

**Digras Vibhagiya Shikshan Prasarak
Mandal's**

**Bapuraoji Butle Arts, Narayanrao Bhat Commerce and Bapusaheb Patil
Science College, Digras, Distt-Yavatmal Maharashtra**

FACULTY PROFILE



PERSONAL DETAILS

1. **Name** : **Dr. Pravin Mohanlal Chandak**
2. **Designation** : Assistant Professor
3. **Department** : Physics
4. **Address** : 41 Matoshri, Siddhivinayak Nagar Digras
5. **Mob.No.** : (+91) 9511873835
6. **EmailID** : pmchandak1970@gmail.com
7. **Date of birth** : 25/06/1969

ACADEMIC QUALIFICATION

Qualification	University	Subject/Specialization	Year of Passing	Division/
B.Sc.	S.G.B.A.U	Mathematics	1992	I
M.Sc.	S.G.B.A.U	Physics	1994	I
Ph.D.	S.G.B.A.U	Physics	2019	----

PROFESSIONAL EXPERIENCE

1. **Teacher approval No. and Date:** AU/8/C-459/94 Dated 30/12/1994
2. **Ph.D.NotificationNo.&Date:** 124/2019 Dated 19/09/2019
3. **Ph.D.Supervisor&NotificationDate :** Nil
4. **TeachingExperience:** UG:27 Years PG:Nil
5. **ResearchExperience:** 6 Years

RESEARCH EXPERIENCE

Sr. No.	Name of Student	Topic of the Research	Period	Ph.D. Status
1.	Self	Preparation of Nanocrystalline Cr ₂ O ₃ based Semiconductor Material for Gas Sensing	06 yrs	Ph.D. Completed

ORIENTATION/REFRESHER COURSES COMPLETED

Sr.No	Academic Staff College	Type of the course	Duration
1	Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Orientation Course	03/005/1999 to 30/05/1999
2	UGC-Amolakchand Mahavidyalaya, Yavatmal	Workshop on Quantum Mechanics	20/11/2000 to 25/11/2000
3	UGC- ASC Nagpur University	Refresher Course in Physics	18/10/2004 to 07/11/2004
4	UGC- S.G.B. Amravati University	Refresher Course in Mathematical and Computational Sciences	08/11/2005 to 28/11/2005
5	UGC- ASC RTM Nagpur University	Refresher Course in IT APPLICATION (Physics)	10/12/2008 to 30/12/2008
6	UGC- ASC S.G.B. Amravati University	One Week Short Term Course/Training on Environment Awareness Programme	26/09/2011 to 01/10/2011
7	UGC- ASC RTM Nagpur University	Short Term Course for Teaching Staff	08/12/2014 to 13/12/2014
8	TEQIP III- VNIT and NIT Agartala & Samrat ATI, Vidisha	Workshop on "DIFFRACTION AND MICROSCOPY" (WDM-2018)	25/08/2018 to 29/08/2018

9	FDC – MGNCRE Ministry of Human Resource Development Government of India	FDP on ‘Experimental Learning Methodology- Gandhiji’s Nai Talim’	11/05/2020 to 15/05/2020
10	Sai Ram Institute of Management Studies and Sai Ram Institute of Technology	One Week International FDP on “Teacher’s Leadership quality in Higher Education”	24/06/2020 to 30/06/2020

RESEARCH PAPER PUBLISHED

Sr. No	Title	Journal	ISSN/ISBN No.
1	Nanocrystalline Cr ₂ O ₃ : Potential Candidate for Gas Sensing	National Conference	17 & 18 Oct.2016
2	Academic and Administrative Audit: A Parameter of Quality Education	National Conference	978-81-926186-6-1
3	Importance of ICT in Teaching, Learning & Evaluation	Vidyabharti International Interdisciplinary Research Journal	2319-4979
4	Preparation and characterization of Fe ₂ O ₃ modified Nanocrystalline Cr ₂ O ₃ based thick films	International Journal of current engineering and scientific research	2393-8374
5	Synthesis of CuO modified Nanocrystalline Cr ₂ O ₃ ,	Aayushi International Interdisciplinary Research Journal	2349-638x
6	Surface modified nanocrystalline Cr ₂ O ₃ based thick films for gas sensing	International research journal of science and engineering	2395-0072
7	Nanostructured Cr ₂ O ₃ based thick film as ethanol gas sensor,	Journal of Multilogic in science	2277-7601
8	Surface Activated Cr ₂ O ₃ Based Thick Film for Ammonia Gas Sensing	International E-Research Journal Research Journey	ISSN:2348-7143
9	Synthesis and Surface Morphological Properties of Unmodified and Al ₂ O ₃ Modified Nanocrystalline Cr ₂ O ₃ Based Thick Films.	An International multidisciplinary quarterly research Journal Ajanta	ISSN: 2277
10	Role of Principal and Teacher for Quality Enhancement in HEIs,	An International Multidisciplinary Research Journal Research Chronicler	p-ISSN:2347-5021 e-ISSN: 2347-503X
11	Synthesis and Surface Morphological Properties of Unmodified and CuO Modified Nanocrystalline Cr ₂ O ₃ Based Thick Films.	International Journal of scientific research in Science and Technology	Print ISSN - 2395-6011 Online ISSN: 2395-602X
12	APPLICATION OF ICT IN PHYSICAL SCIENCES.	An International, Peer Reviewed & Indexed Quarterly Journal in Arts, Commerce & Social	ISSN - 2277-8071

		Sciences	
13	Human Rights and Child Labour	Indian Journal of Innovative Research in Arts (Interdisciplinary Journal)	ISSN 2249-5029
14	Effect of Dopants on dc electrical conductivity of nanocrystalline In_2O_3	International Journal of Basic and Applied Research	Online ISSN: 2278-0505 Print ISSN: 2249-3352
15	Water Pollution	State level Conference Environmental Crises with Special Emphasis to Save Earth	Feb 25 & 26 2009

Attended more than 30 Seminars, Conferences and Workshops

ORGANIZATION OF ACADEMIC EVENTS

- 1) Worked as Treasurer in UGC sponsored State Level conference on “Environmental crisis with special emphasis to save Earth”. Organized at B.B.Arts, N.B.Commerce & B.P.Science college, Digras, Dist.Yavatmal (M.S.) on 25th and 26 Feb.2009
- 2) Worked as member in UGC sponsored State Level conference on “Conservation of natural resources with special reference to changes in agriculture organized at B.B.Arts, N.B.Commerce & B.P.Science college, Digras, Dist.Yavatmal (M.S.) – on 10th & 11th Feb.2010”
- 3) Worked as Treasurer in National level seminar on Importance of Martial Arts in Today’s Era Organized at B.B.Arts, N.B.Commerce & B.P.Science college, Digras, Dist.Yavatmal (M.S.) on 27th Sept 2012
- 4) Worked as organizing secretary in National conference on Lasers and their Applications Organized at B.B.Arts, N.B.Commerce & B.P.Science college, Digras, Dist.Yavatmal (M.S.) on Dec 2012
- 5) Worked as Coordinator in International Webinar on Pandemic Covid-19..Changes and Challenges in Society with special reference to higher education Organized at B.B.Arts, N.B.Commerce & B.P.Science college, Digras, Dist.Yavatmal (M.S.) on 5th June 2020

MEMBERSHIPS:

1. AUPTA
2. NUTA Member

DR.P.M. Chandak

Department of Physics

**B.B. ARTS, N.B. COMMERCE & B.P. SCIENCE
COLLEGE, DIGRAS**

