

Faculty Profile



Name : **Dr. Dhanraj Baliram Bobade**

Qualification : M. Sc. (Applied Electronics), Ph. D

Designation : Professor

College : Shri Shivaji Science & Arts College, Chikhli

Address : Yeshwant Niwas, Sundarkhed, Botha Road,
Buldana

Cell No. : 9850382338

E-Mail : dhanrajbobade@ gmail.com.

Date of Birth : 19/05/1963

Date of joining : 02/09/1987

Nationality : Indian

Examination passed	College/ Institute	Board/ University	Subject/ Specialization	Year of passing	Division/ Grade
S.S.C.	R. G. Deshmukh Krushi Vidyalaya Chandas Wathoda Dt. Amravti	Nagpur	Eng,Mar,Math,Sci,H is,Geography,Hindi	1979	II
H.S.S.C. (10+2)	Mahatma Fuly Mahavidyalaya Warud Dt. Amravti	Nagpur	Eng,Mar,Math,Phy, Che,Bio	1981	II
B.Sc.	Mahatma Fuly Mahavidyalaya Warud Dt. Amravti	Nagpur University	Eng,Mar,Math,Phy, Che	1985	I
M.Sc.	Government Engg. College, Amravti	Amravati University Amravati	Applied Electronics	1987	I

Ph.D.	S. G.B. Amravti University Amravti	Amravti University Amravti	Analysis of Nonlinear Loss Parameters of Fiber Optics	20 Oct. 2020	Awarded
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Academic Qualification Details :

Experience Teaching :34Years

Research :08Years

RESEARCH PROFILE

1. Research Papers published in journals:

Sr. No	Title	Name of Authors as mentioned in paper	Journal, Vol. No., Page No. Year	Impact Factor if any	ISSN/ ISBN No.
1	Opportunities & challenges to Implement cloud computing & IOT for Smart Cities in India	Dr. C.M. Jadhao, Deepali P. Patil Dr. D.B. Bobade	Vol-5, Issue 9 pp. 88-92 2017-18)	5.837	ISSN 2321- 8169
2	Arduino based function Generator	Dr. D. B. Bobade, Mr. R. D. Bobade	Vol-5, Issue 9 Sept 2017	5.837	ISSN 2321- 8169
3	Simulation of Splice & Bending Losses in Fiber optics technology	Dr. D. B. Bobade, Dr. C. M. Jadhao	pp. 135-140 (2018-19)	6.261	ISSN- 2348- 7143
4	Health prediction pollution exposure monitoring using pollution sensor	Dr. D.B. Bobade	pp.-136-140	6.035	ISSN- 2454- 4248
5	Simulation of Material losses in SMD fiber	Dr. D.B. Bobade	pp. 07-10	6.035	ISSN- 2454- 4248
6	OFDM based Cognitive radio network for spectrum monitoring using energy ratio algorithm	Dr. D.B. Bobade	pp. 19-22 (2019-20)	6.035	ISSN- 2454- 4248
7	Intrinsic perturbation by thermal stress by Birefringence & PMD	Dr. D. B. Bobade, Dr. C. M. Jadhao.	pp. 1375-1381	0.410	ISSN 2005- 4238
8	Comparative PMD ensemble & spectral simulation of fiber	Dr. D. B. Bobade, Dr. C. M. Jadhao.	pp.1367-1374	0.20	ISSN 2005- 4297

9	Simulation of Linear Array Transducer With Continuous Wave Excitation In Homogenous Medium	Dr. S. A. Rodge Dr. Y. B. Gandole Dr. D. B. Bobade	pp. 136-140		ISSN-2349-8226
10	Role of IQAC In Improving Quality In Higher Education	Dr. D. B. Bobade	Vol-7 Issue-1	0654	ISSN-2454-4930

2. Full Papers in Conference Proceedings:

Sr. No.	Name of Conference	Level	Title of Paper	Name of Authors as mentioned in paper	Place & Date	ISSN/ ISBN No.
1	National Conference on Human Rights,	National	Human Rights & Need of Eight step Model in India pp 172-174	Dr. R.U. Burange Dr. D.B. Bobade	11 Feb. 2012 Chikhl i	978- 93-81171-62-2
2	National Conference on Human Rights	National	Humam Rights & Ethics pp 246-247	Dr.M.B.Bo bade Dr. S.V.Satpute , Dr.U.E.Cho udhari, Dr. D.B. Bobade	11 Feb. 2012 Chikhl i	978- 93-81171-62-2

3. Papers presented in Conferences / Seminar / Symposia /Workshop:

Sr. No.	Title of Paper	Title of Event	Level	Date	Organizer
1	Synthesis,characterization & Conductivity Studies of 3 – bromopolipyrrole/ y ₂ o ₃	National Conferences on Materials,Atom to Molecule	National	16 Dec. 2011	Shivaji Science College Nagpur
2	Synthesis,characterization & Conductivity Studies of 3 – bromopolipyrrole Thin films	National Conferences on Recent trends in Materials Synthesis characterization	National	17 Dec. 2011	Bhalerao Science College Saoner
3	Economical development & Health Problems in tribal region	UGC sponsored National interdisciplinary Conferences on Problems of project affected people & Human Right	National	11 Feb. 2012	Shivaji Science & Arts College Chikhli
4	Mirror approach to Humen Problem in social & educational field in terms of Saving group.	National interdisciplinary Conferences on a mirror approach to women Problems	National	13 Jan. 2013	Shivaji Science & Arts College Chikhli
5	Study of gas Sensor system using Embedded Technology	National Conferences on Recent trends in Software development	National	Feb. 2013	Moolji jeitha College Jalgaon
6	Study effect of e- waste on environment & various disposal methods	National Conferences on Recent initiatives on green Electronics	National	8,9 Feb. 2013	BrijlalBiyani College, Amravati
7	Scenario & Approach of E- waste management in India	National Conferences on Recent initiatives on green Electronics	National	--	BrijlalBiyani College, Amravati
8	Simulation of linear array transducer with continuous wave excitation in Homogeneous medium	National Conferences on Recent advances in wireless sensor network & its application	National	12,13 Dec. 2013	S. M. Mahavidyalaya Akuj Dist. Solapur
9	Study the use of electrodes in biomedical Science	National Conferences on biomedical instrumentation	National	04 Feb.2017	Kamala nehru mahavidyalaya Nagpur
10	Embedded system for temperature control in green house	U.G.C. Sponsored National seminar on mechatronics	National	25 March 2017	Brijlal biyani mahavidyalaya Amravati
11	Study of Boood Pressure using Embedded technology	U.G.C. Sponsored National seminar on mechatronics	National	25 March 2017	Brijlal biyani mahavidyalaya Amravati
12	Ardino based function generator	National conf. on recent innovations in science and engg.	National	16 Sept. 2017	Mauli College of Engineering Shegaon

13	Opportunities & Challenges to implement cloud computing & IOT for smart cities in India	National Conferences on Recent innovation in science and engg.	National	2017	Mauli group of institution Shegaon
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4. Conferences / Seminar / Symposia / Workshop Attended:

Sr. No.	Theme	Level	Date	Organizer
1	National Seminar on IT, Current trends	National	22 to 24 January 2000	Department of Computer Science & Engg., Amravati University, Amravati
2	State level Seminar on Autonomy difficulties and measures	state	15 Oct. 2000	S.A. College, Akola
3	National Conference on recent trends in Composites by UGC	National	28 Feb. to 2 nd March 2001	Department of Physics, Shivaji Science College, Amravati
4	Amravati University Student Seminar in Electronics	National	20 Feb. 2002	G.S. College, Khamgaon
5	National Seminar on Science and Technology of Thin films by UGC	National	16 & 17 Oct. 2004	Rajarshi Shahu Mahavidyalay, Latur
6	Workshop on Upgradation of Curriculum	University	20 March 2005	Amravati University Electronics Teacher Association and Biyani College, Amravati
7	University level workshop on Post Accreditation Policy Planning	University	23 Oct. 2004	Vidyabharti Mahavidhyalaya, Amravati
8	UGC Sponsored workshop on Development and Implementation of question bank of SGB Amravati University	university	30, 31th March 2007	SGB Amravati University Amravati,
9	Regional level Workshop on advances in Electronics on advances in Electronics	Regional	22 Jan. 2008	Brijlal Biyani College, Amravati
10	Workshop on Impedance analyser	university	9 Feb. 2010	SGB Amravati University Amravati
11	National seminar on Current trends in Physical Sciences and Electronic research	National	28 March 2010	Shri Shivaji College, Akola
12	National Conferences on Developing frontiers of Physics, Astronomy and space science	National	24 & 25 Sept. 2010	RLT College, Akola
13	Workshop on PBAS by UGC	University	21 April 2011	Brijlal Biyani College, Amravati
14	Workshop on API under CAS	University	8 July 2011	SPM College, Chikhli
15	National Conference on Materials, Atoms to Molecule	National	16 Dec. 2011	Shivaji Science College, Nagpur

16	National Conference on Recent trends in Material Synthesis and Characterization	National	17 Dec. 2011	Bhalerao Science College, Saoner
17	Regional level Workshop on Reform on syllabi and examination on Electronics Science	university	22 Apr. 2012	Brijlal Biyani College, Amravati
18	Workshop on Scope and limitation of electronics Syllabus	university	1 Sept. 2012	Amolakchand College, Yavatmal
19	U.G.C. Sponsored State level seminar on recent development in embedded technology	university	21,22 Dec. 2012	KBP Mahavidhyalaya, Pandharpur
20	U.G.C. Sponsored National interdisciplinary conf. on probals of project affected people and human rights	National	11 feb. 2012	Shri Shivaji College, Amravati
21	Workshop on IQAC	University	23 March 2014	Brijlal biyani mahavidyalaya Amravati
22	National conf. on recent initiatives towards green electronics	National	8,9 Feb. 2013	Shri Shivaji College, Nagpur
23	National conf. on recent advances in electronics and computer science	National	23, 24 Jan. 2014	Shri Shivaji College, chikhli
24	U.G.C. Sponsored 7 days short terms course on human right	National	22 Oct.-3Nov. 2015	S.M. Mahavidyalaya Akluj Dist. Solapur
25	National conf. on recent advances in wireless sensor network and its application	National	12,13 Dec.2014	Shri Shivaji College, Amravati
26	U.G.C. Sponsored National seminar on mechatronics	National	25 March 2017	Brijlal biyani mahavidyalaya Amravati
27	1 day workshop on research methodology and prespective	University	26 Nov. 2016	Vidya Bharati Mahavidyalaya Amravati
28	National conf. on recent innovations in science and engg.	National	16 Sept. 2017	Mauli group of institution Shegaon
29	National conf. on recent advances in science and engg.	National	27 Oct. 2018	Mauli group of institution Shegaon
30	National level workshop on e-Governance	National	21 Feb. 2018	Shri Shivaji College, chikhli
31	National conf. on recent trends in synthesis and characterisation of futuristic material	National	13 Jan. 2018	B.S. College Sakherkherda
32	National conf. on biomedical instrumentation	National	2017	Kamala nehru mahavidyalaya Nagpur
33	2 days state level workshop on e-content development	state	3,4 Oct. 2018	Shri Shivaji College, chikhli
34	Workshop on discussion of syllabus restructuring as per UGC guidelines	University	19 Feb. 2019	Brijlal biyani mahavidyalaya Amravati
35	1 day state level seminar on unnat bharat abhiyan	University	11 March 2019	Model degree college Buldana

36	International e Conference on Strategies and challenges in Higher education during Covid 19 lockdown period.	International	17 May 2020	G.V.I.S.H. Amravati
37	International online workshop on Nanomaterial synthesis is emerging facet of the world	International	20 May 2020	Late Pushpadevi Patil College, Risod, Dist.- washim
38	International online Seminar and workshop on New Challenges and Opportunities in Physical education.	International	25-28 May 2020	Shri Shivaji College of Physical education, Amravati
39	National level webinar on worklife balance in the time of covid	National	12 June 2020	Brijlal Biyani Science College, Amravati
40	National level webinar on Cyber security SECURITY in present scenario	National	4 June 2020	RLT College, Akola
41	National level webinar on Disaster Management	National	27-29 June 2020	RLT College, Akola
42	National e Conference on Smart material and nanotechnology	National	30 May 2020	Kamla Nehru Mahavidyalaya, Nagpur
43	National e Conference on biomedical instrumentation	National	21 May 2020	Kamla Nehru Mahavidyalaya, Nagpur
44	National Workshop on new advances in teaching and learning methods,	BAMU, Aurangabad	24 Jan. 2020	Rajashri Shahu College Pathri, Phulambri Dist.-Aurangabad
45	NAAC awareness Webinar	Amravati Region	24 June 2020	G. S. College Khamgaon
46	Covid-19 Awareness Programme Quiz	College	22 April 2020	Shri Shivaji Science and Arts College, Chikhli
47	Intellectual Property Rights: Problems Identification and Proposal Writing	University	16 June 2020	H. V. P. Mandal's Autonomous College Amravati
48	Covid-19 Awareness Programme	College	22 May 2020	Shri Shivaji Science and Arts College, Chikhli
49	Basic Yogic Exercise	University	22 May 2020	B. S. Patel College, Pimpalgaon Kale Dist.-Buldana
50	Reading Habit Quiz during Lockdown on World Book Day	University	23 April 2020	Dr. H. N. Sinha College, Patur Dist.-Akola
51	Awareness Quiz Campaign Fight Against Covid-19	University	26 April 2020	Mahatma Fule Mahavidyalaya, Warud Dist.-Amravati
52	Quiz on Economical Status due to Covid-19	University	03 May 2020	Shri Shivaji Science and Arts College, Chikhli
53	Physics Quiz	Univeristy	22 May 2020	Jijamata Mahavidyalaya, Buldana
54	Electronics Quiz	University	05 June 2020	GVISH, Amravati

55	Quiz on NAAC Revised Accreditation Framework	University	10 June 2020	Dr. Ambedkar College College, Chandrapur
56	International Webinar on Changing Global Scenario After Covid-19	International	18 July 2020	Gov. College, Rajpur Dist.- Balrampur, Chhattisgarh
57	International Webinar on Human Civilization due to effect of Pandemic	International	25 July 2020	Rajiv Gandhi Gov. College, Ambikapur, Chattisgarh
58	National level webinar on recent Advances in Nanotechnology	National	08 August 2020	Shri Shivaji Science and Arts College, Chikhli
59	National Webinar on Career Opportunities in Physical and Mathematical Sciences	National	29 July 2020	Shri Shivaji Science and Arts College, Chikhli
60	National Webinar on the Art of writing: an Effective Research Paper	National	27 July 2020	Arts, Commerce and Science College, Onde Dist.- Palghar
61	National Webinar on Birds Flowers and Flowers Birds	National	28 July 2020	Shri Shivaji Science and Arts College, Chikhli
62	National FDP on An effective E-content Development Tools	National	29-30 July 2020	S. P. M. College, Chikhli
63	Webinar on Cyber Security	University	09 July 2020	Shri Shivaji Science and Arts College, Chikhli
64	Webinar on Role of Recent Electronics Technology	State	29 Sept. 2020	Vidyabharti Mahavidyalaya Amravati
65	Webinar on Population and Emerging issue of Development	National	07 August 2020	Arts, Commerce and Science College, Onde Dist.- Palghar
66	Webinar on Know Yourself (Personality Development)	National	09 August 2020	Arts, Commerce and Science College, Onde Dist.- Palghar
67	National E-conference on Interdisciplinary Recent Research Trends	National	03-04 July 2020	R. R. Lahoti College, Morshi Dist.- Amravati
68	E-conference on Reforms and Benchmarks in NAAC Accreditation-2020 Onwards	National	08 Jan. 2021	Kamla Nehru Mahavidyala, Nagpur
69	Workshop on Woman Empowerment	University	04 Jan. 2021	Shri Shivaji Science and Arts College, Chikhli

5. Invited Lectures & session Chairmanship:

Sr. No.	Title	Academic Session	Event	Level	Date	Organizer
1	Chair Person for one day National Conference (NCRDFMDS-2018)	2017-18	National conference on Recent trends, synthesis and Characterization of futuristic material in sciences.	National	13 Jan. 2018	Late B.S. College, Sakharkherda.
1	Resource Person on the occasion of Inaugural Function of Political science study circle	2014-2015	Inaugural Function of Political science study circle	College Level	14 Oct-2014	Shri Shivaji College Motala, Dist-Buldana
2	Chair Person for one day National Conference (NCCLIST-2019)	2018-19	National conference on contemporary innovation in library and information technology.	National	24 April 2019	Late B.S. College, Sakharkherda
3	Chair Person for one day International Conference	2019-20	International Conference on recent trends in Advanced material.	International	6 July 2020	Late B.S. College, Sakharkherda
4	Internal Jury Member in state level Poster Competition	2019-20	State level Poster competition on Energy awareness and Environmental conservation.	State Level	12 March 2020	Shri Shivaji Science & Arts College, Chikhli
5	Guest Lecture	2016-2017	Guest Lecture for B.Sc Phy and Electronics Students	College Level	27 Nov 2016	Late B.S. College, Sakharkherda
6	Guest Lecture	2017-2018	Guest Lecture for B.Sc Phy and Electronics Students	College Level	20 Aug 2017	Late B.S. College, Sakharkherda
7	Guest Lecture	2018-2019	Guest Lecture for B.Sc Phy and Electronics Students	College Level	24Feb 2019	Late B.S. College, Sakharkherda

8	Guest Lecture	2019-2020	Guest Lecture for B.Sc Phy and Electronics Students	College Level	23Feb 2020	Late B.S. College, Sakharkherda
9	Guest Lecture	2020-21	Guest Lecture for Staff and Students of Electronics	University	08 June 2021	Late B.S. College, Sakharkherda

ining Courses, Teaching-Learning-Evaluation Technology Programmes, Faculty Development Programmes (not less than one weekduration)

Sr. No.	Programme	Duration	Organized By
1	Orientation Course	06/11/1989 to 31/11/1989	ASC ASC Nagpur University Nagpur
2	Refresher Course	06/05/1996 to 22/05/1996	Amravati University Amravati
3	Refresher Course	15/02/1999 to 10/03/1999	ASC Nagpur University Nagpur
4	Refresher Course	05/06/2000 to 28/06/2000	Amravati University Amravati
5	Short Term course	28/10/2015 to 03/11/2015	UGC & SSC Chikhli
6	Short Term course (online)	04/08/2020 to 12/08/2020	RTM Nagpur University Study Center

2. Articles/Chapters published inBook:

Sr. No.	Title & Page No.	Book Title, Editor & Publisher	ISSN/ISBN No.	Authors	Whether Main authors
1	Human Rights & Need of Eight step Model in India pp 172- 174	Human Rights Dr. N.B. Bhusari, Dr. G. G. Malte, Dr. J. J. Jadhao Atharva Publication	978- 93-81171-62-2	02	--
2	Humam Rights & Ethics pp 246-247	Humam Right Dr.N.B.Bhusari, Dr. G. G. Malte, Dr. J. J. Jadhao Atharv Publication	978- 93-81171-62-2	04	--

3. Events Organized:

Sr. No.	Events	Level	Funded By	Date	Position
1	Welcome and Inauguration of Electronic Association, Induction Program for BSc.I Students	College	Self	8 Oct. 2016,13 Aug. 2016,13 Sept.2017 ,13 Oct.2018, 13 Dec. 2019, 21 Jan.2021	Coordinator
2	Guest Lecture by Dr. C.M. Jadhao, Principal, Mauli College of engineering, Shegaon	College/ University	Self	20 Feb. 2021	Coordinator
3	National Workshop on electronics devices and components	National	Self	06 Aug. 2021	Coordinator
4	Guest Lecture on opportunities after graduation, Digital signal Processing,Basic of Semiconductor Materials,Photography, Research Methodology	College	Self	11 March 2016,13 Aug. 2016,13 Sept. 2017,13 Oct.2018, 13 Dec.2019	Coordinator

4. Special Achievement:

Awarded Ph.D. degree in Electronics by SGB Amravati University, Amravati (Oct.2020)

5. Other Memberships :

- 1) Secretary of SGB Amravati University, Electronics Association
- 2) Life member of Society for Promotion of excellence in electronics discipline (SPEED) Pune.
- 3) Life Member of Indian Science Congress Association, Kolkotta
- 4) Life member of NUTA
- 5) Ex President of Salary earners Society, Chikhli.
- 6) Member of the Board of Studies in Electronics SGB Amravati University.
- 7) Organizing committee member for National Conference on NCRTFMDS-2018.
- 8) Organizing committee member for International Conclave on ICETIRDHE-2018.
- 9) Organizing committee member for International Conference on ICRTAM-2020.
- 10) Organizing committee member for National Conference on NCCCLIST2019.