

Manoharbhai Shikshan Prasarak Mandal Armori's



**MAHATMA GANDHI ARTS, SCIENCE &
LATE NASARUDDINBHAI PANJWANI COMMERCE
COLLEGE ARMORI**

Dist. Gadchiroli (Maharashtra) 441 208

Affiliated to Gondwana University, Gadchiroli.

Re-accredited by NAAC 'A' with 3.02 CGPA

SELF STUDY REPORT

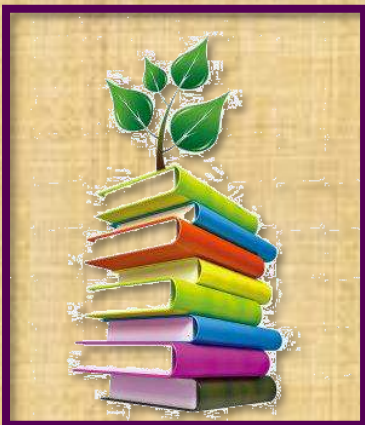
2016-2017 to 2020-2021

CRITERION – VI

Governance, Leadership and Management

METRIC NO: ~ 6.3.3

METRIC NAME: ~ Total number of professional development /administrative training programmers organized by the institution for teaching and non-teaching staff during the year



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e-mail: - mgcollege.armori@gmail.com
Phone: - 07137-266558**

**Mahatma Gandhi Arts, Science and Late N. P. Commerce College
Armori, Dist. Gadchiroli**

RESEARCH & INNOVATION COMMITTEE

M. G. ART'S, SCIENCE & LATE N. P. COMMERCE COLLEGE, ARMORI

ANNUAL REPORT-200-21



Submitted By

Dr. Naresh D. Bansod & Dr. Satish Kola

Co-ordinator

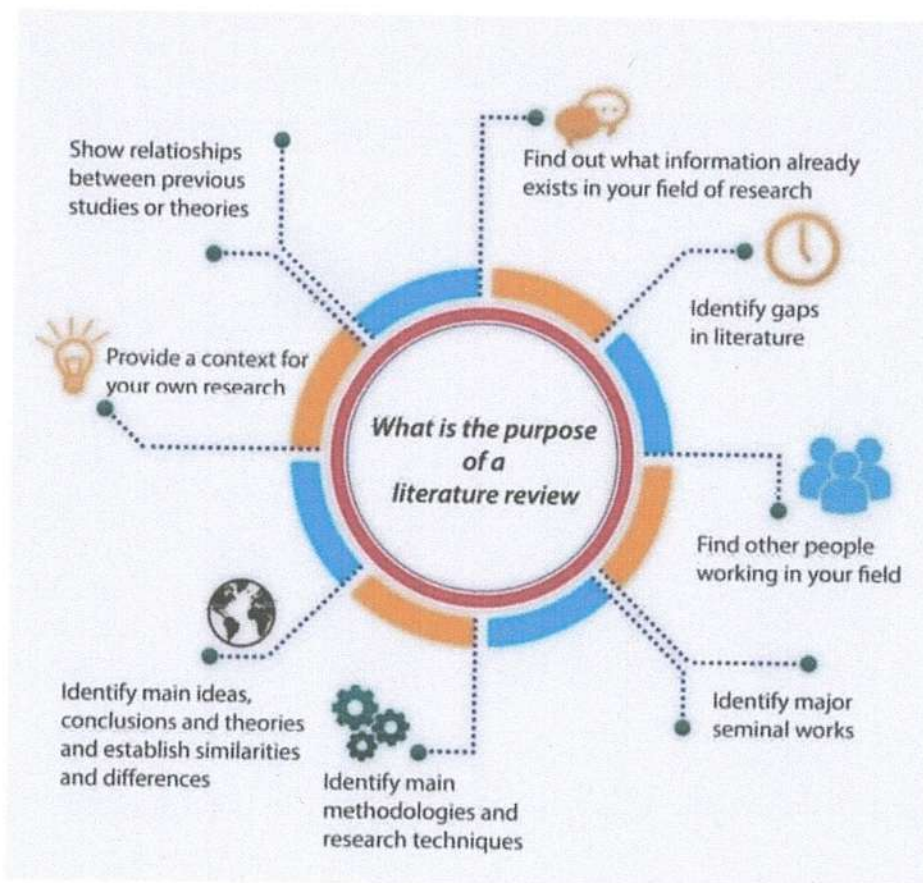
Research & Development Committee


Principal

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The Research & Innovation Committee is responsible for assisting the faculty in respect of the establishment and promotion of excellence in the Institute's research and development, and academic and research training activities. This includes the development, review and monitoring of achievements under the Research & Development. The committee also suggests the development and enhancement of the Institute's research capacities. Motivate all faculties to pursue research in their respective areas of expertise. The protection and commercialization of the Institute's intellectual property. Consultancy activities related to research and innovation.



Activities of committee:

Faculty members were encouraged for research publication and other research related activities. Following are the details.


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Published Research Paper:

Sr. No.	Name of Teacher	Title of Research Paper	Journal Details	ISSN. No./doi	Year of publication
1	Dr. Naresh D. Bansod	Mechanical properties of natural hydroxyapatite using low cold compaction pressure: Effect of sintering temperature	Journal name: Materials Chemistry and Physics Publisher: Elsevier Impact Factor :2.781	https://www.science-direct.com/sdfe/read/er/pii/S0254058419309174/pdf	2020
2	Dr. Naresh D. Bansod	In Situ Zirconia: A Superior Reinforcing Filler for High-Performance Nitrile Rubber Composites	Journal name: ACS Omega Publisher: American Chemical Society Impact Factor : 2.584	https://pubs.acs.org/doi/abs/10.1021/acs.omega.9b03495	2020
3	Dr. Naresh D. Bansod	Crack behavior and mechanical properties of thermally treated kaolin-based ceramics: The influence of pore generating agents	Journal name: Applied Clay Science Publisher: Elsevier Published Year: Impact Factor: 4.180		2020
4	Dr. Naresh D. Bansod	Hydroxyapatite Ceramics Prepared from Two Natural Sources by Direct Thermal Conversion: From Material Processing to Mechanical Measurements	Journal name: Materials Today Proceedings Publisher: Elsevier Impact Factor: 0.97		2021
5	Dr. Naresh D. Bansod	Mechanical measurements of pure and kaolin reinforced hydroxyapatite-derived scaffolds: A comparative study	Journal name: Materials Today Proceedings Publisher: Elsevier Impact Factor: 0.97		2021
6	Dr. Naresh D. Bansod	The effect of acid aging on the mechanical and tribological properties of coir-coconut husk-reinforced low-density polyethylene composites	Journal name: Polymer Bulletin Publisher: Springer Impact Factor: 1.858		2021
7	Dr. Naresh D. Bansod	<u>REINFORCEMENT EFFECT OF IN</u>	Rubber chemistry and Technology		2021

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		<u>SITU DEVELOPED</u> <u>ITACONIC ACID</u> <u>BASED METAL</u> <u>SALT NANO-</u> <u>CRYSTALS IN</u> <u>ACRYLONITRILE-</u> <u>BUTADIENE</u> <u>COPOLYMER</u>			
8	Dr. S. S. Kola	Synthesis and Characterization of Novel 1,3,5-Thiadiazine Derivatives Integrated with Quinoline Moiety as Potent Antimicrobial Agents.	Asian Journal of Organic & Medicinal Chemistry	e-ISSN: 2456-8937	2020
9	Dr. S. S. Kola	Synthesis of few 1,3,4-oxadiazole derivatives blended with different heterocycles and their invitro antibacterial activities.	Rasayan Journal of Chemistry	ISSN: 0974-1496 e-ISSN: 0976-0083	2020
10	Dr. S. S. Kola	Synthesis, Characterization and in vitro Anti microbial Screening of Some Novel Series of 2- Azetidinone Derivatives Integrated with Quinoline, Pyrazole and Benzofuran Moieties.	Asian Journal of Chemistry	ISSN: 0975-427 X(Online) ISSN: 0970-70 77(Print)	2020
11	Dr. S. S. Kola	Eco-Friendly, Green Approach for Synthesis of Bio-Active Novel 3-Aminoindazole Derivatives.	Green Computing Technologies and Computing Industry	e Book (PDF) ISBN:978-1-83968-754-9	2021
12	Dr. S. S. Kola	Recent Study on Synthesis of Novel Series of Quinolino [3,2-f][1,2,4] triazolo [3,4-b][1,3,4] Thiadiazepines	Current Perspectives on Chemical Sciences	e Book (PDF) ISBN:978-93-90516-75-9	2020

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		Derivatives Incorporated with 3-(5-(benzofuran-2-yl)-1-phenyl-1H-pyrazol-3-yl) Moiety as Potent Antimicrobial Agent.			
13	Dr. S. S. Kola	Potent Antibacterial Profile of 5-Oxo-Imidazolines in the New Millennium.	Heterocycles-Synthesis and Biological Activities.	e Book (PDF) ISBN:978-1-83968-754-9	2020
14		Thermoelastic response of a nonhomogeneous elliptic plate in the framework of fractional order theory	Archive of Applied Mechanics	https://doi.org/10.1007/s00419-021-01962-w	(2021)
15		Transient thermoelastic analysis of a semi-infinite circular plate with the power-law nonhomogeneity subjected to ramp-type sectional heating	Waves in Random and Complex Media (Traylor and Francis)	DOI: 10.1080/17455030.2020.1843736	2020
16		Axisymmetric Thermoelastic Response in a Semi-elliptic Plate With Kassir's Nonhomogeneity in the Thickness Direction	IMA Journal of Applied Mathematics	ISSN: 1932-9466	2021
17	Dr. V. P. Gorde	Land Use and Cropping Pattern of Gadchiroli District – 2013 -14	UGC –Care listed journal Juni Khyat	ISSN 2278-4632 Vol-10 Issue-6 No. 2 June 2020	2020-21
18	Dr. V. P. Gorde	Review of Environmental Disasters in India - 2019	UGC –Care listed journal - Akshar Wangmay	ISSN 2229-4929 Special Issue-II Oct 2020	2020-21
20	Dr. V. P. Gorde	A Geographical View on Sex Ratio in Vidarbha Region - 2011	UGC –Care listed journal - Akshar Wangmay	ISSN 2229-4929 Special Issue-I Sept 2020	2020-21

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21	Dr. V. P. Gorde	dksfoM&19 pk i;kZoj.kkojhy izHkko	B. Aadhar, Multidisciplinary International Research Journal	ISSN 2278-9308 Issue-No. CCXLIV - (274) Feb - 21	2020-21
22	Dr. V. P. Gorde	Geographical study of demographic factors in Gadchiroli district - 2001 to 2011	Journal of Research and Development, Multidisciplinary International Research Journal	ISSN 2230-9578 Volume -11 Issue- 14 1 June 2021	2021-22
23	Prof. V. Padole	The Concept of Infidelity in the novels of Anita Nair"	Knowledge & Resonance (A half yearly National Peer Reviewed Research Journal)	ISSN: 2231-1629	2021
24	Dr. D. V. Thakare	Daily life feeding in nutrition of sports person	Ajanta	ISSN: 2277-570	2021
25	Dr. D. V. Thakare	Contemporary Approaches and application in physical education and sports science	B. Aadhar Multidisciplinary International Research Journal	ISSN: 2278-9308	2021
26	Dr. D. V. Thakare	Impact of media on sports	B. Aadhar Multidisciplinary International Research Journal	ISSN: 2278-9308	2021
27	Dr. D. V. Thakare	Effect of corona pandemic on various sports sector	Scholarly research journal for interdisciplinary studies.	ISSN: 2319-4766	2021
28	Dr. P. Parang	ICT in Agriculture for Rural Development	UGC -Care listed journal JuniKhyat	ISSN 2278- 4632Vol-10 Issue-6 No. 2 June 2020	2020-21
29	Dr. P. Parang	Global Warming and its Effects on Bio- Diversity	UGC -Care listed journal - AksharWangmay	ISSN 2229- 4929Special Issue-II Oct 2020	2020-21
30	Dr. P. Parang	A Geographical study of Sex Ratio in rural and urban areas of Pune District	UGC -Care listed journal - AksharWangmay	ISSN 2229- 4929Special Issue-I Sept 2020	2020-21
31	Dr. P. Parang	dksfoM&19 pk I;kZoj.kk ojhy izHkko	B.Aadhar, Multidisciplinary International Research Journal	ISSN 2278-9308 Issue-No. CCXLIV =(274) Feb =21	2020-21

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32	Prof. Dr. Vijay H. Raiwatkar	स्त्रीवाद आणि स्त्रीवादी समीक्षा	Power of Knowledge An International Quarterly Peer Review Refereed Research Journal	2320-4439	Oct. 2020
33	Prof. Dr. Vijay H. Raiwatkar	काव्यात्म दुर्बोधता आणि मढेकर च ग्रेस यांची कविता	Marathi Pradhyapak Sanshodhan Patrika (MPSP) Peer Reviewed Annual National Indexed Research Journal	2454-7409	January 2021
34	Dr. Gajendra M. Kadhav	प्रवासी मजदूर समस्या : आत्मनिर्भर भारत	Peer Reviewed Journal International Journal of Researchers in social science and Information studies		July 2020
35	Dr. Gajendra M. Kadhav	भारतातील बालमजुरी समस्या एक सामाजिक दृष्टीकोण	UGC Care List Journal Akshar Wangmay Journal		October 2020
36	Dr. Gajendra M. Kadhav	Poverty and Child Abuse: A Sociological Perspective	Peer Reviewed & UGC List Journal		June 2021
37	Prof. Nomesh N. Meshram	Indian art & cultural special research article	Kala Sarovar Approved by UGC care list.	ISSN-0975-4520	2021
38	Dr. C. P. Dorlikar	Field and Petrographic Study of Mafic and Ultramafic rocks of Kharapeth area Chandrapur District, Western Bastar Craton, Central India	Kala Sarovar UGC Care Gr. I Journal	ISSN No. 0975-4520 Vol.23 No. 01, Nov-Dec. 2020	Nov. 2020
39	Dr. C. P. Dorlikar	A REVIEW ON SOLID WASTE POLLUTION: ADVERSE EFFECT AND THEIR MANAGEMENT	International Journal of Disaster recovery and Business Continuity Vol. 11, No.2,	ISSN 2005-4289	2020
40	Dr. C. P. Dorlikar	A review on tsunami: Adverse effect and	Dogo Rangsang Research Journal	ISSN 2347-7180.	July 2020

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		their disaster management	UGC Care Group-I Vol.10, Issue 7,		
41	Dr. C. P. Dorlikar	A REVEIEW ON YAMUNA RIVER POLLUTION: ADVERSE EFFECT AND THEIR MANAGEMENT	Peer Review Referred and UGC listed Journal No. 40776.Aurangabad MS Ajanta Publication Vol. IX Issue III www.sjifactor.com	ISSN 2277-5730 Impact Factor 6.399	Sept 2020
42	Dr. C. P. Dorlikar	Modeling and Analysis of Petroleum pipeline by using Advanced Materials (in progress)	ICAPIE Delhi Technology University, Delhi	Springer	18-19 June 2021

Total number of publications by the faculty:

International Journal	National Journal	Int. Conference Proceedings	Nat. /State Conference/Seminar Proceedings	Total
18	22	02	00	42

Faculty Participation in Conference/Seminars/Workshops					
Sr. No.	Faculty name	Title	Date & Year	Type	Place
1.	Dr. V. P. Gorde	Jalshakti Abhiyan 2021 – Water Replenishment	21 th June 2021	Uni. Level e - Training workshop	M. G. College, Armori, Dist. Gadchiroli
2.	Dr. V. P. Gorde	Summer Solstice – 21 June Astrophysics and Geographical Relevance	21 th June 2021	National online Seminar	Devchand College, Arjunnagar, Kolhapur
3.	Dr. V. P. Gorde	Impact of Covid-19 on Tourism and Geo-Economic Revival	22 th June 2021	National online Seminar	Devchand College, Arjunnagar, Kolhapur
4.	Dr. V. P. Gorde	Sustainable Development Goals: Initiative,	10 th June 2021	International E-Conference	Gramin (ACS) Mahavidyalaya, Vasmatnagar

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		Execution and Challenges			kotgyal Dist. Nanded
5.	Dr. V. P. Gorde	Jalshakti Abhiyan 2021 – Catch the Rain	7 th June 2021	Uni. Level e-workshop	M. G. College, Armori, Dist. Gadchiroli
6.	Dr. V. P. Gorde	Population and Resource Management	6 th Apr 2021	National online Seminar	P.Vikhe Patil College of Arts, Science and Commerce College, Pravarnagar
7.	Dr. V. P. Gorde	Post Covid -19 Socio -Economic Impact on India	10 th Mar 2021	National online webinar	Govt. Gundadhur P.G. College Kondagaon
8.	Dr. V. P. Gorde	QGIS	27 th Mar 2021	National online webinar	N.S. SR'S Arts & Commerce College, Chausala Dist. Bid
9.	Dr. V. P. Gorde	Covid-19 its Impact on Global Tourism	23 th Mar 2021	International E-Conference	Rajashri Shahu Mahavidyalaya, Latur
10.	Dr. V. P. Gorde	Recent Trends of socio – economic and environmental issues in India	19 th Mar 2021	National online webinar	S.S.D. Arts & Commerce College, Talegaon dhamdhare dist. pune
11.	Dr. V. P. Gorde	Spatial dimensional of life on land: socio – environmental concern	6 th Mar 2021	National online webinar	S.K.P. Govt. PG College, Dewas M.P.
12.	Dr. V. P. Gorde	Tourism in India, explore the unexplored	3 rd Mar 2021	National online webinar	Kirti M. Doongrusee College of Arts, Science & Commerce College, Mumbai
13.	Dr. V. P. Gorde	Water resource management using geo-spatial technology	18 th Feb 2021	National e Seminar	Rajashri Shahu Mahavidyalaya, Latur
14.	Dr. V. P. Gorde	The new cra in geography: geoinformatics	13 th Feb 2021	National E-Conference	S.I. Pati Arts, G.B. Patel Science & S.T.K.V.S.

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					Commerce College, Shahada Dist. Nandurbar
15.	Dr. V. P. Gorde	Intellectual Property Right	5 th Feb 2021	National online webinar	Shikshan maharshi Dr. Bapuji Salunke College, Miraj
16.	Dr. V. P. Gorde	Westland system	2 nd Feb 2021	International online webinar	Punyashlok Ahilyadevi Holkar Solapur University
17.	Dr. V. P. Gorde	New agriculture reform in India, 2020: concern, issue and impact	29 th Jan 2021	National online webinar	B.B.Arts, N.B.Commerce & B.P.Science College, Digras Dist. Yavatmal
18.	Dr. V. P. Gorde	Application of Geo informatics in Geography	28 th Jan 2021	National online webinar	Devchand College, Arjunnagar, Kolhapur
19.	Dr. V. P. Gorde	Impact of Covid-19 on Higher Education	28 th Jan 2021	National online webinar	G.T.Patil College, Nandurbar
20.	Dr. V. P. Gorde	An effect of Covid-19 on Global Tourism	25 th Jan 2021	National online webinar	Padmabhushan Vasantdada Patil Mahavidyalaya, Tasgaon Dist. Sangali
21.	Dr. V. P. Gorde	Role of earth sciences in nature & human interaction	23 th Jan 2021	National online webinar	Shankarrao Chavhan Mahavidyalaya, Ardhapur Dist. Nanded
22.	Dr. V. P. Gorde	Geography: Today and Tomorrow	21 th Jan 2021	National e Seminar	Azad Mahavidyalaya, AUSA
23.	Dr. V. P. Gorde	Impact of Covid-19 On Environment: A Geographical Perspective	20 th Jan 2021	National webinar	Pankaj Arts and Science College, Chopda
24.	Dr. V. P. Gorde	Rural Development and Transformation of Rural Environment	12 th Jan 2021	International Webinar	Govt. College Pathriya Damoh.

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25.	Dr. V. P. Gorde	Impact of Covid-19 On Conservation of Biodiversity, Environment & Water Resources	3 rd Dec 2020	National e Seminar	M. G. College, Armori, Dist. Gadchiroli
26.	Dr. V. P. Gorde	Career Opportunities in Geoinformatics	20 th Nov. 2020	National online webinar	Nya, T.A. Arts, Ved. S, R, Sarpe Commerce and Vid, D.P. Science College Devrukh Dist. Ratnagiri
27.	Dr. V. P. Gorde	Covid-19 & change in environment	9 th Nov. 2020	National webinar	Dr. Annasaheb G.D. Bendale Mahila Mahavidyalaya, Jalgaon
28.	Dr. V. P. Gorde	Recent Trends and Issues in Social Science & Science Towards Sustainable Development	10 th Oct. 2020	International Online Conference	Sant Ramdas Arts, Commerce and Science College, Ghansawangi
29.	Dr. V. P. Gorde	National education policy	30 th Sept. 2020	National web seminar	Dr. N.D. Patil Mahavidyalaya, Malkapur - Perid
30.	Dr. V. P. Gorde	COVID -19 & Sustainable Tourism: Challenges	28 th Sept. 2020	National online webinar	B.P.Arts,S.M.A. Science & K.K.C. Commerce College, Chalisgaon
31.	Dr. V. P. Gorde	Next Generation Libraries	22 th Sept. 2020	National E - Seminar	M.G. College, Armori Dist. Gadchiroli
32.	Dr. V. P. Gorde	Environmental Changes, Biodiversity & Sustainable Resource Management	10 th Sept. 2020	International Online Conference	S.B.P. Arts, Commerce & Science College, Mandrup Dist. Solapur
33.	Dr. V. P. Gorde	Recent Trends in Geography	29 th Aug. 2020	National online webinar	Radhabai Kale Mahila Mahavidyalaya, Ahmednagar

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34.	Dr. V. P. Gorde	Environment Issue & livelihoods	29 th Aug. 2020	National online webinar	Vasundhara College, Ghatnandur & Late Shankarrao Gutte College, Dharampuri
35.	Dr. V. P. Gorde	Environment and Urbanization	18 th Aug. 2020	National online webinar	Arts, Commerce & Science College, Onde Dist Palghar
36.	Dr. V. P. Gorde	Geo – Environmental Impact and Challenges Before and After COVID -19	16 th Aug. 2020	National E-Conference	Shree Shivaji Arts & Commerce College, Rajura Dist. Chandrapur
37.	Dr. V. P. Gorde	Agriculture and rural development: special issue, challenges & approaches	10 th Aug. 2020	International Online Conference	Sant Damaji Mahavidyalaya, Mangalvedha Dist Solapur
38.	Dr. V. P. Gorde	Role of Satellite Remote Sensing and GIS in Geographical Studies	7 th Aug. 2020	National online webinar	Shree Santaji Arts & Science College, Palandur
39.	Dr. V. P. Gorde	Mystery of Crater lake – Lonar, India	11 th July 2020	National online Seminar	Rajashri Shahu Mahavidyalaya, Latur
40.					
41.	Dr. V. P. Gorde	Origin of Monsoon & Its Impact	9 th July 2020	National webinar	Late N.P.W. Arts, And Science College, Murmadi/ Tup
42.	Dr. V. P. Gorde	Career advancement scheme (CAS) for promotion of teachers & filling of API forms.	3 rd July 2020	National webinar	N.H. College, Bramhpuri
43.	Dr. V. P. Gorde	Techniques of Acquiring API score and Submitting PBAS for University	24 th June 2020	National webinar	Lokmanya Mahavidyalaya, Warora Dist. Chandrapur

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		and College Teachers			
44.	Dr. V. P. Gorde	Geographical Perspective of Socio-Economical Future Trends in India	20 th June 2020	National webinar	Shripatrao Chougale Arts and Science College, Malwadi, Kotoli.
45.	Dr. V. P. Gorde	Environmental Degradation & Disaster in India	18 th & 19 th June 2020	National online Seminar	Borholla College, District Jorhat (Assam)
46.	Dr. V. P. Gorde	Environmental Challenges, Problem & Remedies	12 th June 2020	National Conference	Shivshakti Arts and Commerce College, Bhabhulgaon
47.	Dr. V. P. Gorde	Climate Change and Its Impact	10 th June 2020	National online webinar	Jagat Arts & Indiraben Hariharbhai Patel Science College, Goregaon
48.	Dr. V. P. Gorde	IPR & E -Content Development	8,9 & 10 th June 2020	National online webinar	Rajaram College, Kolhapur
49.	Dr. V. P. Gorde	Sustainable Development & Environment Issue	7 th June 2020	International Online Conference	Mandesh Mahavidyalaya, Junoni Tq. Sangola Dist. Solapur
50.	Dr. V. P. Gorde	The Impact of Covid -19 Pandemic on Human Being and Environment	5 th June 2020	State level online webinar	Late N.P.W. Arts, And Science College, Lakhani Dist. Bhandara
51.	Dr. V. P. Gorde	ICT for Effective Teaching and Learning	2 th June 2020	National online webinar	Shri. R.R. Lahoti College Of Science, Morshi
52.	Prof. V. Padole	Jalshakti Abhiyan 2021 – Water Replenishment	21 st June 2021	Uni. Level e - Training workshop	M. G. College, Armori, Dist. Gadchiroli
53.	Prof. V. Padole	Jalshakti Abhiyan 2021 – Catch the Rain	7 th June 2021	Uni. Level e-workshop	M. G. College, Armori, Dist. Gadchiroli
54.	Prof. V. Padole	Impact of Covid-19 On Conservation of Biodiversity,	3 rd Dec 2020	National e Seminar	M. G. College, Armori, Dist. Gadchiroli

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		Environment & Water Resources			
55.	Prof. V. Padole	Next Generation Libraries	22 th Sept. 2020	National E - Seminar	M.G. College, Armori Dist. Gadchiroli
56.	Prof. V. Padole	National Webinar on 'Digital Humanities: Opportunities and Challenges'	5 th Feb. 2021	National Webinar	Chhatrapati Shivaji College, Satara
57.	Prof. V. Padole	Two Day National Webinar on Depiction of India in English Literature	28 th & 29 th May 2021	Two Day National Webinar	V.N.G. I.A. S. S., Nagpur
58.	Dr. V. I. Kahalkar	D. P. Bhosale College, Koregaon	online One day National e-Seminar		
59.	Dr. V. I. Kahalkar	Raje Dharmarao College of science Aheri.	online One day National Webinar		
60.	Dr. V. I. Kahalkar	One day National Webinar	online One day National Webinar		
61.	Prof. Dr. V. Revatakar	Impact of Covid-19 on Tourism and Geo-Economic Revival	22 th June 2021	National online Seminar	Devchand College, Arjunnagar, Kolhapur
62.	Prof. Dr. V. Revatakar	Summer Solstice - 21 June Astrophysics and Geographical Relevance	21 th June 2021	National online Seminar	Devchand College, Arjunnagar, Kolhapur
63.	Prof. Dr. V. Revatakar	Jalshakti Abhiyan 2021 - Water Replenishment	21 th June 2021	Uni. Level e - Training workshop	M. G. College, Armori, Dist. Gadchiroli
64.	Prof. Dr. V. Revatakar	Sustainable Development Goals: Initiative, Execution and Challenges	10 th June 2021	International E-Conference	Gramin (ACS) Mahavidyalaya, Vasmatnagarkotg yal Dist. Nanded
65.	Prof. Dr. V. Revatakar	Jalshakti Abhiyan 2021 - Catch the Rain	7 th June 2021	Uni. Level e-workshop	M. G. College, Armori, Dist. Gadchiroli
66.	Prof. Dr. V. Revatakar	Effects of Environmental	5 th June 2021	National online webinar	Environment Warriors

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		Degradation in Current Scenario			
67.	Prof. Dr. V. Revatakar	Learning Management system	4 th May 2021	National. Level e- workshop	N.T.A.A.V.S.R.S .C. College Devrukh. Ratnagiri
68.	Prof. Dr. V. Revatakar	Women Empowerment	24 th Apr 2021	National online webinar	SPIT-UP & BIET Jhansi.
69.	Prof. Dr. V. Revatakar	Population and Resource Management	6 th Apr 2021	National online Seminar	P.VikhePatil College of Arts, Science and Commerce College, Pravarnagar
70.	Prof. Dr. V. Revatakar	Innovations In Daily Life Under the Intellectual Property Ecosystem	27 th Mar 2021	National online webinar	Govt. Girls P. G. College Ujjain.
71.	Prof. Dr. V. Revatakar	Covid-19 its Impact on Global Tourism	23 th Mar 2021	International E-Conference	RajashriShahuMahavidyalaya, Latur
72.	Prof. Dr. V. Revatakar	Our Role & Responsibility in ending Discrimination Against Women & girls in India	22 nd Mar 2021	National online webinar	Gov. Arts College Salem T.N.
73.	Prof. Dr. V. Revatakar	Recent Trends of socio – economic and environmental issues in India	19 th Mar 2021	National online webinar	S.S.D. Arts & Commerce College, TalegaonDhamdhare dist. pune
74.	Prof. Dr. V. Revatakar	Cultural Environment Pollution	19 th Mar 2021	State Level Webinar	S.S.C. Mahavidyalaya Kolhapur
75.	Prof. Dr. V. Revatakar	Research Frontiers in Geography Post Covide-19	12 th Mar 2021	National online webinar	NagindasKhandwala College Mumbai.
76.	Prof. Dr. V. Revatakar	Spatial dimensional of life on land: socio – environmental concern	6 th Mar 2021	National online webinar	S.K.P. Govt. PG College, Dewas M.P.


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77.	Prof. Dr. V. Revatakar	Tourism in India, explore the unexplored	3 rd Mar 2021	National online webinar	Kirti M. Doongrusee College of Arts, Science & Commerce College, Mumbai
78.	Prof. Dr. V. Revatakar	Research Methodology in Sciences: Issues & Emerging Trends	18 th Feb 2021	National online webinar	S. K. P. Govt. P.G. College Dewas
79.	Prof. Dr. V. Revatakar	Water resource management using geo-spatial technology	18 th Feb 2021	National e Seminar	RajashriShahuMahavidyalaya, Latur
80.	Prof. Dr. V. Revatakar	MS-OFFICE : A Teaching Tool	18 th Feb 2021	National online webinar	Adarsh Arts, & Commerce College DesaigangWadsa
81.	Prof. Dr. V. Revatakar	Covid-19 Effect on Environment	15 th Feb 2021	National online webinar	V. P. Arts, Commerce & science College, Pathoda.Dist-Beed.
82.	Prof. Dr. V. Revatakar	The new era in geography: geoinformatics	13 th Feb 2021	National E-Conference	S.I. PatiArts,G.B. Patel Science & S.T.K.V.S. Commerce College, Shahada Dist. Nandurbar
83.	Prof. Dr. V. Revatakar	Intellectual Property Right	5 th Feb 2021	National online webinar	Shikshanmaharshi Dr. BapujiSalunke College, Miraj
84.	Prof. Dr. V. Revatakar	Westland system	2 nd Feb 2021	International online webinar	PunyashlokAhilyadeviHolkarSolapur University
85.	Prof. Dr. V. Revatakar	New agriculture reform in India, 2020: concern, issue and impact	29 th Jan 2021	National online webinar	B.B.Arts, N.B.Commerce& B.P.Science College, Digras Dist. Yavatmal
86.	Prof. Dr. V. Revatakar	Application of Geo informatics in Geography	28 th Jan 2021	National online webinar	Devchand College, Arjunagar, Kolhapur

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87.	Prof. Dr. V. Revatakar	Impact of Covid-19 on Higher Education	28 th Jan 2021	National online webinar	G.T.Patil College, Nandurbar
88.	Prof. Dr. V. Revatakar	An effect of Covid-19 on Global Tourism	25 th Jan 2021	National online webinar	Padmabhushan Vasantdada Patil Mahavidyalaya, Tasgaon Dist. Sangali
89.	Prof. Dr. V. Revatakar	Role of earth sciences in nature & human interaction	23 th Jan 2021	National online webinar	Shankarrao Chavhan Mahavidyalaya, Ardhapur Dist. Nanded
90.	Prof. Dr. V. Revatakar	Geography: Today and Tomorrow	21 th Jan 2021	National e Seminar	Azad Mahavidyalaya, Ausa
91.	Prof. Dr. V. Revatakar	Impact of Covid-19 On Environment: A Geographical Perspective	20 th Jan 2021	National webinar	Pankaj Arts and Science College, Chopda
92.	Prof. Dr. V. Revatakar	Biodiversity Conservation	14 th Jan 2021	National webinar	Govt. College Khilchipur, Rajgarh, M.P.
93.	Prof. Dr. V. Revatakar	Effective Skills for Research Paper & Research Proposal	12 th Jan 2021	National webinar	I.G.S. College Of Arts Commerce & Science Khed Dist- Ratnagiri.
94.	Prof. Dr. V. Revatakar	How to write research proposal in Various Funding Agencies	12 th Jan 2021	National webinar	A.R. Arts, Comm. & Science College Vaibhavwadi, Dist- Sindhudurg.
95.	Prof. Dr. V. Revatakar	Rural Development & Transformation of Rural Environment	12 th Jan 2021	International webinar	Govt. College Patharia Damoh. M.p.
96.	Prof. Dr. V. Revatakar	Impact of Covid-19 On Indian Tourism Industry	9 th Jan 2021	National online webinar	I.G.S. College Of Arts Commerce & Science Khed Dist- Ratnagiri.
97.	Prof. Dr. V. Revatakar	Geo-Informatics And Disaster Management.	7 th Jan 2021	National online webinar	Yashwantrao Chavan Warana Mahavidyalaya, Warnanagar

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98.	Prof. Dr. V. Revatakar	Impact of Covid-19 On Conservation of Biodiversity, Environment & Water Resources	3 rd Dec 2020	National e Seminar	M. G. College, Armori, Dist. Gadchiroli
99.	Prof. Dr. V. Revatakar	Innovative Library Services	10 th Oct. 2020	National online webinar	Dr.R.G. Rathod Arts & Science College Murtizapur.Dist-Akola
100	Prof. Dr. V. Revatakar	Recent Trends and Issues in Social Science & Science Towards Sustainable Development	10 th Oct. 2020	International Online Conference	Sant Ramdas Arts, Commerce and Science College, Ghansawangi
101	Prof. Dr. V. Revatakar	National education policy	30 th Sept. 2020	National web seminar	Dr. N.D. PatilMahavidyalya, Malkapur - Perid
102	Prof. Dr. V. Revatakar	COVID -19 & Sustainable Tourism: Challenges	28 th Sept. 2020	National online webinar	B.P.Arts,S.M.A. Science & K.K.C. Commerce College, Chalisgaon
103	Prof. Dr. V. Revatakar	Global Climate Changes & Cities: Risks & Resilience	24 th Sept. 2020	National online webinar	Devchand College, Arjunagar
104	Prof. Dr. V. Revatakar	Next Generation Libraries	22 th Sept. 2020	National E - Seminar	M.G. College, Armori Dist. Gadchiroli
105	Prof. Dr. V. Revatakar	Ozone Depletion : Human Activity	16 th Sept. 2020	National online webinar	ShriChhatrapatiS hivajiCollege,Om erga
106	Prof. Dr. V. Revatakar	Environmental Changes, Biodiversity & Sustainable Resource Management	10 th Sept. 2020	International Online Conference	S.B.P. Arts, Commerce & Science College, Mandrup Dist. Solapur
107	Prof. Dr. V. Revatakar	NAAC Assessment and Accreditation Process	31 st Aug. 2020	National online webinar	Gondwana University Gadchiroli

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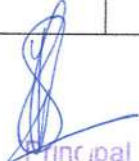
108	Prof. Dr. V. Revatakar	Geo – Environmental Impact and Challenges Before and After COVID -19	16 th Aug. 2020	National E-Conference	Shree Shivaji Arts & Commerce College, Rajura Dist. Chandrapur
109	Prof. Dr. V. Revatakar	Role of Satellite Remote Sensing and GIS in Geographical Studies	7 th Aug. 2020	National online webinar	Shree Santaji Arts & Science College, Palandur
110	Prof. Dr. V. Revatakar	Mystery of Crater lake – Lonar, India	11 th July 2020	National online Seminar	RajashriShahuMahavidyalaya, Latur
111	Prof. Dr. V. Revatakar	Origin of Monsoon & Its Impact	9 th July 2020	National webinar	Late N.P.W. Arts, And Science College, Murmadi/ Tup
112	Prof. Dr. V. Revatakar	Career advancement scheme (CAS) for promotion of teachers & filling of API forms.	3 rd July 2020	National webinar	N.H. College, Bramhpuri
113	Prof. Dr. V. Revatakar	Environmental Degradation & Disaster in India	19 th June 2020	National online Seminar	Department of Geography , Borholla College Jorhat Assam
114	Prof. Dr. V. Revatakar	Role of Remote Sensing Technology in Geography Research & Disaster Studies	19 th June 2020	National webinar	KonkanGyanpeethUran College Of Commerce And Arts
115	Prof. Dr. V. Revatakar	Recent NAAC Procedure for Assessment & Accreditation	17 th June 2020	State webinar	M. G. College, Armori
116	Prof. Dr. V. Revatakar	Impact of Covid 19 Pandemic in Context of socio Economic life, International Relationship and Health Care	15 th to 16 th June 2020	International Online webinar	M. G. College, Armori


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117	Prof. Dr. V. Revatakar	Intellectual Property Rights	12 th June 2020	National webinar	Smt. L.R.T. College Of Commerce, Akola
118	Prof. Dr. V. Revatakar	NAAC Awareness and Procedure to be Followed Under The Revised Assessment & accreditation Framework	12 th June 2020	National webinar	Dr. Ambedkar College Nagpur
119	Prof. Dr. V. Revatakar	Environmental Challenges, Problem & Remedies	12 th June 2020	National Conference	Shivshakti Arts and Commerce College, Bhabhulgaon
120	Prof. Dr. V. Revatakar	Climate Change and Its Impact	10 th June 2020	National online webinar	Jagat Arts & Indiraben Harisharbhai Patel Science College, Goregaon
121	Prof. Dr. V. Revatakar	IPR & E -Content Development	8,9 & 10 th June 2020	National online webinar	Rajaram College, Kolhapur
122	Prof. Dr. V. Revatakar	The Value of Values	8 th June 2020	National online webinar	Vedanta College Mumbai
123	Prof. Dr. V. Revatakar	Sustainable Development & Environment Issue	7 th June 2020	International Online Conference	Mandesh Mahavidyalaya, Junoni Tq. Sangola Dist. Solapur
124	Prof. Dr. V. Revatakar	The impact of Covid-19 on Indigenous Peoples In India	6 th June 2020	National online webinar	Lokmanya Mahavidyalaya, Warora
125	Prof. Dr. V. Revatakar	The Impact of Covid -19 Pandemic on Human Being and Environment	5 th June 2020	State level online webinar	Late N.P.W. Arts, And Science College, Lakhani Dist. Bhandara
126	Prof. Dr. V. Revatakar	Biodiversity: Governance, Management And Awareness	5 th to 7 th June 2020	National online webinar	School Of Inspiration Living, India.
127	Dr. J. Papadkar	<i>Actively participated in five days online skill</i>	<i>09 to 13 April 2020</i>		<i>organized by Gondwana University Gadchiroli</i>


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		<i>enhancement Webinar</i>			
128	Dr. J. Papadkar	<i>Organized online Quiz on COVID-19 through whats App group</i>	<i>01 day</i>		<i>Dept of zoology, computer science of Mahatma Gandhi college Armori</i>
129	Dr. J. Papadkar	<i>Participated and qualified in online quiz on COVID-19</i>	<i>04 to 17 May 2020</i>		<i>Dept of Physical education dept of Mahatma Gandhi college Armori</i>
130	Dr. J. Papadkar	<i>Participated and qualified in online quiz on COVID-19</i>	<i>16/05/2020</i>		<i>ShriSatguruSaiba ba College Ashti</i>
131	Dr. J. Papadkar	<i>Participated in Three days FDP programme Title Introduction to Computers</i>	<i>23rd to 25th April 2020</i>		
132	Dr. J. Papadkar	<i>Participated and qualified in online quiz on COVID-19, general computer awareness quiz competition</i>	<i>18/05/20</i>		<i>organize by administrative dept Ambedkar college Bhamhapuri</i>
133	Dr. J. Papadkar	<i>Participated and qualified in online quiz on COVID-19, E-quiz on digital libraries and library automaton</i>	<i>20/05/20</i>		<i>Library dept Mahatma Gandhi college Armori</i>
134	Dr. J. Papadkar	<i>New education policy pots COVID-19</i>	<i>20 may 2020</i>		<i>Shivaji science college NAGPUR</i>
135	Dr. J. Papadkar	<i>Service Book And Services</i>	<i>25/05/2020</i>		<i>Sent Joseph college Stpala Virar Mumbai</i>
136	Dr. J. Papadkar	<i>International web conference on science and</i>	<i>15-16/05/2020</i>		<i>IWCSET</i>



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		<i>technology IWCSET</i>			
137	Dr. J. Papadkar	<i>Participated and qualified in online quiz on College And Public Admiration awareness</i>	<i>12/5/2020</i>		<i>Dnyanesh college Nwargaon</i>
138	Dr. J. Papadkar	<i>Participated and qualified in online quiz on G,K,</i>	<i>may June 2020</i>		<i>S. R. M. college Social work Chandrapur</i>
139	Dr. J. Papadkar	<i>National webinar on Designing Google Form</i>	<i>27 May 2020</i>		<i>B.M. Rula Girls college Mumbai</i>
140	Dr. J. Papadkar	<i>Participated and qualified in online quiz on NAAC revised Accreditation framework</i>	<i>04/06/2020</i>		<i>Dr Ambedkar College Chandrapur</i>
141	Dr. J. Papadkar	<i>National Webinar on Impact of COVID 19 on Public Administration</i>	<i>31 May 2020</i>		<i>Maharashtra Udayagiri College UDGIR</i>
142	Dr. J. Papadkar	<i>Workshop on Patent, Intellectual property right and pateomatic</i>	<i>30 May 2020</i>		<i>Right solution Consultancy, Jaipur</i>
143	Dr. J. Papadkar	<i>National Webinar on Post CORONA Society and Mankind</i>	<i>3 to 7 June 2020</i>		<i>Lokmanya Tilak Mahavidyalaya Wani Yawatmal</i>
144	Dr. J. Papadkar	<i>FDP on Evolution from offline to online</i>	<i>30 May to 3rd June 2020</i>		<i>Stish Pradhan Dhansadhana College Thane</i>
145	Dr. J. Papadkar	<i>One day webinar on NAAC accreditation in rural colleges problems and prospects</i>	<i>21 May 2020</i>		<i>Dr Ambedkar College Bramhapuri</i>
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Faculty Participation in Conference/Seminars/Workshops:

Activity	International Conf./Sem.	National Conf./Sem.	State/University Conf./Sem.	National Workshops	State/University Workshops	Total
Attended	13	128	03	-	-	144

Minor Research Projects Ongoing:

Sr. No.	Name of Investigator	Subject	Major /Minor	Funding Agency	Amount Sanctioned	Status
1.	Dr. Vasanta I Kah	Botany	Minor	UGC	Rs.7,12,080/-	Ongoing

Seminar/conference organized:

SN	Name of faculty	Place	Date	Topic	Type	Title of research paper presented (attach proof)
	Prof. S. M. Sonttake; Dr. S. S. Kola & Dr. Naresh D. Bansod	M. G. College, Armori	7 th August 2020	International conference on Multifunctional advanced material.	International conference	NIL
1.	Dr. D. P. Gorde	M. G. College, Armori	3 rd Dec 2020	Impact of Covid-19 On Conservation of Biodiversity, Environment & Water Resources	National e Seminar	NIL
2.	Dr. D. P. Gorde	M. G. College, Armori	7 th June 2021	Jalshakti Abhiyan 2021 – Catch the Rain	Uni. Level e-workshop	NIL
3.	Dr. D. P. Gorde	M. G. College, Armori	21 th June 2021	Jalshakti Abhiyan 2021 – Water Replenishment	Uni. Level e - Training workshop	NIL
4	Dr.V.I. Kahalkar	M. G. College, Armori	24 th October 2020	Impact of Covid-19: Reimaging of Life Sciences	International Level E-Seminar	Nil
5.	Prof. S. Gedam	M. G. College, Armori	10 th October 2020	National E- Seminar on Advance in Physics and Mathematical science	National Seminar	Nil

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6.	Prof. Meshram	P.	M. College, Armori	G.	3 rd Dec 2020	Impact of Covid-19 On Conservation of Biodiversity, Environment & Water Resources	National e Seminar	NIL
7	Prof. Meshram	P.	M. College, Armori	G.	7 th June 2021	Jalshakti Abhiyan 2021 – Catch the Rain	Uni. Level e-workshop	NIL
8	Prof. Meshram	P.	M. College, Armori	G.	21 th June 2021	Jalshakti Abhiyan 2021 – Water Replenishment	Uni. Level e - Training workshop	NIL
9	Prof. Revatakar	V. J	M. College, Armori	G.	June 2020	Sub: - कोरोना प्रभावोत्तर भारतीय समाजजीवनापुढील आव्हाने आणि उपाय सहभाग :- १२३ निबंध प्राप्त – विविध विद्यापीठातील १२३ विद्यार्थ्यांचा सहभाग	State level Essay Competition	
10	Prof. Revatakar	V. J	M. College, Armori	G.	30 Sept. 2020	देशभरातील मराठी, हिंदी आणि इंग्रजी भाषेतील नामांकित कवींचा सहभाग	National Level Poets Meet	
11	Prof. Revatakar	V. J	M. College, Armori	G.	12 January 2021	भाषा आणि भाषेचे महत्त्व या विषयावर डॉ. सुदर्शन दिवसे यांचे व्याख्यान, ६० प्रतिनिधी सहभागी झाले.	Organized Guest Lecture on the Occasion of Marathi Bhasha Sanvardhan Pandharwada	
12	Prof. Revatakar	V. J	M. College, Armori	G.	27 Feb 2021	कवी कुसुमाग्रज यांना आदरांजली वाहण्यात आली त्यांचे कार्य समजून घेता आले. ७० प्रतिनिधी सहभागी	Marathi Bhasha Din	
13	Prof. Revatakar	V. J	M. College, Armori	G.	6 June 2021	शिवाजी महाराज यांना आदरांजली वाहण्यात आली. त्यांचे कार्य समजून घेता आले. ८० प्रतिनिधी सहभागी	Shivswarajy Din	
14	Prof. Kadav	G.	M. College, Armori	G.	7 & 8 July 2020	Higher Education and Ideal Citizenship	State level	
15	Dr. Vasanta I. Kahalkar		M. College, Armori	G.		Impact of Covid-19: Reimaging of Life Sciences” held on 24 th October 2020.	International e-Seminar	
16	Dr. Jayesh N. Papadkar		M. College, Armori	G.	24 th October 2020	One day International e- seminar on Impact of covid 19	International e-Seminar	

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				-Reimaging of life Sciences		
17	Dr. C. P. Dorlikar	MGC ARMORI	03/12/2021	IMPACT OF COVID-19 ON CONSERVATION OF BIODIVERSITY, ENVIRONMENT AND WATER RESOURCES	National	
18	Dr. C. P. Dorlikar	MGC ARMORI	07/06/2021	JALSHAKTI ABHIYAN-2021 CATCH THE RAIN	National	
19	Dr. C. P. Dorlikar	MGC ARMORI	21/06/2021	JALSAKSHARTA ABHIYAN-21 GROUNDWATER REPLENISHMENT	National	
20	Dr. Naresh D. Bansod & Dr. Satish Kol	MGC ARMORI	30/07/2021	IPR & Research Methodology	National	

Refresher (faculty learner):

Sr. No.	Faculty name	Place	Duration	Sponsoring agency
1.	Dr. V. P. Gorade	Ramanujan College, Delhi JNU Delhi University, Delhi (FDP)	18 th may 2020 to 3 rd June 2020	Ministry of HRD
2.	Dr. V. P. Gorade	Rani Durgavati University, Jabalpur, (Madhya Pradesh) (Refresher Course)	12 th Oct 2020 to 24 th Oct 2020	UGC HRDC
3.	Dr. V. I. Kahalkar	H.R.D.C., Sagar University, M.P.	8 th March to 22 th March 2021	UGC
4	Dr. S. Gedam	Swayam On line Refresher course 'Refresher Course on Teacher & Teaching in higher Education	1 Dec.2020 -31 March 2021 (ongoing)	Swayam
5.	Dr. Parang Meshram	Rani Durgavati University, Jabalpur, (Madhya Pradesh) (Refresher Course)	12 th Oct 2020 to 24 th Oct 2020	UGC HRDC
6.	Prof. V. J Revatakar	Human Resource Development Centre Rashtrasant Tukdoji	7/12/2020 to 19/12/2020	UGC

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		Maharaj Nagpur University Nagpur		
7.	Dr. C. P. Dorlikar	Online Refresher course in EARTH SYSTEM AND EXO- METEROLOGY	17.08.2020-29.08.2020	UGC/HRDC ASC Osmania University Hyderabad

Number of teachers undergoing online/face-to-face Faculty development Programmes (FDP) during the year

Sr. No.	Year	Name of the teacher who attended	Title of the professional development programme	Duration From	TO	Duration
1	2020-21	Dr. Gajendra M. Kadhav	Faculty Devolment Programme	20/04/2020	06/05/2020	16
2	2020-21	Dr. Vasanta I. Kahalkar	Faculty Devolment Programme	18/05/2020	03/06/2020	16
3	2020-21	Dr. Vijay H.Raiwatkar	Faculty Devolment Programme	18/05/2020	03/06/2020	16
4	2020-21	Prof. Parang Meshram	Faculty Induction Programme	18/05/2020	03/06/2020	16
5	2020-21	Dr. Vijay P. Gorde	Faculty Devolment Programme	18/05/2020	03/06/2020	16
6	2020-21	Dr. Gajendra M. Kadhav	Faculty Devolment Programme	22/05/2020	28/05/2020	08
7	2020-21	Dr. Satish S. Kola	Faculty Devolment Programme	25/05/2020	05/06/2020	12
8	2020-21	Prof. Sunanda B. Kumre	Induction Programme	04/06/2020	01/07/2020	26
9	2020-21	Dr. Satish S. Kola	Orientation Programme	04/06/2020	01/07/2020	26
10	2020-21	Prof. Sneha Mohurale	Induction Programme	04/06/2020	01/07/2020	26
11	2020-21	Prof. Nomes N. Meshram	Faculty Devolment Programme	25/07/2020	10/08/2020	16
12	2020-21	Prof. Sunanda B. Kumare	Faculty Development Programme	08/06/2020	14/06/2020	07
13	2020-21	Prof. Priyadarshan Ganvir	Refresher Course	17/08/2020	29/08/2020	12
14	2020-21	Dr. Naresh D. Bansod	Orientation Programme	01/09/2020	30/09/2020	30
15	2020-21	Prof. Anil P. Rauth	Orientation Programme	01/09/2020	30/09/2020	30
16	2020-21	Prof. Vaibh P. Padole	Orientation Programme	01/09/2020	30/09/2020	30
17	2020-21	Dr. Vijay P. Gorde	Refresher Course	12/10/2020	24/10/2020	12
18	2020-21	Prof. Parang S.Meshram	Refresher Course	12/10/2020	24/10/2020	12
19	2020-21	Dr. Vijay H. Raiwatkar	Refresher Course	07/12/2020	19/12/2020	12
20	2020-21	Prof. Sneha Mohurale	Faculty Devolment Programme	14/12/2020	20/12/2020	07

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21	2020-21	Prof. Gajanan V. Borkar	Induction Programme	01/02/2021	05/03/2021	33
22	2020-21	Dr. Vasanta I.Kahalkar	Refresher Course	08/03/2021	22/03/2021	14
23	2020-21	Prof. Gajanan V. Borkar	Refresher Programme	26/04/2021	11/05/2021	16
24	2020-21	Dr. Manoj M. Thaore	Faculty Devolment Programme	10/05/2021	18/05/2021	10

A one-day E-National conference organised by research and development committed, on “**Intellectual Property Rights & Research Methodology**” on 30/07/2021. The mode of conference was online via zoom and you tube platform. Dr. M. M. Betkar, and Dr. Devdatta Tare, were the resource persons for this workshop. The organiser of this conference was Principal Dr. L. H. Khalsa, and Dr. Naresh D. Bansod and Dr. S. S. Kola was convenor of this conference.

Brochure of the conference:

Manoharbhai Shikshan Prasarak Mandal Armori
Mahatma Gandhi Arts, Science and Late Nasaruddinbhai Panjwani
Commerce College
 Armori, Dist-Gadchiroli (M.S.), India - 441208
 NAAC Reaccredited with 'A' Grade
One Day National e-Conference
On
"INTELLECTUAL PROPERTY RIGHTS & RESEARCH
METHODOLOGY"
FRIDAY, 30th JULY 2021, TIME: 10.30 A.M.

Patrons
Hon'ble Smt. Sunitatal Murlidharrao
 Wanmali
 President, M.S.P.M., Armori
Hon'ble Shri Manojbhai Wananraoji
 Wanmali
 Secretary, M.S.P.M., Armori

Organizer
Dr. L. H. Khalsa
 Principal

Convenor
Dr. S. S. Kola
 Assistant Professor,
 Dept. of Chemistry
Dr. N. D. Bansod
 Assistant Professor,
 Dept. of Chemistry

Link for online registration:
<https://forms.gle/Kc7MNDmYUChw9>
 Zoom link to join Conference:
<https://us02web.zoom.us/j/3032836362>
 You tube Link: <https://youtu.be/jd4vrvzUZ>

Why Should You Attend?

- Opportunity to listen leading IPR & research methodology expert.
- Updated information about guideline and norms of Ph. D.
- Networking opportunity with delegates of different fields & backgrounds.
- For smooth & easy conduction of various research operation.
- Certificate of participation with QR code.
- No registration fee for attending conference.

Invited Speakers

Dr. M. M. BETKAR
 Principal
 Shri. Kumarvanshi
 Mahavidyalaya Ansa,
 Dist. Latur.

Dr. DEVDATTA TARE
 Assistant Professor
 Department of Commerce
 Goodness University
 Gadchiroli

Conference platform
Online mode through:

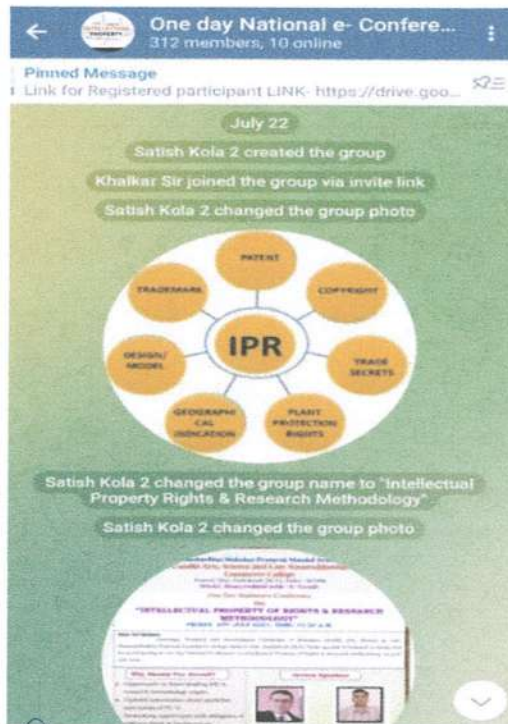
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Conference Schedule:

Conference Schedule		
Session-I		
Ingurational speech	10:30 am to 10:55 am	Dr. L. H. Khalsa
Introduction of Dr. M.M. Betakar	10:55 am to 11:00 am	Dr. S. S. Kola
Invited Talk -1	11:00 am to 12:00 am	Dr. M.M. Betakar
Question and answer	12:00 am to 12:10 pm	
Session-II		
Introduction of Dr. Devdatta Tare	12:10 pm to 12:15 pm	Dr. N. D. Bansod
Invited Talk -2	12.15 pm to 01:15 pm	Dr. Devdatta Tare
Question and answer	01:15 pm to 01:25 pm	
Vote of Thanks	01.25pm to 01.35 pm	Dr. N. D. Bansod

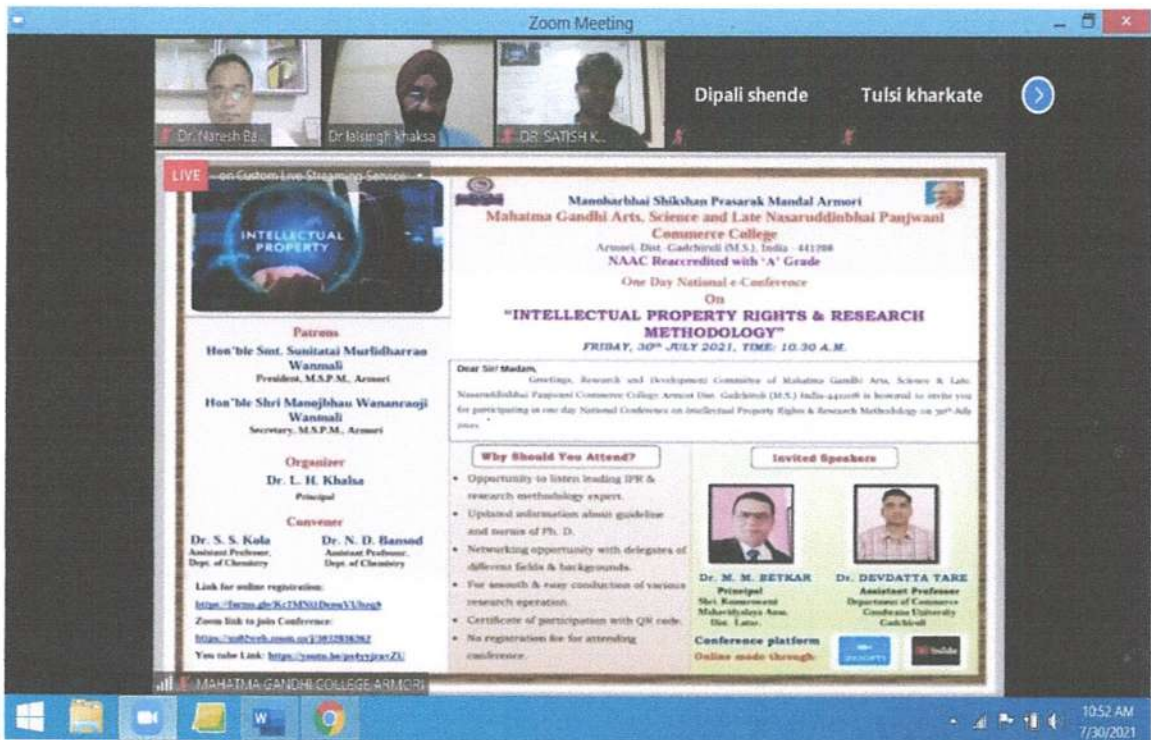
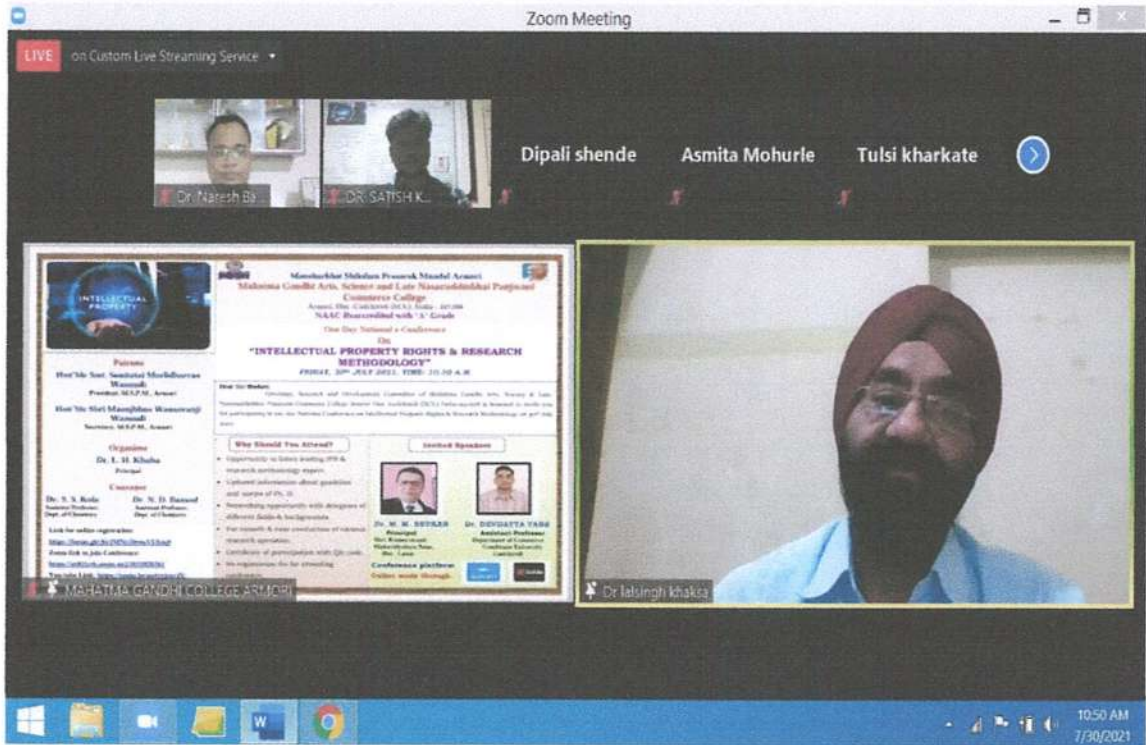
Telegram group screen shot:



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Screen shot of conference:




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Objectives of Presentation...

- To know about **IPs & IPRs**
- To know the process of filing Patents
- To create awareness on IPRs



Dr. BETKAR M M (AUSA) MAHATMA GANDH... Dr. Nareesh Bansod

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Trade Secret

- Known to limited peoples.
- No legal formalities are required to obtain rights
- It's a secret



Dr. BETKAR M M MAHATMA GANDH... Dr. Nareesh Be... DR. SATISH K... Dr. Jalsingh M...

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Progress Report

- ✓ Every registered candidate shall submit to the Controller of Examinations of the University, through guide, the progress report of his research work after every six months in the prescribed form, on or before 20th July and 20th January.
- ✓ S/he shall appear before the Research Advisory Committee once in every six months after his/her registration for Ph.D. programme to make presentation of the progress of his/her work for evaluation and further guidance. The six monthly progress reports of each scholar shall then be submitted by the Research Advisory Committee to the Controller of Examination with a copy to the research Scholar.

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Mission Submission

- 1 All Fee Receipts
All Progress Reports
- 2 Coursework Certificate
Research Papers
- 3 Plagiarism Certificate
Marks Memo
- 4 Report from RAC
No Dues

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Certificate provided to all the participant:




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...तर अपूर्व संशोधनाला वैधता प्राप्त होणे अशक्य प्राचार्य डॉ. बेटकर यांचे प्रतिपादन



आरमोरी (वा.). आयपीआर शिवाय नावीन्यपूर्ण आणि अपूर्व संशोधनाला वैधता प्राप्त होणे अशक्य आहे, असे प्रतिपादन प्राचार्य डॉ. एम. एम. बेटकर यांनी केले.

स्थानिक महात्मा गांधी महाविद्यालयात आयोजित इंटरलेक्च्युअल प्रापटी राईट्स आणि रिसर्च मेथेडॉलॉजी यावर आयोजित एकदिवसीय ऑनलाईन राष्ट्रीय परिषदेत वीजभाषक म्हणून ते बोलत होते. कार्यक्रमाच्या अध्यक्षस्थानी प्राचार्य डॉ. लालसिंग खालसा होते. यावेळी गोंडवाना विद्यापिठातील वाणिज्य विभागाचे सहाय्यक प्रा. डॉ. देवदत्त तारे उपस्थित होते. 2009 नंतर युजीसीनुसार संशोधनाच्या सुधारित नियमानुसार संशोधन करणाऱ्या विद्यार्थ्यांनी संशोधनाच्या मार्गदर्शक नियमांचा अवलंब करून अत्यंत शिस्तबद्ध रितीने शोधप्रबंध सादर करावेत, असे आवाहन केले. प्राचार्य डॉ. लालसिंग खालसा यांनी संशोधन प्रक्रियेत सुसूत्रता व गुणवत्ता असण्याची अपेक्षा व्यक्त केली.

परिषदेत महाराष्ट्राच्या विविध महाविद्यालयातील प्राध्यापक, संशोधक, पदवी व पदव्युत्तर विभागातील विद्यार्थ्यांनी सहभाग घेतला. प्रास्ताविक व संचालन प्रा. डॉ. सतीश कोला यांनी केले. आभार प्रा. डॉ. नरेश बन्सोड यांनी मानले. यशस्वीतेसाठी परिषदेचे समन्वयक डॉ. सतीश कोला, प्रा. डॉ. नरेश बन्सोड, उपप्राचार्य डॉ. चंद्रकांत डोलीकर, आयक्यूएसी प्रमुख प्रा. नमेश मेश्राम, तंत्रसहाय्य प्रा. सुनील चुटे, डॉ. छगन मुगमोडे, डॉ. विजय रैवतकर यांनी सहकार्य केले.

नावीन्यपूर्ण व अपूर्व संशोधनाला वैधता प्राप्त होणे अशक्य : प्राचार्य डॉ. बेटकर

पुण्या नगरी / प्रतिनिधि

आरमोरी. जगातिका स्तरावर संशोधनाला अवलंब महत्त्वाचे स्थान आहे. ज्ञान आणि संशोधनाची प्रक्रिया निरंतर आणि अत्यादात वास्तव असते. तेव्हा विविध क्षेत्रात शोध आणि संशोधन करणाऱ्यांना बौद्धिक मालमत्ता अधिकार प्राप्त होणे हे त्यांच्या संशोधनातील साधना आणि वैधता ठरविण्यासाठी अत्यंत आवश्यक आहे. देशात क्रिपेटिव्ह टिडिया इन्ोवेटिव्ह इंडिया या संकल्पनेअंतर्गत आयपीआरची प्रक्रिया राबविली जात असून संशोधनातील विद्यार्थी, पारदर्शकता विद्यार्थी नेष्ठासाठी आयपीआर हे उत्तम व्यासपीठ आहे. यामुळे संशोधनातील विविध क्षेत्रात

महात्मा गांधी महाविद्यालयात ऑनलाईन राष्ट्रीय परिषद



आणि एम. ए. वाणिज्य महाविद्यालय आरमोरी येथे 'इंटरलेक्च्युअल प्रापटी राईट्स आणि रिसर्च मेथेडॉलॉजी' यावर आयोजित एकदिवसीय ऑनलाईन राष्ट्रीय परिषदेत वीजभाषक म्हणून ते बोलत होते. यादरमिे अध्यक्षस्थानी प्राचार्य डॉ. लालसिंग खालसा होते. वीजभाषक व सधन्यवकी प्राचार्य डॉ. एम. एम. बेटकर, गोंडवाना विद्यापिठात वडविद्येी येथील वाणिज्य विभागातील सहाय्यक प्राध्यापक डॉ. देवदत्त तारे सधन्यवकी म्हणून सहभागी होते. यादरमिे प्राचार्य डॉ. लालसिंग खालसा यांनी संशोधन प्रक्रियेत सुसूत्रता व गुणवत्ता असण्याची अपेक्षा व्यक्त केली. संशोधन कार्यात आयपीआरचे असणारे महत्त्व आणि या अंतर्गत

संशोधनकार्येला प्राप्त होणारे महत्त्व याविषयी मार्गदर्शन केले. या परिषदेत महाराष्ट्रातील विविध महाविद्यालयातील प्राध्यापक, संशोधक, पदवी व पदव्युत्तर विभागातील विद्यार्थ्यांनी सहभाग घेतला. त्यात शुभ फॅटफॉर्मिंजर १,२०० तर युट्यूब लिंकद्वारे ५,३० नोंदणीकृत प्रतिनिधी सहभागी होते. प्रास्ताविक व संचालन प्रा. सतीश कोला वर आभार प्रा. डॉ. नरेश बन्सोड यांनी मानले. परिषदेच्या यशस्वीतेसाठी परिषदेचे समन्वयक डॉ. सतीश कोला, प्रा. डॉ. नरेश बन्सोड, उपप्राचार्य डॉ. चंद्रकांत डोलीकर, प्रा. नमेश मेश्राम, तंत्रसहाय्यक प्रा. सुनील चुटे, डॉ. छगन मुगमोडे, डॉ. विजय रैवतकर यांनी सहकार्य केले.

महात्मा गांधी कला, विज्ञान

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महात्मा गांधी महाविद्यालय में राष्ट्रीय परिषद में बोले बेटकर अनुसंधान को वैधता प्राप्त होना असंभव

■ आरमोरी (सं.) आईपीआर के बगैर नाविण्यपूर्ण तथा अपूर्व अनुसंधान को वैधता प्राप्त होना असंभव है, ऐसा कथन श्रीकुमारस्वामी महाविद्यालय और के प्राचार्य डा. एम. एम. बेटकर ने किया। वे स्थानीय महात्मा गांधी महाविद्यालय में आयोजित इंटरलेक्चरअल प्रापटी राईट्स तथा रिसर्च मेथेडोलॉजी पर आयोजित एकदिवसीय ऑनलाइन राष्ट्रीय परिषद में बीजभाषक के रूप में बोल रहे थे। कार्यक्रम की अध्यक्षता महाविद्यालय के प्राचार्य डा. लालसिंग खालसा ने की। इस समय गोंडवाना विवि के वाणिज्य विभाग के सहाय्यक प्रा. डा. देवदत्त तारे साधन व्यक्ति के रूप में उपस्थित थे। इस समय डा. तारे ने वर्ष 2009 के बाद यूजीसी के अनुसार अनुसंधान की सुधारित नियमों के अनुसार अनुसंधान करने वाले विद्यार्थी अनुसंधान के



मार्गदर्शक नियमों का अवलंब कर व्यापक शिस्तबद्ध रूप से खोजप्रबंध पेश करें ऐसा आह्वान किया। प्राचार्य डा. लालसिंग खालसा ने अनुसंधान की प्रक्रिया में सुसूत्रता व गुणवत्ता रखने की बात कही।

परिषद में महाराष्ट्र के विभिन्न महाविद्यालय के प्राध्यापक, अनुसंधानिक, स्नातक व स्नातकोत्तर विभाग के विद्यार्थियों ने सहभाग लिया।

कार्यक्रम की प्रस्तावना व संचालन प्रा. डा. सतीश कोला ने किया, आभार प्रा. डा. नरेश बन्सोड ने माना। कार्यक्रम की सफलता हेतु परिषद के समन्वयक डा. सतीश कोला, प्रा. डा. नरेश बन्सोड, उपप्राचार्य डा. चंद्रकांत डोलीकर, आईक्यूएसी प्रमुख प्रा. नोमेश मेश्राम, तंत्रसहाय्य प्रा. सुनील चुटे, डा. छगन मुगमोडे, डा. विजय रैवतकर आदि ने प्रयास किया।

Dr. Naresh D. Bansod
Co-ordinator
Research & Development committee

Dr. Satish S. Kola
Co-ordinator
Research & Development committee

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RESEARCH & INNOVATION COMMITTEE
M. G. ART'S, SCIENCE & LATE N. P. COMMERCE COLLEGE, ARMORI
ANNUAL REPORT
2019 – 2020


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Introduction:

To promote a vibrant research culture across all faculties and ensure the college delivers good practice in research that meets the standards, college constituted Research and Innovation Committee under the Board of Knowledge and Resources.

The Director of this board is Dr. C. D. Mungmode.

The committee has following members:

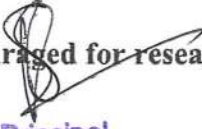
1. Dr. R. N. Chavhan - Co-ordinator
2. Dr. V. I. Kahalkar - Member

The objectives of committee:

1. The Research & Innovation Committee is responsible for assisting the faculty in respect of the establishment and promotion of excellence in the Institute's research and development, and academic and research training activities. This includes the development, review and monitoring of achievements under the Research & Development.
2. The committee also suggests the development and enhancement of the Institute's research capacities. Motivate all Faculties to pursue research in their respective areas of expertise.
3. The protection and commercialization of the Institute's intellectual property.
4. Consultancy activities related to research and innovation.

Activities of committee:

1. A one day workshop on "Recent Advances in Ph.D. Guidelines, Paper Publication and IPR" was organized on 03/03/2020. Dr. Anil Z. Chitade, Director, Board of Examinations and Evaluation, Gondwana University, Gadchiroli, and Dr. Vinod Varghese, HoD, Mathematics, SSR Bharti College, Arni, Yavatmal were the resource persons for this workshop. Principal Dr. L. H. Khalsa was convenor, Dr. C. D. Mungmode was Organizing Secretary, Dr. V. I. Kahalkar was Co-organizing Secretary, Dr. R. N. Chavhan, Prof. S.M. Sontakke were the member of organizing committee.
2. Faculty members were encouraged for research publication and other research related activities. Following are the details.


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1. Published Research Paper :

Sr. No	Name of Teacher	Title of Research Paper	Name of Journal	UGC care listed	Peer-reviewed	ISSN/ISBN	Impact factor
1	Dr. V. I. Kahalkar	Notes on the occurrence of Ipomoea acanthocarpa and Ipomoea laxiflora (Convolvulaceae) in India	International Journal Rheedea	Yes	Yes	0971-2313 (print edition) https://dx.doi.org/10.22244/rheedea.2019.29.1.01	Scopus-0.22
2	Dr. C. D. Mungmode	Photoluminescence in NaCa ₂ Br ₅ :Eu ²⁺ Novel Phosphor.	Int. Res. J. of Science & Engineering 2020; Special Issue A7:64-67	--	Yes	2322-0015	SJIF- 6.68
3	Dr. C. D. Mungmode	Photoluminescence in Eu ³⁺ activated Li ₄ MoO ₅ Phosphor.	AIP Conference Proceeding 2014,020008(2019)	Yes	Yes	1515-7616 (online) 0094-243X (Print) https://doi.org/10.1063/1.5100376	Cite score 0.41 SJR-0.182
4	Dr. C. D. Mungmode	Synthesis and luminescent properties of Eu ³⁺ activated Li ₃ Sr ₂ La ₃ (MoO ₄) ₈ red emitting phosphors	AIP Conference Proceeding 2104,020009 (2019)	Yes	Yes	1515-7616 (online) 0094-243X (Print) https://doi.org/10.1063/1.5100377	Cite score 0.41 SJR-0.182
5	Dr. C. D. Mungmode	Photoluminescence of orthorhombic Li ₂ Mg ₂ (MoO ₄) ₃ crystal doped with Yb ³⁺ ions	AIP Conference Proceeding 2104, 030038 (2019)	Yes	Yes	1515-7616 (online) 0094-243X (Print) https://doi.org/10.1063/1.5100465	Cite score 0.41 SJR-0.182
6	Dr. C. D. Mungmode	Luminescence in Eu ²⁺ Activated (Ca _{5-x} Sr _x) (PO ₄) ₃ Cl (x=0.1,2,4) Phosphor.	International Journal Elseviser: Materials Today Proceedings	Yes	Yes	2214-7853 https://doi.org/10.1063/1.5100465	Cite score - 1.21 SJR-0.299
7.	Dr. R. N. Chavhan	Biodiversity of Macrophytes of lake	Gurukul International	Yes	Yes	2394-8426	6.222

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		Mendki, tahsil Bramhapuri of district Chandrapur, Maharashtra State (India)	Multidisciplinary research Journal (GIMRJ)				
8.	Dr. R. N. Chavhan	“COMPARATIVE STUDY OF PHYSICAL, CHEMICAL AND BIOLOGICAL PARAMETERS OF TWO FRESH WATER PONDS AT GHUGUS UNDER THE BIOTIC STRESS”	International journal Parishodh Journal	Yes	Yes	ISSN NO: 2347-6648	-
9	Dr. Vijay H. Raiwatkar	अर्वाचीनकवींचाकाव्यविचार	National Journal परिवर्तनाचावाटसरू	Yes	Yes	2250-3145	Nil
10	Dr. Vijay H. Raiwatkar	नक्षलवादीचाचळवळीचाप्रभावआणि णवैदर्भीय मराठीआदिवासीकादंबरी	International Journal Ajanta	--	Yes	2277-5730	6.399 (SJIF)
11	Dr. Vijay H. Raiwatkar	राष्ट्रसंततुकडोजीमहाराजांचेसाहित्य यक योगदानआणित्यांचीसाहित्य व कलादृष्टी	International Journal Ajanta	--	Yes	2277-5730	6.399 (SJIF)
12	Prof. Seema T. Nagdeve	Aeromycological studies over Two Rice Mills in the Desaiganj Tahsil of District Gadchiroli of Maharashtra State (India)	INTERNATIONAL JOURNAL FOR INNOVATIVE RESEARCH IN MULTIDISCIPLINARY FIELD	--	Yes	ISSN: 2455-0620 Index Copernicus Journal Master list with IC Value: 86.87	6.497
13	Prof. V. P. Padole	The Role of ICT in Quality & Sustenance	NationalE- Journal Studies in Indian place	Yes	Yes	2394-3114 Vol. 40, Special Issue-07, Pag.-341-346	-
14	Prof. V. P. Padole	Culture in the novels of Anita Nair	International Journal Langlit	--	Yes	2349-5189 SPECIAL ISSUE MAY 2020	5.61



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						Page- 155-162	
15	Prof. P. S. Meshram	ICT in Agricultural for Rural Development	State Level Seminar Proceeding	--	--	978-81-932622-8-3	--
16	Prof. P. S. Meshram	A Geographical Study of Sex Ratio In rural And urban Areas of Pune	Research Journey International Multidisciplinary E- Research Journal	--	Yes	2348-7143 Special Issue, Pag.-213-215	3.452 (CIF), 6.261 (SJIF)
17	Prof. P. S. Meshram	Watershed and Water Management	Sanskriti International Multidisciplinary Research Journal	--		E-ISSN 2455-1511	5.35
18	Dr. V. P. Gorde	Crop Concentration of Rice in Gadchiroli District -2015 -16	'Research Journey'- Peer Reviewed International E-Research Journal	--	Yes	E-ISSN 2348 - 7143	6.26
19	Dr. V. P. Gorde	Watershed and Water Management	Sanskriti International Multidisciplinary Research Journal	--		E-ISSN 2455-1511	5.35
20	Dr. V. P. Gorde	Land Use and Cropping Pattern of Gadchiroli District – 2013 -14	International Level Seminar Proceeding	Yes	--	978-81-932622-8-3	-
21	Dr. Naresh D. Bansod	Crack behavior & mechanical properties of thermally treated kaolin based ceramics: The influence of pore generating agents	International Journal- Applied Clay Science (Elsevier)	Yes	Yes	0169-1317 https://doi.org/10.1016/j.clay.2020.105698 page- 1-6	Scopus- 4.18
22	Dr. Naresh D. Bansod	In Situ Zirconia: A Superior Reinforcing	International Journal ACS Omega	Yes	Yes	https://pubs.acs.org/doi/abs/10.1021/acs-omega.9b03495	Scopus- 2.584



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		Filler for High-Performance Nitrile Rubber Composites					
23	Prof. G. W. Borkar	खेडा सात्याग्रह आणि सरदार पटेल	National Journal Printing area	--	Yes	2394-5303 Issue-61. Vol. 01, Page-70-73	--
24	Dr. Satish S. Kola	Synthesis, Characterization and in vitro Antimicrobial Screening of Some Novel Series of 2-Azetidinone Derivatives Integrated with Quinoline, Pyrazole and Benzofuran Moieties	International Journal Asian Journal of Chemistry.	Yes	Yes	0970-7077	--
25	Dr. Satish S. Kola	Synthesis of few 1,3,4-oxadiazole derivatives Blended with different heterocycles and their In-vitro antibacterial activities	International Journal Rasayan Journal Chemistry.	Yes	Yes	0974-1496	--
26	Dr. G. M. Kadhav	भारतातील महीला सक्षमीकरणाचे धोरण आणि महिलांची सध्य स्थिती	National Journal, Journal of Emerging Technology & Innovative Research	--	Yes	2349-5162 Issue 2, Vol. 7 Page- 105-108	7.97
27	Dr. G. M. Kadhav	घरगुती हिंसाचारातून निर्माण झालेल्या परित्यक्त्या महिलांच्या सामाजिक समस्या आणि त्यावरील उपाय	B. Aadhar ' International Multidisciplinary Research Journal	-	Yes	ISSN : 2278-9308 March 2020 Special Issue CCXX(225) Page- 650-652	Impact Factor - (SJIF) - 7.675
28	Dr. R. V. Ghonmode	राष्ट्राविकासात राष्ट्रसंताचे एतिहासिक योगदान	International multidisciplinary	--	Yes	2277-5730 Vol. IX issue- I Jan.- March- 2020	6.33 Sji



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			Journal Ajanta			Page-67-70	
29	Prof. S. K. Mohurle	Jasmine : A courageous and successful immigrant	International Journal Langlit	-	Yes	2349-5189 Page- 877-883	5.61
30	Prof. S. K. Mohurle	Desirable daughters- Reflection of immigrant issues	UPA- National Peer-reviewed e-journal	-	Yes	2455-4374 Issue- VII, 2020 Page- 199-204	
31	Prof. Anil P. Raut	Impact of Globalization in Aravind Adigas Last Man in Tower	International Journal Langlit	-	Yes	2349-5189 Special issue May-2020 Page-272-278	5.61

Total number of publication by the faculty:

International Journal	National Journal	Int. Conference Proceedings	Nat. /State Conference/Seminar Proceedings	Total
25	05	00	01	31

2. Faculty Participation in Conference/Seminars/Workshops:

Sr. No.	Name of Teacher	International/National/State/University	Title of Seminar	Duration	Place	Attended	Presented
1	Dr. V. P. Gorde	International Conference	"Sustainable development & Environmental Issue"	7 th June-2020	Junoni Dist, Solapur	Yes	Yes
2	Dr. V. P. Gorde	National Level Conference	Impact of Urbanization on socio-economic development in India	31 st Jan to 1 Feb-2020	Karad	Yes	Yes
3	Dr. V. P. Gorde	National Workshop	Tribal Studies	7 th -Feb. 2020	Gadchiroli	Yes	--
4	Dr. V. P. Gorde	University Workshop	Vision document 25 year of Gondwana University	16 th Oct. 2019	Gadchiroli	Yes	--
5	Dr. V. P. Gorde	University Workshop	Geography New Syllabus (CBCS) Sem V & VI	22 Aug. 2019	Bramhapuri	Yes	--

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6	Dr. V. H. Raiwatkar	University Level Workshop	व्यावहारिकमराठी व मराठी वाङ्मयाचा नवीन अभ्यासक्रम सत्र ५ व ६	7 th Aug-2020	Gadchiroli	Yes	-
7	Dr. V. H. Raiwatkar	National Seminar	New National Education Policy 2019	1 st Sept-2019	Chandrapur	Yes	-
8	Dr. V. H. Raiwatkar	National Seminar	महात्मा गांधी आणि मराठीसाहित्य	14 th -15 th Sept-2019	Rtm Nagpur University	Yes	-
9	Dr. V. H. Raiwatkar	State Level Conference	मराठीप्राध्यापक परिषदेचे ३१ वे अधिवेशन	3 th -4 th Jan.-2019	Rajura	Yes	Yes
10	Prof. S. K. Mohurle	National Seminar	Intellectual Property Right	One day	Nawargaoan	Yes	-
11	Prof. S. K. Mohurle	National Seminar	New National Education Policy 2019	1 st Sept-2019	Chandrapur	Yes	-
12	Prof. S. B. Gedam	National Conference	Recent Trends in Mathematical, Physical, chemical, Library & life-Science	7 th Feb.-2020	Bhadrawati	Yes	Yes
13	Dr. V. I. Kahalkar	National Conference	Recent Trends in Mathematical, Physical, chemical, Library & life-Science	7 th Feb.-2020	Bhadrawati	Yes	--
14	Dr. V. I. Kahalkar	National Seminar	Conservation & sustainable Utilization of Wetland Flora	24-Dec.-2019	Amgaon	Yes	-
15	Dr. V. I. Kahalkar	University Workshop	Vison Document of 25 Year of Gondwana University Gadchiroli	16 Oct. 2019	Gondwana University Gadchiroli	Yes	--
16	Dr. V. I. Kahalkar	National Seminar	New National Education Policy 2019	1 st September 2019	Chandrapur	Yes	--
17	Dr. V. I. Kahalkar	National Seminar	Intellectual Property Right		Nawrgaon	Yes	--
18	Prof. P. S. Ganvir	National Seminar	Sedimentation Tectonic Mineral Resource and Sustainable Development	7 th -8 th Nov.-2019	Hydrabad	Yes	Yes
19	Prof. P. S. Ganvir	National Seminar	Challenges in Ground water and surface water resources in India	28 th -29 th Nov.-2019	RTM Nagpur	Yes	Yes
20	Dr. C. D.	National Conference	Recent Trends in	7 th Feb.-	Bhadrawat	Yes	Yes



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	Mungmode		Mathematical,Physical,chemical,Library & life-Science	2020	i		
21	Dr. C. D. Mungmode	University Level Workshop	“NAAC Revised Accreditation Framework”	28 th -Jan.-2020	Gadchiroli	Yes	-
22	Dr. C. D. Mungmode	National E-conference	Interdisciplinary Research in Science and Technology	30 th to 31 st May 2020	Lauckhnow (UP)	Yes	Yes
23	Dr. C. D. Mungmode	International web-conference	Conference on science Engineering & Technology	15- to 16 May, 2020	Nagpur	Yes	Yes
24	Prof. V. P. Padole	National Seminar	Role of Higher Education Institution in Tapping Local Resources for quality Sustenance & Enhancement.	14 th -15 th Feb. 2020	Bhiwapur	Yes	Yes
25	Prof. P. S. Meshram	National Workshop	Tribal Studies	7 th -Feb. 2020	Gadchiroli	Yes	--
26	Prof. P. S. Meshram	University Workshop	Vision document 25 year of Gondwana University	16 th Oct. 2019	Gadchiroli	Yes	--
27	Prof. P. S. Meshram	National Seminar	New National Education Policy-2019	1 st Sept. 2019	Chandrapur	Yes	--
28	Prof. P. S. Meshram	University Workshop	Geography New Syllabus (CBCS)Sem V & VI	22 Aug. 2019	Bramhapuri	Yes	--
29	Prof. P. S. Meshram	International Conference	“Sustainable development & Environmental Issue”	7 th June-2020	Junoni Dist, Solapur	Yes	Yes
30	Dr. Naresh D. Bansod	National conference	Recent Trends in Mathematical, Physical, Chemical, Library & life-Science	7 th Feb.-2020	Bhadrawati	Yes	--
31	Prof. G. W. Borkar	National Conference	Analysis of Maharashtra state Legislative Assembly Election 2019	29 th Feb. 2020	Nagpur	Yes	--
32	Prof. G. W. Borkar	National Conference	Role of Judiciary in Reinforcing Indian Democracy	8 th Feb. 2020	Nagpur	Yes	--
33	Prof. G. W. Borkar	National Seminar	New National Education Policy-2019	1 st Sept. 2019	Chandrapur	Yes	--
34	Prof. G. W. Borkar	University Workshop	CBCS Syllabus for B. A. V & VI Semester	29 th July 2019	Rajura	Yes	--
35	Prof. S. T. Nagdeve	National Conference	Recent Trends in Mathematical, Physical, Chemical, Library & life-	7 th Feb.-2020	Bhadrawati	Yes	--



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			Science				
36	Dr. Satish S. Kola	National conference	Recent trends in Mathematical , Physical , Chemical, Library and life sciences”	7 th Feb 2020	Bhadravati	Yes	--
37	Dr. Satish S. Kola	National workshop	Intellectual property of Right.	27 th Dec. 2019	Gadchiroli	Yes	--
38	Dr. Satish S. Kola	National workshop	Women Empowerment and Gender Equality.	24 th Sept. 2019	Gadchiroli	Yes	--
39	Dr. Satish S. Kola	University workshop	Vision document -25 years of Gondwana university Gadchiroli	16 th Oct.2019	Gadchiroli	Yes	--
40	Dr. G. M. Kadhav	National Seminar	New National Education Policy-2019	1 st Sept. 2019	Chandrapur	Yes	--
41	Dr. G. M. Kadhav	National Workshop	Tribal Studies	7 th -Feb. 2020	Gadchiroli	Yes	--
42	Dr. G. M. Kadhav	University Workshop	Sociology New Syllabus (CBCS) Sem V & VI		Warora	Yes	--
43	Dr. G. M. Kadhav	University Workshop	Sociology New Syllabus (CBCS) Sem V & VI	27 th Sept. 2019	Chamorshi	Yes	--
44	Prof. S. M. Sontakke	National Workshop	Intellectual Property Right	27 th Dec .2019	Gadchiroli	Yes	--
45	Prof. S. M. Sontakke	National conference	Recent trends in mathematical , physical , chemical, library and life sciences”	7 th Feb.2020	Bhadravati	Yes	--
46	Prof. S. M. Sontakke	National Seminar	New National Education Policy2019	1 st Sept 2019	Chandrapur	Yes	--
47	Prof. S. M. Sontakke	International Conference	Advanced Functional Materials	23 rd – 25 th Jan. 2020	Kamla Nehru, Nagpur	Yes	Yes
48	Dr. R. V. Ghonmode	National conference	Indian History Congress	28 to 30 th Dec. 2019	Kannur University (Kerala)	Yes	Yes
49	Dr. R. N. Chavhan	National Workshop	Proposed curriculum on “Tribal Studies”	7 th Feb.2020	GU, Gadchiroli	Yes	-
50	Dr. M. M. Thaware	National Seminar	New National Education Policy - 2019	1 st Sept. 2019	Chandrapur	Yes	-



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51	Dr. M. M. Thaware	University Level Workshop	Vision Document 25 -years of Gondwana University, Gadchiroli	16 th Oct. 2019	Gadchiroli	Yes	-
52	Dr. M. M. Thaware	University Level Workshop	NAAC Revised Accreditation Framework	28 th Jan. 2020	Gadchiroli	Yes	-
53	Dr. M. M. Thaware	National Level 10 Days Online Workshop	Finding Copyright, Free Images/Music, Creation of Mind Maps,	3 rd to 12 th April, 2020	Online	Yes	-

Faculty Participation in Conference/Seminars/Workshops:

Activity	International Conf./Sem.	National Conf./Sem.	State/University Conf./Sem.	National Workshops	State/University Workshops	Total
Attended	04	28	01	07	13	53
Presented	04	08	01	-	-	13

3. Faculty member participated in AVISHKAR COMPITION University and Inter-University Teacher Category:

Sr. No.	Name of Teacher	International/National/State/University	Title of Seminar	Duration	Place	Category	Presented
1	Prof. P. S. Ganvir	University Level	Avishkar Research Festival-2019	6-7 Jan-2020	Dr. Ambedkar College Chandrapur	Pure Science-Teacher	Poster Presented & Received 1 st Prize
2	Prof. G. W. Borkar	University Level	Avishkar Research Festival-2019	6-7 Jan-2020	Dr. Ambedkar College Chandrapur	Humanities, Languages & Fine Arts Teacher	Poster Presented & Received 2 nd Prize
3	Prof. P. S. Ganvir	Inter -University Level	Inter-University Research	28-31 Jan-2020	University of Mumbai	Pure Science-	Yes



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			Convention			Teacher	
4	Prof. G. W. Borkar	Inter- University Level	Inter-University Research Convention	28-31 Jan-2020	University of Mumbai	Humanities, Languages & Fine Arts Teacher	Yes

4. UG and PG students are participated in AVISHKAR COMPITION University and Inter-University:

Sr. No.	Name of Students	International/National/State/University	Title of Seminar	Duration	Place	Student category	Presented
1	Ku. Megha L. Sorte	University Level	Avishkar Research Festival-2019	6-7 Jan-2020	Dr. Ambedkar College Chandrapur	PG Students	Poster Presented & Received 2 nd Prize
2	Ku. Lomeshwari M. Madavi	University Level	Avishkar Research Festival-2019	6-7 Jan-2020	Dr. Ambedkar College Chandrapur	PG Students	Poster Presented & Received 2 nd Prize

5. Ph. D. awarded and Thesis submission in last academic session:

Sr. No.	Name of Teacher	Date of Registration	Date of Thesis Submission	Degree awarded & Date of Notification	Faculty	Subject	Tital of Thesis
1	Dr. I. A. Khan	19-Mar-2014	8-Aug.-2018	Ph. D. 31 st -Dec-2019	Science	Mathematics	“Study Of Some Conduction Problems in Solids and Their



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							Thermoelastic Behavior ”
2.	Dr. Satish Kola	5 th Feb. 2016	22-01-2019	Ph. D 31 Dec. 2019	Science	Chemistry	“Design, synthesis and characterization of some new heterocycles incorporated with pyrazole and benzofuran moieties of pharmaceutical interest”
3.	Prof. S. T. Nagdeve	-	21-Jun-2019	Submitted	Science	Botany	“Aeromycological Studies of Indoore Environment of Rice Mill Industry at desaiganjwadsa(MS),India”

6. Faculty Served as Resource Person :

Sr. No.	Name of Teacher	Workshop/Seminar/Conference	Palce	Date
1	Dr. V. I. Kahalkar	One Day workshop	Raje Dhamarao College,Aheri	21/09/2019
2	Dr. V. I. Kahalkar	Vaidu Sammelan	CHM college, Kurkheda	15/10/2019
3	Dr. V. H. Raiwatkar	State Symposium	Nagar Parishad Shivaji College Movad	19/09/2019
4	Dr. V. H. Raiwatkar	Guest Lecture	Adarsh College Wadsa	14/04/2020
5	Dr. V. H. Raiwatkar	Guest Lecture	Civil and Criminal Court Armori	15/01/2020
6	Dr. V. H. Raiwatkar	Guest Lecture	Jagat College Goregaon	08/02/2020


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7. Books Published with ISBN/ISSN:

Sr. No.	Name of Author	Title of the Book	Publisher	ISBN No.	Remark
1	Dr. J. Papadkar	A Text Book of Zoology Semester- V Aquatic Biology	Celebration Infomedia	---	Author



2	Dr. J. Papadkar	A Text Book of Zoology Semester- V Applied Zoology paper-II	Celebration Infomedia	-----	Author
3	Dr. C. D. Mungmode	Physics B.Sc. Semester III (CBCS) Paper-I & Paper-II	Himalaya Publishing House, Mumbai	978-93-5367-630-8	Co-Authored
4	Dr. R. N. Chavhan	Text Book of Zoology, Sem-II, B.Sc. Programme (Paper-I & II),(CBCS)- 1 st Edition: Jan, 2020, With ISBN-978-93-82683-85-8. Published on Jan, 2020	M/s. Rajni Prakashan & Books Distributor.	ISBN-978-93-82683-85-8.	Co-Authored
5.	Dr. R. N. Chavhan	Text Book of Zoology, Sem-III, B.Sc. Programme (Paper-I & II),(CBCS) 1 st Edition: Oct, 2019 With ISBN-978-93-82683-85-8.	M/s. Rajni Prakashan & Books Distributor.	ISBN-978-93-82683-77-3.	Co-authored

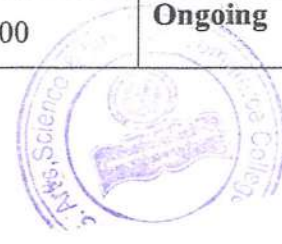
Chapter publish in Book:

Name of Author	Name of Book	Title of Chapter	ISBN	Publisher
Satish S. Kola	Heterocycles Synthesis and Biological Activities – Edited by Belakatte Parameshwarappa Nandeshwarappa	Potent Antibacterial Profile of 5- Oxo-Imidazolines in the New Millennium pp.-1- 20	978-1-83880-624-8 e-Book – 978-1-83880-625-5	Intech Open – Published 10 June 2020.

8. Minor Research Projects Ongoing:

Sr. No.	Name of Investigator	Subject	Major /Minor	Funding Agency	Amount Sanctioned	Status
1.	Dr. C.P. Dorlikar	Geology	Minor	UGC	3,80,000	Ongoing
2.	Mr. I.A. Khan	Mathematics	Minor	UGC	1,10,000	Ongoing

(Dr. C. D. Mungmode)




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Seminar / Conference Organizing Committee

Annual Report

2019-2020


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Introduction:

The Seminar/Conference Organizing Committee was continued for the session 2019-2020. This committee was headed by Dr. C. D. Mungmode and supported by Dr. V. P. Gorde.

A workshop on "Maharashtra Anit-Superstition Law 2013: An Overview" and another workshop on "Recent Advances in Ph.D. Guidelines, Paper Publication and IPR" were decided to organize in the session in the meeting held with Principal. As per the plan these events were conducted and the committee played an important role in conducting these events.

Activities:**1. Workshop on "Maharashtra Anit-Superstition Law 2013: An Overview":**

One day workshop on "Maharashtra Anit-Superstition Law 2013: An Overview" was organized on 02/03/2020. The committee hold meetings time to time with the Principal and planned the event throughly. Subcommittees were formed for successful conduction of the event at various stages right from printing, invitation, breakfast, meal, hospitality of guests and participants, etc. Dr. Shyam Manav, Founder and President of All India Superstition Eradication Committee and Shri Suresh Zurmure, Project Director, All India Superstition Eradication Committee and many other renowned persons were the resource persons. The event was conducted successfully.


2. Workshop on "Recent Advances in Ph.D. Guidelines, Paper Publication and IPR":

One Day workshop on "Recent Advances in Ph.D. Guidelines, Paper Publication and IPR" was organized on 03/03/2020. The committee hold meetings time to time with the Principal and planned the event throughly. Subcommittees were formed for successful conduction of the event at various stages right from printing, invitation, breakfast, meal, hospitality of guests and participants, etc. Dr. Anil Z. Chitade, Director, Board of Examinations and Evaluation, Gondwana University, Gadchiroli and Dr. Vinod Varghese, Head Department of Mathematics, S.S.R. Bharti Science College, Arni, Yavatmal were the resource persons of this event. The event was conducted successfully.



Co-ordinator
Seminar/Conference Organizing Committee

Date: 21/04/2020

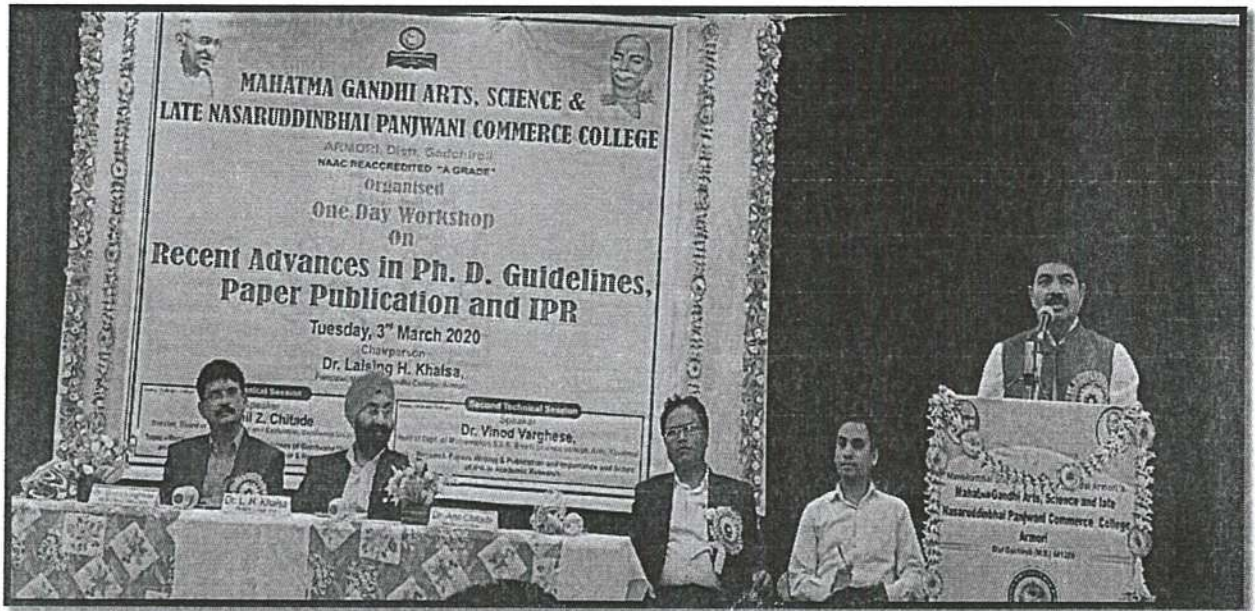


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Workshop on “Maharashtra Anit-Superstition Law 2013: An Overview” on 02/03/2020



Workshop on “Recent Advances in Ph.D. Guidelines, Paper Publication and IPR” on 03/03/2020


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संशोधनाची गुणवत्ता टिकविण्यासाठी शिस्तबद्ध होण्याची गरज

महात्मा गांधी महाविद्यालयात मार्गदर्शन कार्यशाळा: परीक्षा व मुल्यांकन विभागाचे संचालक डॉ. अनिल चिताडे यांचे प्रतिपादन

प्रतिनिधी/ आरमोरी

सन २००९ नंतर युजीसी संशोधनाच्या नियमानुसार संशोधन करणाऱ्या विद्यार्थ्यांना मार्गदर्शक नियमांचा अवलंब करून अत्यंत शिस्तबद्धरीतीने शोधप्रबंध सादर करणे आवश्यक आहे. संशोधनाचे नियम अत्यावश्यक असून हे नियम संशोधकांना घाबरविण्यासाठी नसून गुणवत्ता निर्माण करण्यासाठी आहेत. शोधप्रबंध तयार करताना संशोधनाची गुणवत्ता टिकविण्यासाठी शिस्तबद्ध होण्याची गरज आहे, असे प्रतिपादन गोंडवाना विद्यापीठातील परीक्षा व मुल्यांकन विभागाचे संचालक डॉ. अनिल चिताडे यांनी केले.

महात्मा गांधी कला, विज्ञान व



स्व. न. पं. वाणिज्य महाविद्यालय आरमोरी येथील संशोधन विकास समितीच्यावतीने 'रिसर्च एडव्हाइसेस इन पीएच.डी. गार्डइलाईन्स, पेपर पब्लिकेशन अँड आयपीआर' या विषयावर मार्गदर्शन कार्यशाळेचे आयोजन करण्यात आले होते. चांबेळी कार्यशाळेचे प्रमुख मार्गदर्शक म्हणून ते बोलत होते. कार्यक्रमाच्या

अध्यक्षस्थानी प्राचार्य डॉ. लालसिंग खालसा होते. तर प्रमुख अतिथी म्हणून साधनव्यक्ती प्रा. डॉ. विनोद वर्धास, कार्यशाळा आयोजन सचिव प्रा. डॉ. छगन मुंगमोडे, प्रा. डॉ. वसंता कहालकर, प्रा. डॉ. राजेंद्र चव्हाण, प्रा. डॉ. विजय रेवतकर आदी मान्यवर उपस्थित होते.

कार्यशाळेच्या मंचावर उपस्थित

मान्यवरांनी राष्ट्रीय, आंतरराष्ट्रीय पातळीवर शोधनिबंध प्रकाशित करण्यासाठी इम्पॅक्ट फॅक्टरची विश्वासनीयता, पीअर रिव्ह्यू दर्जा, युजीसी लिस्टेड जर्नल आणि संशोधकांनी घ्यावयाची खबरदारी यासंबंधी मार्गदर्शनातून माहिती दिली.

कार्यशाळेचे प्रास्ताविक प्रा. डॉ. छगन मुंगमोडे यांनी केले. संचालन प्रा. डॉ. विजय रेवतकर यांनी तर आमदार कार्यशाळा समन्वयक प्रा. डॉ. राजेंद्र चव्हाण यांनी मानले. यावेळी चंद्रपूर व गडचिरोली जिल्हातील अनेक महाविद्यालयातील २५५ प्राध्यापक, संशोधक विद्यार्थी, पदव्युत्तर विभागातील विद्यार्थी उपस्थित होते. यत्नशीलतेसाठी

तपप्राचार्य डॉ. राजेंद्र घोगमोडे, उपप्राचार्य डॉ. चंद्रकांत डोगकर, आयोजन सचिव प्रा. डॉ. छगन मुंगमोडे, प्रा. डॉ. वसंत कहालकर, प्रा. राजेंद्र सोनटके, प्रा. डॉ. विजय गोरडे, प्रा. डॉ. किशोर वायुके, प्रा. गजानन थोरकर, प्रा. जेम्स मेनाथ, प्रा. शशीकांत नेहाम, प्रा. दिलीप घोगमोडे, डॉ. जयेश पांडेकर, प्रा. डॉ. अमीत्रा बज्जे, डॉ. मंगेश ठवरे, प्रा. मोहन रामटेक, प्रा. विमलवती गणवार, प्रा. देश मोहले, प्रा. डॉ. सतीश कोसल, प्रा. परीळे, प्रा. डॉ. बन्सीड, प्रा. सुनिल चुटे, प्रा. नायडी गुरुक, महाविद्यालयातील प्राध्यापक, शिक्षक व शिब्येकर कामचोरी यांनी सहकार्य केले.

विद्यार्थ्यांनी संशोधनाच्या मार्गदर्शक नियमांचा अवलंब करावा

गोंडवाना विद्यापीठाचे परीक्षा व मुल्यांकन विभागाचे संचालक डॉ. अनिल चिताडे यांचे प्रतिपादन



आरमोरी तालुका प्रतिनिधी

संशोधनाच्या सुधारित नियमानुसार संशोधन करणाऱ्या विद्यार्थ्यांनी संशोधनाच्या मार्गदर्शक नियमांचा अवलंब करून अत्यंत शिस्तबद्धरीतीने प्रबंध सादर करावेत असे प्रतिपादन गोंडवाना विद्यापीठाचे परीक्षा व मुल्यांकन विभागाचे संचालक डॉ. अनिल चिताडे यांनी केले.

स्थानीक महात्मा गांधी महाविद्यालयात रिसर्च एडव्हाइसेस इन पीएच.डी. गार्डइलाईन्स, पेपर पब्लिकेशन अँड आयपीआर कार्यशाळेचे प्रमुख

मार्गदर्शक म्हणून ते बोलत होते. यावेळी मंचावर अध्यक्षस्थानी महाविद्यालयाचे प्राचार्य डॉ. लालसिंग खालसा, साधनव्यक्ती प्रा. डॉ. विनोद वर्धास, कार्यशाळा आयोजन सचिव प्रा. डॉ. वसंता कहालकर, प्रा. डॉ. राजेंद्र चव्हाण, प्रा. डॉ. विजय रेवतकर उपस्थित होते.

मार्गदर्शन करताना डॉ. अनिल चिताडे यांनी संशोधनासाठी प्रारंभिक अर्जापासून ते शोधप्रबंध सादर करण्यापर्यंत आवश्यक असलेल्या सर्व सुधारित नियमांचा परिचय करून दिला आणि संशोधन कार्यातील मार्गदर्शक नियमांची जम्यासंपूर्ण माहिती दिली.

कार्यशाळेच्या दुसऱ्या सत्राचे मार्गदर्शक डॉ. विनोद वर्धास, एस.एस. आर. भारती महाविद्यालय, आणी यांनी राष्ट्रीय, आंतरराष्ट्रीय पातळीवर शोधनिबंध प्रकाशित करण्यासाठी इम्पॅक्ट फॅक्टरची

विश्वासनीयता, पीअर रिव्ह्यू दर्जा, युजीसी लिस्टेड जर्नल आणि संशोधकांनी घ्यावयाची खबरदारी यासंबंधी माहिती दिली. शोधनिबंध प्रकाशित करणाऱ्या दृष्टीने आदर्श व मार्गदर्शक नियम, आयपीआर, पेटंट याविषयी विस्तृत माहिती दिली.

यावेळी महाविद्यालयाचे प्राचार्य डॉ. लालसिंग खालसा यांनी आपल्या अध्यक्षीय मनोगतानून संशोधनाचे नियम नव्या संशोधकांना घाबरविण्यासाठी नसून संशोधनात सुसूत्रता व गुणवत्ता निर्माण करण्यासाठी आहेत असे स्पष्ट केले.

यावेळी झालेल्या कार्यशाळेत चंद्रपूर व गडचिरोली जिल्हातील अनेक महाविद्यालयातील २५५ प्राध्यापक, विद्यार्थी संशोधक, पदव्युत्तर विभागातील विद्यार्थ्यांनी सहभाग घेतला. कार्यशाळेचे प्रास्ताविक प्रा. डॉ. छगन मुंगमोडे यांनी केले. संचालन प्रा. डॉ. विजय रेवतकर तर आमदार कार्यशाळा समन्वयक प्रा. डॉ. राजेंद्र चव्हाण यांनी मानले.

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Annual Report
Research and Innovation Committee
M.G. Arts, Science & Late N.P. Commerce College, Armori
Academic year - 2018-19

The details of research activities of the college during 2018-2019 are as follows:

1. Faculty from the institution who are Ph.D. Supervisors:

Sr. No.	Name of the faculty	Department	Recognized by	Area of Research
1.	Dr. L.H. Khalsa	Mathematics	GUG, RTMNU	<ul style="list-style-type: none"> • Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07), • Partial differential equations (AMS 35J25, 35J67, 35K05, 35K20, 35K35, 35K50), • Integral transforms (AMS 44A05, 44A10), • Special functions (AMS 33C10), Thermo elasticity
2.	Dr. Mrs. V.P. Wanjari	Marathi	GUG	<ul style="list-style-type: none"> • Feminism
3.	Dr. R.M. Thombre	Physics	GUG, RTMNU	<ul style="list-style-type: none"> • Optical & Electrical Properties of Binary and Ternary thin Film on Glass Substrate, CBD (Chemical




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				Bath Deposition) spray-pyrolysis. • Crystal Growth, Microwaves studies
4.	Dr. R.V. Ghonmode	History	GUG	• Maratha History
5.	Dr. R.N. Chavhan	Zoology	GUG	• Limnology • Mammalian Reproductive Physiology • Toxicology
6.	Dr. U.T. Kamble	Commerce	GUG	• Economics, Management & Commerce
7.	Dr. C.P. Dorlikar	Geology	GUG	• Igneous Petrology

2. Ph. D. awarded in last academic session:

Sr. No.	Name of Faculty	Subject	Topic	Year of Ph.D. award
1.	Dr. Gajendra M. Kadhav	Sociology	नागपूर जिल्ह्याच्या ग्रामीण क्षेत्रांतील बालश्रामिकांच्या समस्या एक समाजशास्त्रीय अध्ययन	2018
2.	Dr. Dnyaneshwar V. Thakare	Physical education	विदर्भातील देशी व विदेशी खेळ खेळणाऱ्या व्यक्तिमत्वाचे तुलनात्मक अध्ययन (कालखंड १९९५ ते २००५)	March-2019



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3. Faculty Participation in Conference/Seminars/Workshops:

International Conf./Sem.	National Conf./Sem.	State/University Conf./Sem.	National Workshops	State/University Workshops
03	12	09	02	06


4. Total number of publication by the faculty:

International Journal	National Journal	Int. Conference Proceedings	Nat. Conference Proceedings	Total
38	02	00	02	42

5. Minor Research Projects Ongoing: Nil

02 Minor Research Projects are ongoing.

Sr. No	Name of Investigator	Subject	Major /Minor	Funding Agency	Amount Sanctioned	Status
1	Dr. C.P. Dorlikar	Geology	Minor	UGC	3,80,000	Ongoing
2	Mr. I.A. Khan	Mathematics	Minor	UGC	1,10,000	Ongoing


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6. Books Published with ISBN/ISSN: 06 Books and 04 Faculty Member.

Sr. No.	Name of Author	Title of the Book	Publisher	ISBN No.	Remark
1.	Dr. C.D. Mungmode	Physics – B.Sc. Second Year Semester IV as per new syllabus (CBCS) GUG	Himalaya Publishing House, Nagpur	978-93-5299-761-9	Co-Authored
2	Dr. C.D. Mungmode	Physics – B.Sc., Sem- ,as per new syllabus (CBCS) GUG	Himalaya Publishing House, Nagpur		Co-Authored
3.	Dr. R. M. Thombre	Thermal Physics			Co-authored
4.	Dr. R. M. Thombre	Mechanics and relativity			Co-authored
5.	Dr. R. N. Chavhan	B. Sc. Sem-IV, as per new syllabus (CBCS) GUG, Text books of Zoology	M/s Rajni Prakashan & books distributors, Nagpur	ISSN NO. 978-93-82683-56-8	Co-authored
6.	Dr. J. N. Papadkar	B. Sc. Sem-IV, as per new syllabus (CBCS) GUG, Text books of Zoology	Celebrations Infomedia, Hinganghat		Co-Authored



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7. Research Oriented Course Attended: 02

Sr. No.	Name of Faculty	Subject	Course Name & Place	Duration
1.	Dr. G. M. Kadhao	Sociology	Research Methodology & Innovation Department of Huimanities and Social Science , VNIT, Nagpur ,	One Week 4 th – 10 th June 2018
2.	Prof. G. W. Borkar	Political Science	Research Methodology & Innovation Department of Huimanities and Social Science , VNIT, Nagpur ,	One Week 4 th – 10 th June 2018

Date:

The Member: - 1. Dr. R. N. Chavhan

2. Dr. Vasanta Kahalkar


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1. Research Publication in International/ National Journals:

Sr. No.	Name of Faculty	Title of the Paper	Name of the Journal & level	Details	Indexing Agency & Impact Factor	ISSN No.
1.	Dr. L. H. Khalsa	Unsteady – state heat conduction problem on a thick circular plate and its associated thermal stresses	Acta technica corviniensis- bulletin of engg.	Tome XI [2018]Fascicle 4 (Oct-Dec) 2018 pp. 313-320	Peer Reviewed	2067-3809
2.	Prof. Ishaque Khan	Unsteady – state heat conduction problem on a thick circular plate and its associated thermal stresses	Acta technica corviniensis- bulletin of engg.	Tome XI [2018]Fascicle 4 (Oct-Dec) 2018 313-320	Peer Reviewed	2067-3809
3.	Dr. V.I. Kahalkar	Amorphophallus longiconnectivus and A. mararitifer: Additional Aroids from Maharashtra with notes on the floral variation	International, Journal of Threatened Taxa	Vol. 10 (11) 26 th Oct. 2018, pp.12610-12613 DOI: https://doi.org/10.11609/joitt.2446.10.1112610-12613 (SJR – 0.23) (Cite Score – 0.37)	UGC Approved, Scopus	0974-7907(online) 0974-7893 (print)
4.	Dr. C.D. Mungmode	On the preparation and photoluminescence of Eu ²⁺ doped alkaline- earth apatites M ₅ (PO ₄) ₃ Cl (M=Ca, Sr, Ba)	Journal of Optics	Vol. 48 (1); 2019 pp. 49-53 DOI: 10.1007/s12596-018-0498-2 (Cite Score – 0.65)	UGC Approved, Scopus	0972-8821
5.	Dr. C.D. Mungmode	Synthesis and Optical characterization of Yb ³⁺ Doped LiY(MoO ₄) ₂	Int. J. Current Engineering and Scientific Research	Vol. 6 (1), 2019 pp. 757-760	UGC Approved,	Print: 2393-8374 Online: 2394-0697
6.	Dr. C.D. Mungmode	Photoluminescence properties of Novel Red- Emitting Ca _{2-x} ZnMoO ₆ :xEu ³⁺ Phosphor	Int. J. Current Eng. & Scientific Research	Vol. 6 (1), 2019 pp. 1058-1062	UGC Approved,	Print: 2393-8374 Online: 2394-0697



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7.	Dr. C.D. Mungmode	Photoluminescence properties of Eu ³⁺ doped CsAl(MoO ₄) ₂ Phosphor	Int. J. Scientific Res. in Sci. & Technology	Vol. 6 (1), Feb 2019 pp. 211-213	UGC Approved,	Print: 2393-8374 Online: 2394-0697
8.	Dr. C.D. Mungmode	Photoluminescence studies of Eu ³⁺ doped NaMg ₃ Al(MoO ₄) ₅ Red Phosphor	Int. J. Ajanta	Vol. 8 (1), Jan-March 2019, pp. 95-100	UGC Approved,	Print: 2277-5730
9.	Dr. C. D. Mungmode	Photoluminescence studies of Eu ³⁺ doped Li ₃ AlMo ₃ O ₁₂ Red Phosphors	Int. J. Ajanta	Vol. 8 (1), Jan-March 2019, pp. 62-67.	UGC Approved,	Print: 2277-5730
10.	Dr. C. D. Mungmode	Photoluminescence studies of Yb ³⁺ doped Ca ₈ [Al ₁₂ O ₂₄](MoO ₄) ₂	Int. J. Ajanta	Vol. 8 (1), Jan-March 2019, pp. 147-152	UGC Approved,	Print: 2277-5730
11.	Prof. D. V. Thakre	Elation of selected physical fitness factor and physiological variable in performance of 50 mtrs. Back strok	Research journey Int. multidisciplinary E-Research Journal	Special Issue 76 (A) pp. 75-78	UGC Approved, I.F. 3.452 (CIF), 6.262 (SJIF)	2348-7143
12.	Prof. P. S. Ganvir	Adoptive Teaching & Learning; Exigencies & Upshots in Rural Academic Institutions	International multidisciplinary quart. Research Journal Ajanta	Vol. 8 (1), March 2019 pp. 46-50	UGC Approved, Peer Revived, refereed I.F. 5.5 (SJIF)	2277-5730
13	Prof. P. S. Ganvir	Assessment of some heavy metal in surface water around Lalpeth colliery, Dist. Chandrapur Maharashtra.	Int. J. Research Analysis and evaluation	March 2019 (combined) Issue 112, 113, 114 pp. 17-19	UGC Approved, Peer Revived	2320-5482
14	Dr. J. N. Papadkar	Challenges before rural institutions in quality enhancement	Int. multidisciplinary quart. Research Journal Ajanta	Vol. 8 (1), Jan-March 2019, pp. 86-90.	UGC Approved, IF-5.5	Print: 2277-5730




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15	Prof. N. N. Meshram	A structural study of Agha Shahid Ali's Ghazal	Int. multidisciplinary quart. Research Journal Ajanta	Vol. 9 (1), April- 2019, pp. 86-90.	UGC Approved, IF-5.5	Print: 2277-5730
16	Prof. N. N. Meshram	Agha Shahid'Ali': A Ghazal writer (Chapter Published in Book)	A.R. publishing company, New Delhi	भारतीय साहित्य विविध आयाम, पुंस्तक, pp- 301-5		Print: ISBN-978-93-88130-17-2
17	Dr. Amita Bannore	ताणतणाव आणी स्त्रीचे आरोग्य	Home science and women empowerment Book edited by Dr. Vandana Banker and Pratibha Agharde	पुंस्तक, pp-213-15		Print: ISBN 978-93-88153-01-5
18	Dr. Amita Bannore	किशोर अवस्थेतील ताणतणावं आणी समायोजन	Int. Journal, research journey	Special issue -Samiksha, pp-47-49.	UGC Approved, IF- (CIF) 3.452	Print: ISSN 2348-7143
19	Dr. M. M. Thaore	A study on industrial labour turnover in India: An Overview	International pub.	Vol. 01 (29), Jan-March 2019. Pp087-92	UGC Approved	Print ISSN: 2319-9318
20	Dr. G. M. Kadhao	समाज माध्यमावरील अफवामुळे होणाऱ्या जमावहत्या (Mob Lynching) रोखण्यासाठी कठोर कायदांचा गरज	International, Vidyavarta Multilingual Research Journal	Special Issue January 2019 PP. 226-228	UGC Approved Peer Revived 5.131(IJIF)	2319-9318
21	Dr. G. M. Kadhao	भारतातील स्त्री सक्षमीकरणाचे धोरण आणि महिलांची स्थिती एक मुल्यमापन	Int. Research Journey International Multidisciplinary E-Research Journal	Special Issue 162, March 2019, PP. 105-106	UGC Approved IF 6.261 (SJIF)	2348-7143

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22	Dr. G. M. Kadhao	व्यसनाधीनता : समकालीन भारताची एक गंभीर समस्या	Int. Gurukul Multidisciplinary Research Journal	March 2019 PP. 76-78	UGC Listed Peer Reviewed Journal IF 5.682	2394-8426
23	Prof. D. M. Ghonmode	डॉ. आंबेडकरांचे स्त्री विषयक विचार व कार्य	International, Vidyavarta Multilingual Research Journal	Vol. 05 (29), March. 2019 pp. 085-088	UGC Approved Peer Revived 5.131(IJIF)	2319-9318
24	Dr. V. P. Gorde	Tourism centers and Problems of Tourism Development	International Vidyavarta Multilingual Research Journal	Special Issue , Feb. 2019 pp. 025-027	UGC Listed Peer Revived 5.131(IJIF)	2319-9318
25	Dr. V. P. Gorde	Global Warming and its Impact on agriculture	International multidisciplinary quart. Research Journal Ajanta	Vol. 8 (1), March 2019 pp. 64-66	UGC Approved, Peer Revived, refereed I.F. 5.5 (SJIF)	2277-5730
26	Dr. V. P. Gorde	The Effect of climate Change on cotton Agriculture of Yavatmal District 2000-2007	International multidisciplinary quart. Research Journal Ajanta	Vol. 7 (3), September 2018 pp. 117-123	UGC Approved, Peer Revived, refereed I.F. 5.5 (SJIF)	2277-5730

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27	Dr. V. P. Gorde	Irrigation Resources and Cropping pattern in Gadchiroli District	International Research Journey International Multidisciplinary E-Research Journal	Special issue samiksha Nov. 2018 pp. 174-178	UGC Approved, I.F. 6.261 (SJIF), 3.452 (CIF)	2348-7143
28	Dr. V. P. Gorde	महाराष्ट्रातील प्लास्टिक बंदी व पर्यावरणाचा असमतोल	Researchj Journy International E Research Journal	Special Issue 90(B)January 2019 PP 206 -210	UGC Approved IF 6.261 (SJIF) 3.452 (CIF)	2348-7143
29	Dr. V. P. Gorde	भारतातील पर्यावरणीय आपत्तीचा अभ्यास	International multidisciplinary quart. Research Journal Ajanta	Vol. 8(1) March. -2019 PP 4-10	UGC Approved Peer Revived, refereed IF - 5.5 (SJI)	2277-5730
30	Prof. P. S. Meshram	Tourism centers and Problems of Tourism Development	International Vidyavarta Interdisciplinary Multilingual Research Journal	Special Issue , Feb. 2019 pp. 025-027	UGC Listed Peer Revived 5.131(IJIF)	2319-9318
31	Prof. P. S. Meshram	Global Warming and its Impact on agriculture	International multidisciplinary quart. Research Journal Ajanta	Vol. 8 (1), March 2019 pp. 64-66	UGC Approved, Peer Revived, refereed	2277-5730

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					I.F. 5.5 (SJIF)	
32	Prof. P. S. Meshram	The Effect of climate Change on cotton Agriculture of Yavatmal District 2000-2007	International multidisciplinary quart. Research Journal Ajanta	Vol. 7 (3), September 2018 pp. 117-123	UGC Approved, Peer Revived, refereed I.F. 5.5 (SJIF)	2277-5730
33	Prof. P. S. Meshram	महाराष्ट्रातील प्लास्टिक बंदी व पर्यावरणाचा असमतोल	Researchj Journy International E Research Journal	Special Issue 90(B)January 2019 PP 206 -210	UGC Approved IF 6.261 (SJIF) 3.452 (CIF)	2348-7143
34	Prof. P. S. Meshram	भारतातील पर्यावरणीय आपत्तीचा अभ्यास	International multidisciplinary quart. Research Journal Ajanta	Vol. 8(1) March. -2019 PP 4-10	UGC Approved Peer Revived, refereed IF – 5.5 (SII)	2277-5730
35	Prof. P. S. Meshram	अमरावती जिले में वर्षा विचलन का प्रमुख फसलोके वितरन पर प्रभाव — एक भौगोलिक अध्ययन	Research Journey International E Research Journal	Special Issue – Samiksha November 2018 PP 9-13	UGC Approved IF 6.264 (SJIF) 3.452 (CIF)	2348-7143
36	Dr. R. N. Chavhan	Physico-chemical Analysis of waste from ACC Cement Industry from an Industrial Town- Ghugus, Dist. Chandrapur Maharashtra (India)	International Journal of Scientific Research in Biological Science	Vol. 6(1) Feb. -2019 pp. 240-242,	UGC Approved IF 6.264 (SJIF) 3.452 (CIF)	E-ISSN-2347-7520

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37	Dr. R. N. Chavhan	Physico-chemical characteristics of a fresh water pond of Ghugus, Dist. Chandrapur Maharashtra (India)	International Journal of Scientific Research in Biological Science	Vol. 5(3) Oct. -2018 pp. 59-64	UGC Approved	E-ISSN-2347-7520
38	Dr. R. N. Chavhan	Seasonal variation in the Physico-chemical parameters of Malgujari Pond of Ghugus, Dist. Chandrapur Maharashtra	International Journal of Scientific Research in Biological Science	Vol. 5(5) Oct. -2018 pp. 52-57,	UGC Approved	E-ISSN-2347-7520
39	Dr. V. H. Raiwatkar	मानुषतेचा सिध्दांत	Researchj Journy International E Research Journal	Special Issue – Samiksha November 2018, PP 118-122	UGC Approved	2348-7143
40	Dr. V. H. Raiwatkar	रविंद्रनाथ टागोर यांचे भारतीय साहित्यातील योगदान	Chapter in Book	A R Publishing Company , Delhi PP 140-143		ISBN 978 – 93-88130 – 17 - 2
41	Dr. V. P. Wanjari	प्रा. शंकर सखाराम यांच्या कादंबऱ्यांची वैशिष्ट्ये	International Vidyavarta Interdisciplinary Multilingual Research Journal	Vol. 5 (29) , March- 2019 pp. 080-084	UGC Approved 6.021 (IIJIF)	2319-9318
42	Dr. C.D. Mungmode	Wet chemical Synthesis and luminescence in $\text{Ca}_5(\text{PO}_4)_3 \text{Eu}^{2+}$ (M=Br, I) Phosphor for solid state lighting	AIP Conference Proceeding	Vol. 1953 (2018) pp. 060037-1 to 060037-4 doi: 10.1063/1.5032768 (Cite Score – 0.37), I.F. 0.4	UGC Listed, Scopus	0094-243X (Print) 1551-7616 (Web)

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43	Dr. L.H. Khalsa	Quasi-Static Transient Thermal Stresses in an Elliptical Plate due to Sectional Heat Supply on the Curved Surface over the Upper Face	International, Journal of Applied and Computational Mechanics.	Vol. 4 (1), 2018, pp. 27-39 DOI: 10.22055/JACM.2017.22068.1123 (Cite Score – 1.31)	UGC Approved SCOPUS	2383-4536
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2. Research Paper Published In International/National Conference Proceeding: Nil

3. Conferences/ Seminar/ Workshop Attended and Paper Presented:

Sr. No.	Name of Faculty	Name of the Conference/ Seminar/ Workshop	Level	Date & Place	Participation
1.	Prof. P. S. Ganvir	Sedimentary Researches : Last Five Decades of advancement & prospectus in future.	National Seminar	28 th -30 th Jan. 2019, Dept. of Applied Geology Dr. Harisingh Gour Vishwavidyalay, Sagar (MP)	Presented
2.	Prof. P. S. Meshram	Towards development of tourism in Maharashtra State	National Seminar	10 Feb. 2019 Yashwantrao chawhan Arts, com. And Sci. college, Lakhandur, Dist. Bhandara	Presented
3.	Dr. V. P. Gorde	Towards development of tourism in Maharashtra State	National Seminar	10 Feb. 2019 Yashwantrao chawhan Arts, com. And Sci. college, Lakhandur, Dist. Bhandara	Attended




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4.	Dr. V. I. Kahalkar	Recent Trends in Biosciences : panacea for sustainable Development.	National Seminar	29 th Sept. 2018 Dept. of Botany, RTM, Nagpur University, Nagpur	Attended
5.	Dr. G. M. Kadhao	जनसंवाद आणि सामाजिक माध्यमांचा भारतीय समाजावर प्रभाव	National Seminar	18-19 January 2019 Dr. Babasaheb Ambedkar College , Bramhpuri Dist. Chandrapur	Presented
6.	Dr. V.H. Raiwatkar	Bhartya Sahitya: Chintan aur Chunotiya	International Seminar	14 th - 16 th Feb. 2019 Dept. of Hindi RTM, Nagpur University, Nagpur	Attended
7.	Dr. V. I. Kahalkar	Environment development & Sustainability.	International Conference	15 th Dec. 2018 Dept. of Botany Nya. Tatyasaheb Athalye College, Devruk Dist. Ratnagiri (MS)	Presented
8.	Dr. C. D. Mungmode	Multifunctional Advanced Material	International Conference	5 th - 7 th Oct. 2018 Kamala Nehru Mahavidyalaya, Nagpur	Presented
9.	Dr. G. M. Kadhao	Intervention of Science and Technology, Social Problems and Sustainable Development	National Conference	17 th June 2018 Department of Huimanities and Social Science , VNIT , Nagpur ,	Presented
10.	Dr. G. M. Kadhao	Environment and Social Development	National Conference	1 st Dec. 2018 Department of Humanities and Social Science, Taywade College ,Mahadula , Koradi Dist. Nagpur	Presented
11.	Prof. G. W. Borkar	Indian democracy and Media	National Conference	5 th Jan. 2019 Shivaji Arts, com., sci. college, Rajura, Dist. Chandrapur	Attended
12.	Dr. D. V. Thakare	Self- Employability skills development in physical education and sport science	National Conference	Dept. of physical education S. G B. Amravati University, Amravati	Attended





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13.	Prof. P. S. Meshram	Regional disparity in Maharashtra	State Level Seminar	11 th -12 th Jan. 2019 Savitribai Phule Pune University, Pune	Presented
14.	Prof. P. S. Meshram	Environmental Issues with special reference to India	State Level Seminar	4 th - 5 th Jan. 2019 Dept. of Geography, New Arts, Com., Science, College, Shevgaon	Attended
15.	Dr. V. P. Gorde	Regional disparity in Maharashtra	State Level Seminar	11 th -12 th Jan. 2019, Savitribai Phule Pune University, Pune	Presented
16.	Dr. V. P. Gorde	Environmental Issues with special reference to India	State Level Seminar	4 th - 5 th Jan. 2019, Dept. of Geography, New Arts, Com., Science, College, Shevgaon	Attended
17.	Prof. G. W. Borkar	Constitutional Binding and Judiciary	State Level Seminar	26 th Sept.2018, Shri Dny. Mahavidyalaya, Navargaon, Dist. Chandrapur	Attended
18.	Prof. D. M. Ghonmode	राम गणेश गडकरी ह्यांचे साहित्य : पुनर्मुल्यन	State Level Seminar	13 th - Jan. 2019, Dept. of Marathi RTM, Nagpur University, Nagpur	Attended
19.	Dr. V. H. Raiwatkar	राम गणेश गडकरी ह्यांचे साहित्य : पुनर्मुल्यन	State Level Seminar	13 th - Jan. 2019, Dept. of Marathi RTM, Nagpur University, Nagpur	Attended
20.	Dr. G. M. Kadhav	विदर्भ मराठी समाजशास्त्र	State level Seminar	14 th Nov. 2018, Nagbhid Dist. Chandrapur	Attended
21.	Dr. G. M. Kadhav	गावगाडयांच्या निमीत्ताने भविष्यातील ग्रामीण विकासाचे भवितव्य	One day State level Seminar	9 th Sept. 2018, Dr. Babasaheb Ambedkar College , Dikshabhumi , Nagpur	Attended
22.	Prof. M. K. Ramteke	Economics new syllabus B. A. Sem III & IV	One day Workshop University Level	Janta Mahavidyalaya Chandrapur Dist. Chandrapur	Attended




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23.	Dr. G. M. Kadhao	Disaster Management Training and Awareness Camp	Two days Workshop University Level	26-27 Feb. 2019, Mahatma Gandhi Arts , Science & Late N.P. Commerce College, Armori	Attended
24.	Dr. G. M. Kadhao	युवा माहिती दूत	One day Workshop University Level	Information and Communication Department , District Gadchiroli.	Attended
25.	Dr. G. M. Kadhao	Sociology PG and New Syllabus UG Sem. III & IV	One day Workshop University Level	20 th July 2018, Sharad Pawar Arts & Commerce College Gadchandur Dist . Chandrapur	Attended
26.	Dr. G. M. Kadhao	Research Methodology & Innovation	Seven days Workshop National Level	4 th – 10 th June 2018, Department of Humanities and Social Science , VNIT, Nagpur ,	Attended
27.	Prof. G. W. Borkar	Research Methodology & Innovation	Seven days Workshop National Level	4 th – 10 th June 2018, Department of Humanities and Social Science , VNIT, Nagpur ,	Attended
28.	Dr. Amita Bannore	Indian Women: Opportunities & Challenges	One day National conference	25/8/2018., Dept. of Home sci. Arts & science college Chincholi	Presented
29.	Dr. Amita Bannore	New techniques in Home Economics	One day University level workshop	1/12/2018, R. S. Mundle College, Nagpur	Attended
30.	Prof. S. T. Nagdeve	New syllabus of Botany (CBCS), B.Sc. III, Sem-V & VI	University	23/3/2019	Attended



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Books Publications:

SN	Name of Author	Title of Books	Details of publication	Authored/Co-authored
1.	Dr. R. N. Chavhan	As per New (CBCS) syllabus GUG B.Sc. Sem-IV, Text Book of Zoology	M/s. Rajni Prakashan & books Distributor, Nagpur, ISBN NO. 978-93-82683-56-8.	Co-Author
2.	Dr. J. N. Papadkar	As per New (CBCS) syllabus GUG B.Sc. Sem-IV, Text Book of Zoology	Celebrations infomedia, Hinganghat	Co-Author
3.	Dr. C. D. Mungmode	PHYSICS, B.Sc. -I (CBCS)	Himalaya Publishing Ltd., Mumbai, ISBN No.	Co-Author
4.	Dr. R. M. Thombre	Thermal physics and statistical mechanics, sem-III, Paper-I, II		Co-Author
5.	Dr. R. M. Thombre	Mechanics and relativity (gravitation, oscillation and properties of matter), sem -I		Co-Author

Avishkar- Science Exhibition – faculty participation;-

Sr. No.	Name of Faculty	Name of the Conference/ Seminar/ Workshop	Level	Date & Place	Participation
1.	Prof. P. S. Ganvir	Avishkar	University Level	10 th -11 th Dec. 2018 Shri. Dyn. Mahavidyalaya,	Poster Presented




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				Navergaon Dist. Chandrapur	
2.	Prof. P. S. Ganvir	Avishkar	State Level	15 th -18 th Jan. 2019 Gondwana University, Gadchiroli	Poster Presented

Faculty from the institution who are Ph.D. Supervisors:

Sr. No.	Name of the faculty	Department	Area of Research
1.	Dr. L.H. Khalsa	Mathematics	<ul style="list-style-type: none"> • Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07), • Partial differential equations (AMS 35J25, 35J67, 35K05, 35K20, 35K35, 35K50), • Integral transforms (AMS 44A05, 44A10), • Special functions (AMS 33C10), Thermoelasticity
2.	Dr. Mrs. V.P. Wanjari	Marathi	<ul style="list-style-type: none"> • Feminism
3.	Dr. R.M. Thombre	Physics	<ul style="list-style-type: none"> • Optical & Electrical Properties of Binary and Ternary thin film on Glass Substrate, CBD (Chemical Bath Deposition) spray-pyrolysis. • Crystal Growth, Microwaves studies
4.	Dr. R.V. Ghonmode	History	<ul style="list-style-type: none"> • Maratha History
5.	Dr. R.N. Chavhan	Zoology	<ul style="list-style-type: none"> • Limnology • Mammalian Reproductive Physiology • Toxicology
6.	Dr. U.T. Kamble	Commerce	<ul style="list-style-type: none"> • Economics, Management & Commerce
7.	Dr. C.P. Dorlikar	Geology	<ul style="list-style-type: none"> • Ingenuous Petrology

(Dr. C.D. Mungmode)



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With A Grade 3.02 CGPA

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Affiliated to Gondwana University, Gadchiroli

Research & Development Committee

Annual Report
2017-2018

Annual Report
Research and Development Committee
M.G. Arts, Science & Late N.P. Commerce College, Armori

2017-18

The role of research committee is to maintained research interest and advises on all matters related to research and research degree within the college. The committee provided valuable information to the faculty such as guidelines for major and minor research projects and motivate for research competition like *Aviskar*. It is also encouraged and developed a research culture and innovative work. The composition of the committee is as follows:

Sr. No.	Name	Designation	
1	Dr. L.H. Khalsa	Principal	Chairman
2	Dr. C.D. Mungmode	Assistant Professor, Dept. of Physics	Member
3	Dr. V.I. Kahalkar	Assistant Professor, Dept. of Botany	Member

The Members met 4 times in the session 2017-18 between July-2017 to March-2018.

Major decisions taken are:-

- Prepared annual plan for the academic session 2018-19.
- To collect research paper from faculty published in journal and proceeding in this academic session.

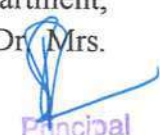
Research achievement:-

In the faculty we have 07 Research supervisor, 14 members with Ph.D. Degree, 05 with M.Phil. Degree. We are happy to report that the research activities were progressed continuously during this year. Two faculties, Dr. Jayesh Papadkar and Dr. Chhagan Mungmode, were award Ph.D., Two faculty members submitted their thesis, one faculty member, Prof. Gajanan Borkar, registered for Ph.D. degree, one faculty, Prof. S.B. Gedam, attended short term course in Research Methodology and one faculty, Prof. P.S. Ganvir, registered for six month Pre-Ph. D. course Programme.

The faculty also took keen interest in seminars and conferences. During this year 33 research papers were published in UGC referred journals, 01 in Conference Proceeding, 06 papers were presented in conferences/seminars and 31 conferences/seminar/workshop were attended by the faculty members.

Dr. Vasanta I. Kahalkar Prepared digital herbarium published by Forest Department, Navegaon-Nagzira Tiger Reserve. Four Text Book authored by Dr. L.H. Khalsa, Dr. Mrs. V.P. Wanjari, Prof. I.A. Khan and Dr. C.D. Mungmode were published.

List of UGC Approved Journals is produced and kept on IQAC Desktop.


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The details of research activities of the college during 2017-2018 are as follows:

1. Faculty from the institution who are Ph.D. Supervisors:

Sr. No.	Name of the faculty	Department	Recognized by	Area of Research
1.	Dr. L.H. Khalsa	Mathematics	GUG, RTMNU	<ul style="list-style-type: none"> • Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07), • Partial differential equations (AMS 35J25, 35J67, 35K05, 35K20, 35K35, 35K50), • Integral transforms (AMS 44A05, 44A10), • Special functions (AMS 33C10), Thermoelasticity
2.	Dr. Mrs. V.P. Wanjari	Marathi	GUG	<ul style="list-style-type: none"> • Feminism
3.	Dr. R.M. Thombre	Physics	GUG, RTMNU	<ul style="list-style-type: none"> • Optical & Electrical Properties of Binary and Ternary thin Film on Glass Substrate, CBD (Chemical Bath Deposition) spray-pyrolysis. • Crystal Growth, Microwaves studies
4.	Dr. R.V. Ghonmode	History	GUG	<ul style="list-style-type: none"> • Maratha History
5.	Dr. R.N. Chavhan	Zoology	GUG	<ul style="list-style-type: none"> • Limnology • Mammalian Reproductive Physiology • Toxicology
6.	Dr. U.T. Kamble	Commerce	GUG	<ul style="list-style-type: none"> • Economics, Management & Commerce
7.	Dr. C.P. Dorlikar	Geology	GUG	<ul style="list-style-type: none"> • Igneous Petrology

2. Ph. D. awarded in last academic session:

Sr. No.	Name of Faculty	Subject	Topic	Year of Ph.D. award
1.	Dr. J. N. Papadkar	Zoology	Light Microscopy and Electron Microscopic Endocrine Gland Study of Pteropus giganteus giganteus during Reproductive Cycle	2017

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2.	Dr. C.D. Mungmode	Physics	Synthesis and Characterization of Eu ²⁺ Activated Phosphors for Solid State Lighting	March-2018
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3. Faculty Participation in Conference/Seminars/Workshops:

International Conf./Sem.	National Conf./Sem.	State/University Conf./Sem.	National Workshops	State/University Workshops
05	13	00	01	12

4. Total number of publication by the faculty:

International Journal	National Journal	Int. Conference Proceedings	Nat. Conference Proceedings	Total
31	02	00	01	34

5. Minor Research Projects Ongoing:

02 Minor Research Projects are ongoing and 01 completed.

Sr. No	Name of Investigator	Subject	Major /Minor	Funding Agency	Amount Sanctioned	Status
1	Dr. C.P. Dorlikar	Geology	Minor	UGC	3,80,000	Ongoing
2	Mr. I.A. Khan	Mathematics	Minor	UGC	1,10,000	Ongoing
3	Dr. V.I. Kahalkar	Botany	Minor	Forest (Wildlife) Dept. M.S.	4,00,000	Completed

6. Books Published with ISBN/ISSN: 04 Books and 06 Faculty Members

Sr. No.	Name of Author	Title of the Book	Publisher	ISBN No.	Remark
1.	Dr. L.H. Khalsa and Prof. I.A. Khan	Mathematics B.Sc. Sem. I (CBCS)	Himalaya Publishing House, Nagpur	978-93-5273-455-9	Co-Authored
2.	Dr. L.H. Khalsa and Prof. I.A. Khan	Mathematics B.Sc. Sem. II (CBCS)	Himalaya Publishing House, Nagpur	978-93-5273-713-0	Co-Authored
3.	Dr. C.D. Mungmode	Physics – FY B.Sc. Semester II (CBCS)	Himalaya Publishing House, Nagpur	978-93-5299-034-4	Co-Authored
4.	Dr. V. P. Wanjari	Sahitya Sarita Compulsory Marathi B. A. I	Raghav Publication & distributor Nagpur - 32	978-93-83132-51-5	Co-Authored

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7. Research Oriented Course Attended: 02


Sr. No.	Name of Faculty	Subject	Course Name & Place	Duration
1.	S. B. Gedam	Physics	Short Term Course in Research Methodology, HRDC, RTMNU, Nagpur	One Week 28 Aug- 02 Sept, 2017
2.	P.S. Ganvir	Geology	Pre-Ph.D. Course, Pandit Ravishankar Shukla University, Raipur	Six Month, Feb. 2018 to till Date

8. Faculty Served as Resource Person:

Sr. No.	Name of Faculty	Subject	Place	Duration
1.	Dr. V.I. Kahalkar	Botany	Training camp of Forest Guides at Agarzari – Tadoba Andheri Tiger Reserve	13-14 July, 2017
2.	Dr. V.H. Raiwatkar	Marathi	Workshop on Marathi Language at Taluka Court, Armori	9 January, 2018

Date: 27/4/2018


Dr. L. E. Khalsa
Principal

The Member: - 1. Dr. Chhagan Mungmode — 

2. Dr. Vasanta Kahalkar — 


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Annexure

1. Research Publication in International/ National Journals:

Sr. No.	Name of Faculty	Title of the Paper	Name of the Journal & level	Details	Indexing Agency & Impact Factor	ISSN No.
1.	Dr. L.H. Khalsa	Quasi-Static Transient Thermal Stresses in an Elliptical Plate due to Sectional Heat Supply on the Curved Surface over the Upper Face	International, Journal of Applied and Computational Mechanics.	Vol. 4 (1), 2018, pp. 27-39 DOI: 10.22055/JACM.2017.22068.1123	UGC Approved	2383-4536
2.	Dr. L.H. Khalsa	Integral Transform Approach For Solving Dynamic Thermal Vibration in the Elliptical Disc	International, Journal of Thermal Stresses, (Taylor & Francis)	Online Published- 28 June 2017, pp. 1-18 DOI: 10.1080/01495739.2017.1285215	UGC Approved, I.F. 1.211 (Thomson Reuters 2016)	Print: 0149-5739 Online: 1521-074X
3.	Dr. L.H. Khalsa	Quasi-Static Transient Thermal Stresses in a Thick Annular Plate Subjected to Sectional Heat Supply	Annals of Faculty Engineering Hunedoara – International Journal of Engineering	Tome XIV (2016) Fascicule 3	UGC Approved	1584-2665
4.	Prof. I.A. Khan	Quasi-Static Transient Thermal Stresses in an Elliptical Plate due to Sectional Heat Supply on the Curved Surface over the Upper Face	International, Journal of Applied and Computational Mechanics.	Vol. 4 (1), 2018, pp. 27-39 DOI: 10.22055/JACM.2017.22068.1123	UGC Approved	2383-4536
5.	Dr. R.M. Thombre	Structural and Optical Properties LaS Thin Films Prepared by Spray Pyrolysis Technique	Int. J. Innovative Research in Science Engineering and Technology	Vol. 6 (7), July 2017 pp. 12686 – 12688 DOI: 10.15680/IJRSET.2017.0607033	UGC Approved	Print: 2347-6710 Online: 2319-8753

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6.	Prof. G.P. Juare	Octahedral Molecular Sieve (K-OMS-2) Supported Metal Nanoparticles For Catalysis	Int. J. Current Engineering and Scientific Research	Vol. 5 (1), 2018 pp. 393-395	UGC Approved , DRJI, Google Scholar, ROAD, Cite factor I.F. 3.241	Print: 2393-8374 Online: 2394-0697
7.	Prof. S.M. Sontakke	Octahedral Molecular Sieve (K-OMS-2) Supported Metal Nanoparticles For Catalysis	Int. J. Current Engineering and Scientific Research	Vol. 5 (1), 2018 pp. 393-395	UGC Approved, DRJI, Google Scholar, ROAD, Cite factor I.F. 3.241	Print: 2393-8374 Online: 2394-0697
8.	Dr. C.D. Mungmode	Synthesis and Photoluminescence Properties of High Brightness Eu ³⁺ Doped Li _{0.5} Al _{0.5} Mg ₂ (MoO ₄) ₃ Red Phosphor	Int. J. Current Engineering and Scientific Research	Vol. 5 (1), 2018 pp. 298-303	UGC Approved , DRJI, Google Scholar, ROAD, Cite factor I.F. 3.241	Print: 2393-8374 Online: 2394-0697
9.	Dr. C.D. Mungmode	Synthesis and Optical Properties of Yb ³⁺ Doped Li ₃ Ba ₂ La ₃ (MoO ₄) ₈	Int. J. Current Engineering and Scientific Research	Vol. 5 (1), 2018 pp. 111-115	UGC Approved, DRJI, Google Scholar, ROAD, Cite factor I.F. 3.241	Print: 2393-8374 Online: 2394-0697
10.	Dr. C.D. Mungmode	Wet Chemical Preparation and Photoluminescence in Cs ₂ MCl ₄ :Eu ²⁺ (M = Ba, Ca) Phosphors for pcLED Applications	Int. J. Current Engineering and Scientific Research	Vol. 5 (1), 2018 pp. 44-46	UGC Approved, DRJI, Google Scholar, ROAD, Cite factor I.F. 3.241	Print: 2393-8374 Online: 2394-0697
11.	Dr. C.D. Mungmode	Combustion Synthesis and Luminescence Properties of Red Emitting Sr _{4-x} Al ₆ MoO ₁₆ :xEu ³⁺ Phosphor	Int. J. Scientific Research in Science and Technology	Vol. 4 (1), Feb 2018 pp. 319-323	UGC Approved, DOAJ, DRJI, Google Scholar, Citefactor, Crossref.org, Research Gate I.F. 5.327	Print: 2395-6011 Online: 2395-602X

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12.	Dr. V.I. Kahalkar	Eleocharis Khandwaensis (Family Cyperaceae) A New Record for Maharashtra, India	International, Journal of Bombay Natural History Society	vol. 113, Nov. 2017, pp. 50 - 52 DOI: 10.17087/jbnhs/2016/v113/119694	UGC Approved	0006-6982
13.	Dr. V.I. Kahalkar	Centranthera tranquedarica (Orobanchaceae): An Addition to the Flora of Maharashtra, India	International, Journal of Economic Taxonomy Botany	vol. 40 (3 - 4), 2016 pp. 161-164	UGC Approved	0970-3306
14.	Prof. D.V. Thakare	The study of Injuries Occurring Inter-Collegiate Kabaddi Players of Gondwana University, Gadchiroli	National, Research Demagogue	pp. 300-302 DOI: 10.22183/23501081	UGC Approved, Infobase, Crossref. Open Access I.F. 5.210	2350-1081
15.	Prof. D.V. Thakare	Traditional and Recreational Games in India	Int. J. of Researches in Social Sciences and Information Studies	vol. 5, March 2017, pp. 72-76	UGC Approved	2347-8268
16.	Prof. S.T. Nagdeve	Diversity of Intramural Aeromycobiota of the Rice Godown of Rice Mill	Int. Advanced Research Journal in Science, Engineering and Technology	vol. 4 (8), Aug. 2017 pp. 37-41 DOI: 10.17148/IARJSET.2017.4805	UGC Approved	Print: 2394-1588 Online: 2393-8021
17.	Dr. V. H. Raiwatkar	Literary Rebel: In Light of Selected Plays of Marathi Playwright Vijay Tendulkar	Int. e-Journal Jai Maa Saraswati Gyandayini	Vol. 3 (1), July 2017 pp. 533-539 I.F. 4.032 (IJIF)	UGC Approved Cite Factor, Google Scholar	2454-8367
18.	Dr. V. H. Raiwatkar	वाङ्मयीन अभिरूची : स्वरूप, स्थित्यंतरे आणि समकालीन वास्तव	Int. e-Journal Research Journey	Dec. 2017, pp. 148-154 I.F. 3.452 (CIF)	UGC Approved	2348-7143

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19.	Dr. V. H. Raiwatkar	साहित्यांची संकल्पना व लक्षणे - स्वरूप निमांसा	Int. J. Vidyawarta	Vol. 9 (21), Mar. 2018 pp. 128-136 I.F. 5.131 (IIJIF)	UGC Approved	2319-9318
20.	Dr. V.P. Wanjari	सुरेश भट - काव्यामधुन विविध भाववृत्ती जपनाय कवी	Int. J. Printing Area	Vol. 4 (36), Dec. 2017 pp. 96-102 I.F. 4.002 (IIJIF)	UGC Approved	2394-5303
21.	Dr. V. P. Gorde	पर्यावरणीय आपत्ती - भारत - २०१७	Int. J. Vidyawarta	Special Issue, Feb. 2018 pp. 89-94 I.F. 5.131 (IIJIF)	UGC Approved	2319-9318
22.	Dr. V.P. Gorde	Cropping Pattern of Rice in Gadchiroli District	Int. J. Gurukul, Book on 'Sustainable Village Development: Emerging Ideas'	pp. 67-71 I.F. 3.325	UGC Approved	2394-8426
23.	Prof. P.S. Meshram	पर्यावरणीय आपत्ती - भारत - २०१७	Int. J. Vidyawarta	Special Issue, Feb. 2018 pp. 89-94 I.F. 5.131 (IIJIF)	UGC Approved	2319-9318
24.	Prof. P.S. Meshram	Cropping Pattern of Rice in Gadchiroli District	Int. J. Gurukul, Book on 'Sustainable Village Development: Emerging Ideas'	pp. 67-71 I.F. 3.325	UGC Approved	2394-8426
25.	Prof. S.K. Mohurle	Teaching English in Tribal Gadchiroli District: Challenges & Remedies	Int. J. Gurukul	Special Issue, Aug. 2017 pp. 45-49 I.F. 2.254	UGC Approved	2394-8426
26.	Prof. G.M. Kadhav	The Situations and Problems of Elderly in Rural Society	National Journal, The Inspiration	Vol. 01 (1), March 2018 pp. 73-75	-	ISBN 978-93- 83139-35-4
27.	Prof. N.N. Meshram	A Structural Study of Gazal	Int. e-Journal Jai Maa Saraswati Gyandayini	Vol. 3 (2), Oct. 2017 pp. 174 - 181	UGC Approved ROAD, Cite Factor,	2454-8367

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				I.F. 4.032 (IJJIF)	Google Scholar	
28.	Prof.N.N. Meshram	Development of Gazal Science its Emergence	Int. J. New Man	Vol. 4 (8), Aug. 2017 pp. 04-08 I.F. 4.321 (IJJIF)	UGC Approved DRJI, Google Scholar, IIFS	2348-1390
29.	Prof.N.N. Meshram	Origin and Development of English Drama	Int. J. LangLit	Vol. 4 (1), Aug. 2017 pp. 79-84 I.F. 4.231	UGC Approved	2349-5189
30.	Prof.N.N. Meshram	English Gazal: An Introduction	Int. J. New Man	Vol. 4 (12), Dec. 2017 pp. 92-96 I.F. 4.321 (IJJIF)	UGC Approved DRJI, Google Scholar, IIFS	2348-1390
31.	Prof.N.N. Meshram	Factors Affecting English Learning of Undergraduate Marathi Medium Students From Gadchiroli District and Some Remedies	Int. J. Gurukul	Special Issue, Aug. 2017 pp. 38-44 I.F. 2.254	UGC Approved	2394-8426
32.	Prof.N.N. Meshram	Factors Affecting English Learning of Undergraduate Marathi Medium Students From Vidarbha and Some Remedies	Int. e-Journal Jai Maa Saraswati Gyandayini	Vol. 3 (1), July 2017 pp. 160-169 I.F. 4.032 (IJJIF)	UGC Approved ROAD, Cite Factor, Google Scholar	2454-8367
33.	Prof. D.M. Ghonmode	Savitaimai phule Yanchi Kavita	Int. J. Printing Area	I.F. 4.002 (IJJIF)	UGC Approved	2394-5303

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2. Research Paper Published In International/National Conference Proceeding:

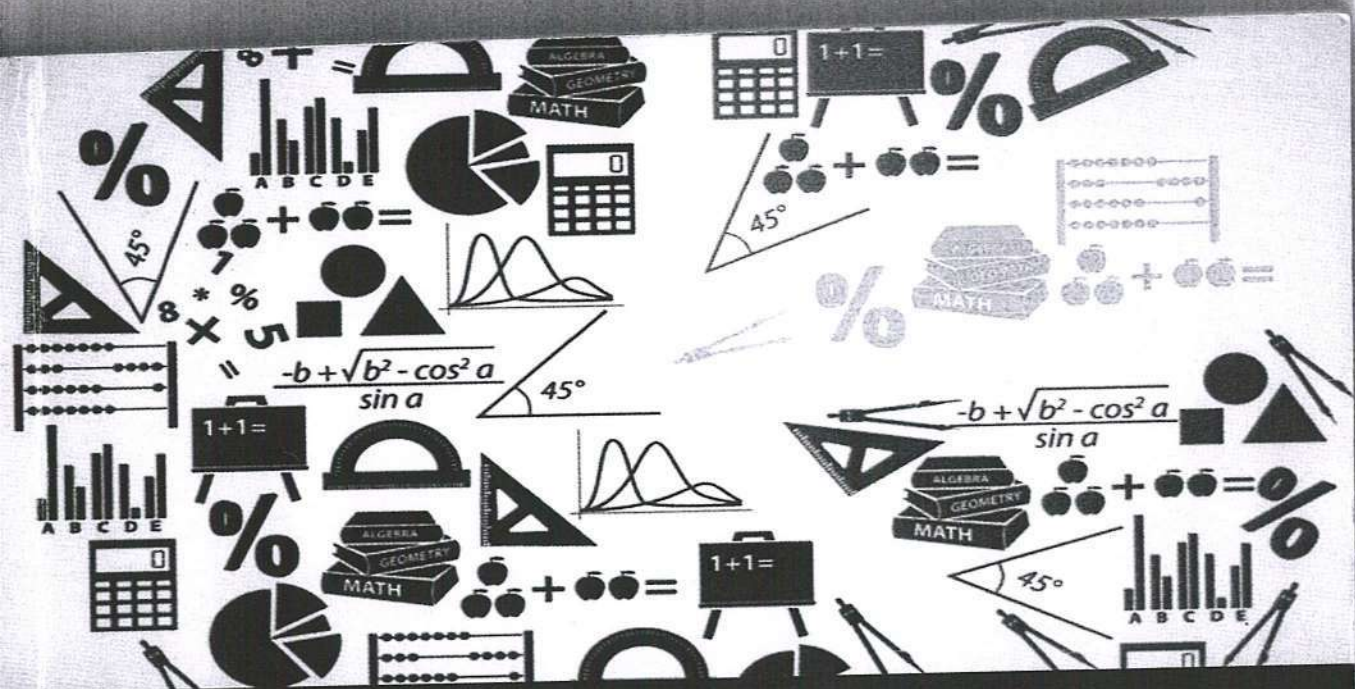
Sr. No.	Name of Faculty	Title of the Paper	Name of the Conference/ Seminar	Date & Page no.	Place	ISBN No.
1.	Prof.D.V. Thakare	Importants of Physical Fitness Exercise	National Workshop on <i>Importance of Stretching Exercises for Enhancement of Performance Levels in Sports Persons</i>	24 Feb 2018, pp. 621-624	Dr. Mudhukarrao Wasnik P.W.S. Arts and Commerce College, Nagpur	

3. Conferences/ Seminar/ Workshop Attended and Paper Presented:

Sr. No.	Name of Faculty	Name of the Conference/ Seminar/ Workshop	Level	Date & Place	Participation
1.	Prof.D.V. Thakare	Importance of Stretching Exercises for Enhancement of Performance Levels in Sports Persons	National Workshop	24 Feb 2018, Dr. Mudhukarrao Wasnik P.W.S. Arts and Commerce College, Nagpur	Attended
2.	Prof.D.V. Thakare	Future Prospective of Physical Education, Sport Sciences and Yogic Sciences	International Conference	15-16 Dec., 2017 Dept. of Physical Education, SGB Amravati University, Amravati	Attended
3.	Prof.S.T. Nagdeve	Modern Perspective in Life Sciences	National Seminar	9-10 March, 2018 Gramgeeta College, Chimur, Dist. Chandrapur	Attended
4.	Prof.S.T. Nagdeve	Botany CBCS Syllabus Discussion for UG Sem. III & IV	University Level Workshop	4 April, 2018 Anand Niketan College, Warora, Dist. Chandrapur	Attended

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As per the New Semester-wise Syllabus of Gondwana University

Mathematics

B.Sc. Semester I (CBCS)

Paper - I : Differential and Integral Calculus (USMT-01)

Paper - II : Differential Calculus and Trigonometry (USMT-02)

- | | | |
|-----------------|---|-----------------|
| Dr. L.H. Khalsa | • | Dr. S.S. Singru |
| Ishaque Khan | • | Dr. S.D. Deo |
| Vijay Soni | • | Rishi Agrawal |

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Mathematics

B.Sc. Semester II (CBCS)

Paper - I : Ordinary Differential Equations and
Difference Equations (USMT-03)

Paper - II : Partial Differential Equation (USMT-04)

$$\begin{aligned} I_P(t) &= -e^t \int \frac{(t+1)t}{-te^t} dt + (t+1) \int \frac{e^t(t)}{-te^t} dt \\ &= e^t \int (t+1)e^{-t} dt - (t+1) \int dt \\ &= e^t (-e^{-t}(t+2)) - (t+1)t \end{aligned}$$

Dr. L.H. Khalsa • Dr. S.S. Singru
Ishaque Khan • Dr. S.D. Deo
Narendra T. Katre • Rajendra T. Katre


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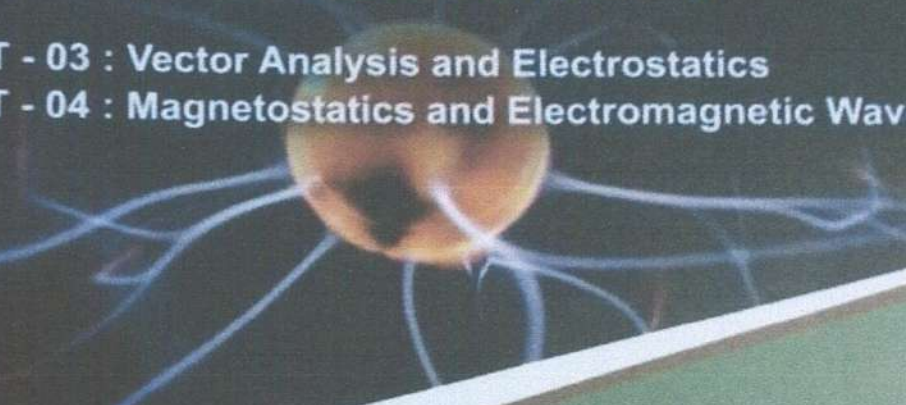
As per the New Semester wise Syllabus of Gondwana University

PHYSICS

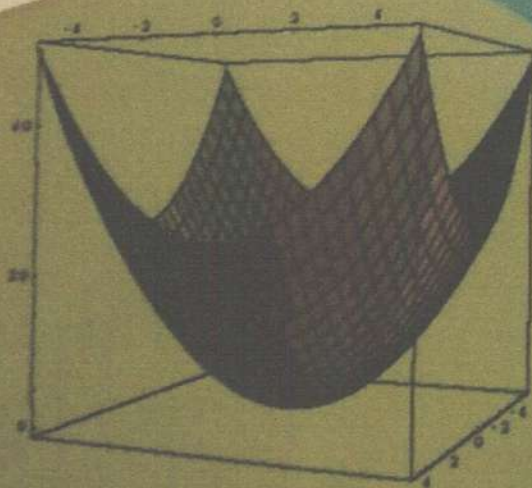
F.Y.B.Sc. Semester II (CBCS)

USPHT - 03 : Vector Analysis and Electrostatics

USPHT - 04 : Magnetostatics and Electromagnetic Waves



Dr. Ishwar S. Mohurley
Prof. D.M. Parshuramkar
Dr. Chhagan D. Mungmode
Dr. Dilip S. Choudhary
Dr. Ajay Yoel
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महात्मा गांधी महाविद्यालय, आरमोरी

साहित्य सरिता

भाग-१

गोंडवाना विद्यापीठ, गडचिरोलीच्या बी. ए. प्रथम वर्षासाठी
आवश्यक मराठी विषयाचे पाठ्यपुस्तक

: संपादक मंडळ :

डॉ. परमानंद बावनकुळे

डॉ. श्याम मोहरकर

डॉ. विशाखा वंजारी

डॉ. मिनाक्षी दरणे

डॉ.

डॉ. नरेंद्र आरेकर

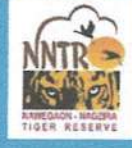
डॉ. गणेश चवरी

राधव

राधव पब्लिशर्स ज.प. उ. उ.
नागपूर-३२

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NAWEGAON-NAGZIRA TIGER RESERVE, GONDIA

नवेगाव नागझिरा व्याघ्र राखीव क्षेत्र, गोंदिया

राष्ट्रीय व्याघ्र प्रगणने करीता वनस्पतींची सहचित्र यादी

(विदर्भातील वने तसेच संरक्षित क्षेत्रात आढळणा-या सर्वसामान्य झुडूप, छोट्या वनस्पती, तण, गवत प्रजातीं)

Photos are collected from Nawegaon-Nagzira Tiger Reserve, Gondia

Documented by Dr. Vasanta Kahalkar, Assistant Professor, Department of Botany,
Mahatma Gandhi Art's Science College, Armori, District-Gadchiroli

Office of Conservator of Forest and Field Director
Nawegaon-Nagzira Tiger Reserve, Gondia

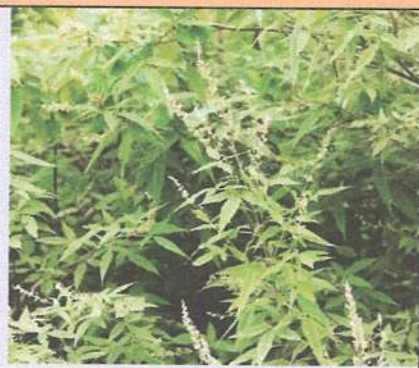
- विविध प्रगणना, अभ्यास, संशोधनात वनस्पतींची ओळख पटविण्यास मदत होण्याच्या दृष्टीने नवेगाव नागझिरा व्याघ्र प्रकल्पातील काही निवडक वनस्पतीचे फोटो एकत्र करून मराठी नाव तसेच शास्त्रीय नावासह त्यांचे झुडूप, छोट्या वनस्पती, तण, गवत अशी वर्गवारीसह यादी देण्यात येत आहे, यादीमध्ये समविष्ट नसलेली प्रजाती दिसल्यास तीची देखील नचुकता नोंद घ्यावी.
- वनस्पतींचे वृक्ष, झुडूप व लहान वनस्पती (हर्ब) असे वर्गीकरण त्यांच्या उंचीनुसार करावे
 - वृक्ष म्हणजे २ मिटर पेक्षा जास्त उंच वनस्पती, झुडूप म्हणजे २ मिटर पेक्षा कमी उंच परंतू ४० से.मि. पेक्षा जास्त उंच वनस्पती व लहान वनस्पती (हर्ब) म्हणजे ४० से.मि. पेक्षा कमी उंच वनस्पती तसेच तण हे झुडूप, लहान वनस्पती (हर्ब) असू शकते परंतू नको असलेल्या, अखाद्य, परदेशी प्रजातीच्या वनस्पती म्हणजे तण होय. गवत ही एकदल वनस्पती असून ती पोयासी कुळात मोडते.
 - २ मीटर पेक्षा जास्त उंचीच्या बांबुला झाड व २ मीटर पेक्षा कमी उंचीच्या बांबुला झुडूप समजावे.
 - वेली ह्या झुडूप प्रवर्गात मोडतात.

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Common Shrubs species found in NNTR
(नवेगाव नागझिरा व्याघ्र प्रकल्पातील सर्वसामान्य झुडूप प्रजाती)



Vitex negundo L.
निळगुळी/ निर्गुंडी



Abrus precatorius L.
गुंज



Alangium salviifolium
अंकोळ/अकोला



Teramnus labialis (L.f.)
रान उडीद



Thespecia lampas (Cav.)
जंगली कापूस



Barleria cristata L.
कोरांटी



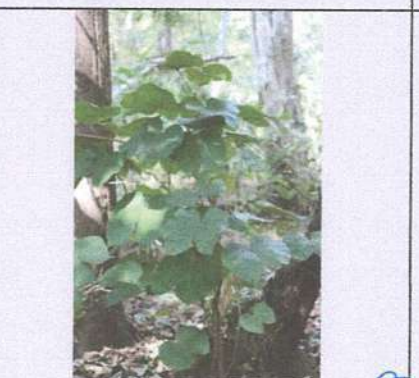
Combretum album Pres.



Cassia occidentalis L.
काशिद



Celastrus paniculatus Wild
माल-कांगनी/ ज्योतीष्मती















Bauhinia vahlii
माहुर वेल



Desmodium heterocarpon
जांभळी दशमी



Embelia basaal (R. & S.)
वावडीग

		
<i>Desmodium velutinum</i>	<i>Gardenia resinifera</i> Roth डीकामाली	<i>Dillenia pentagyna</i> Roxb. पिवळी करमळ
		
<i>Baliospermum montanum</i> दंती	<i>Maytenus emarginata</i> भाराटी	<i>Calycopteris floribunda</i> उक्षी
		
<i>Pogostemon benghalensis</i> पांगळी	<i>Flemingia bracteata</i> (Roxb.) कानफुटी	<i>Olax scandens</i> Roxb. हरडुली
		
<i>Helicteres isora</i> L. मुरूडशेंग	<i>Hygrophila schulli</i> एखरा/ सरांटा	<i>Grewia rothii</i> DC



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(Established by Government of Maharashtra Notification No. MISC-2007/(322/07) UNI-4 Dated 27th Sept.2011 & Presently a State University Governed by Maharashtra Public University Act, 2016 (Maharashtra Act No. VI of 2017))

- BOARD OF EXAMINATION & EVALUATION -
MIDC Road, Complex, Gadchiroli. 442605. (Contact No. 7774027670)

No/GU/Ph.D./594 /2017

Date: 31/08/2017

Ph.D. (Cell)

To,
Dr. Chandrakant P. Dorlikar
Post Graduate Dept. Geology
M.G. College, Armori,
Dist.- Gadchiroli.

Subject: - Recognition as Ph.D. Supervisor
Reference: - Your application dated 15-04-2017

Sir/ Madam,

With reference to your application regarding the subject cited above I am to inform you that the Board of Deans in its meeting held on 10/08/2017 has approved the recommendations of the Research and Recognition Committee, for granting Recognition as a Supervisor for the Ph.D. in the subject Geology under the faculty of Science and Technology

You Recognition No. is GUG/Ph.D. Sup. Rec./609/2017

This is for Your Information

(Dr. G.D. Dubey)

Dy. Registrar (Ph.D.Cell)
Gondwana University, Gadchiroli

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Mahatma Gandhi Arts,
Science & Late
N P Commerce College,
Armori, Dist - Gadchiroli



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14th July 2017

The Principal
M.G. College
Armori
Dist Gadchiroli

Email: vasantak30@rediffmail.com

Respected Sir,

Sub: Guide Training Workshop at Agarzari – July 2017

It gives me great privilege to put on records our sincere gratitude for allowing Dr. Vasanta G Kahalkar, Asst Professor of Botany from your esteemed College to share his vast field knowledge with the Forest Guides at Agarzari – Tadoba Andhari Tiger Reserve from 13th to 14th July, 2017.

His work has inspired many young guides to look at Botany with passion.

Thank you once again.

With best regards,
For Ran Mangli Foundation

Anirudh Chaoji
Director

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Armori, Dist - Gadchiroli



दिवाणी व फौजदारी न्यायालय, आरमोरी

प्रमाणपत्र

प्रमाणित करण्यात येते की, प्रा. डॉ. विजय हरीराम रैवतकर, सहाय्यक प्राध्यापक, महात्मा गांधी कला, विज्ञान व स्व. न. प. वाणिज्य महाविद्यालय, आरमोरी यांनी मराठी भाषा संवर्धन पंधरवडा अंतर्गत दिवाणी व फौजदारी न्यायालय, आरमोरी येथे आयोजित शुध्दलेखन कार्यशाळेत मराठी भाषा यावर आपले अभ्यासपूर्ण मार्गदर्शन केले. त्यांनी मराठी भाषेत होणारे कार्यालयीन कामकाजाची माहिती दिली. तसेच भाषाविषयक महत्वपूर्ण नियम सांगितले.

सबब प्रमाणपत्र देण्यात येत आहे.

दिनांक :- ०९/०१/२०१८

स्थळ - आरमोरी



[Handwritten Signature]
21/1/2018

सहाय्यक अधीक्षक

दिवाणी न्यायाधीश (क. स्तर) तथा
न्यायदंडाधिकारी प्रथम श्रेणी,
आरमोरी.

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University governed by Maharashtra Universities Act, 2016 (Mah. Act No. VI of 2017)

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Certificate of Participation

This is to certify that Dr./Mr./Mrs./Miss. Shashikant B. Gedam, Assistant Professor, M. G. College, Armori, affiliated to Gondwana University, Gadchiroli, participated in the One Week Short Term Course in Research Methodology, organized from 28th August to 02nd September, 2017.

Rehama
Coordinator

[Signature]
Principal

Mahatma Gandhi Arts,
Science & Late
N. P. Commerce College,
Armori, Dist - Gadchiroli

[Signature]
Director



[Signature]
Vice-Chancellor

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Certificate of Participation

This is to certify that Dr./Mr./Miss./Mrs. Vasanta I Kahalakar, Assistant Professor, Mahatma Gandhi Arts, Science & Late N. P. Commerce College, Armori, affiliated to Gondwana University, Gadchiroli, participated in the Refresher Course in Biology (Life Science) (Botany) from 08th November to 28th November, 2017 and obtained Grade 'A'.

P.G. Dharmik
COORDINATOR

Principal
Mahatma Gandhi Arts,
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N. P. Commerce College,
Armori, Dist - Gadchiroli

DIRECTOR

VICE-CHANCELLOR



GONDWANA UNIVERSITY GADCHIROLI

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033574



Doctor of Philosophy (Faculty of Science & Technology) (विज्ञान व तंत्रज्ञान आचार्य)

This is to certify that
Mr. Chhagan Dadaji Mungmode *having pursued a*
course of study prescribed by this University and having
passed the requirements by Examination and by thesis
has been admitted to the degree of Doctor of Philosophy
in the Subject Physics in the Faculty of
Science & Technology for the Thesis entitled

*"Synthesis And Characterisation Of Eu²⁺ Activated Phosphors For
Solid State Lighting"*

*The Candidate has been declared for the award of the
Degree of Ph. D. in the year 2018*

Gadchiroli: 31st March. 2018

Vice-Chancellor

Principal
Mahatma Gandhi Arts,
Science & Late
N.P. Commara College





Gondwana University, Gadchiroli

(Established by Government of Maharashtra Notification No. MISC-2007/(322/07) UNI-4 Dated 27th Sept.2011 & Presently a State University Governed by Maharashtra Public University Act, 2016 (Maharashtra Act No. VI of 2017))

NOTIFICATION (Award of Ph.D. Degree)

07 March, 2018

NO./GUG/Ph.D. Cell/ 152/2018

It is notified for general information that the Hon'ble Vice Chancellor has accepted the Reports of the Examiners appointed by the Board of Examinations & Evaluation for assessment of the Thesis submitted by the following Candidates for the Degree of Ph.D., on behalf of the Board of Examinations & Evaluation u/s 48(2) of the Maharashtra Public Universities Act, 2016 and has declared these Candidates qualified for the Degree of Doctor of Philosophy (Ph.D.) in compliance of the provisions of UGC Minimum Standard and Procedures for awards of Ph.D. Degree as per UGC Regulation 11th July, 2009, in the faculty and Subjects, mentioned below against their respective names :

TABLE

S. N.	Name & Address of the Candidate	Date of Registration	Date of Thesis/ Treatise Submission	Degree	Faculty	Subject	Title of Thesis / Treatise	Name & Address of the Supervisor(s)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1	Mr. Chhagan Dadaji Mungmode At Post Sawargaon, Tah. Nagbhir. Dist- Chandrapur. Pin No. 441 221	03/01/2014	12/07/2017	Ph.D.	Science & Technology	Physics	"SYNTHESIS AND CHARACTERISATION OF Eu ²⁺ ACTIVATED PHOSPHORS FOR SOLID STATE LIGHTING"	Dr. D.H. Gahane Dept. of Physics, Nevjabai Hitkarini Mahavidyalaya, Bramhapuri. Dist-Chandrapur
2	Mr. Gaurav Ramesh Nimbarte Near Saibaba B.Ed. College, Revenue Colony, Mul Road, Gadchiroli. 442605	07/10/2014	13/10/2016	Ph.D.	Science & Technology	Chemistry	"STUDIES IN THE pH. METRIC, SPECTROPHOTOMETRIC AND REFRACTOMETRIC MEASUREMENTS OF SOME SUBSTITUTED DIHYDROPYRIMIDIN-2(1H)-ONE IN SOLUTION."	Dr. Suresh B. Rewatkar, Mohsinbhai Zaveri College, Wadsa Desaigang. Dist-Gadchiroli Dr. Yuvraj K. Meshram, Assit. Prof. & Head G.S. Science Art & Commerce College, Khamgaon. Dist Buldana.444303

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Research & Development Committee
M. G. Arts, Science & Late N.P. Commerce College,
Armori


Best Practices

Sr. No.	Name of Activity	Duration
1.	To organize one day Workshop on "Intellectual Property Rights (IPR)".	Jan, 2019 August, 2018
2.	To organize motivational speech on 'Scope in Research' for staff members by senior scientist.	December, 2018
3.	To establish a Teacher's Committee for participation in AVISHKAR Competition.	June, 2018

1) Principal, Dr. L.H. Khalsa

2) Dr. C. D. Mungmode — C.D.

3) Dr. V. I. Kahalkar — V.I.


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Date: 10/11/2018

Right Place For Bright Future
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Mahatma Gandhi Arts, Science & Late N.P. Commerce College

NAAC reaccredited 'A' Grade (3.02 CGPA)

Affiliated to Gondwana University, Gadchiroli

Research & Development Committee

Annual Report
2016-2017

Annual Report
Research and Development Committee
2016-17

The college has active Research and Development Committee which aims to create a research culture and scientific temper in the college. The composition of the committee is as follow:


Sr. No.	Name	Designation	
1	Dr. L.H. Khalsa	Principal	Chairman
2	C.D. Mungmode	Assistant Professor, Dept. of Physics	Member
3	Dr. V.I. Kahalkar	Assistant Professor, Dept. of Botany	Member

Aims & Objective of the Research Committee

1. To create a research culture and scientific temper among the college.
2. Encourage faculty to take up/apply for major and minor research projects.
3. Promotion of scientific and research attitude among the faculty and students.

Research facility :

1. Copy of research project and publication are kept as reference for students in every research centre.
 2. Central library has a large no. of reference book, journal, encyclopedias and magazines etc. and well equipped laboratories.
- The research committee primarily collects the data on research activities in a specific format from the faculty. The data encompasses research publications, paper presentations in seminars and conferences. The research committee keeps an eye on the activities of various research organizations and passes on valuable information to the faculty such as guidelines for major and minor research projects and faculty improvement programme of UGC and other agencies. The timely follow up by research committee has resulted in increasing submission of research project proposals by the faculty.
 - A team of two students' viz. Miss. Mrunmayee Lanjewar and Mr. Durgesh Gonnade were participated in research promotion event AVISKAR held at S.P. College, Chandrapur.
 - One faculty member, Dr. Vasanta I. Kahalkar has been submitted proposal of Minor Research Project to the Forest Department (Wildlife), Government of Maharashtra for financial support.


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- Twelve faculty member out of 28 having Ph. D degree. Three staff member have submitted their doctoral research thesis to the university. The college has 07 recognized Ph. D. Supervisors. Few of them are also recognized as supervisor in other university.

The details of research activities of the college during 2016-2017 are as follows:

1. Faculty from the institution who are Ph.D. Supervisors:

Sr. No.	Name of the faculty	Department	Area of Research
1.	Dr. L.H. Khalsa	Mathematics	<ul style="list-style-type: none"> • Boundary Value Problem In Heat Conduction (AMS 34B05, 34B07), • Partial differential equations (AMS 35J25, 35J67, 35K05, 35K20, 35K35, 35K50), • Integral transforms (AMS 44A05, 44A10), • Special functions (AMS 33C10), Thermoelasticity
2.	Dr. G.S. Tamgale	Sociology	<ul style="list-style-type: none"> • Study of Tribal and Backward communities.
3.	Dr. Mrs. V.P. Wanjari	Marathi	<ul style="list-style-type: none"> • Feminism
4.	Dr. R.M. Thombre	Physics	<ul style="list-style-type: none"> • Optical & Electrical Properties of Binary and Ternary thin Film on Glass Substrate, CBD (Chemical Bath Deposition) spray-pyrolysis. • Crystal Growth, Microwaves studies
5.	Dr. R.V. Ghonmode	History	<ul style="list-style-type: none"> • Maratha History
6.	Dr. R.N. Chavhan	Zoology	<ul style="list-style-type: none"> • Limnology • Mammalian Reproductive Physiology • Toxicology
7.	Dr. U.T. Kamble	Commerce	<ul style="list-style-type: none"> • Economics, Management & Commerce

2. Ph. D. awarded in last academic session:

Name of Faculty	Subject	Year of Ph.D. award
Dr. M. M. Thaore	Commerce	2016

3. Faculty Participation in Conference/Seminars/Workshops:

International Conf./Sem.	National Conf./Sem.	State/University Conf./Sem.	National Workshops	State/University Workshops
04	05	02	-	04

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4. Total number of publication by the faculty:

International Journal	National Journal	Int. Conference Proceedings	Nat. Conference Proceedings	Total
16	03	00	02	21

5. Minor Research Projects Ongoing:


03 Minor Research Projects are ongoing.

Sr. No	Name of Investigator	Subject	Major /Minor	Funding Agency	Amount Sanctioned	Status
12	Dr. C.P. Dorlikar	Geology	Minor	UGC	3,80,000	Ongoing
13	Dr. V.I. Kahalkar	Botany	Minor	Forest (Wildlife) Dept. M.S.	4,00,000	Ongoing
14	Mr. I.A. Khan	Mathematics	Minor	UGC	1,10,000	Ongoing

6. Books Published with ISBN/ISSN: 03

Sr. No.	Name of Author	Title of the Book	Publisher	ISBN/ISSN No.	Remark
1.	Dr. R.V. Ghonmode	Sadashivbhai Ballal: Kal Ani Kartutva	Lotus & Cobra Publishing House, Nagpur	978-81-933092-1-6	Co-Authored
2.	Dr. R.V. Ghonmode	Mughal – Rajput Sambandh: 1526 - 1707	Lotus & Cobra Publishing House, Nagpur	978-81-933092-2-3	Sole Authored
3.	Dr. V.P. Wanjari	Striwad Ani Dr. Vijaya Rajadhaksha	Shubhay Publication, Mumbai	978-81-921132-5-3	Sole Authored

Dr. L. H. Khalsa
Principal

The Member: - 1. Prof. Chhagan Mungmode — 

2. Dr. Vasanta Kahalkar — 



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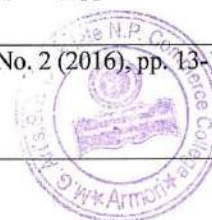
Research Activities for the Session 2016-2017

1. Research Publication in International/National Journal:

Sr. No.	Name of Faculty	Title of the Paper	Name of the Journal & level	Details	Impact Factor	ISSN No.
1.	Dr. L.H. Khalsa	Thermoelastic-induced Vibration on an Elliptical Disk with Internal Heat Sources	Journal of Thermal Stresses, (Taylor & Francis), International	dx.doi.org/10.1080/01495739.2016.1254075	1.211 (Thomson Reuters 2016)	
2.	Dr. L.H. Khalsa	Heat Source Problem of Thermoelasticity in an Elliptic Plate with Thermal Bending Moments	Journal of Thermal Stresses, (Taylor & Francis), International	dx.doi.org/10.1080/01495739.2016.1211496	1.211 (Thomson Reuters 2016)	
3.	Dr. L.H. Khalsa	Transient Thermoelastic Problem in a Confocal Elliptical Disc with Internal Heat Sources	Advances in Mathematical Sciences and Applications	Vol. 25, No. 1 (2016), pp. 43-61		
4.	Dr. L.H. Khalsa	Thermoelastic Theories on Elliptical Profile Objects: An Overview & Prospective	Int. J. Adv. Appl. Math. & Mech.	Vol. 4, No. 2 (2016), pp. 12-20		2347-2529
5.	Dr. L.H. Khalsa	Inverse Quasi-Static Unsteady-State Thermal Stresses In A Thick Circular Plate	Cogent Mathematics	Vol. 4, (2017), doi.org/10.1080/23311835.2017.1283763, pp. 2-10		-
6.	Dr. V.I. Kahalkar	Two new species of <i>Brachystelma</i> (Apocynaceae: Ceropegieae) from peninsular India	Rheedeia, International	Vol. 6, No. 2, (2016), pp. 60-67	0.22 SJR – 0.23	0971-2313
7.	Dr. R.N. Chavhan	Observations and Studies of Floral Diversity in Lake Mendaki, Tahsil Bramhipuri of Distric Chandrapur, Maharashtra State (India)	Gurukul International Multidisciplinary Research Journal	Vol. 4, No. 6, (2016), pp. 100-105 Principal Mahatma Gandhi Arts, Science & Late N. P. Commerce College, Armori, Dist - Gadchiroli	2.254	2394-8426

8.	Dr. R.N. Chavhan	Studies on Some Physico-Chemical Characteristic of Hanuman Temple Lake Kurza, Tahsil Bramhapuri of Chandrapur District (M.S.), India	Sanskriti International Multidisciplinary Research Journal	Vol. 2, No. 2, (2016), pp. 92-97		2455-1511
9.	Dr. R.N. Chavhan	Study on Diversity of Zooplankton and Some Water Quality Parameters in Talodhi Lake District Gadchiroli (M.S.), India	Research Ambition-an International Multidisciplinary e-Jour	Vol. 1, No. 3 (2016), pp. 106-115	3.071 (IIF)	2456-0146
10.	Dr. V.H. Raiwatkar	<i>Namdeo Dhasal Yanchya Kavyatil Samajikta</i>	Research Ambition-an International Multidisciplinary e-Jour	Vol. 1, No. 3 (2016), pp. 22-26	3.071 (IIF)	2456-0146
11.	D. M. Ghonmode	<i>Bhartiya Dalit Sahitya</i>	Jai Maa Saraswati Gyandayini - an International Multidisciplinary e-Jour	Vol. 2, No. 2 (2016), pp. 145-156	4.032 (IIF)	2454-8367
12.	Dr. V.H. Raiwatkar	<i>Bhartiya Dalit Sahitya</i>	Jai Maa Saraswati Gyandayini - an International Multidisciplinary e-Jour	Vol. 2, No. 2 (2016), pp. 145-156	4.032 (IIF)	2454-8367
13.	Dr. V.H. Raiwatkar	<i>Vijay Tendulkaranchya Natakatil Vangamayin Vidroh</i>	Sanshodhan Samiksha, International	Special Issue, (June 2016), pp. 43-45	-	2278-9308
14.	D.M. Ghonmode	<i>Mahatma Fulyanchi Adarsh Samaj Rachana</i>	Research Journal of India, National	Vol. 3, No. 1 (2016), pp. 42-46	-	2349-9370
15.	C.D. Mungmode	Thermoluminescence Studies on CsBa ₂ I ₅ :Eu ²⁺ Phosphor	N.H. Journal of Multidisciplinary Studies	Principal Vol. 1, No. 2 (2016), pp. 13-15	-	2454-3780

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16.	C.D. Mungmode	Synthesis and Photoluminescence of Near UV exciting Eu^{2+} Activated $\text{Ba}_5(\text{PO}_4)_3\text{Cl}$ Blue Phosphor	N.H. Journal of Multidisciplinary Studies	Vol. 1, No. 2 (2016), pp. 16-18	-	2454-3780
17.	P.S. Meshram	A Geographical Study of Tribal Tourism and its Problems in Gadchiroli District	Gurukul	Special issue Dec. 2016, pp. 51-57	2.254	2394-8428
18.	Dr. V.P. Gorde	A Geographical Study of Tribal Tourism and its Problems in Gadchiroli District	Gurukul	Special issue Dec. 2016, pp. 51-57	2.254	2394-8428
19.	I.A. Khan	Inverse Quasi-Static Unsteady-State Thermal Stresses In A Thick Circular Plate	Cogent Mathematics	Vol. 4, (2017), doi.org/10.1080/23311835.2017.1283763, pp. 2-10	-	-

2. Research Paper Published In International/National Conference Proceeding:

Sr. No.	Name of Faculty	Title of the Paper	Name of the Conference/ Seminar	Date & Page no.	Place	ISBN No.
1.	Dr. V.H. Raiwatkar	<i>Golpithatil Samajikta</i>	National Seminar on <i>Ambedkarwad Ani Namdeo Dhasal Yanchi Kavita</i>	20 Sep. 2016, pp. 103-106	Nagarparishad Shivaji Mahavidyalaya, Mohad, Nagpur	978-93-5235-973-8
2.	D.M. Ghonmode	<i>Loknatyachya Prabhavatun Nirman Zalelya Vaishwik Kalakruti</i>	National Conference on <i>Jagatikikaran Ani Marathi Loknatya</i>	30 March 2017, pp. 53-57	Jagat College, Goregaon	978-93-82962-92-2

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