultrasonicator
10. High Pressure Differential Scanning Calorimeter (Model-TA)
11. Electrometer (Keithley)

Extra Curricular Activities:

1. In 2000 was awarded first prize in **Science Quiz and Essay Writing** Organized by S.V.M. Inter College, Lalganj, Pratapgarh, U.P.
2. In 2004 was a member of winning **Cricket Team** which participated in Inter University Cricket Tournament.

References:

1. Prof. Ravindra Dhar
Coordinator & Professor, Center of Material Sciences
University of Allahabad, Prayagraj

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2. Dr. Alka Mishra

Assistant Professor

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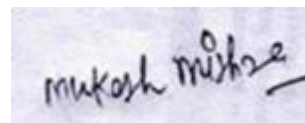
3. Prof. B. M. Dixit

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(Dr. Mukesh Mishra)

Date: