

CURRICULUM VITAE

Dr. Jagannatn Babu Chaudhari

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Correspondence Address

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Permanent Address

PROFESSIONAL SYNOPSIS

- Thirty Three years of experience in academia and research.

ACADEMIC DETAILS

Examination Passed	Board/ University	Group/ Subject	Percentage Secured	Class	Year of Passing
Ph.D.	North Maharashtra University, Jalgaon	Physics	---		2010
M.Sc.	North Maharashtra University, Jalgaon	Physics	61.7%	First Class	1998
B.Sc.	Pune University, Pune	Physics	57%	Second Class	1981

THESIS / DISSERTATION TITLE

- 1) Ph.D. in Physics (Doctor of Philosophy)
Research Topic: '*Synthesis of nano Material & Photo sensor*'

PROFESSIONAL EXPERIENCE

Diploma : 25 years, UG: 08 years, PG: 06 Years, Research: 12 years			
Organization Name	Designation	From Date	To Date
P. S. G. V. P. Mandal's G. M. Chaudhari, Polytechnic, Shahada, Dist. Nandurbar	Tech. Assistt.	16-8-1985	31-10-2002
	Lecturer	1-11-2002	5-12-2010
PSGVPM's ASC College Shahada	Assistt. Prof.	6-12-2010	Till this date

ACADEMIC AND ADMINISTRATIVE RESPONSIBILITIES

- Member of NAAC
- Member of IQAC
- Member of RUSA
- Member of Avishkar,
- Member of Uvarang,
- Member of conference/ workshop/ seminar
- Member of Admission/Examination committees
- Administrative Officer in On Screen Evaluation, Center- PSGVPM's ASC College, Shahada, NMU Jalgaon,
- Director, FYBA/B Com/ B Sc CAP.
- Head, Department of Computer Science.

BOOKS, PATENTS, PUBLICATIONS, CONFERENCES & WORKSHOPS

▪ Books	:-	00	
▪ Patents	:-	00	
▪ Publications (International)	:-	04	
▪ International Level Conferences	:-	04	
▪ National Level Conferences	:-	09	
▪ Workshops/Seminar	:-	16	
▪ Google Citation	:-	61	<i>h-index:- 1 i10-index:- 1</i>
▪ Research Gate (RG) Score	:-	Nil	
▪ Research Gate Citations	:-	Nil	

BOOKS

PATENTS

PUBLICATIONS

- 1) **J.B. Chaudhari**, N.G. Deshpande, Y.G. Gudage, A. Ghosh, V.B. Huse, Ramphal Sharma 1,*
“Studies on growth and characterization of ternary CdS_{1-x}Se_x alloy thin films deposited by chemical bath deposition technique” Applied Surf. Sci. 254 (2008) 6810. **[Impact Factor: 1.461]**
- 2) I. J. Patil, P.P. Jagtap, **J. B. Chaudhari** and R. S. Patil, “Topographical Studies of Ferro-Electric domains in Glycine Potassium Sulphate (GPS) Crystals ” Scholars Research Library, Archives of Physics Research, 2011, 2 (3): 86-90. **[ISSN 0976-0970]**
- 3) **J. B. Chaudhari**, R. S. Patil, I. J. Patil, P. P. Jagtap, and Ramphal Sharma, “Studies on structural & optical properties of CdS_{0.2}Se_{0.8}: Ag nanocomposite thin film for photosensor application” AIP Conf.

- 4) N.G. Deshpande, A. Ghosh, R. R. Ahire, S. R. Gosavi, R. R. Kasar, H. K. Sadekar, **J. B. Chaudhari** and Ramphal Sharma. "Effect of Post-deposition Heat Treatment on the Physical Properties of SILAR Grown Tin Disulfide" Journal of Scientific Review. Vol.4, Issue 1, Pages 196-202, 2012

[E-ISSN:0975-0754]

CONFERENCES/WORKSHOP/SEMINAR

Invited Lectures in Conferences/Workshop/Seminars:

Paper presented in Conferences/Workshop/Seminars:

- 1) **J. B. Chaudhari**, Y. G. Gudage, N. G. Deshpande, Abhay A. Sagade, A. Ghosh, R. S. Patil and Ramphal Sharma, "Effect of annealing on optical and electrical properties of CdS thin films" Poster Presentation at Internal Conference, ICMA- 2007, Kolhapur, 15-17 November, 2007.
- 2) Y. G. Gudage, N. G. Deshpande, A. A. Sagade, S. D. Chavhan, A. Ghosh, S. R. Gosavi, H. K. Sadekar, **J.B. Chaudhari**, R. R. Kasar, V. B. Huse, V. Taur and Ramphal Sharma, "DC characterization of Al/CdSe Schottky diode" Poster Presentation at Internal Conference, ICMA-2007, Kolhapur, (M.S.) 15-17 November, 2007.
- 3) **J. B. Chaudhari**, S. R. Gosavi, N. G. Deshpande and Ramphal Sharma. "Photoelectrochemical (PEC) Studies on PbS Thin Films Deposited By Chemical Bath Deposition Technique" organized by Deptt. of Physics, Shivaji University, Kolhapur (ICMSIRSA-2016) Jan 28-30, 2016
- 4) I. J. Patil, P.P. Jagtap, **J. B. Chaudhari** and R. S. Patil, "Growth and Characterizations of Ferro-electric Glycine Potassium Sulphate (GPS) Crystals" at National level Conference on Recent Advances in material Synthesis and Characterization (NCRAMS-2011) organized by Dadasaheb D. N. Bhole College Bhusawal, Dist. Jalgaon on 22-23 January 2011.
- 5) **J. B. Chaudhari**, R. A. Joshi, Ravi Late, Shaheed Shaikh, Anil Ghule and Ramphal Sharma, "Annealing Induced Modifications in Nanostructured CdS_{0.7}Se_{0.3} Thin Films" Poster Presentation at Dept. of Nanotechnology, Dr. B. A. M. University, Aurangabad, on 16-17 Feb 2011.
- 6) **J. B. Chaudhari**, R. S. Patil, I. J. Patil, P. P. Jagtap, and Ramphal Sharma, "Studies on structural & optical properties of CdS_{0.2}Se_{0.8}: Ag nanocomposite thin film for photosensor application, Poster Presentation at 56th DAE-SSPS 2011, 19-23 Dec. 2011, Venue: SRM University, Kattankulathur, Tamilnadu.
- 7) **J. B. Chaudhari**, R. A. Joshi, S. T. Suryawanshi, Ramphal Sharma*, Nanostructure CdS_{0.1}Se_{0.9} Composite Thin Film Deposited By Chemical Bath Deposition for Solar Cell Window Applications. Poster Presentation in Advances in Nanostructured-Materials and Their Applications 2013, 22-23 Jan 2013. Arts, Science and Commerce College, Taloda, Dist: Nandurbar.
- 8) **J.B. Chaudhari**, Ramphal Sharma* Growth and Study of Optical Properties of Chemically Deposited CdS_{0.9}Se_{0.1} Thin Film For Photo Cell Application, Poster Presentation in NSAMA-2013, 1-2 Feb 2013,

Arts, Science and Commerce College, Dondaicha, Dist: Dhule.

- 9) **J. B. Chaudhari**, I. J. Patil, R. A. Joshi, R. R. Kasar and Ramphal Sharma* Growth and Study of Optical Properties of Chemically Deposited Nanostructure $CdS_{0.3}Se_{0.7}$ Thin Film For Solar Cell Window Application. Presentation in NSAMA-2013, 21-22 Feb 2013, Arts, Science and Commerce College, Sonai, Dist: Ahmednagar.
- 10) **J. B. Chaudhari**, R. R. Kasar, N. G. Deshpande, S. R. Gosavi, Ramphal Sharma "Studies on Photosensitivity of PbS Thin Films Deposited By Chemical Bath Deposition Technique" National conference on Recent Development in Nanomaterials & Their Applications Deptt. of Electronic, G T Patil Arts, Comm & Science College, Nandurbar. Feb 5 -6, 2016.
- 11) **J. B. Chaudhari**, Ramphal Sharma, "Silver Doped Cadmium Selenosulphide thin film for sensor applications", Recent Advances In Nanocrystalline Materials and Applications (RAINMAA-2009), PSGVP Mandal's ASC College, Shahada, 06-07 Feb 2009.
- 12) **J. B. Chaudhari**, "Studies on Photoconductive Properties of CdSe Thin Films Deposited By Chemical Bath Deposition Technique" AVISHKAR – 2015, PSGVP Mandal's ASC College, Shahada, 22nd Nov. 2015.
- 13) P. P. Jagtap, **J. B. Chaudhari**, "A Review of Renewable Energy Sources" National Conference on Non Conventional Energy Sources for Rural Development of India.(NCESFRDOI -2017), Organized by Uttamrao Patil Arts & Science College, Dahivel, Tal: Sakri, Dist: Dhule, on 06/01/2018.

Participation in Conferences/Workshop/Seminars:

Name of the Seminar/ Conference/ Symposia Workshop, etc.	Name of the Sponsoring Agency	Place and Date
1) Seminar on "The role of Chemistry in our lives"	UGC New Delhi	PSGVPM's ASC College, Shahada 25 th feb 2011
2) National workshop on Nanotechnology & Intellectual Property Rights & Patent in Science & Technology from Nanotechnology Perspectives	UGC New Delhi	Dr. BAMU Aurangabad Feb 16-17, 2012
3) Work shop on FYBSc Physics syllabus Revision	NMU, Jalgaon	Deptt. of Physics, Arts, Science & Commerce College, Sakri
4) National conference on Nanostructures & Nanomaterials	DST-FIST & UGC – SAP New Delhi	Eklavya study center, Nandurbar 28 th March 2012
5) Work shop on SYBSc Physics syllabus Revision	NMU, Jalgaon	Deptt of Physics, GDM Arts, KRN Comm & MD Sci College Jamner Feb 10, 2013
6) National conference on Nanomaterials: Applications & Properties	UGC New Delhi	Arts, Commerce & Science College, Sonai Feb 22 – 23, 2013
7) National conference on Recent Emerging Trends in Plant Sciences	UGC New Delhi	PSGVPM's ASC College, Shahada Sept 6 - 7, 2013
8) One day work shop on Research Methodology Presentation	NMU, Jalgaon	PSGVPM's College of Pharmacy, Shahada 21 st Sept 2013
9) National conference on Animal Biodiversity & Recent Trends in	UGC New Delhi	PSGVPM's ASC College, Shahada Dec 6 - 7, 2013.

Zoological Research		
10) Work shop on TYBSc Physics syllabus Revision	NMU, Jalgaon	RC Patel Arts, Comm & Sci College, Shirpur Feb 23 – 24, 2014
11) One day work shop on syllabus framing for M Sc Physics	NMU, Jalgaon	Pratap College, Amalner April 29, 2014
12) Work shop on TYBSc Physics Practicals	NMU, Jalgaon	Deptt. of Physics, Nanasaheb YN Chavan Arts, Sci & Comm College, Chalisgaon. 27 th Jan 2015.
13) Work shop on SYBSc Physics syllabus Revision	NMU, Jalgaon	Deptt. of Physics, Uttamrao Patil Arts & Sci College, Dahiwel, 14 th Jan 2016.
14) National Conference on Recent Emerging Trend in Plant Sciences (REPTS-2017)	UGC, New Delhi	PSGVPM's ASC College, Shahada Dec 23 – 09- 2017.
15) Work shop on FYBSc (CBCS) Physics syllabus Revision	NMU, Jalgaon	Deptt. of Physics, ASC College, Taloda.on 30/06/2018
16) One day work shop on syllabus framing for M Sc Physics	NMU, Jalgaon	PSGVPM's ASC College, Shahada July 16 th 2018.

RESERCH ACTIVITES

- **RESEARCH SPECIALIZATION**

Photosensor

- **RESEARCH PROJECTS**

(Sponsored projects (MRP/VCRMS/Other) & Consultancy Projects)

Sr No	Title of Project	Name of Sponsoring Agency	Period	Amount	Status of completion
1	“Characterization of CdS/PbS heterojunction deposited by chemical route for photovoltaic applications”.	UGC-WRO, Pune	2years (April 2013 to 2015)	Rs.1,00,000/-	Completed
2	“Growth, Electrical & Optical Properties of n-CdSe/p-Cu ₂ S heterojunction thin film deposited by chemical route for photovoltaic applications”.	VCRMS, NMU, Jalgaon	2years (April 2013 to 2015)	Rs.70,000/-	Completed

- **RESEARCH GUIDANCE**

Sr.No.	Name of Student with registration number and date of registration	Ph.D / M.Phil.	Thesis Title	Status

MEMBERSHIP OF NATIONAL SCIENTIFIC PROFESSIONAL BODIES

FELLOWSHIPS AND AWARDS RECEIVED

DEVELOPMENT OF E-LEARNING DELIVERY PROCESS/MATERIAL

Sr. No.	e-learning delivery process/material	Title of the process/material	Details of the website	No of mo develop
1				
2				
3				
4				

CO-CURRICULAR AND EXTENSION ACTIVITIES

Co-curricular activities:

- 1) .
- 2) .

Extension activities:

- 1) .
- 2) .

PERSONAL INFORMATION

Date of Birth : 20th May 1959
Sex : Male
Marital Status : Married
Language Known : English, Hindi and Marathi
Local Address : Shahada
Maharashtra, India (425409)

CV Updated upto 01/09/2018