


Faculty Profile of JCC, Jamshedpur

Title	Dr.	First Name	KIRAN	Last Name	DUBEY	Photograph
Designation	ASSISTANT PROFESSOR, DEPARTMENT OF PHYSICS, JAMSHEDPUR COOPERATIVE COLLEGE, JAMSHEDPUR					
Place of Work	DEPARTMENT OF PHYSICS, JCC, JAMSHEDPUR					
Permanent / Contractual	PERMANENT					
Address	EVEREST 5392, VIJAYA GARDENS, BARIDIH, JAMSHEDPUR					
Phone No.	, WhatsApp : 8969154079					
Email:	kd1429kash@gmail.com					
Scholar Profile :	Google				H-index	i10-index
Research profile:	Gate				RG Score	

Educational Qualification

Degree	Institution	Specialization	Year
PDF			
Ph. D.	V.K.S.U , ARA	PLASMA PHYSICS	2006
M. Phil/Others			
Masters	MAGADH UNIVERSITY, BODH GAYA	ELECTRONICS & RADIO PHYSICS	1989
B.Sc. / BA/ Bcom.	MAGADH UNIVERSITY	PHYSICS HONOURS	1988

Academic Career Profile (from current to post M.Sc/A./Com. Teaching (UG/PG) /or Research)

- WORKED AS ASSISTANT PROFESSOR from 2008 to CONTINUING
-

NET/SLET/GATE/JEST

- N.A

Area of Interest / Specialization

- PLASMA PHYSICS
- MATERIAL SCIENCE
- NANO PHYSICS

Software Skill:

- MS- WORD, MS-EXCEL & POWERPOINT

Research Profile

Ph. D. Awarded / Registered:

Sl. No.	Title of Thesis	Name of Scholar	Status (Awarded with date / Registration with date)
	NONE		

No of Vacant Research Scholars place under you: 04

Reference Book / Chapter published in Refereed/Peer Reviewed Book

Sl. No.	Title	Author/s	Publisher's name	Year	Page & Volume	ISSN / ISBN
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Session: 2020-21 (July – 01, 2020 to June 30, 2021)

NONE

Session: 2019-20 (July – 01, 2019 to June 30, 2020)

Session: 2018-19 (July – 01, 2018 to June 30, 2019)

Session: 2017-18 (July – 01, 2017 to June 30, 2018)

Session: 2016-17 (July – 01, 2016 to June 30, 2017)

Earlier

Research papers published in Refereed/Peer Reviewed Journals

Sl. No.	Title	Authors	Journal Name	Year, Vol., Page	ISSN	doi	UGC Care List No / SCI
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Session: 2020-21 (July – 01, 2020 to June 30, 2021)

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Session: 2018-19 (July – 01, 2018 to June 30, 2019)

Session: 2017-18 (July – 01, 2017 to June 30, 2018)

Session: 2016-17 (July – 01, 2016 to June 30, 2017)

PAPER ENTITLED “ ELECTRICLE PROPERTIES OF $Ba(Dy_{1/2}Nb_{1/2})O_3$ CERAMIC PUBLISHED IN “ AMERICAN JOURNAL OF PHYSICS”, CONFERENCE PROCEEDINGS 1728,020640(2016)

Earlier (Before July – 01, 2016)

- (i) A PAPER ENTITLED “ANALYTICAL STUDY & WHISTLER MODE INSTABILITY WITH PARALLEL AC FIELD BY LORENTZIAN KAPPA” PUBLISHED IN INDIAN JOURNAL OF RADIO AND SPACE PHYSICS ,VOL 34,APRIL,2005, PP98 – 105.
- (ii) A PAPER ENTITLED “ SYNTHESIS OF $NiFe_2O_4$ AND $MgFe_2O_4$ NANOPARTICLES THROUGH CITRATE PRECURSOR METHOD ANNEALED AT TEMPERATURE $650\text{ }^\circ\text{C}$ AND STUDY OF STRUCTURAL AND MAGNETIC PROPERTIES” PUBLISHED IN THE PROCEEDINGS OF NATIONAL CONFERENCE ON INFORMATION AND TECHNOLOGY,VVIT, ISBN: 978-81-925776-9-2 P72-74.

Conference Presentations

- PARTICIPATED IN THE 26TH NATIONAL SYMPOSIUM ON PLASMA SCIENCE & TECHNOLOGY ORGANIZED BY BIRLA INSTITUTE OF TECHNOLOGY MESRA, PATNA CAMPUS IN ASSOCIATION WITH PLASMA SCIENCE SOCIETY OF INDIA FROM 20-12-2011 TO 23-12-2011.
- PRESENTED A PAPER ENTITLED “ ROLE OF SELF HELP GROUPS IN WOMENS EMPOWERMENT AND MICRO ENTERPRISES ” IN THE INTERDISIPLINARY NATIONAL SEMINAR ORGANIZED BY THE HOME SCIENCE DEPERTMENT OF THE GRADUATE SCHOOL COLLEGE FOR WOMEN, JAMSHEDPUR ON 28TH AND 29TH NOVEMBER 2011.

- PRESENTED A PAPER ENTITLED “THE IMPACT OF CLIMATE ON ECOSYSTEM” IN THE INTER DISCIPLINARY NATIONAL SEMINAR ON “ECOSYSTEM AND BIODIVERSITY : BANK OF NATURE CAPITAL ORGANIZED BY GRADUATE SCHOOL COLLEGE FOR WOMEN, JAMSHEDPUR, FROM 27 TH AND 28TH MARCH 2012.
- PRESENTED A PAPER IN THE NATIONAL SEMINAR ON “LIFE AND ACHIEVEMENT OF SIR C.V. RAMAN AND LASER SPECTROSCOPY ORGANIZED BY M.S. COLLEGE, MOTIHARI ON 11-12TH APRIL 2012.
- PARTICIPATED IN THE BIHAR SCIENCE CONFERENCE 2014 ORGANIZED BY MAGADH MAHILA COLLEGE, PATNA ON 24TH AND 25TH DECEMBER 2014 A PAPER ENTITLED “ SYNTHESIS OF NiFe₂O₄ AND MgFe₂O₄ NANOPARTICLES THROUGH CITRATE PRECURSOR METHOD ANNEALED AT TEMPERATURE 650 °C AND STUDY OF STRUCTURAL AND MAGNETIC PROPERTIES” PUBLISHED IN THE PROCEEDINGS OF NATIONAL CONFERENCE ON INFORMATION AND TECHNOLOGY, VVIT, ISBN: 978-81-925776-9-2 P72-7
- PRESENTED A PAPER ENTITLED “MICROWAVES : ITS APPLICATION AND USES IN MEDICAL SCIENCES “ IN NATIONAL SEMINAR ON “EFFECTS OF MOBILE PHONE RADIATION ON PLANT , HUMAN & OTHER ANIMALS” ORGANIZED BY CHAS COLLEGE , CHAS, BOKARO FROM 23rd AND 24th APRIL 2016.
- PRESENTED A PAPER ENTITLED “ ELECTRICAL PROPERTIES OF Ba(Dy_{1/2}Nb_{1/2})O₃ CERAMIC” IN INTERNATIONAL CONFERENCE ON CONDENSED MATTER AND APPLIED PHYSICS ICC 2015, OCT. 30-31 ,2015 ORGANIZED BY GOVT. ENGINEERING COLLEGE BIKANER.

Research Projects (Major/Minor Grants)

Sl. No.	Title	Funding Agency	Status
1.	FABRICATION & CHARACTERIZATION OF LEAD-FREE CERAMIC-POLYMER COMPOSITES FOR PIEZOELECTRIC APPLICATIONS	UGC	INCOMPLETE DUE TO FUNDING ERROR

Major Contribution to the Field

Abroad Visit NONE

Administrative Experience:

1. HEAD OF DEPARTMENT
2. B.Ed. CO-ORDINATOR

3.

Refresher / Orientation / Short Term Course:

Session: 2020-21(July – 01, 2020 to June 30, 2021)

Faculty Development Course
Moodle Learning Development System
19-09-2020 to 25-09-2020
Organised by Jamshedpur Women's College

Faculty Development Course
LaTeX application
13-07-2020 to 19-07-2020
Jointly organised by Jamshedpur Women's College and IIT Bombay

Session: 2019-20 (July – 01, 2019 to June 30, 2020)

Faculty Development Program
Emerging Trends in Teaching, Learning and Research: A Transdisciplinary Approach
04-02-2020 to 17-02-2020
Organised by Jamshedpur Women's College in collaboration with Hansraj College, University of Delhi

Digital Leadership Course
Planning for Online Learning: Transitioning from face-to-face to online delivery and developing as an online practitioner.
15-04-2020 to 17-04-2020
Organised by Quality Assurance Strategic Planning and Institutional Research (QASPIR)

Session: 2018-19 (July – 01, 2018 to June 30, 2019)

Session: 2017-18 (July – 01, 2017 to June 30, 2018)

Session: 2016-17 (July – 01, 2016 to June 30, 2017)

Earlier (Before July – 01, 2016)

- PARTICIPATED IN THE 53RD UGC SPONSORED ORIENTATION COURSE CONDUCTED BY UGC- ACADEMIC STAFF COLLEGE, PATNA UNIVERSITY FROM 15-01-2009.
- PARTICIPATED IN THE UGC SPONSORED REFRESHER COURSE IN “EXPERIMENTAL PHYSICS” CONDUCTED BY UGC-ACADEMIC STAFF COLLEGE, RANCHI UNIVER-

SITY FROM 05.01.2012 TO 25.01.2012.

- PARTICIPATED IN THE UGC SPONSORED SPECIAL WINTER SCHOOL ON “NAAC ACCREDITATION OF UNIVERSITIES AND COLLEGES” CONDUCTED BY MAGADH MAHILA COLLEGE,PATNA UNIVERSITY , PATNA FROM 16.01.2015 TO 05.02.2015.
- PARTICIPATED IN THE UGC SPONSORED SPECIAL WINTER SCHOOL ON “LAW , SOCIETY AND ADVANCEMENTS OF TECHNOLOGY”CONDUCTED BY LAW DEPARTMENT OF PATNA UNIVERSITY , PATNA FROM 19.02.16 TO10.03 .2016.

Number of Patents NONE

Awards and Distinctions NONE

Association With Professional Bodies

LIFE MEMBER OF NATIONAL SCIENCE CONGRESS

LIFE MEMBER OF PLASMA SCIENCE SOCIETY OF INDIA

Other Activities

Social
Service
e

Your Teaching Goal in Next 5 years (150 words):

My teaching goals for the next five years are divided into two categories – subject-related course development and pedagogical innovation. The former will be envisioned and executed as cutting-edge course development in the form of new and interdisciplinary courses spread across both undergraduate and postgraduate programs. These will focus not only on imparting a theoretical knowledge of the subject to the students but also on instilling in them a practical curiosity for understanding and decoding the dynamics of the physical world around them.

The second part of my teaching goals revolves around equipping myself with the tools to be able to undertake this discipline-related pedagogical ambition, especially keeping in mind the challenges,

exigencies and uncertainties introduced by the pandemic for higher education in India. Hence, I will involve myself more vigorously with training and certification for online modes of instruction and their seamless integration into existing curriculums (ICTs).

Your Research Goal in Next 5 Years (150 words):

My research goal in next 5 years is to:

- Develop fabrication of smart materials
- Focus on developing a dynamic and interdisciplinary research agenda based on sociophysics.

New Laboratory Development Plan (If any):

Material Science Processes (fabrication and characterization)

New Courses Development Plan (If any):

- 1) Introduction to Nano Technology

Special Elective Papers You may offer (UG):

- 1) Basics and Applications of Plasma Physics

Special Elective Papers You may offer (PG):

- 1) Energy Science

Research Guiding Willingness (Yes / No):

Yes

No. of Scholars you are willing to supervise currently: 04

Deceleration: All the information provided above are correct to the best of my knowledge & may be used for all official purposes.

Place : Jamshedpur

Date: 04/01/22

Signature

Name: Kiran Dubey

Designation: Assistant Professor

Department: Department of Physics