

PROFILE OF THE TEACHERS

1. Name: DR. KRIPA MANI MISHRA
2. Father's Name: Sri Gauri Shankar Mishra
3. Mother's Name: Smt. Jamitri Mishra
4. Department: Physics
5. Date of Joining the University: 02/07/2018



6. Total Teaching Experience: UG- 22 Years PG- 16 Years
7. Total Research Experience: 22 Years
8. Area of Specialization: Superionic Solids, Solid State Ionics
9. Academic Qualifications:

UG	Physics, Chemistry, Maths, DDU Gorakhpur University, Gorakhpur, 1992, 70.5%
PG	Physics, DDU Gorakhpur University, Gorakhpur, 1994, 67.33%
Ph.D.	Physics,
PDF	-
Any Other	-

10. International/National fellowship/financial support for advance studies/research

S. No.	Name of fellowship/financial support	Year of Award	National/International	Awarding Agency
1	National Scholarship	1987-2002	National	UP Board Allahabad
2	Start-up Grant	2020	National	UGC, New Delhi

11. International/National award/recognition for academics

S. No.	Name of award/recognition	Year of Award	Title of the innovation	National/International	Awarding Agency
1	National Scholarship	1987-2002		National	UP Board Allahabad
2	Start-up Grant	2020	Studies on Alkali Metal	National	UGC New Delhi

			Ion Conducting Superionic Solids		
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12. Extension activity participation

S.No.	Name of activity	Year
1	Dean, KIPM Technical Campus, GIDA, Gorakhpur	2012-2018
2	Chairman, Anti Ranging Committee, KIPM Technical Campus, GIDA, Gorakhpur	2012-2018
3	Lab Incharge, B.Tech. First Year Lab, KIPM Technical Campus, GIDA, Gorakhpur,	2012-2018
4	Assistant Proctor, DDU Gorakhpur University Gorakhpur	2018-2020
5	ACS of Semester Exam PG DDU Gorakhpur University Gorakhpur	2019,2020
6	Assistant Coordinator, Institute of Technology, DDU Gorakhpur University Gorakhpur	2021-2022
7	Centre Suprintendent BSc Entrance Examination DDU Gorakhpur University Gorakhpur	2020,2021
8	Suprintendent, Sant Kabir Hostel, DDU Gorakhpur University Gorakhpur	2021-2022
9	Performing Examination Duty, Evaluation, Paper setting, Practical Examiner, (Internal and External) at the University Centre and affiliated Degree colleges	2018-2022
10	Member of departmental Committee, DRC, Purchase Committee, Disposal Committee, Member of Syllabus Committee of Institute of Technology, DDU Gorakhpur University Gorakhpur	2021-22

If any award received-

S. No.	Name of activity	Name of award/recognition	Year of Award	National/International	Awarding Agency

13. Ph.D. supervised

S. No.	Name of the Ph.D. scholar	Title of the Thesis	Year of registration of the scholar	Year of award of Ph.D.
1	Praveen Kumar Pandey	Studies On Sodium Based Superionic Solids	2019-2020	Ongoing

14. Research/Review Papers published

S. No.	Title of paper	Name of the author/s	Name of Journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal		
						Link to website of journal	Link to article/paper/abstract of the article	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
1	High ionic Conductivity and UV blocking in nanosized $\text{Li}_{3(1-x)}\text{Na}_{3x}\text{VO}_4$ Superionic	K.M. Mishra, FZ Haque, RK Chopd e,,Nitu Singh, Jyoti Bamn e	Emerging Materials Research	2021	20460155-20460147	https://doi.org/10.1680/jemmr20.00156	https://doi.org/10.1680/jemmr20.00156	Goggl e Scholar

	Conductors							
2	Photoluminescence and Chemoresistive Gas Sensing: A Comparative Study Using V ₂ O ₅ nanostructures for NH ₃	K.M. Mishra, FZ Haque, RK Chopd e,,Nitu Singh, Jyoti Bamne	Emerging trends in nanotechnology	2021	978-981-159903-3	http://doi.org/10.1007/978-981-15-9904-0	http://doi.org/10.1007/978-981-15-9904-0	Google Scholar
3	UV Shielding and Transparency of K ⁺ -doped Li ₃ VO ₄ nanostructured superionic conductors	K.M. Mishra, FZ Haque, RK Chopd e,,Nitu Singh, Jyoti Bamne	Emerging Materials Research	2020	20460155-20460147	https://doi.org/10.1680/jemmr20.00089	https://doi.org/10.1680/jemmr20.00089	Google Scholar
4	Photoluminescence properties of ZnO Micro/Nanostructures	K.M. Mishra, FZ Haque, N. Singh	Journal of Advanced Physics	2016	2168-1996/2016/5/001/006	http://doi:10.1166/jap.2016.1250	http://doi:10.1166/jap.2016.1250	Google scholar

	es Crapped with Various Surfactan ts							
5	Photolum inescence Based Fast Detection of Ammonia Gas Through TiO ₂ Nanoparti cle	K.M. Mishr a, FZ Haque ,N. Singh, D.Mis hra	Journa l of Advan ced Physic s	201 6	2168- 1996/201 6/5/001// 005	http://doi:10.1166/jap.2016.1260	http://doi:10.1166/jap.2016.1260	Googl e Schola r
6	PVP ASSISTE D SHAPE- CONTR OLLED SYNTHE SIS OF SELF ASSEMB LED 1D ZnO AND 3D CaO NANOST RUCTUR ED	K.M. Mishr a,FZ Haque , N.Sin gh, H. Siddiq ui, M.R.P arra, P.Pan dey,	Conde nsed Matter Spectr oscop y	201 6	0030- 400X	http://doi:10.7868/s0030403416030089	http://doi:10.7868/s0030403416030089	Googl e Schola r

7	Electrical Conductivity of Superiorionic Conductors Na_2ZrO_3	K.M. Mishra, S.N.Tiwari, S.Tripathi	Emerging Materials Research	2012	20460155-20460147	http://www.scijournal.org	http://www.scijournal.org	Scopus
8	Mass and charge transport in Na_3AsO_4	K.M. Mishra, S.N.Tiwari, S.Tripathi	Journal of Scientific And Technical Research	2011	2456-7701	http://www.publishingindia.com >jstr	http://www.publishingindia.com >jstr	Scopus
9	High Ionic conductivity and superiorionic phase in Li System	K.M. Mishra, H.B.Lal, F.Z.Haque	Proceeding of National conference held at Bhopal (2007)	2007		www.inctvpl.in	www.inctvpl.in	webjournal
10	On the magnetic Susceptibility of Manganese Ferrites	K.M. Mishra, FZ Haque, A.K. Lal,	Solid State Physics	2004	81-7764-484-X	-	-	SCI Journal

1 1	Ionic and Electronic Conductivity in Some Alkali Salts	K.M. Mishra, H.B.L al, F.Z.H aque	Solid State Physics	200 4	81-7764- 484-X	-	-	SCI Journal
1 2	Ionic and Electronic Conductivity in Some Alkali Vanadates	K.M. Mishra, FZ Haque ,A.K. Lal,	Solid State Ionics	200 4	0167- 2738	-	-	Elsevier
1 3	Phase Transition Study of Some Superiorionic Conductors	K.M. Mishra, H.B.L al, F.Z.H aque	Solid State Physics	200 2	81-7764- 484-X	-	-	Research Gate
1 4	Study of Some Alkali Ion Active Superiorionic Conductors	K.M. Mishra, H.B.L al, F.Z.H aque	Solid State Physics	200 2	81-7764- 484-X	-	-	Research Gate

15	Ionic and Electronic Conductivity in Some Alkali Salts	K.M. Mishra, H.B.Lal, F.Z.Haque	Solid State Physics	2002	81-7764-484-X	-	-	Research Gate
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15. Books and chapters in edited volumes/ books published

S.No	Title of the book	Title of the chapter	National /International	Year of Publication	ISBN number	Affiliating institute at the time of publication	Name of the publisher
1	Mathematical Physics and Classical Mechanics	-	National	2018	978-81-934553-9-5	DDU Gorakhpur University Gorakhpur	Kanha Publishing House ,Gorakhpur
2	Emerging trends in Nanotechnology	Photoluminescence and Chemoresistive Gas Sensing: A Comparative Study Using V2O5 nanostructures for NH3	International	2021	http://doi.org/10.1007/978-981-15-9904-0	DDU Gorakhpur University Gorakhpur	Springer

16. Papers in national/international conference proceedings

S.No.	Title of the Proceeding of the conference	Name of the conference	National /International	Year of Publication	ISBN/ISSN Number of the proceeding	Affiliating institute at the time of publication
1	Journal of Scitific And	Journal of Scitific And	National	2012	2456-7701	DDU Gorakhpur

	Technical Research	Technical Research				University Gorakhpur
2	Emerging Material Research	Emerging Material Research	National	2011	20460155-20460147	DDU Gorakhpur University Gorakhpur
3	Proceeding of National conference held at Bhopal (2007)1-6	Proceeding of National conference held at Bhopal (2007)1-6	National	2007	www.inctvpl.in	DDU Gorakhpur University Gorakhpur
4	Solid State Physics	Solid State Physics	National	2002	81-7764-484-X	DDU Gorakhpur University Gorakhpur

17. Professional development Programmes, viz Orientation programme, Refresher course, Short term course, Faculty development Programmes

S.No	Year	Title of the Professional Development Programme	Date and Duration (from- to)
1	2021	UGC Sponsored Refresher Course at DDU Gorakhpur University Gorakhpur	27 September-10 October 2021
2	2021	UGC Sponsored Faculty Induction Programme at DDU Gorakhpur University Gorakhpur	27 January- 25 February 2021

18. Research project sponsored by government agencies

S.No.	Name of the Principal Investigator	Name of the research project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of project	Status (completed/ongoing)
1	Dr. K.M. Mishra	Studies on Alkali Metal ion Conducting Superionic Solid	UGC New Delhi	10 Lakh	2020	2 Years	Ongoing

19. Research project sponsored nu non-government sources such as industry, corporate houses, international bodies

S.No.	Name of the Principal Investigator	Name of the research project	Name of funding agency	Amount/Fund provided	Year of sanction	Duration of project	Status (completed/ongoing)

20. Patents filed/granted

S.No.	Name of Patent filed/granted	Patent number	Year of filling/award/published of patent

21. Collaborative activities with other institutions/ research establishments/ industry for research and academic development

Title of the collaborative activity	Name of the Collaborating agency with contact details	Year of collaboration	Duration	Nature of activity
Nanomaterials and Superionic conductors	Maulana Azad National Institute of Technology, Bhopal	2016	2016 to Till Date	Experimental and Theoretical Work

22. Functional MoUs with institutions/industries in India and abroad for internship, on the job training, project work, student/faculty exchange and collaborative research

Name of the organisation/industry With whom MoU is signed	Year of signing MoU	Duration of MoU	Actual activities Under each MoU Year wise

23. E-content is developed

i - For e-PG- Pathshala, ii- For CEC (Under Graduate), iii- For SWAYAM, iv- For other MOOCs platform, v- For NPTEL/NMEICT/any other Government Initiatives

Name of the	Platform on which module	Date of	Link to the relevant	List of e-	Provide link to videos of

Module developed	is developed	launching content	document and facility available in the institution	content development facility available	the media centre and recording facility
Dr. K.M. Mishra, UG, BSc I, Second Semester Maxwell Bridge Lecture 6	physics.online.ddugu@gmail.com	19-04-2022	physics.online.ddugu@gmail.com	06	physics.online.ddugu@gmail.com
Dr. K.M. Mishra, PG, MSc, IV Sem. , Lecture 5 , Analysis of NMR	physics.online.ddugu@gmail.com	13-04-2022	physics.online.ddugu@gmail.com	02	physics.online.ddugu@gmail.com
Dr. K.M. Mishra, UG,	physics.online.ddugu@gmail.com	12-04-2022	physics.online.ddugu@gmail.com	03	physics.online.ddugu@gmail.com

BSc I, Second Semester, AC Bridges, Lecture IV					
Dr. K.M. Mishra, UG, BSc I, Second Semester, Lecture 3	physics.online.ddugu@gmail.com	11-04-2022	physics.online.ddugu@gmail.com	02	physics.online.ddugu@gmail.com
Dr. K M Mishra, UG, BSc III, Scale factor for Cylindrical Coordinate System	physics.online.ddugu@gmail.com	07-04-2022	physics.online.ddugu@gmail.com	05	physics.online.ddugu@gmail.com

Dr. K M Mishr a , Lectur e IV , Analy sis of the NMR, PG, Solid State Physic s, Sem. IV	physics.online.d dugu@gmail.co m	06- 04- 202 2	physics.online.ddugu@g mail.com	01	physics.online.ddugu@g mail.com
Dr. Kripa Mani Mishr a , UG ,BSc I ,Secti on C ,Circu it Analy sis	physics.online.d dugu@gmail.co m	06- 04- 202 2	physics.online.ddugu@g mail.com	05	physics.online.ddugu@g mail.com
Dr. KM Mishr a , Analy sis of Pheno	physics.online.d dugu@gmail.co m	05- 04- 202 2	physics.online.ddugu@g mail.com	01	physics.online.ddugu@g mail.com

menon ,Solid State Physic s MSc IV Semes ter					
Dr. Kripa Mani Mishr a , UG ,BSc I ,Secti on C ,Circu it Analy sis	physics.online.d dugu@gmail.co m	04- 04- 202 2	physics.online.ddugu@g mail.com	03	physics.online.ddugu@g mail.com
Dr. KM. Mishr a, UG, BSc III , Mathe matica l Physic s, Scale Factor for Spheri cal	physics.online.d dugu@gmail.co m	30- 03- 202 2	physics.online.ddugu@g mail.com	05	physics.online.ddugu@g mail.com

Coord inate Syste m					
Dr. Kripa Mani Mishr a , Analy sis of the pheno menon , Solid State Physic s, MSc IV Semes ter	physics.online.d dugu@gmail.co m	30- 03- 202 2	physics.online.ddugu@g mail.com	01	physics.online.ddugu@g mail.com
Dr. Kripa Mani Mishr a , UG ,BSc I ,Secti on C ,Circu it Analy sis	physics.online.d dugu@gmail.co m	29- 03- 202 2	physics.online.ddugu@g mail.com	04	physics.online.ddugu@g mail.com
Dr. K. M. Mishr	e- pathsala.ddu,ac.i n	-	http://ddugu.ac.in/Study MaterialUploadHelpFile. pdf	08	http://ddugu.ac.in/Study MaterialUploadHelpFile. pdf

a, BSc I, Waves and Oscill ation					
Dr. K. M. Mishr a, BSc III, Mathe matica I Physic s	e- pathsala.ddu,ac.i n	-	http://ddugu.ac.in/StudyMaterialUploadHelpFile.pdf	09	http://ddugu.ac.in/StudyMaterialUploadHelpFile.pdf
Dr. K.M. Mishr a, MSc III Semes ter, Solid State Physic s	e- pathsala.ddu,ac.i n	-	http://ddugu.ac.in/StudyMaterialUploadHelpFile.pdf	02	http://ddugu.ac.in/StudyMaterialUploadHelpFile.pdf

24. Consultancy and corporate training-

Consultancy

Name of consultancy project	Consulting/sponsoring agency with contact details	Year	Revenue generated (Rs.)

Corporate training

Title of corporate training program	Agency seeking training with contact details	Year	Revenue generated (Rs.)	Number of trainees

25. Details of Conference/Seminar attended-

Year	Name of the Conference/workshop	International/ National/ State	Name of the professional body for which membership fee provided	Amount support (INR)
2021	7 days online workshop on Research Methodology for Multidisciplinary Perspective of Physics (29 June, 2021- 05 July, 2021) at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2020	International Conference on Advanced functional Materials AFM-2020 (23-25 January 2020) at Nagpur	International	NSERB, BRNS, CSIR	-
2019	11th National Conference on Solid State Chemistry and Allied Areas held at Nagpur, India	National	NSERB, BRNS, CSIR	-
2019	TEQIP-III Sponsored National Conference on Smart Materials, Devices and Sustainable Technologies. (SMDST) held at Gorakhpur.	National	MMM Technical University Gorakhpur	-
2019	National Conference On Scientist of Ancient India and his Contribution Held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2018	National Symposium on Advanced Materials Science held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-

2018	National Conference on Soft Matter held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2017	National Symposium on Multidimensional Aspects of Spectroscopy held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2017	10th National Conference on Solid State Chemistry and Allied Areas held at New Delhi	National	Sharda University, Delhi, Delhi University	-
2015	National Seminar on Recent Development & Future Trend in Physical Science (RDFTPS) held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2015	Recent Development & Future Trends In physical science at Marwar Degree College Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2014	National Conference on Materials Science and Technology	National	DDU Gorakhpur University Gorakhpur	-
2009	National Conference on Thermodynamics of Living and Non Living Systems held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2007	A Workshop on Science and Technology in Ancient Indian Literature and Tradition (Bhartiya Dharohar) held at Gorakhpur	National	MMM Technical University Gorakhpur	-
2006	Seminar Cum Workshop on Concept in Physics held at Gorakhpur	National	DDU Gorakhpur University Gorakhpur	-
2004	Sixth Conference of the International Academy of Physical Science on Emerging	National	DDU Gorakhpur University Gorakhpur	-

	Dimension of Physical Sciences held at Gorakhpur			
2004	DAE Solid State Physics Symposium held at Guru Nanak Dev University Amritsar	National	Department of Atomic Energy Government of India	-
2003	National Seminar on Materials and its application (NASMA) held on Feb. 27 to 28 at Faizabad	National	Faizabad university Faizabad	-
2002	DAE Solid State Physics Symposium held at Punjab University, Chandigarh	National	Department of Atomic Energy Government of India	-
2001	National Academy of Sciences Seventy First Annual Session held at Pune	National	National Academy of Sciences	-
2000	The National Academy of Sciences India, Seventieth Annual Session held at Allahabad	National	National Academy of Sciences	-

26. Any other information:

Performing All duties assigned by Department of Physics, Vice chancellor, Registrar, Varden, Coordinator, Institute of Technology, Chief Proctor, etc. of DDU Gorakhpur university Gorakhpur,