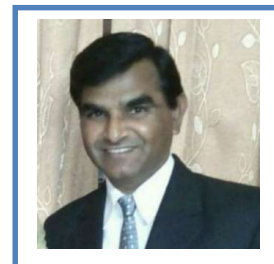




Faculty Profile

1. Name: Dr. R. C. CHOUHAN
2. Designation: ASSOCIATE PROFESSOR
3. Department: PHYSICS
4. Educational Qualification:



Level	Name of University/Board	Year	Title/ Remark/ Medal
M. Sc.	UNIVERSITY OF RAJASTHAN, JAIPUR	1987	-
M. Phil.	UNIVERSITY OF RAJASTHAN, JAIPUR	1988	Study of magnet-magnet interaction by using air-track and BBC Microcomputer
Ph. D.	MDS UNIVERSITY, AJMER	2003	Theoretical study of lens effect of electromagnetic beam in plasma and dielectrics

5. Experience: Teaching / Research

UG	24 YEARS 8 MONTHS	PG	2 YEARS	Research	-
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6. Membership (Academic Bodies):

- LIFE MEMBER OF INDIAN ASSOCIATION OF PHYSICS TEACHERS

7. M.O.O.C (Developed by Faculty): ---

8. Awards Received: NIL



9. Academic Courses Attended:

Course	Place	Sponsoring Agency	Duration
Orientation Course	ASC , JNV UNIVERSITY JODHPUR	UGC	27 DAYS
Refresher	ASC , JNV UNIVERSITY JODHPUR	UGC	20 DAYS
	ASC , JNV UNIVERSITY JODHPUR	UGC	20 DAYS
	ASC , RAJASTHAN UNIVERSITY, JAIPUR	UGC	20 DAYS
Others (Workshop/ Summer School/ Camp etc.)	(WORKSHOP) GOVERNMENT COLLEGE AJMER	RPA	2 DAYS
Online F..D.P (Faculty Development Programme)attended	-	-	-

10. Seminar/ Conference attended:

Name of Seminar/ Conference	Internat./ National/ Regional	Paper Presented	Title of Paper	Date
NATIONAL SEMINAR ON RECENT DEVELOPMENT IN ELECTRONIC MATERIALS & MW ELECTRONICS	NATIONAL	PAPER PRESENTED	PULSE CODE MODULATION - AN INTRODUCTION	3-5 SEPTEMBER 1998

Signature



S.P.C.G.C., Ajmer

NATIONAL LASER SYMPOSIUM, DEPARTMENT OF ATOMIC ENERGY	NATIONAL	ATTENDED	-	13-15 DECEMBER 2000
NATIONAL SEMINAR ON CURRENT TRENDS IN PHYSICS	NATIONAL	PAPER PRESENTED	CURRENT TRENDS IN PHYSICS	12-14 FEBRUARY 2001
NATIONAL SEMINAR ON RECENT ADVANCES IN MIROWAVE, ANTENNA AND PROPAGATION	NATIONAL	PAPER PRESENTED	RECENT ADVANCES IN MIROWAVE, ANTENNA AND PROPAGATION	2-4 NOVEMBER 2001
NATIONAL CONFERENCE ON ENVIRONMENTAL DEGRADATION AND SUSTAIBLE DEVELOPMENT	NATIONAL	PAPER PRESENTED	EFFECTS OF HAZARD ON ENVIORNMENT	9-11 NOVEMBER 2005
SEMINAR FOR CELEBRATION OF INTERNATIONAL YEAR OF PHYSICS 2005, IAPT	NATIONAL	ATTENDED	-	23 DECEMBER 2005
NATIONAL CONFERENCE ON RECENT ADVANCEMENT IN ENGINNERING AND TECHNOLOGY	NATIONAL	PAPER PRESENTED	SIMPLE MICROWAVE PLASMA BASED EXPERIMENT	26 APRIL 2008

Signature



NATIONAL CONFERENCE ON SUSTAINABLE RURAL DEVELOPMENT IN INDIA	NATIONAL	PAPER PRESENTED	HEALTH HAZARD BY USE OF CELLPHONE	10 AND 11 MARCH 2012
NATIONAL CONFERENCE ON ECOLOGICAL PERSPECTIVE OF RAIN WATER HARVESTING AND GRUOND WATER RECHARGE	NATIONAL	PAPER PRESENTED	FREEDOM OF RIVER : SAVE RIVER CAMPAIGN	03 AND 04 JANUARY 2014
NATIONAL CONFERENCE ON TERMINOLOGY IN SCIENCE	NATIONAL	PAPER PRESENTED	TECHNICAL TERMINOLOGY IN SCIENCE	12 AND 13 AUGUST 2014

11. Organizing Sec./Convener of conference/seminar/webinar :

-	-
-	-

12. Resource Person:

In training Programme	-
In conferences/Seminars (Chair/Co-Chair of Session)	-

Signature



13. Research Publications

Title of Paper	Name of Journal with Impact factor & ISSN No.	Volume and No. with Year	Citation Index	Impact Factor	Google Index
ENTIRE SPATIAL PROPAGATION CHARACTERISTICS OF AN INTENSE LASER BEAM IN PLASMA: SELF FOCUSING AND SELF TRAPPING DUE TO PONDERMOTIVE NONLINEARITY	INDIAN JOURNAL OF PHYSICS	Vol 75B(6), Page no. - 545-553 (2001)	-	0.967	-
SELF TRAPPING OF OPTICAL BEAM: NONPARAXIAL APPROACH	NON LINEAR OPTICS, ISSN 1058-1268	Vol 29(1) Page no. - 1-6 (2002)	-	-	-
STUDY OF INTENSE LASER BEAM PROPAGATION IN AXIALLY INHOMOGENEOUS AND RELATIVISTIC NONLINEAR PLASMA	NON LINEAR OPTICS ISSN 1058-1268	Vol 29(1) Page no. - 61-77 (2002)	-	-	-



SELF-COMPRESSION AND SOLITON PROPAGATION OF SHORT GAUSSIAN LASER PULSES IN KERR NONLINEAR DIELECTRIC FIBERS OF PARABOLIC REFRACTIVE INDEX PROFILE	NON LINEAR OPTICS ISSN 1058-7268	vol.29(2-3) Page no. - 135-156 (2002)	-	-	-
NONLINEAR PROPAGATION OF LASER BEAM AND FOCUSING DUE TO SELF ACTION IN OPTICAL FIBER: NON PARAXIAL APPROACH	PRAMANA- JOURNAL OF PHYSICS ISSN 0304-4289	vol.61(4) page no. - 693-706 (2003)	-	-	-

14. Research Projects:

Title of the Project	Year	Name of funding agency	Fund available/ utilized	Present status
-	-	-	-	-

15. Research Supervision:

- Basic Field of specialization:

❖ Ph.D.

Name of Student	Title of thesis	Present status	Date and Year of Award, if so
-	-	-	-

❖ M. Phil.

Name of Student	Title of Dissertation	Present status	Date and Year of Award, if so
-	-	-	-

Signature



16. Monograph/ Book / Chapter (in Edited Book)/Chapters in study material of Open universities

• Book (Single Author)

Title of Book	ISBN/ ISSN No.	Publisher with Place	Year of Publication
-	-	-	-
-	-	-	-

• Chapter(s) in Book (Edited / multi-author)

Title of Chapter	Authors / Editors	Name of the Book with ISBN/ ISSN No.	Publisher with Place	Year of Publication
MECHANICS	Dr. V.S.Shukla Dr.R.C.Chouhan Mr. M.S.Rajput Mrs.Deepmala Meena	ISBN 9789387178298	R.B.D Publishing HOUSE,JAIPUR	2019

17 Sports Activities: NIL

18 Extra Curricular Activities:

NIL

19. Any Other Relevant Information/Contributions NIL

Signature