



DharmabadShikshanSanstha's
LalBahadurShastriMahavidyalaya, Dharmabad



BIO-DATA

1. Name in Full : Dr Amarsingh Gopalsingh Chawhan
2. Sex : **Male** / Female
3. Residential Address : c/o Dr A S Tak, "Susheela"
Near Khandoba Temple, Dharmabad,
Dist -Nanded :
Mobile :- 9421757130
E-mail :- agclbs@gmail.com
4. Date of Birth : 25/06/1967
5. Designation : Head, Department of Electronics
6. Subject : Physics & Electronics
7. Specialization : Electronics
8. a) Mother Tongue : Hindi
b) Languages Known :
 - 1) English :
 - 2) Hindi :
 - 3) Marathi :

9) Educational & Professional Qualification :

Exam. Passed	Board/ University	Subjects	Year of Passing	Percentage
Ph.D. / M.Phil.	Dr B A M U, Aurangabad	Physics	Oct.2002	
NET / SET				

M.A. / M.Com. / M.Sc. / other	M U, Aurangabad	Physics	1990	56.1
B.Ed. / M.Ed. /				
B.A. / B.Com./ B.Sc.	M U, Aurangabad	Physics Electronics, Chemistry	1988	61.89
H.S.C.	H S C Board, Aurangabad	Hindi, English,Math. Physics, Chemistry	1985	58.17
S.S.C.	S S C Board, Aurangabad	Hindi, English, Marathi,Soc. Sci, Math. Science	1983	81.29

10. a) M.Phil Topic :

b) Ph.D. Topic : Spatial Distribution of Densities of Electronic States and Ions in the He-Cd⁺ Laser Discharge

11. Appointment Date : 08-08-1990

12. Date of Retirement : 30-06-2027

13. Teaching Experience : 33 years

Sr. No.	Name of Institution	Subject Taught	Level (UG/PG/M.Phil)	Period of Working
	L B S Mahavidyalaya, Dharmabad	Physics	UG	1990 to till date
	L B S Mahavidyalaya, Dharmabad	Physics	PG	1992 to 2022
	L B S Mahavidyalaya, Dharmabad	Electronics	UG	1990 to till date

14. Research Experience : a) M.Phil. : Years -----
b) Ph.D.: Year -----

15) Ph.D. Students:

Sr. No.	Name of the student	Status (Ongoing / Awarded)	Registered year	Awarded Year

16) M.Phil. Students:

Sr. No.	Name of the student	Status (Ongoing / Awarded)	Registered year	Awarded Year

17. Orientation/Refresher Course Attended . -

Sr. No.	Name of the Programme	Place	Period	
			From	To
1	Orientation Course	UGC-ASC, M U, Aurangabad	18-05-1192	11-06-1192
2	Refresher Course	UGC-ASC University of Pune	24-12-1996	20-01-1997
3	Refresher Course	UGC-ASC Dr B A M U Aurangabad	03-08-1999	30-08-1999
4	Refresher Course	UGC-ASC Dr B A M U Aurangabad	27-01-2007	15-02-2007

8. Conferences / Seminars Attended: -

Sr. No.	Theme of conference / seminar	Level (Regional / State / National / International)	Place	Month & Year	Title of the paper presented (if any)
1	ICT Tools foe effective Teaching Learning	State	SRT MU, Nanded	May 2020	
2	Educational Video Creation:- E- Content Development	State	Sengon	May 2020	
3	NEP-2020	Regional	SRT MU, Nanded	Aug. 2023	
4	One day national workshop on Lab Experiments in Physics	Regional	Science Colle	Jan 2019	

			ge, Nanded		
5	Scope of UG & PG Syllabus as per NEP 2020	Regional	Science College, Nanded	Oct 2023	

19. Workshop Attended: -

Sr. No.	Theme of Workshop	Level (Regional / State / National / International)	Place	Month & Year

20. Published Papers in Journals (Please attach separate sheet if necessary)

Sr. No.	Title of paper	Name of Journal, Place	Month & Year	ISSN No.	State / National / International	Peer Re-viewed. / Impact Factor	Sole / Co-author
1	Recombination of ionic species in the laser discharge as a function of electron temperature	JETIR Volume 6 Issue 4	April 2019	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
2	Study of fractional abundance of different ionic species in the He-Cd ⁺ laser discharge	JETIR Volume 6 Issue 4	April 2019	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
3	Spatial distribution of ionic species in the He- Cd ⁺ laser discharge	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author

4	Various ionization processes and ionization rate coefficients in the He- Cd ⁺ laser discharge	JETIR Volume 6 Issue 5	April 2019	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
5	Study of Electron impact excitation rate coefficients of laser states in the He- Cd ⁺ laser discharge as a function of electron temperature	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
6	Ionization rate coefficients of different ionic species in copper vapour laser discharge as a function of electron temperature	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
7	Densities of different ionic species in the copper vapor laser discharge as a function of electron temperature	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
8	Inversion lifetime of copper vapour laser transitions	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
9	Electron impact excitation rate coefficients of laser states in the copper vapour laser discharge as a function of electron temperature	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
10	Output power of Copper vapour Laser as a function of electron temperature	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Co- author
11	Radial distribution of copper atom and singly ionized copper ions in the discharge tube of CVL for various electron temperature on the axis	JETIR Volume 6 Issue 5	May201 9	ISSN- 2349- 5162	National	Peer Re- viewed Impact factor 5.87	Sole author

12	Power distribution across the output laser beam for different temperature on the axis of the discharge tube	JETIR Volume 6 Issue 5	May2019	ISSN-2349-5162	National	Peer Reviewed Impact factor 5.87	Sole author
13	Microwave Dielectric measurement of Binary mixtures of Diethyenetriamate in n- Butyl Alcohol at constant temperature.	Bionano frontier, Vol.8(3), ,	Dec.2015	ISSN 0974-0678	International		Co-author
14	Possibility of population inversion in Astrophysical as well as in Toamak Plasma due to process of excitation by electron collision and recombination	Current Golble Reviewer	Special Issue	ISSN 2319-8648	International		Co-author
15	Ionization rate Coefficients of Different Ionic Species in Copper Vapour Laser as a function of Electron Temperature	International Journal of Scientific research in Science & Technology, Vol.-11, Issue-9	Feb.2024	ISSN: 2395-602X	International		Co-author

21. Publication: Chapter / Articles / Preface in Books
(Please attach separate sheet if necessary)

Sr. No	Title of chapter / article	Page No.	Book title, editor & publisher	ISBN No.	Month & Year
	NA		NA		

22. Books Published as single / co-author / editor:

Sr. No.	Title of Book	Publisher Name, Place	ISBN No.	Sole / Co author / Editor	Month & Year
1	Advanced Physics	National Publisher	ISBN: 9781-945174-0-5	Co-author	2019

23. Research paper / article in Conference Proceedings / souvenir:

Sr. No	Title of research paper / article	Publication / Place	ISSN /ISBN No.	Sole / Co-author	Year
1	Possibility of population inversion in Astrophysical as well as in Toamak Plasma due to process of excitation by electron collision and recombination	Current Golble Reviewer KumarSwami Mahavidyalaya, AUSA, Dist: Latur	Special Issue ISSN 2319-8648	Co-author	2017
2	Ionization rate Coefficients of Different Ionic Species in Copper Vapour Laser as a function of Electron Temperature	International Journal of Scientific research in Science & Technology,	Vol.-11, Issue-9 ISSN: 2395-602X	Co-author	2024

24. Research Projects

(i) Completed Projects, (ii) Ongoing Projects

Project Type (Major / Minor)	Title	Funding Agency	Period (From - to)	Amount (Rs. Lakh)	Status (Ongoing / Completed)	Year of Sanction	Year of Completion
NA							

25. Invited Lectures and Chairmanships at national or international conference/seminar, etc. (Please attach separate sheet if necessary)

Sr. No.	Invited as (Resource Persons / Session Chairman / Chief Guest)	Lecture topic	Title of Conference / Seminar/ Symposia / Event / Activity	Organized by	Level (International / National / State Regional / Local)
	NA				

26. Participation in University Bodies and Position held:

Sr. No	Name of the Committee(s)	Name of the Institution	Position Held (Chairman / Member)	Period	
				From	To
	NA				

27. Membership of Professional Bodies & Position Held:
(Other than university)

Sr. No	Name of the Body	Position Held	Period	
			From	To
	NA			

28. Awards / Prizes & Honours : NIL
(Local/University/Regional/State/National/International/Level)

25. Publication in Magazines & Newspaper: NIL

Sr. No	Title	Newspapers/ Magazines	Place of Publication	Month & Year Publication
01				

26. Examination Works:

Sr.No.	Nature of work (C.S./ J.C.S. / Understudy / Invigilator / examiner)	Period (From - to)
	Invigilator	From 2018-2024
	Examiner	From 2018-2024

28. Study Tour organized: - NIL

Sr.No.	Tour destination	Period (From - to)

29. College Committees:

a) Working:

Sr. No	Name of the Committee	Position Held	Period (From - to)
1	NEP 2020	Nodal Officer	24-01-2023 to onwards
2	IDP	Coordinator	March 2023 to onwards
3	Time table	Chairman	June 22 to onwards
4	Admission committee	member	

b) Worked:

Sr. No	Name of the Committee	Position Held	Period (From - to)
1	NAAC	member	
2	IQAC	member	
3	UGC	Coordinator	

30. Any other information:

Date: 19/03/2024

Signature

Place: Dharmabad

Dr A G Chawhan