



SEMANA VIDYA VA VANVIKAS PRASHIKSHAN MANDAL GADCHIROLI'S (Reg. No. F2301/Gad/Ma)

Gramgeeta Mahavidyalaya, Chimur

Ta. - Chimur, Dist. - Chandrapur (M.S.)

NAAC Accredited with B+ Grade (CGPA: 2.68)

Website: www.gmcchimur.org

Principal

Dr. Sunanda S. Aswale

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COLLEGE RESEARCH COMMITTEE

Report- 2025-26

Gramgeeta Mahavidyalaya of Arts, Commerce and Science (Granted), an affiliated College under Gondwana University is located on Pimpalneri Road, Chimur, Dist. Chandrapur, Maharashtra. The College has Secured B⁺ Grade with 2.68 CGPA in the first accreditation of NAAC. The College has rich faculty strength of 17 out of which 13 are Doctoral degree holders. Other teachers have qualified NET/SET.

The College offers Undergraduate Degree Programmes in different disciplines. 3 UG Programmes, Bachelor of Arts (BA), Bachelor of Commerce (B.Com) and Bachelor of Science (B.Sc.) of being offered under which 7 different courses are run by Non-grant and Grant level. UG programmes also included with Career Oriented Add-on Courses. As well as Institute run four Postgraduate programs in the Subject Botany, Chemistry, Microbiology and Zoology

The research committee convener Dr. Nilesh R. Thaokar has taken first meeting on 4th August 2025 with the associated research committee members in the chairmanship of Respected Principal Dr. Sunanda. S. Aswale. The meeting decided to collect, evaluate and organized research data according to prescribed format.

The Research committee convener prepared the format with consultation with the associated committee members and distributed to all departments (Arts, Commerce, Botany, Chemistry, Environmental Science, Microbiology, Physics, Mathematics, Computer Science and Zoology). As per the collected data, there is 8 research guide in our college and having 1 research students.

All together two general body meetings and three executive meetings were held in the academic year 2024-2025.

45 research papers in different national and international journals as well as 19 books and Chapter in books were published various publishers. All data were collected and submitted to IQAC.

The objective of Research inventiveness undertaken by Gramgeeta Mahavidyalaya is to put up research careers, to support and strengthen the knowledge foundation and promote the creation of new applications, as well as societal impact of education, research and innovation. All education, research and innovation of the college aim to be of a high standard.

A Research Committee is in force with the following members contributing in a big way to prepare and implement the documents related to research and development activities within the College.

Chairman Dr. Sunanda. S. Aswale (Principal)

Convener Dr. Nilesh Thaokar

Member Dr. M. I. Warhade

Dr. Y. G. Bodhe

Dr. N. D. Dhore

Dr. V. V. Khati

Dr. Ms. P. K. Tembhurne

The research committee is evaluated and produces following research data of the Gramgeeta Mahavidyalaya, Chimur.

Name of Department	Research paper	Books
Arts	-	-
Botany	8	-
Chemistry	6	3
Commerce	-	-
Environmental Science	4	-
Microbiology	6	-
Physics	3	9
Physical Education	4	3
Zoology	9	4
Mathematics	1	-
Library Science	4	-
Total	45	19


Convener


Principal
Principal
Gramgeeta Mahavidyalaya
Chimur, Dist. Chandrapur

Research Paper/ Books Published During 1 July 2025 to 30 June 2026									
Name of Faculty	Name of Department	Title of Research Paper/Books	Name of Journal & its Issue in which Published/ Publications/ Conference Details	Wether UGC Care listed Yes/No	Name of Publisher of books	Months & Year of Publication	ISBN/ ISSN NO.	Impact Factor If any (Thomson Reuters)	Link to the recognition in UGC enlistment of the Journal
Dr. Sunanda S. Aswale	Chemistry	Extraction, Stability, and Application of Natural Dye from Spathodea campanulata Flower: A Study on Shelf Life, Yield, and Fabric Dyeing Potential	Research & Reviews: Journal of Botany		STM Journals, An imprint of Consortium e-Learning Network Pvt. Ltd.	26 July 2025	2278-2222		https://journals.stmjournals.com/rjob/article=2025/view=229341/
Dr. Sunanda S. Aswale	Chemistry	COMPRESSIBILITY, MOLECULAR FREE LENGTH, RELATIVE ASSOCIATION OF LEMONGRASS LEAVES EXTRACTS IN TWO DIFFERENT SOLVENTS	International Journal of Advance and Applied Research		Young Researcher Association, Kolhapur	September - October 2025	2347-7075		
Dr. Nagesh Dipak Dhere	Mathematics	Dynamic analysis of the Klein–Gordon nonlocality and memory phenomena in a TPL hygrothermoelastic cylinder generating the heat and moisture: Dynamic analysis of the Klein–Gordon non-locality and memory phenomena	Acta Mechanica	Yes	Springer	December 2025	1619-6937	4	https://www.bvuniversity.edu.in/ihmct/pdf/Approved_UGC_Care_List_Journal_170622.pdf
Dr. Sartaj Sheikh Rafik Maladhari	Botany	Sustainable plant mediated synthesis of cobalt oxide nanoparticles using Uraria picta extract with enhanced biological activity	Scientific Reports	Scopus & Web of Science	Nature	December 2025	2045-2322	4.9	https://doi.org/10.1038/s41598-025-28596-0
Dr. Sartaj Sheikh Rafik Maladhari	Botany	Green Synthesis of Copper Oxide Nanoparticles using Plant Extracts: a Comprehensive Review of Synthesis, Characterization, and Applications	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2026
Dr. VaradaVyankatesh Khati	Chemistry	Article Review: Concept of Acid, Bases and practical Application of Chemistry across various aspects of daily lives in Ancient India	Integrated journal for research in Arts and Humanitics	Peer-Reviewed	Stallion Publications	November 2025	2583-1712		https://doi.org/10.55544/ijrah.5.6.22
Dr. VaradaVyankatesh Khati	Chemistry	Green Chemistry: Sustainability, Current trends and Challenges in India	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2026
Mr. Vivek Surendra Manik	Environmental Science	Circular Economy Approach in Wastewater Treatment: Recycling and Recovery	Journal of Water Pollution & Purification Research		STM Journals, An imprint of Consortium e-Learning Network Pvt. Ltd.	July 24, 2025	2394-7306		
Mr. Vivek Surendra Manik	Environmental Science	Stored Grain Pest Infestation and Management: A Short Review	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2026

Mr. Vivek Surendra Manik	Environmental Science	Hematological Study of Channa Punctata with Reference to Trypanosomiasis	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2027
Mr. Vivek Surendra Manik	Environmental Science	Innovative Approaches in Bioinsecticides: Synergies of Genetic Engineering and Microbial Application	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2028
Dr. Nilesh Ramchandra Thaokar	Zoology	MORPHOLOGY OF THE PRIMARY EXTERNAL MALE GENITALIA IN CERIAGRION COROMANDELIANUM (ODONATA: COENAGRIONIDAE)	Advances in Science and Technology Of Water Resourceæ	Yes	Hohai University (The Editorial Board of the Journal of Hohai University)	2025	1006-7647		https://japcs.net/volume-9-issue-8-2025/
Dr. Nilesh Ramchandra Thaokar	Zoology	Modern Farming Techniques: Future Need	Vidyawarta International Journa	Peer-Reviewed	Harshwardhan Publication Pvt. Ltd.	July To Sept. 2025	2319 - 9318		
Dr. Nilesh Ramchandra Thaokar	Zoology	Stored Grain Pest Infestation and Management: A Short Review	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		https://doi.org/10.70381/3049-4419.e.si.2026
Dr. Nilesh Ramchandra Thaokar	Zoology	Hematological Study of Channa Punctata with Reference to Trypanosomiasis	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4420		https://doi.org/10.70381/3049-4419.e.si.2027
Dr. Nilesh Ramchandra Thaokar	Zoology	Innovative Approaches in Bioinsecticides: Synergies of Genetic Engineering and Microbial Application	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4421		https://doi.org/10.70381/3049-4419.e.si.2028
Dr. Nilesh Ramchandra Thaokar	Zoology	A Text Book of Zoology B, Sc. Semmester III	-	-	Sai Jyoti Publication	2025	978-93-49617-25-5		
Dr. Yuvraj Gajanan Bodhe	Microbiology	Modern Farming Techniques: Future Need	Vidyawarta International Journa	Peer-Reviewed	Harshwardhan Publication Pvt. Ltd.	July To Sept. 2025	2319 - 9318		
Dr. Yuvraj Gajanan Bodhe	Microbiology	Stored Grain Pest Infestation and Management: A Short Review	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		
Dr. Yuvraj Gajanan Bodhe	Microbiology	Hematological Study of Channa Punctata with Reference to Trypanosomiasis	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4420		
Dr. Mrunal I. Warhade	Botany	Preliminary Survey & Documentation of Wetland Macrophyte Diversity from Chargaon Lake in Warora Taluka, Dist. Chandrapur Maharashtra, India	Research & Reviews: Journal of Botany		STM Journals, An imprint of Consortium e-Learning Network Pvt. Ltd.	July 29, 2025	2278-2222		
Dr. Mrunal I. Warhade	Botany	Modern Farming Techniques: Future Need	Vidyawarta International Journa	Peer-Reviewed	Harshwardhan Publication Pvt. Ltd.	July To Sept. 2025	2319 - 9318		
Dr. Mrunal I. Warhade	Botany	Stored Grain Pest Infestation and Management: A Short Review	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		

Dr. Mrunal I. Warhade	Botany	Hematological Study of Channa Punctata with Reference to Trypanosomiasis	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4420		
Dr. Mrunal I. Warhade	Botany	Innovative Approaches in Bioinsecticides: Synergies of Genetic Engineering and Microbial Application	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4421		
Dr. Mrunal I. Warhade	Botany	Physical education through physical health and well-being.	Vidyawarta		Harshwardhan Publication	2025	2319 9318		
Dr. Pranali K. Tembhurne	Physics	Microwave assisted sol-gel autocombustion method effect the structural and magnetic parameters of CoxMg1-xFe2O4 (x=0.25, 0.3) Spinel Ferrites	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		
Dr. Pranali K. Tembhurne	Physics	Substitution of La3+ ion in Cu0.5CO0.5LaxFe2-xO4 X=(0.02,0.06) improve the structural and dielectric properties	Journal of Materials and Metallurgical Engineering		STM Journals, An imprint of Consortium e-Learning Network Pvt. Ltd.	August 2025	2231-3818		
Dr. Pranali K. Tembhurne	Physics	La3+ Modulated Cu0.5Co0.5Fe2-xLaxO4 Spinel Ferrites: Structural, Magnetic, and Temperature-Dependent Dielectric Spectroscopy for Microwave Absorption and Dielectric Device Applications	Ianna Journal of Interdisciplinary Studies	UGC care listed	Elsvier	May 2026	2735-9891		DOI:https://doi.org/10.84761/j047t187
Dr. Pranali K. Tembhurne	Physics	A text bookSEC: Renewable Energy and Energy Harvesting			Sai Jyoti Publication				
Dr. Rohit D. Chandekar	Microbiology	Modern Farming Techniques: Future Need	Vidyawarta Peer - Reviewed International Journal	No	Harshwardhan Publication Pvt. Ltd.	July to Sept 2025	2319 - 9318		
Dr. Rohit D. Chandekar	Microbiology	Innovative Approaches in Bioinsecticides: Synergies of Genetic Engineering and Microbial Application	International Journal of Science, Engineering, Arts and Management	No	Sidvi Publication House	September 2025	3049-4419		
Dr. Rohit D. Chandekar	Microbiology	Circular Economy Approach in Wastewater Treatment: Recycling and Recovery	Journal of Water Pollution & Purification Research	No	STM Journals / Consortium e-Learning Network Pvt. Ltd.	July 2025	2394-7306		
Dr. Sumedh K. Waware	Zoology	CURRENT STUDY ON HUMAN AND WILD ANIMALS CONFLICT IN TADoba ANDHARI TIGER RESERVES IN CHANDRAPUR DISTRICT OF MAHARASHTRA STATE.	INTERNATIONAL JOURNAL OF RESEARCHES IN BIOSCIENCES, AGRICULTURE AND TECHNOLOGY	A Double-Blind Peer Reviewed & Refereed Journal	VMS RESEARCH FOUNDATION	May-2026	e-ISSN 2347 – 517X		Human and Wildlife Conflict Research Paper- May-2026.pdf
Dr. Sumedh K. Waware	Zoology	Comparative Study of Fresh water fish fauna in some lentic and lotic ecosystem in Yavatmal and Chandrapur district of Maharashtra State in India.	Indian J. Applied & Pure Bio. Vol. 40(2), 1175-1181 (2025)		Indian J. Applied & Pure Bio. Vol. 40(2), 1175-1181 (2025).	2025	ISSN: 0970-2091		Indian-1175 40(2) 2025 Sawali Conference RP.pdf

Dr. Sumedh K. Waware	Zoology	Relative Study on Variety of Aquatic Catch Fish in Palasgaon Lake of Chimur Taluka in Chandrapur District M.H.India.	Akshara Multidisciplinary Research Journal	Single Blind Peer Reviewed & Referred International Research Journal	Akshara Publication	Dec.-2026	E-ISSN 2582-5429	SJIF Impact 6.86	https://journalseeker.researchbib.com/view/issn/2582-5429
Dr. Sumedh K. Waware	Zoology	Analysis of Physico-chemical Parameters of Palasgaon Lake in Chimur Taluka, District-Chandrapur (M.S.). India.	INTERNATIONAL JOURNAL OF SCIENCE, ENGINEERING ARTS AND MANAGEMENT (IJSEAM)	Peer-Reviewed	Sidvi Publication House	September 2025	3049-4419		DOI: https://doi.org/10.70381/3049-4419.e.si.2026
Dr. Sumedh K. Waware	Zoology	“Principles of Zoology Structure Function and Evolution”	AGPH Books (AG Publishing House), Bhopal (M.P.)		AGPH Books (AG Publishing House), Bhopal (M.P.)	2026	978-93-7640-948-8.		
Dr. Sumedh K. Waware	Zoology	A Text book of Zoology B, Sc. Semester IV (NEP) (MAJOR THEORY PAPER-II) GENETICS	OM SAI PUBLISHERS & DISTRIBUTERS NAGPUR, PUNE, DELHI.		OM SAI PUBLISHERS & DISTRIBUTERS NAGPUR, PUNE, DELHI	2026	ISBN:978-81-991278-5-2		
Dr. Samirkumar R. Bhelave	Physics	Indian Knowledge System		No	Sai Jyoti	2025	ISBN-978-81-991371-6-5		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Physics B, Sc. Semmester IV		No	Sai Jyoti	2026	ISBN-978-81-998269-0-8		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Physics B, Sc. Semmester III (minor paper)		No	Sai Jyoti	2025	ISBN-978-93-991371-3-4		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Physics B, Sc. Semmester I (Core Subject)		No	Sai Jyoti	2025	ISBN-978-81-993461-0-9		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Climate science Semmester III (OE)		No	Sai Jyoti	2026	ISBN-978-93-93973-78-8		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Hawaman Vidnan Semmester III (OE)		No	Sai Jyoti	2026	ISBN-978-93--49617-25-4		
Dr. Samirkumar R. Bhelave	Physics	A text Book of Physics B, Sc. Semmester III (major paper)		No	Sai Jyoti	2025	ISBN-978-93-49617-92-6		
Dr. Samirkumar R. Bhelave	Physics	A text book SEC: Renewable Energy and Energy Harvesting		No	Sai Jyoti	2026	ISBN-978-81--69035-15-6		
Dr. Sandeep B. Satao	Physical Education	THE ROLE OF SPORT IN CREATING JOB OPPORTUNITIES: FROM COACHING TO MANAGEMENT	RESEARCH NEBULA		YC Journal	2025	2277-8071		
Dr. Sandeep B. Satao	Physical Education	Physical education through physical health and well-being.	Vidyawarta		Harshwardhan Publication	2025	2319 9318		
Dr. Sandeep B. Satao	Physical Education	ROLE OF SPORTS IN RAISING STANDARDS OF LIVING AND GROWTH	International Journal of Advance and Applied Research		Young Researcher Association, Kolhapur	September - October 2025	2347-7075		
Dr. Sandeep B. Satao	Physical Education	A Comparative Study of Physiological Components of Male Badminton and Volleyball Players	Akshara Multidisciplinary Research Journal			December-2025	2582-5429		
Dr. Sandeep B. Satao	Physical Education	Plagarism, Authorship and Research Integrity			Arya Book Publicastion	2025	978-81-963088-2-7		
Dr. Sandeep B. Satao	Physical Education	Indian Knowledge System		No	Sai Jyoti	2025	ISBN-978-81-991371-6-5		

Mr. Sandeep A. Meshram	Library	Use and Benefits of Artificial Intelligence in Modern Library Management	Journal of Research and Development	A Multidisciplinary International Double Blind Peer Reviewed Refereed International Research Journal	Dr. Ramesh V. Bhole, Professor Sardar Vallabhbhai Patel Arts and Science College Ainpur, Tal Raver, Dist Jalgaon	May-2025	2230-9578		https://zenodo.org/records/15813155
Mr. Sandeep A. Meshram	Library	Mobile-Friendly Libraries: Leveraging QR and NFC for Instant Access to Digital and Physical Resources	Journal of Advancements in Library Sciences	Peer Reviewed Hybride Open Access Journal	STM Journals / Consortium e-Learning Network Pvt. Ltd.	June-2025	2349-4352(e)		https://journals.stmjournals.com/joals/article=2025/view=229347/
Mr. Sandeep A. Meshram	Library	Use of RFIT, IoT and Smart Technologies in Library Management	Ayushi Internationl interdisciplinary Research Journal (AIIRJ)	Peer Reviewed and Indexed Journal	Apurnav Publication House, Latur	Feb-2026	2349-638x		
Mr. Sandeep A. Meshram	Library	Shaping the Library Landscape: Study of Artificial Intelligence (AI) Integration in College Libraries Affiliated to Gondwana University Gadchiroli	Transforming Knowledge Frontiers: Artificial Intelligence (AI) and Open Access (OA) for Sustainable Library Development	Conference Procceding	ILSKCOM-2026 SVKM's NMIMS, Shirpur Campus, Shirpur Dist.- Dhule	June-2026	--		
Dr. Humeshwar D. Anande	Chemistry	Identification and Removal of Emerging Pollutants in Water: A Comprehensive Review of Techniques and Technologies	Journal of Research and Development	Peer Reviewed International, Open Access Journal.		May-2025	2230-9578		
Dr. Humeshwar D. Anande	Chemistry	A Textbook of Water Treatment, SEC of Chemistry (for B.Sc.-Sem-I)			Preface Book & Co.	2025	ISBN No. 978-81-99081-3-0-7		
Dr. Humeshwar D. Anande	Chemistry	A Textbook of Chemistry, B. Sc. Semester-IV (NEP) Paper-I: Inorganic Chemistry Paper-II: Physical Chemistry			Himalaya Publishing House	2026	ISBN No. 978-93-7105-479-9		
Dr. Humeshwar D. Anande	Chemistry	A Textbook of Boiler Troubles, SEC of Chemistry (for B.Sc.-Sem-II)			Sai Jyoti Publication	2026	ISBN No. 978-81-69562-05-8		