



**R. A. Arts, Shri M. K. Commerce and Shri S. R. Rathi Science
Mahavidyalaya, Washim.**

Faculty Profile

Academic and Administrative Audit

(Provide the information for last five years from 2011-12 to 2014-15)

1. Name of the faculty : RAJESH RAMKRISHNA RISODKAR
2. Name of the Department : PHYSICS
3. Educational qualifications : M.Sc. B.Ed. M.Phil.
4. Present position : ASSISTANT PROFESSOR
5. Address for correspondence : IUDP COLONY, PHASE-II, WASHIM.
6. E-mail and contact number : 9421386727,
E-mail: rajrisodkar@gmail.com
7. Specialization : Solid State Physics
8. Total teaching experience : 07yrs.
9. Courses taught : UG
10. Research experience : 05 yrs.
11. Major research projects of UGC completed: Ongoing. NA

Title of the project	Date of sanction and Duration	Grant received

12. Minor research projects completed:

Title of the project	Date of sanction and Duration	Grant sanctioned and received
Study of Electrochemical Impedance of PPY/SO ₄ and It's Blends	08/03/2012 Two Years	1,80,000(sanctioned) 1,35,000 (Received)

Number of students awarded Ph.D. degree: NA

Name of the student	Topic of research	Date of registration	Date of /Registration/declaration of Ph.D. degree

14 Participation in conferences, symposia, seminars and workshops:

Name of the Conf. /Seminar/Workshops	Topic of research	Level: National /International/State/Regional	Whether presented Paper/Chaired the Session/Resource Person
National Conference on Biodiversity Adarsh mahavidyalaya,Hingoli.	Impact of Idol immersion on Physico-chemical properties and heavy metals on "Dev Talav"	National	Research paper presented
Innovations in Bio-Sciences, R.A . College, Washim	Study of physico-chemical Properties of Lonar Lake water	National	Research paper presented
Recent trends in Physics Mungsaji maharaj Science college,Darvha.	Synsthesis and Characterization of Polypyrrole thin film	National	Research paper presented
National Seminar on Synthesis of nanomaterials. Government P.G.College,Chindwara(MP)	Synsthesis and Characterization of Polypyrrole composite thin film	National	Research paper presented
National Conference on Current Developments in	Synthesis and Conductivity study of PPY/PVA Thin	National	Research paper presented

Nanoscience. Kamla Nehru College, Nagpur	Film.		
National Conference on Recent trends in Physics Khandelwal College, Akola	Synsthesis and Characterization of Polypyrrole thin film	National	Research paper presented
Workshop on Research Methodology RTM University, Nagpur	Research Methodology	State	Participated
Workshop on Awarness of IQAC AT R.A.College,Washim	Awarness of IQAC	State	Participated
<u>National Conference on Research in Basic and Applied Physics at K.K.Kshirsagar College,Beed</u>	Synthesis and Conductivity study of PVA Thin Film.	National	Research paper presented

15 Innovative processes developed in teaching and learning.

- 1) Special Emphasis is given on ICT in teaching.
- 2) Seminar
- 3) Group Discussion
- 4) Quiz Competition

16 Participation in curricular development : - 1) organization of Physics Association and Science Forum 2) Unit test Paper Setting 3) Exam Invigilation 4)Exam Evaluation

17 Participation in co-curricular and extra-curricular activities.1) Member of IQAC Committee 2) Member of Library Committee 3) member of Student Guidance cell 4) Member of PBAS Committee

18 Refresher and Orientation courses attended:

Course	Duration	Place
Orientation Course	4/1/2014 to 27/1/14	UGC-ASC Jabalpur(MP)
Refresher Course	21/2/2015 to 14/03/2015	UGC-ASC, Shimla (HP)

19 Examination /Evaluation reforms initiated: Nil

20 Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, and index.

NATIONAL

Sr.No.	Authors	Title of the Research Paper published	Name of the Journal/proceeding	Impact Factor,/Citation Index
1	R.Risodkar,R.Joat,P.Bodkhe,S.Binani	Synthesis and Conductivity study of polypyrrole thin film	CSIR Sponsored National Conference Proceeding on "Current Developments in nanoscience;Challenges and Opportunities" ISBN 9789381432563	-----

INTERNATIONAL

Sr.No.	Authors	Title of the Research Paper published	Name of the Journal/proceeding	Impact Factor,/Citation Index
1	R.Risodkar,R.Joat	Structural investigation of Polypyrrole thin film <u>1</u>	International journal of basic Sciences Research Link ISSN 0973-1628	-----
	R.Risodkar,R.Joat,S.G	Synthesis and Conductivity	International journal of Advanced	-----

2	ore	study of PVA thin film	Research In Basic and Applied Sciences ISSN 2394-4072	
3	R.Risodkar,R.Joat	Electrochemical impedance study of ppy/so4 and it's blends	Asian journal of Contemporary Sciences ISSN 2319-9938	-----
4	R.Risodkar,s.Deshpande,A.K.Dongare	DIELECTRIC PROPERTIES OF LONAR LAKE SALINE SOIL AT 5.2 GHz.	International journal of Advanced Research In Basic and Applied Sciences ISSN 2394-4072	-----
5	R.Risodkar,R.Joat,S.B hoga	Synthesis and characterization of Ammonium Salt doped PVA Thin Film	IONICS, International Journal of Solid State Physics	Communicated

21 Books published: with ISBN No., Without ISBN No., Chapters in books.

Nil

22 Patents Applied/Granted: National. International, commercialized: Nil

23 Consultancy services provided and revenue generated: to researchers only.

24 Conferences ,seminars, symposia and workshops organized as

convener/coordinator

: Nil.

25 Number of collaborations: 1) Dept. of physics, Vidyabharti Mahavidyalaya,
Amravati.

2) Late Pundlikrao Gawali Science College, Shirpur, Dist. Washim

26 Awards /recognitions received: International, National, State, University level.

Nil.
