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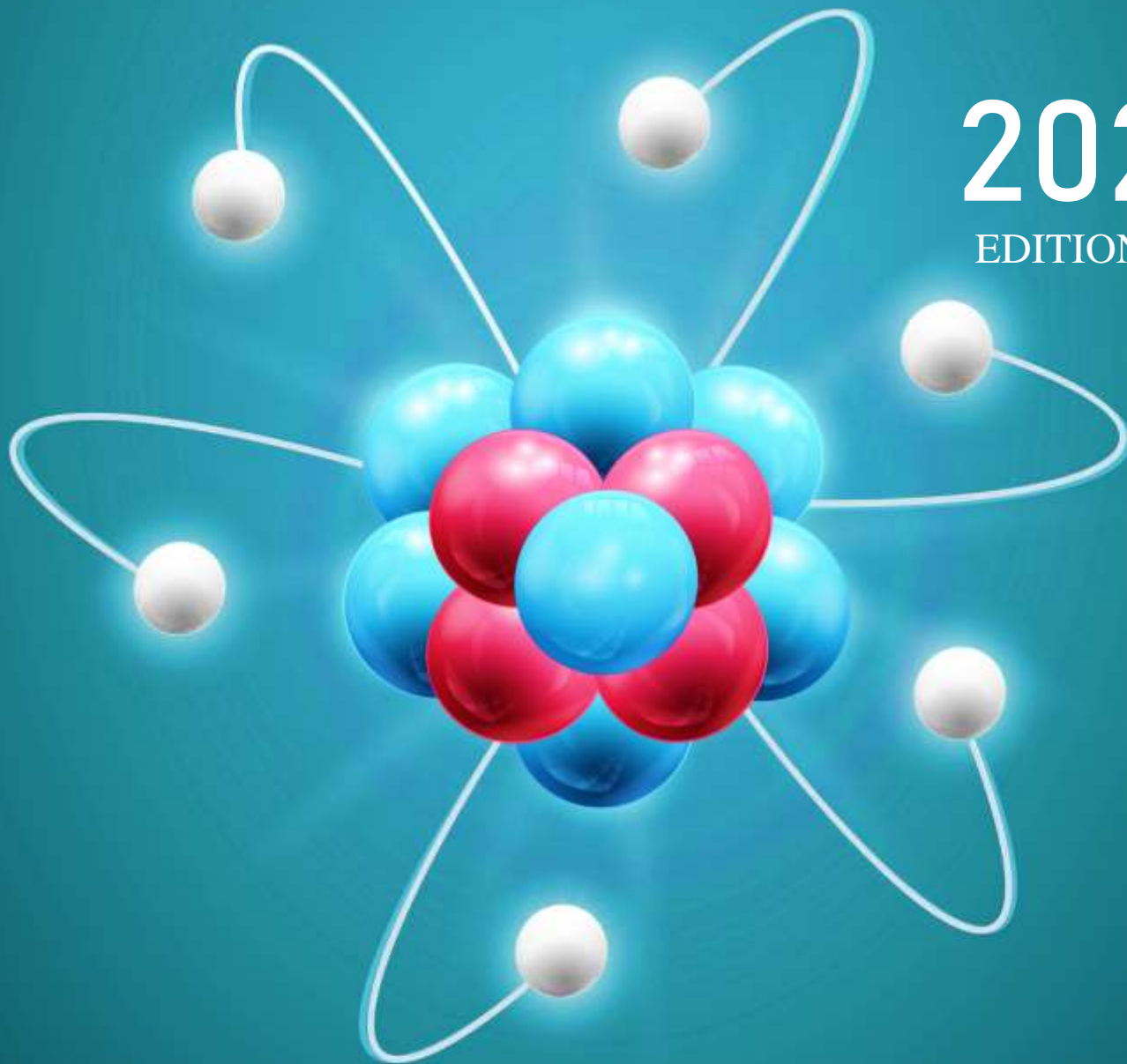
Anandrao Dhonde Alias Babaji Mahavidyalaya,
(Arts, Commerce & Science)

Kada, Tal. Ashti, Dist. Beed (MS) - 414 202

PHYSICS

2023

EDITION ONE



Departmental Profile

Faculty Profile



Dr. Raghunath Gopinath Vidhate

Qualification: M.Sc., M.Phil., Ph.D.

Designation: Assistant Professor & HOD

Specialization: Electronics

Research Ares: Material Science

Research Guide: Dr. B. A. M. University, A'bad

Email ID: rgvidhate@rediffmail.com

Mobile No: +91 9422930120

Mr. Kiran Harishchandra Katke

Qualification: M.Sc. NET.

Designation: Assistant Professor

Specialization: Electronics.

Research Ares: Antenna

Member BOS: MGM University, Aurangabad

Email ID: katkekiran@gmail.com

Mobile No: +91 9272711987



Mrs. Kanchan Pandurang Dhonde

Qualification: M.Sc. SET

Designation: Assistant Professor

Specialization: Nuclear Physics

Email ID: dhondekp@gmail.com

Mobile No: +91 9420396436

History of the Department:

The Department of Physics started its activity in 1990 and there is no looking back since then. College is located in rural area; the department was started with the intention of giving rural students in and around Kada access to science and technological education. From its establishment, The department has made contributions to numerous curricular and co-curricular activities. Dr. S. R. Nimbore, Mr. R. M. Zagade & Dr. R. G. Vidhate worked for the progress & development of the department under the guidance of Principal Dr. H. G. Vidhate & Management Committee. Former HOD Dr. S. R. Nimbore was working as Head of department since 1990 up to 2007. From 2007 to till now Dr. R. G. Vidhate taking the charge as HOD of the department. For the overall development of the faculties of the department are actively participating in various conferences, seminars, workshops. Dr. S. R. Nimbore completed his Ph.D. on 11 Aug. 2005. Dr. R. G. Vidhate actively participated in his research and got his M.Phil. On 30th March 2009, & his Ph.D. on 26th December 2011.

Dr. S. R. Nimbore joined as a Principle in ACS College, Ashti on sept.2007 and on 10th December 2002 Mr. Zagade R.M. dead accidently. Mr. K. H. Katke newly joined the department on 06 April 2016. Department had tried for all-round development of the students by organizing Study Tours, Seminars, Exhibitions, Circuit Building & Community Services through N.S.S. Dr. R. G. Vidhate was N.S.S. Program Officer from Aug. 2018 to Sept. 2021 and achieved Best Program Officer award of University. Our student Privin Atole got the State level first award of NSS Best Volunteers and CORONA Yoddha award achieved under the Supervision of Dr. R. G. Vidhate.

Scope and Importance of the Subject:

Physics is a very vast subject. The scope of physics deals with the magnitude of physical quantities like energy, mass etc. The scope of physics is best understood under the three disciplines Microscopic, Mesoscopic and Macroscopic phenomena. This phenomenon takes place at the molecular or atomic level.

Physics is the study of energy, matter, and their interactions. It's a very broad field because it is concerned with matter and energy at all levels—from the most [fundamental particles](#) of matter to the entire universe. Some people would even argue that physics is the study of everything! Important concepts in physics include motion, forces such as magnetism and gravity, and [forms of energy](#) such as light, sound, and electrical energy.

Vision:

To set high standards of comprehensive education by developing the intellectual strength of students and guiding them towards Scientific and technical excellence.

Mission:

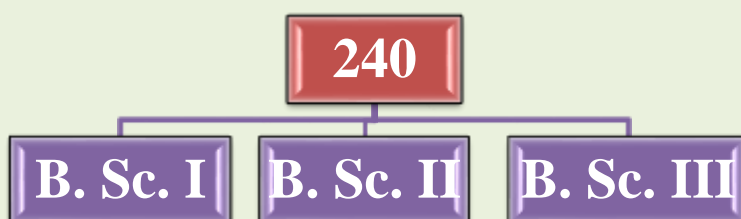
To Impart Quality Education and Achieve Academic Excellence Through Planning, Leadership, Brilliance, Inspiration and Effectiveness. To enrich the principles of physics through which the capability of understanding the core subject is made easier for a graduate student.

Objectives:

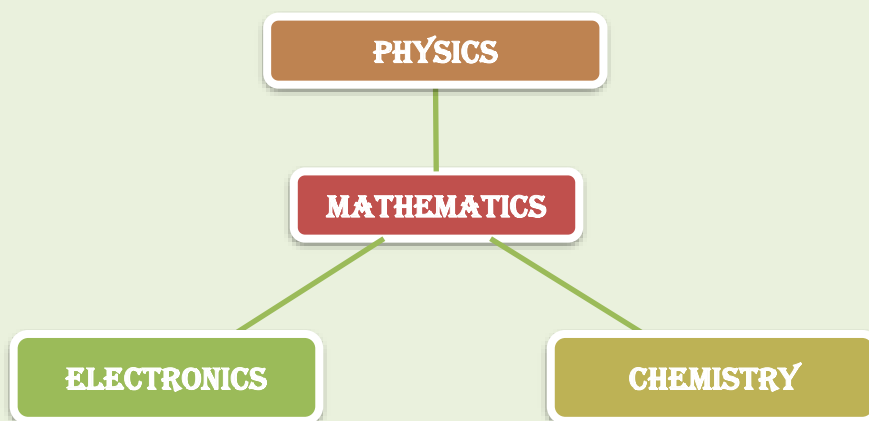
To create a community who can . . .

- Feel the enjoyment of physics in common life experience and use the laws of physics to solve day – to – day as well as critical problems.
- Get insight into the processes of life.
- Understand the nature of science.
- Qualitatively analyze and solve problems.
- Gain the ability to think critically.

Departmental Intake capacity:



Options available for students to select the group with Physics:



1) **Physics - Mathematics - Electronics**

2) **Physics - Mathematics - Chemistry**

Course Structure:

Course Name	Duration	Admission Criteria	Class	Syllabus Link
Physics	3 Years	12 Science	B. Sc. I year	http://www.bamu.ac.in/Portals/0/R-B_Sc-physics-cbgs-22-23.pdf
			B. Sc. II year	http://109.73.164.202/~bamuacin/syllabus/2014_15/Science/40.pdf
			B. Sc. III year	http://109.73.164.202/~bamuacin/syllabus/2015_16/Science/26.pdf

Certificate/Value Added courses run by department:

Name of Course	Year of implementation	Duration	No. of student beneficiary
Repair and Maintenance of Home Appliances	2021-22	2 month	24

Total Number of Physics Book in Library: 640

- 1) Reference Books : 379
- 2) Test Books : 261

Departmental Time-Table:

Period	Time	Mon.	Tue.	Wed.	Thur.	Fri.	Sat.
1.	9:10 To 10:00	B. Sc. I TH –I+IV K.H.K.	B. Sc. I TH – I+IV K.H.K.	B. Sc. I TH– I+IV K.H.K.	B. Sc. I TH –II+V D.K.P.	B. Sc. I TH- II+V D.K.P.	B. Sc. I TH- II+V D.K.P.
2.	10:00 To 10:50	B. Sc. III TH- XVI+XX R.G.V.	B. Sc. III TH- XVI+XX R.G.V.	B. Sc. III TH- XVI+XX R.G.V.	B. Sc. III TH- XV+XIX K.H.K.	B. Sc. III TH- XV+XIX K.H.K.	B. Sc. III TH- XV+XIX K.H.K.
3.	11:00 To 11: 50	B.Sc. II TH – VII+XI D.K.P.	B. Sc. II TH – VII+XI D.K.P.	B. Sc. II TH – VII+XI D.K.P.	B. Sc. II TH – VIII+XII R.G.V.	B. Sc. II TH – VIII+XII R.G.V.	B. Sc. II TH – VIII+XII R.G.V.
PRACTICALS							
4.	02:00 pm To 05:00 pm (LAB-I)	B. Sc. I PR – III+VI Batch-A K.H.K	B. Sc. II PR – IX+XIII Batch-A R.G.V.	B. Sc. II PR – X+XIV Batch- B K.H.K	B. Sc. II PR – IX+XIII Batch-B K.H.K	B. Sc. III PR- XVII+XXI Batch-B R.G.V.	B.Sc. III PR – XVIII+XXII Batch-C K.P.D
5	02:00 pm To 05:00 pm (LAB-II)	B. Sc. I PR – III+VI Batch-B K.P.D.	B. Sc. III PR – XVII+XXI Batch-A K.P.D	B. Sc. III PR – XVIII+XXI I Batch-A R.G.V	B. Sc. II PR – X+XIV Batch- A R.G.V.	B. Sc. III PR – XVII+XXI Batch-C K.P.D	B. Sc. III PR – XVIII+XXII Batch-B K.H.K.

R.G.V. – Dr. R. G. Vidhate

K.H.K. – Mr. K. H. Katke

K.P.D. – Smt. K. P. Dhonde

Outcome based Education:

• Program Outcomes (POs)

- 1) To create, apply, and disseminate knowledge of Physics
- 2) To develop the ability to identify, formulate, analyze and solve problems
- 3) To enable students to apply ICT based skills and Software's
- 4) To encourage research culture
- 5) To develop the attitude to pursue further research
- 6) To inculcate academic and social ethics

• Program Specific Outcomes (PSOs)

- 1) Student can apply the knowledge of core concepts of physics
- 2) Students can reveal analytical skills and critical thinking
- 3) Students are capable enough to make use of ICT skills
- 4) Students are capable of sustaining subsequent academic progression
- 5) Ethical values in research are ensured

Category wise Student Strength (During Last Five Year)

Year	Class	Open		OBC		N.T.		S.C.		S. T.		SBC		Total		Grant Total
		M	F	M	F	M	F	M	F	M	F	M	F	M	F	
2021-22	I	39	07	23	02	26	02	03	00	01	00	00	00	92	11	103
	II	15	03	12	00	10	03	03	00	00	00	02	00	42	06	48
	III	37	07	20	01	03	03	01	00	00	00	00	00	61	11	72
2020-21	I	36	09	21	04	16	06	08	02	00	00	03	00	84	21	105
	II	50	10	25	05	10	09	05	02	00	00	00	00	90	26	116
	III	38	12	15	04	18	02	03	02	01	00	00	00	75	20	95
2019-20	I	56	16	25	06	14	10	08	01	00	00	00	00	103	33	136
	II	40	12	13	05	18	02	02	01	01	00	00	00	74	20	94
	III	33	04	10	09	14	03	02	02	00	01	00	00	59	19	78
2018-19	I	55	14	17	06	18	07	04	03	01	00	00	00	95	30	125
	II	36	06	13	10	09	04	03	03	00	01	00	00	61	24	85
	III	35	13	10	06	21	04	04	01	01	00	00	00	71	24	95
2017-18	I	66	08	18	08	14	04	05	02	00	01	00	00	103	23	126
	II	44	12	13	08	34	05	03	01	01	00	00	00	96	26	122
	III	41	12	08	06	18	03	06	01	00	00	00	00	73	22	95

Departmental Result (During last five years):

Year	Class	Semester	Students Appeared	Pass Class	Second Class	First Class	Distinction	% Result
2021-22	I	II	108	00	00	34	43	71.30
	II	IV	55	00	03	13	27	78.18
	III	VI	67	00	00	05	62	98.50
2020-21	I	II	95	00	21	29	00	52.63
	II	IV	111	04	07	20	46	69.36
	III	VI	90	00	00	25	46	78.89
2019-20	I	II	149	03	24	92	03	81.87
	II	IV	104	02	01	71	20	90.38
	III	VI	82	00	00	02	76	95.12
2018-19	I	II	131	05	50	50	03	82.44
	II	IV	94	00	01	64	11	80.85
	III	VI	100	00	00	52	45	97.00
2017-18	I	II	114	00	18	36	11	60.75
	II	IV	118	00	02	29	60	77.12
	III	VI	91	00	00	21	60	89.02

Laboratory Equipment:

Sr. No.	Laboratory Equipment's	Numbers	Sr. No.	Laboratory Equipment's	Numbers
1	Computers	2	14	P.N. Junction diode characteristic Kit	2
2	Printer	1	15	Spectrometer	4
3	CRO	2	16	Helmold's Galvanometer	1
4	Signal generator	2	17	Millikal's oil drop app.	1
5	Spectrometer	3	18	Thermocouple	1
6	Searle's viscometer	2	19	Ripples method App.	2
7	Inverters set	1	20	Dielectric constant in curie temperature. App.	1
8	Battery Eliminator	6	21	Poiseuilles Method App.	2
9	Dual power supply	2	22	Newton's Ring App.	1
10	Telescope	2	23	Earth Inductors	2
11	Regulated power supply	2	24	Thomson tube App.	1
12	Variable Power supply (Demo.)	2	25	Optical bench	2
13	Fixed power supply	2	26	Planks constant app.	1

Use of ICT for Teaching Learning Methodology:

Name of the Faculty	Type of ICT Developed/ Used		
Modules	Video	PPT	PDF
Dr. R. G. Vidhate	https://youtu.be/p0vM_00WBEY https://youtu.be/ebOtJsKOrSw https://youtu.be/C69BMiU1SRU https://youtu.be/qty7bSW7VhE https://youtu.be/QesmnqjjRUA https://youtu.be/JyE9UwTlSIw https://youtu.be/yHy4uNUvBFE	Yes	yes
Mr. K. H. Katke	No	yes	yes

Guest Lectures Arranged:

Sr. No.	Name of the Guest	Topic	Date
1	Dr. R.B. Kavade	Elasticity, X-Ray and Braggs X-ray Spectrometer, Origin of Quantum Theory Electromagnetic Waves and Its Application,	14.10.2017 18.01.2020 23.01.2021 27.01.2022
2	Dr. N.N. Waghule	Real Gas and Transport Phenomena, Crystal Structure in Solid Material, Electromagnetics and Gauss Law, Optical Fiber and Fabrication	10.02.2018 21.12.2018 16.03.2020 12.02.2022
3	Dr. J. M. Bhandari	Viscosity, Photoelectric Effects, LASER and Its Applications	16.12.2017 10.08.2019 23.04.2022
4	Dr. Y. B. Rasal	Semiconductor and Its Biasing, Modulation and Demodulation	25.08.2018 18.09.2021

Eminent Personalities visited:

Sr.	Name	Designation	Place
1	Prof. K. M. Jadhav	Sr. Professor	Dr. B. A. M. University, Aurangabad
2	Dr. Rohila Nathuram	Scientist	BARC Mumbai
3	Dr. S. R. Shitre	Principal	Y. C. College Tuljapur
4	Dr. C. M. Kale	Associate Prof.	Indraraj college, Sillod
5	Dr. S.V. Rajmane	Associate Prof.	Arts, Comm. and Sci. college, Andur
6	Prin. Dr. Chakane sir	Principal	Khadki College, Pune
7	Dr. Sanjay Dhole	Professor	SPP University Pune
8	Prin. Dr. Ashok Pandit	Principal	Y.C. College, Sillod

Research Guides and Research Students:

Name of the Research Guides	Name of the Student	Date of Confirmation	Topic	Status
Dr. R. G. Vidhate	Mr. Dhongade Dinesh	24/05/2022	Synthesis and Characterization of Nickel-Cobalt Oxide Thin Film By Chemical Bath Deposition Method for Super Capacitor Application	Registered
	Mr. Sangale Haridas	10/03/2022	Fabrication and Characterization of Oxide Based Photo electrode for Solar Cell Application	Registered

Minor/ Major Research Project:

Sr. No	Title of the research Project	Name of PI	Sponsoring Agency Date of Sanction	Duration	Amount sanctioned	Present position
1	Investigation Of Structural And Magnetic Properties Of Rare Earth Garnet	Dr. B. A. M. University Aurangabad	24-06-2019	2 Years	40000/-	Ongoing

Participation of Faculty in OC/RC/FDP/ STC:

Sr. No .	Name of the Faculty	Year	Orientation / Induction Program	Refresher Course	FDP/ STC
1	Dr. R. G. Vidhate	2021-2022	02	--	--
		2020-2021	--	--	12
		2019-2020	--	--	01
2	Mr. K. H. Katke	2020-2021	01	03	06
Total			03	03	19

Conference /Seminar /Workshop/Webinar Organized by department:

Sr. No.	Title of Conference / Symposium / Workshop	Level	Period
1	Recent Trends In Material Science And Nanotechnology (RTMSN-2019)	National	17 Mar. 2019
2	Solar Lamp Workshop with IIT Bombay	National	02 Oct. 2019
3	Chandrayan quiz With ISRO	National	22 Aug. 2019
4	Cyber Security awareness workshop	State	16 Sept. 2019

Conferences/Seminars/Workshops/Webinars attended by Faculty:

Name of Teacher	Year	Regional /State	National	International	Total
Dr. R. G. Vidhate	2021-22	--	01	03	04
	2020-21	--	22	08	30
	2019-20	--	08	01	09
	2018-19	01	04	--	05
	2017-18	02	02	--	04
Mr. K. H. Katke	2021-22		01	--	01
	2020-21		26	--	26
Total		03	64	12	79

**Resource Person /Chaired Session/ Guest Lectures in Conferences /
Symposium / Workshop:**

Name of Resource Person/ Guest Lectures	Resource Person / Guest Lectures	Level	Topic	Place	Date
Dr. R. G. Vidhate	Resource Person	National	Non-Conventional Energy Sources and its Applications	Bhagwan Mahavidyalaya, Ashti Dist. Beed	01.02.2020
	Guest Lecture	NSS Special Camp	AIDS	Shriram Jr. College, Kada	15.01.2020
	Guest Lecture	NSS Special Camp	Gramvikas and Jalsandharanath Mahila Sahabhag	Gandhi College, Kada	26.01.2020
	Guest Lecture	College	Non-Conventional Energy Sources	Kalikadevi Arts, Com. and Science College, Shirur Kasar Dist. Beed	04.04.2021
	Guest Lecture	College	Non-Conventional Energy Sources	Bhagwan Mahavidyalaya, Ashti Dist. Beed	26.02.2022
	Guest Lecture	NSS Special Camp	Organic Farming and Water Management	Mangrul Tal. Ashti Dist. Beed	26.01.2020

Publications of faculty during last five years:

Sr. No	Name of the Teachers	Year	International Journals/ E-Journal	National Conf. /Sem. Proceeding	Number of research papers presented
1	Dr. R. G. Vidhate	2021-2022	06	-	03
		2020-2021	05	03	05
		2019-2020	11	-	12
		2018-2019	09	-	05
		2017-2018	01	-	05
2	Mr. K. H. Katke	2021-2022	01	-	01
		2020-2021	01	-	01
		2019-2020	01	-	01
		2018-2019	02	-	02
		2017-2018	01	-	01
Total			38	03	36

Publications of Faculty in Books/Chapters:

Name of the Faculty	Book/Chapter	Title of Book	Publisher Details with ISSN/ISBN	Published Year	Sole/Co-author
Dr. R. G. Vidhate	Chapter	The Science Of Energy	Rushi PUBLICATION ISBN:978-81-929628-3-2	5 July 2020	Sole Author
	Chapter	Objective Physics For B.Sc. Student	Rushi PUBLICATION ISBN:978-81-951034-9-2	30 April 2021	Sole Author
	Chapter	Innovation Research in Science and Technology	Rushi PUBLICATION ISBN:978-81-951034--4	28 Feb. 2022	Sole Author
Mr. K. H. Katke	Chapter	Objective Physics For B.Sc. Student	Rushi PUBLICATION ISBN:978-81-951034-9-2	30 April 2021	Sole Author
	Chapter	Innovation Research in Science and Technology	Rushi PUBLICATION ISBN:978-81-951034-5-4	28 Feb. 2022	Sole Author

List of Eminent Alumni:

Sr. No.	Name	Qualification	Position
1	Smt. Kute S.B.	B.Sc. B.Ed.(Phy)	High School Teacher
2	Mr. Nagargoje B.J.	B. Sc Physics	Micro Lab. Bangalore
3	Mr. Mahetre S.V.	B.Sc. B.Ed.(Phy)	High School Teacher
4	Mr. Pathan J.M.	B.Sc. (Phy)	Lab Technician
5	Mr. Horkal S.E.	B.Sc. B.Ed.(Phy)	High School Teacher
6	Mr. Kute B.B.	B.Sc. B.Ed. (LLB)	Advocate
7	Mr. Somase S.S.	B.Sc. B.Ed.(Phy)	High School Teacher
8	Mr. Pawal R.M.	B.Sc. B.Ed.(Phy)	High School Teacher
9	Mr. Raut R.C.	M.Sc. B.Ed. (Phy)	Lecturer
10	Mr. Tikhe V.V.	M.C.M.	Clerk
11	Mr. Vishwakarma K.K.	B.Sc. (Phy)	Journalist
12	Mr. Vidhate S.B.	B.Sc.(Phy)	Clerk
13	Mr. lanje M.P.	B.Sc. B.Ed.(Phy)	High School Teacher
14	Mr. Tekade S.J.	B.Sc. B.Ed.(Phy)	High School Teacher
15	Mr. Gholap N.R.	M.Sc. B.Ed.	Lecturer
16	Mr. Shinde S.M.	B.Sc. B.Ed.(Phy)	High School Teacher
17	Mr. Dhoble S.V.	B.Sc. B.E.(Diploma)	Lecturer
18	Mr. Sanap C.S.	B.Sc. B.Ed.(Phy)	High School Teacher

19	Mr. Tikhe V.V.	B.Sc. B.Ed.(Phy)	High School Teacher
20	Mr. Bodkhe S.M.	M.Sc. B.Ed.	Lecturer
21	Mr. Chavan V.A.	B.Sc. D.Ed. P.	Teacher
22	Mr. Sanap B.C.	B.Sc. B.Ed.(Phy)	High School Teacher
23	Mr. Sanap P.N.	B.Sc. B.Ed.(Phy)	High School Teacher
24	Mr. Kaluse L.J.	B.Sc. (Phy) X-ray	X-ray Tech.
25	Mr. Nagargoje V.S.	B.Sc. (Phy)	Maleriya Dr.
26	Mr. Bhdkhe S.G.	B.Sc. (Phy)	Lab Tech.
27	Mr. Dhas S.V.	B.Sc. (Phy)	Lab Tech.
28	Mr. Dhonde S.A.	B.Sc. B.Ed.(Phy)	Head Master
29	Mr. Gadade S.K.	B.Sc. B.Ed.(Phy)	High School Teacher
30	Mr. Sayyed B.K.	B.Sc. (Phy)	Lab Tech.
31	Mr. Lagad M.P.	B.Sc. B.Ed.(Phy)	High School Teacher
32	Mr. Sayyed A.V.	M.Sc. B.Ed.	Lecturer
33	Mr. Kulkarni A.S.	B.Sc. B.Ed.(Phy)	High School Teacher
34	Mr. Bhadve H.B.	B.Sc. (Phy)	Electrician
35	Mr. Kardile P.S.	M.C.M.	Computer Training C.
36	Mr. Thokal M.S.	B.Sc.	Havaldar
37	Mr. Khalate Ramhari	B.Sc. B.Ed.(Phy)	High School Teacher
38	Mr. Thete Vaijanath B	B.Sc. B.Ed.(Phy)	High School Teacher
39	Mr. Tonpe Dipak	Ph.D.	Nano-Science Department Dr. B.A. M. U. Aurangabad
40	Mr. Sawant Nikhil	M.Sc. B.Ed. (Phy)	Jr. College, Ashti
41	Mr. Karande Mahesh	M.Sc. B.Ed. (Phy)	Jr. College, Ashti
42	Mr. Nalawade Rahul	M.Sc. Phy	MIT Aurnagabad
43	Ambilwade Pankaj	M.Sc.	Raks Pharma Pvt. Ltd. Gujrat
44	Anarse Yogesh Baban	B.Sc. (Phy)	Army, Govt. of India
45	Kolhe Amruta Sanjay	B.SC Physics	Private Company
46	Bodkhe Avinash Sarjerao	M.Sc. Physics	Mahesh Jr. College, Rui Nalkol
47	Rokade Dipali Shivajirao	B.Sc. B.Ed.(Phy)	H. Teacher
48	Vidhate Dipak Babasaheb	B. Sc. DMLT	Pimpri Chinchwad Municipal Corporation
49	Ku Gondkar Anuradha Dnyandev	B.Sc. (Phy)	Jr. Lekhapal, WANDRA- Kurla Mumbai
50	Mr. Khalate Hanumant Suryabhan	B.Sc. (Phy)	Honour Lab Kurkumb MIDC Daund
51	Mr. Khalate Lahu Macchandra	B.Sc. (Phy)	Honour Lab Daund
52	Ku Ovhal Sambodhi Sambhaji	M.Sc. Physics	SPP University Pune
53	Ku Ovhal Sambodhi Sambhaji	M.Sc. Physics	SPP University Pune
54	Ku Jiwe Ashvani Arjun	B.Sc. (Phy)	Shop
55	Mr. Waghmare Rohit R.	B.Sc. (Phy)	Sygenflo Laboratories Aundh Pune
56	Mr. Atole Pravin Sukhdev	B.Sc. Law	New Law college, Ahmednagar

57	Mr. Deshmukh Vedant Shanker	B.Sc. (Phy)	Shriram Oil Depo Kada
58	Ku. Kolhe Ujjawala Sanjay	B.Sc. (Phy)	Automobile Company Pune
59	Mr. Jiwe Ketan Vishnu	B. Sc. Physics	Mahindra and Mahindra Company Paint shop

Academic and Administrative Positions of Faculty:

- Dr. R. G. Vidhate**

- 1) Advisory Committee member of **International conference** held on 24, 25 June 2022 in Yashwantrao Chavan College, Sillod Aurangabad.
- 2) Advisory Committee Member of **National Conference** held on 1st Dec.2018 in Shri. Muktanand College, Gangapur Aurangabad.
- 3) Convener of **National conference** held on 17 March 2019 in Anandrao Dhonde Alias Babaji Mahavidyalaya, Kada Dist. Beed
- 4) Affiliation committee member of Dr. B. A. M. University Aurangabad
- 5) Squad member of Examination conducted by Dr. B. A. M. University Aurangabad
- 6) Member of Criteria - 7: Institutional Values & Best Practices
- 7) Expert for CAS committee
- 8) DCAS Officer in ADM-DCAS center
- 9) Admission committee
- 10) Library Advisory committee
- 11) Best practices and Extension Activities Committee
- 12) College Development Committee
- 13) Research advisory committee

- Mr. K. H. Katke**

- 1) IQAC Committee Member
- 2) Member of Criteria – II : TEACHING- LEARNING AND EVALUATION
- 3) UGC Proposal Committee
- 4) BOS Member of MGM University, Aurangabad.
- 5) Member of Research Consultancy and Extension committee
- 6) Website Up-gradation Committee.
- 7) Co-coordinator of National Conference
- 8) Deputy Chief Superintendent of NEET Exam.
- 9) Data Entry Operator in DCAS Center

Extension / Co-curricular Activities run by department:

- 1) Departmental arrangement of Study Tour
- 2) Department Run Skill based course
- 3) To Donate Blood in Blood donation Camp arranged every year in the College
- 4) Group Discussion and Seminars are conducted periodically
- 5) Remedial Classes are conducted for slow learners

Best Practices:

To Save Electricity and Importance of Use of Non-Conventional Energy Sources



SWOC analysis:

Strength:

Department:

- Department signing **MOUs** for Research Activity with JES College, Jalna
- Total publication of dept. faculty is **72** in National and International journal
- Dept. has Wi-Fi facility and own Computer Laboratory.

Faculty:

Dr. R. G. Vidhate:

- Research Supervisor in Physics of affiliating University Dr. B. A. M. University Aurangabad
- Examiner of Taluka Level Science Exhibition.
- Resource Person in National Conference
- Practical External Examiner of YCMOU Nasik
- Working on Panel of University as a Paper Setter

Mr. K. H. Katke:

- Co-ordinator of Maharashtra Gov. Online Typing Examination.
- **BOS** member of MGM University, Aurangabad

Student:

- Kanchan Dhonde Student of this dept. is qualified SET Exam. in Physics
- Student **Kanchan Nannaware** stood First in university Examination Held in March/April 2019 and got Smt. Sakhubai Pande Prize for Securing highest Marks in Physics.

Weakness:

- Students from Rural/Remote area background
- Less Participation in syllabus designing

Opportunity:

- To start skill based courses
- To motivate for admission to higher education (P.G.)

Challenges:

- To attract and concentrate students towards Physics
- To setup Research Laboratory

Future Plans:

- To promote students to take admission for Physics based courses in NPTEL(SWAYAM)
- To arrange National and International Conferences

Photo Gallery



Inverter Facility in Physics Department



Study Tour at Wind Power Station



Study Tour at Wind Power Station



Awareness about Non-conventional Energy Sources



Chandrayan Quiz Competition of ISRO



Certificate Course of PMJVV for Ladies



IIT Bombay workshop of Solar Lamp



Pri. Dr. H. G. Vidhate in workshop



IIT Bombay workshop Participated students



Study Tour



Dr. A. P. J. Abdul Kalam Award 29 Feb. 2020



News about award



Minister Udayji Samant presents CORONA Yoddha Award 2020-2021, State Level Best Volunteers Award 2019-2020



Vice Chancellor Dr. Pramod Yeole awarded by Best P.O. of NSS to Dr. R. G. Vidhate with NSS Director on 26 Jul.



Dr. R. G. Vidhate with NSS Director Dr. T. R. Patil

Dr. R. G. Vidhate with NSS ETI Coordinator



Dr. R. G. Vidhate with NSS ETI Director Dr. Borude



ICT Teaching Presentation of Dr. R. G. Vidhate



ICT teaching presentation of Mr. K. H. Katke students



Mr. K. H. Katke busy in Practical Lab. with



Dr. R. G. Vidhate busy in Practical Lab. with students



Mr. K. H. Katke busy in Practical Lab. with students



Dr. R. G. Vidhate busy in Practical Lab. with students



Dr. R. G. Vidhate busy in Practical Lab. with students



B.sc Students in Practical Laboratory



Dr. R. G. Vidhate Chief Guest in NSS camp



Dr. R. G. Vidhate in Online teaching
PPT



Dr. R. G. Vidhate in Online teaching with help of
PPT



28/08/2018 रोजी महाविद्यालयाचे स्वयंसेवक कडा गावाला
केरल पुरस्कारासाठी मदत फेरी देऊन देताना पत्रकारां व विद्यार्थी





News flood affected collection



Social work Plantation in College Campus



Social work Plantation in Adopted villege



Social work Plantation in College Campus



Plantation in College Campu BY Pri.Dr. H.G.Vidhate



Social work Plantation in Campus BY Pri.Dr. H.G.Vidhate



Eminent Personality visited to Department



Eminent Personality mitting with Principal



Prof.Dhole, SPPU visited to dept.



Energy saving Programme



Pri. Chakane (Physics) visited to dept.



Miss. Kanchan Nannaware Stood first in BAMU University



Miss. Dipali Dhobale and Prerana felicitated by President Bhimraoji Dhonde



Social Activity participated Blood Donation Camp

Social Activity participated Blood Donation Camp



Social Activity Kabrasthan Cleaning



Online Yoga day Trainer Mrs. Mali,Pune



Online Yoga day Student Sambodhi



CORONA Pandemic Awareness by student painting



CORONA Pandemic Awareness by wall



CORONA Pandemic Awareness by wall painting CORONA Pandemic Awareness through Facebook



In CORONA Pandemic distribution of glossary in adopted village Saratewadgaon/Anandwadi



Cyber safety awareness Workshop



Cyber safety awareness Workshop



Seminar Activity of the department



Mr. Rameshwar Chaven speak about LASER

