

# Session 2017-18

1

SHRI DURGA SHIKSHAN SANSTHA, ARJUNI/MORGAON

**SHIVPRASAD SADANAND JAISWAL COLLEGE**  
(Arts, Commerce & Science)  
ARJUNI/MORGAON, DIST - GONDIA  
NAAC RE-ACCREDITATION "B" GRADE

**Impact of GST**

ONE DAY STATE LEVEL INTERDISCIPLINARY SEMINAR  
ON  
**IMPACT OF GST ON INDIAN ECONOMY:  
PRESENT & FUTURE**

|     |   |     |
|-----|---|-----|
| 14. | Impact of GST on Agricultural Sector                      | 59  |
|     | Dr. Rajesh P. Kamble                                      |     |
| 15. | Impact of GST on India Economy: Present And Future        | 62  |
|     | Vijay. P. Rahangdale                                      |     |
| 16. | Impact of GST on Manufacturing Sector                     | 68  |
|     | Dr. Kishor Ghomade  |     |
|     | Prof. Vinod Khapane                                       |     |
| 17. | Impact of GST on Supply Chain Strategy and Transportation | 72  |
|     | Dr. Sanjay Tekade   |     |
| 18. | Salient Features & Framework of Gst                       | 76  |
|     | Dr. Meena Anil Deshmukh                                   |     |
| 19. | Impact of GST on Education and Agricultural Sector        | 81  |
|     | Mrs. Alka Ashutosh Bhishe                                 |     |
| 20. | Role Object and Importance of GST                         | 87  |
|     | Dr. Rameshwar Laddha                                      |     |
| 21. | Challenges and opportunities of GST                       | 90  |
|     | Prof. Murali Rajdev                                       |     |
| 22. | Impact of Goods and Services Tax on Indian Economy        | 94  |
|     | Prof. Ramlal Gahane                                       |     |
| 23. | Challenges and Opportunities of GST                       | 100 |
|     | Dr. Pravin M. Chandragiriwar                              |     |
|     | Dr. Munnali S. Lilhare                                    |     |
| 24. | GST: Challenges & Opportunities in India                  | 105 |
|     | Dr. Anil Bhagat   |     |
|     | Dr. Dhnanaj Malpe   |     |
|     | Dr. Prashant Jadhao                                       |     |
| 25. | Salient features and framework of GST                     | 110 |
|     | Dr. Ashok I. Kamble                                       |     |
|     | Anant B. Sidana   |     |
| 26. | Role of GST in India                                      | 114 |
|     | Dr. Rajesh M. Chandak                                     |     |

## Challenges and Opportunities of GST

Dr. Pravin M. Chandragiriwar  
Dr. Munnali S. Lilhare  
Assistant Professor  
Bhawabhuti Mahavidyalaya,  
Amgaon Dist-Gondia (M.S.)

### Abstract:-

India as world one of the biggest democratic countries follows the federal tax system for levy and collection of various taxes. Different types of indirect taxes are levied and collected at different point in the supply chain. The centre and the states are empowered to levy respective taxes as per the Constitution of India. Now the Goods and Services Tax (GST) will be a further significant breakthrough, the next logical step towards a comprehensive indirect tax reform in the country. The replacement of the Central excise duty of the government of India by Central Value Added Tax (CENVAT) and sales tax system of the State governments by the VAT marked a major milestone in the reform process of indirect taxes in India. It addressed the cascading effect under the erstwhile system by giving set-off for tax paid on inputs as well as tax paid on previous purchases and resulted in a major simplification of the rate structure and broadening of the tax base. But both the CENVAT and the State VAT have certain incompleteness. The purpose and objective of this paper is to explore and understand GST in India and the study focuses mainly on the opportunities and challenges of GST in Indian context. Key Words: GST, Dual GST, CGST & SGST

### Introduction

India as world one of the biggest democratic countries follows the federal tax system for levy and collection of various taxes. Different types of indirect taxes are levied and collected at different point in the supply chain. The centre and the states are empowered to levy respective taxes as per the Constitution of India. The Value Added Tax (VAT) when introduced was considered to be a major improvement over the pre-existing Central excise duty at the national level and the sales tax system at the State level. Now the Goods and Services Tax (GST) will be a further significant breakthrough, the next logical step towards a comprehensive indirect tax reform in the country. The replacement of the Central excise duty of the government of India by Central Value Added Tax (CENVAT) and sales tax system of the State governments by the VAT marked a major milestone in the reform process of indirect taxes in India. It addressed the cascading effect under the erstwhile system by giving set-off for tax paid on inputs as well as tax paid on previous purchases and resulted in a major simplification of the rate structure and broadening of the tax base. But both the CENVAT and the State VAT have certain incompleteness. Through a number of initiatives by the various ministries at the Centre, the present taxation regime is marked as cumbersome, complicated and unfriendly. It is in this perspective, the Central government has entrusted Dr. Vijay Kelkar, Chairman of 13th Finance Commission to suggest a rational, scientific and modern but unified system of taxation in tune with developed nations form the base behind the introduction of Goods and Service Tax (GST) in India.

ISBN- 978-93-86011-59-6

100

2

**One Day National Seminar  
On**

**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**

**Saturday, 24<sup>th</sup> February 2018**

Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshani Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email: bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

Dr. S. M. Bhuskute  
Principal/Chairman (IQAC)

Mr. O. I. Thakur  
Organizing Secretary

Convener  
Mr. Z.D. Patilhe

Co-Convener  
Dr. M. G. Awaley

Vol. - 4, 2018 UPA National Peer Reviewed e-Journal ISSN : 2455-4375

|    |   |   |         |
|----|---|---|---------|
| 38 | Dr. Sampada Naseri<br>Mahila Mahavidyalaya, Nandanvan, Nagpur   | Integration of ICT in Higher Education                                | 206-213 |
| 39 | Mr. Santosh C. Gohokar<br>Chintamani Mahavidyalaya, Ghugus Dist. Chandrapur   | Role of NAAC for Quality Enhancement in Teacher Education             | 214-217 |
| 40 | Dr. Thak D. Bhandarkar<br>P.P. College of Education, Gondia<br>Dr. D.M. Tidke<br>P.P. College of Education, Gondia            | Role Of ICT in Teaching- Learning                                     | 218-223 |
| 41 | Dr. Dhananjay R. Gabhane<br>Samarth Mahavidyalaya Lakhani, Distt. Bhandara  | Innovative Approaches of Library in Institutional Quality Enhancement | 224-229 |
| 42 | Dr. A. M. Deshpande<br>Bhawabhuti Mahavidyalaya, Amgaon-441902<br>Dr. M. G. Awaley<br>Bhawabhuti Mahavidyalaya, Amgaon-441902 | Increased role of IQAC in light of revised accreditation framework    | 230-234 |
| 43 | डॉ. विनायक सदाशिव कावसे<br>समर्थ महाविद्यालय, साखळी, भंडारा   | वैयक्तिक संस्था युगमता वाढ साठी विद्यार्थ्यांची भूमिका                | 235-239 |
| 44 | डॉ. संदू पोखरी<br>समर्थ महाविद्यालय, साखळी  | महाविद्यालयीन मुद्रांकणमात साप्ताहिक विषयाचे योगदान                   | 240-243 |
| 45 | डॉ. विनायक दिगंबर कावसे<br>विमर्ष महाविद्यालय साखळी, जि. भंडारा.  | उच्च शिक्षण युगमता वाढीसम महाविद्यालयीन उपक्रमांची भूमिका             | 244-248 |

REMAAC : 2018 - BMV AMGAON

Vol. - 4, 2018 UPA National Peer Reviewed e-Journal ISSN : 2455-4375

## INCREASED ROLE OF IQAC IN LIGHT OF REVISED ACCREDITATION FRAMEWORK

Prof. A. M. Deshpande  
Bhawabhuti Mahavidyalaya  
Amgaon, Dist. Gondia

Prof. M. G. Awaley  
Bhawabhuti Mahavidyalaya  
Amgaon, Dist. Gondia

### Abstract:

Quality, being the defining element in higher education in India, NAAC has provided institutions a revised assessment and accreditation framework that reflects a paradigm shift as compared to the previous format. The shift has been in making the framework ICT enabled, enhanced objectivity and transparency, quantitative and robust. The major objective to be achieved in National Development through a universally competitive system of higher education. The principal stakeholder is the students. Student satisfaction and student engagement are therefore the key indicators of quality in an institution of higher education. Institutional IQAC is therefore conceived to be main driving force in improving and ensuring quality education. Because of peculiar changes in the revised assessment and accreditation framework, institutional IQAC finds its role being increased and more focused.

**Keywords:** IQAC, stake holder, student satisfaction, NAAC

### Introduction:

NAAC works with the vision to make Quality as a defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives (1). With increasing awareness, institutions have now embarked upon improvement in the quality of facilities and services on the basis of self analysis and inputs from NAAC, government, industry and academicians. IQAC of an institution has, by now, emerged as think tank, policy maker and driving force in the overall quality enhancement of the institution. Study of the revised assessment and accreditation framework reveals, in first place, an increased role that IQAC must play in order to ensure quality enhancement and sustenance. The principal stakeholder of any institution of higher education is obviously the students. Hence, any institution would primarily be analyzed for its quality based on the satisfaction derived by its students. Accordingly NAAC has introduced student

REMAAC : 2018 - BMV AMGAON

230

**One Day National Seminar  
On**  
**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**  
**Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No.(07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z.D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



| Vol. - 4, 2018 | UPA National Peer Reviewed e-journal   | ISSN : 2455-4375   |         |
|----------------|--|--|---------|
| 22             | Mr.Ashish R. Katore<br>Mitra chowk , Warora , Dist-Chandrapur  | Enlarging the English Department for NAAC  | 108-111 |
| 23             | Dr. Hitendra Dhote<br>Adarsh Arts and Commerce College,<br>Desaiganj (Wadsa), Dist- Gadchiroli   | Challenges in Facing NAAC through revised<br>Assessment and Accreditation Framework                    | 112-118 |
| 24             | Prof. Sanjay G. Tawade<br>Bhawabhuti Mahavidyalaya,<br>Amgaon - 441902   | Application of ICT for Effective Teaching<br>Learning of English Language in Under<br>Graduate Classes | 119-123 |
| 25             | Dr. Anita P Wanjari<br>Arts & Commerce Degree College, Jawahar<br>Nagar, Bhandara  | Use Of Ict Tools In English Language Teaching  | 124-128 |
| 26             | Dr. M. G. Awaley<br>Bhawabhuti Mahavidyalaya,<br>Amgaon - 441902<br>Shri. J. G. Nakade<br>Bhawabhuti Mahavidyalaya,<br>Amgaon - 441902 | Role of Student's Participation in Quality<br>Enhancement of Educational Institution                   | 129-132 |
| 27             | Dr. Rajendra M Pise<br>Jagat College, Goregaon Distt. Gondia   | Roll of Alurani  | 133-136 |
| 28             | Narendra L. Gadge<br>Smt. Rajkamal Baburao Tidke<br>Mahavidyalaya, Mouda Distt. Nagpur   | Support of Advanced Technology to Enhance<br>the Quality of Research Work                              | 137-141 |
| 29             | Dr. Kapil R Singhel<br>Vasant Rao Naik Government Institute of<br>Arts and Social Sciences, Nagpur                                     | Skill Development, Effective Communication<br>and Employability  | 142-150 |

REMAAC : 2018 - BMV AMGAON

**APPLICATION OF ICT FOR EFFECTIVE TEACHING LEARNING OF ENGLISH  
LANGUAGE IN UNDER GRADUATE CLASSES**

Prof. Sanjay G. Tawade  
Asst. Prof. of English  
BMV Amgaon, Dist. Gondia (MS)  
stawade.sanjay02@gmail.com

**Abstract :** Taking into consideration the importance of English language on world level, English has been made a compulsory language for the students of under graduate classes. Nowadays the class rooms have become student centered. And to make the class room teaching more effective and interesting, teachers use various modern technological resources. Nowadays, Information and Communication Technology (ICT) plays an important role in higher education. There are various tools of ICT such as - Internet, Blogs, You Tube, Twitter, Face-book, Teleconferencing, Software Packages, Hypertext, Interactive Whiteboard, etc. These various tools of ICT play an important role in the effective teaching learning process of English language in under graduate classes. This paper aims to discuss the role of ICT in teaching and learning of English language.

**Keywords:** English Language Teaching, ICT, Technology, Blogs, Teleconferencing, Internet, Twitter, Software Packages, Interactive Whiteboard.

English has been made a compulsory language for the student of senior colleges. It has been made to achieve certain aims and objectives. These aims and objectives are as follows -

- To make the students able to speak in English fluently and accurately.
- They should be able to think in English.
- They should be able to compose freely and independently in speech and writing.
- They should be able to read books with understanding.
- They should acquire a good vocabulary, etc.

REMAAC : 2018 - BMV AMGAON

119

**One Day National Seminar  
On**  
**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**  
**Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No.(07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z.D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



| Vol. - 4, 2018 | UPA National Peer Reviewed e-journal  | ISSN : 2455-4375   |         |
|----------------|---|--|---------|
| 30             | Dr. Vinita Virgandham<br>Bhiwapur Mahavidyalaya, Bhiwapur   | Technological Advancements and Language<br>Evolution: Emerging Trends                        | 151-157 |
| 31             | Dr. Alok S. Dwivedi<br>M.B. Patel College, Sadak-Arjuni<br>Distt.Gondia<br>Dr. Abha A. Tiwari<br>S.S. Girls' College, Gondia        | Quality Enhancement in Higher Education and<br>Role of Teachers                              | 158-163 |
| 32             | Prof. Nitin V. Gohad<br>Yashwantrao Gudadhe Patil College of Arts,<br>Commerce & Science, Hingna Road, Nagpur                       | The Importance of ITC Tools in Teaching<br>Learning Process                                  | 164-168 |
| 33             | Dr. Sharda I. Mahajan<br>N.M.D. College, Gondia   | ICT Implementation and College Leadership<br>in Teaching Learning Process                    | 169-174 |
| 34             | Imaniyal S. Kondra<br>Janata Mahavidyalaya, Chandrapur  | Role of Alumni in Institutional Quality<br>Enhancement                                       | 175-180 |
| 35             | Dr. Vinod B. Ukey<br>Adilok Mahila B.Ed. College, Goregaon  | ICT in Teaching and Learning : an Innovative<br>Approaches in Improving Quality of Education | 181-188 |
| 36             | Shri. Z.D. Patthe<br>Bhawabhuti Mahavidyalaya,<br>Amgaon-441902<br>Shri. O. I. Thakur<br>Bhawabhuti Mahavidyalaya,<br>Amgaon-441902 | Roll of ICT In Libraries at Present Scenario   | 189-199 |
| 37             | Dr Pandit B Nirmal<br>Sant Tukaram College of Arts and Science,<br>Basmat Road, Parbhani  | Role of ICT in English Language Teaching and<br>Learning                                     | 200-205 |

REMAAC : 2018 - BMV AMGAON

**ROLE OF ICT IN LIBRARIES AT PRESENT SCENARIO**

**Prof. Z. D. Pathe**  
Assistant Professor  
Dept. of English  
Bhawabhuti Mahavidyalaya  
Amgaon.

**Prof. O. I. Thakur**  
Assistant Professor  
Dept. of English & IQAC Coordinator  
Bhawabhuti Mahavidyalaya  
Amgaon.

**Abstract :** Libraries have been the prime treasures of information since ages. In today's scenario they have gone under tremendous changes and have subsequently become the remarkable source of information. In the 21st century, libraries have to perform pivotal roles in disseminating and sharing the culture of knowledge. In this age of knowledge libraries should be repositories of all of the knowledge and information accumulated by human kind. The advent of ICT is regarded as potential threat to eliminate the importance of the library, its resources, personnel and patronage. Still libraries today have shunned the mantle of being mere repositories of books and other print materials. The advent of technology has seen the introduction of digitized and electronic services making the library presence felt in the present age. Electronic formats dominate all spheres of life, including education, employment, agriculture and industrial environment, and even in personal life. The coming together of computers and telecommunication led to the evolution of IT. The advent of ICT is a boost to the library services since librarians are harnessing the potentials of ICT to reach out to the teeming library users. Library stores, preserves and promotes the scholarship of faculty and students through the school's digital repository. Libraries had been performed many important roles in the past agrarian and industrial societies. But those roles were limited in scope. In the 21st century, libraries have to perform pivotal roles in disseminating and sharing the culture of knowledge. Libraries can play significant role in providing a good education and knowledge of high quality. Individuals around the world, no matter how poor they may be, can access whatever knowledge and information they need by visiting libraries.

**Keywords:** digital repository, institutional obligations, electronic communication, citadel of knowledge, web-based information.


REMAAC : 2018 - BMV AMGAON

189

**One Day National Seminar  
On**

**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**

**Saturday, 24<sup>th</sup> February 2018**




**Organized by**  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email: bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z. D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



Vol. - 4, 2018 UPA National Peer Reviewed e-Journal ISSN : 2455-4375

|    |   |   |         |
|----|---|---|---------|
| 30 | <b>Dr. Vinita Virgandham</b><br>Bhivapur Mahavidyalaya, Bhivapur  | <b>Technological Advancements and Language Evolution: Emerging Trends</b>                       | 151-157 |
| 31 | <b>Dr. Alok S. Dwivedi</b><br>M.B. Patel College, Sadak-Arjuni<br>Distt.Gondia                                    | <b>Quality Enhancement in Higher Education and Role of Teachers</b>                             | 158-163 |
|    | <b>Dr. Abha A. Tiwari</b><br>S. S. Girls' College, Gondia   |   |         |
| 32 | <b>Prof. Nitin V. Gohad</b><br>Yashwantrao Gudadhe Patil College of Arts, Commerce & Science, Hingna Road, Nagpur | <b>The Importance of ITC Tools in Teaching Learning Process</b>                                 | 164-168 |
| 33 | <b>Dr. Sharda I. Mahajan</b><br>N.M.D. College, Gondia  | <b>ICT Implementation and College Leadership in Teaching Learning Process</b>                   | 169-174 |
| 34 | <b>Imaniyal S. Kondra</b><br>Janata Mahavidyalaya, Chandrapur   | <b>Role of Alumni in Institutional Quality Enhancement</b>                                      | 175-180 |
| 35 | <b>Dr. Vinod B. Ukey</b><br>Adilok Mahila B.Ed. College, Goregaon   | <b>ICT in Teaching and Learning: an Innovative Approaches in Improving Quality of Education</b> | 181-188 |
| 36 | <b>Shri. Z.D. Patthe</b><br>Bhawabhuti Mahavidyalaya,<br>Amgaon-441902  | <b>Roll of ICT In Libraries at Present Scenario</b>   | 189-199 |
|    | <b>Shri. O. I. Thakur</b><br>Bhawabhuti Mahavidyalaya,<br>Amgaon-441902   |   |         |
| 37 | <b>Dr Pandit B Nirmal</b><br>Sant Tukaram College of Arts and Science,<br>Basmat Road, Parbhani                   | <b>Role of ICT in English Language Teaching and Learning</b>                                    | 200-205 |

REMAAC : 2018 - BMV AMGAON

**ROLE OF ICT IN LIBRARIES AT PRESENT SCENARIO**

**Prof. Z. D. Patthe**  
Assistant Professor  
Dept. of English  
Bhawabhuti Mahavidyalaya  
Amgaon.

**Prof. O. I. Thakur**  
Assistant Professor  
Dept. of English & IQAC Coordinator  
Bhawabhuti Mahavidyalaya  
Amgaon.

**Abstract :** Libraries have been the prime treasures of information since ages. In today's scenario they have gone under tremendous changes and have subsequently become the remarkable source of information. In the 21st century, libraries have to perform pivotal roles in disseminating and sharing the culture of knowledge. In this age of knowledge libraries should be repositories of all of the knowledge and information accumulated by human kind. The advent of ICT is regarded as potential threat to eliminate the importance of the library, its resources, personnel and patronage. Still libraries today have shunned the mantle of being mere repositories of books and other print materials. The advent of technology has seen the introduction of digitized and electronic services making the library presence felt in the present age. Electronic formats dominate all spheres of life, including education, employment, agriculture and industrial environment, and even in personal life. The coming together of computers and telecommunication led to the prevalence of IT. The advent of ICT is a boost to the library services since librarians are harnessing the potentials of ICT to reach out to the teeming library users. Library stores, preserves and promotes the scholarship of faculty and students through the school's digital repository. Libraries had been performed many important roles in the past agrarian and industrial societies. But those roles were limited in scope. In the 21st century, libraries have to perform pivotal roles in disseminating and sharing the culture of knowledge. Libraries can play significant role in providing a good education and knowledge of high quality. Individuals around the world, no matter how poor they may be, can access whatever knowledge and information they need by visiting libraries.

**Keywords:** digital repository, institutional obligations, electronic communication, citadel of knowledge, web-based information.


REMAAC : 2018 - BMV AMGAON

189

**One Day National Seminar  
On**

**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**

**Saturday, 24<sup>th</sup> February 2018**




**Organized by**  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email: bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z. D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



Vol. - 4, 2018 UPA National Peer Reviewed e-Journal ISSN : 2455-4375

|    |   |   |         |
|----|---|---|---------|
| 14 | <b>Dr. Ajay G. Murkute</b><br>R.D. Arts & Commerce College, Alapalli, Dist. Gadchiroli                | <b>Role of ICT in Teaching, Learning</b>  | 72-76   |
| 15 | <b>Prof. Ganesh P. Surjuse</b><br>Chintamani Mahavidyalaya, Ghugus Dist. Chandrapur                   | <b>ICT Enhance The Interest in Teaching &amp; Learnig Activities</b>                          | 77-78   |
| 16 | <b>Dr. Shriram G. Gahane</b><br>Adarsh Arts and Commerce College, Desaiganj (Wadsa), Dist- Gadchiroli | <b>Opportunities and Challenges in Light of Revised Accreditation Framework</b>               | 79-84   |
| 17 | <b>Dr S. S. Singru</b><br>Shri Dnyanesh Mahavidyalaya, Nawargaoon, Distt. Chandrapur                  | <b>The Role of ICT in Quality Education</b>   | 85-88   |
| 18 | <b>L. C. Ujede</b><br>Shri Dnyanesh Mahavidyalaya, Nawargaoon, Distt. Chandrapur                      | <b>Revised Assessment and Accreditation: Grab the Opportunities and Accept the Challenges</b> | 89-95   |
| 19 | <b>Dr. Pravin M. Chandragiriwar</b><br>Bhawabhuti Mahavidyalaya, Amgaon-441902                        | <b>An Effective use of ICT for Education</b>  | 96-99   |
| 20 | <b>Mr. Anantkumar Deorao Gadre</b><br>Sowalal Patni Art's & Commerce College, Pulgaon                 | <b>Role of ICT's inteaching and learning</b>  | 100-103 |
| 21 | <b>Dr. Ku. Mrunali S. Lilhare</b><br>Bhawabhuti Mahavidyalaya, Amgaon-441902                          | <b>Importance of ICT in the Process of Teaching and Learning</b>                              | 104-107 |

REMAAC : 2018 - BMV AMGAON

**An Effective use of ICT for Education**

**Dr. Pravin M. Chandragiriwar**  
Assistant Professor  
Department of Commerce  
Bhawabhuti Mahavidyalaya,  
Amgaon, Dist-Gondia

**Abstract:** The purpose of this paper aims to bring together the findings and key points from a review of significant part of the available literature associated with ICTs for Education and ICTs in Education. This review set out to identify and evaluate relevant strategies in national and international research and initiatives related to measuring and demonstrating the effective use of ICT for education with regard to the teaching learning process; ICT and quality and accessibility of education; ICT and learning motivation, ICT and learning environment, and ICT to enhance the scholastic performance.

**Introduction:** The field of education has been affected by ICTs, which have undoubtedly affected teaching, learning, and research (Yusuf, 2005). A great deal of research has proven the benefits to the quality of education (Al-Ansari, 2006). ICTs have the potential to innovate, accelerate, enrich, and deepen skills, to motivate and engage students, to help relate school experience to work practices, create economic viability for tomorrow's workers, as well as strengthening teaching and helping schools change (Davis and Tearle, 1999; Lemke and Coughlin, 1998; cited by Yusuf, 2005). As Jhurree (2005) states, much has been said and reported about the impact of technology, especially computers, in education. Initially computers were used to teach computer programming but the development of the microprocessor in the early 1970s saw the introduction of affordable microcomputers into schools at a rapid rate. Computers and applications of technology became more pervasive in society which led to a concern about the need for computing skills in everyday life. Hepp, Hinostrza, Laval and Rehbein (2004) claim in their paper "Technology in Schools: Education, ICT and the Knowledge Society" that ICTs have been utilized in education ever since their inception, but they have not always been massively present. Although at that time computers have not been fully integrated in the learning of traditional subject matter, the

REMAAC : 2018 - BMV AMGAON

96

**One Day National Seminar  
On  
REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES  
Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No.(07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvams.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

Convener  
**Mr. Z.D. Patthe**  
Co-Convener  
**Dr. M. G. Awaley**



|    |   |   |         |
|----|---|---|---------|
| 46 | <b>रिचर्च प्रतियोगिता</b><br>संवादी महाविद्यालय, नागपुर   | विद्यार्थी विद्यार्थिनी (आनसात करणे) मधीली संवादी प्रतियोगिता.    | 249-255 |
| 47 | <b>डा. जयदेव शिंदे</b><br>डा. जयदेव शिंदे, नागपुर व विमान<br>महाविद्यालय, नागपुरी/सोलात   | विद्यार्थ्यात भाषाशैलीची अर्थ, उद्दिष्टे, व्यापी रथा मूल्य        | 256-261 |
| 48 | <b>डा. जयदेव शिंदे</b><br>संवादी महाविद्यालय, नागपुरी, मंडला  | भारतीय संघ विद्यार्थ्यांचे आविष्कार                               | 262-267 |
| 49 | <b>Mrs. Mugdha Ghotkar</b><br>VMV Commerce, JMT Arts & JJP Science<br>College, Nagpur   | Role of Smartphone in Implementing ICT<br>based Learning in India | 268-275 |
| 50 | <b>Prof. Vijay S. Ganvir</b><br>Arts Commerce Degree College, Petrol-<br>Pump, Jawaharnagar Tah.Dist.Bhandara   | Role of ICT in Teaching, Learning                                 | 276-284 |
| 51 | <b>Dr. B.Y. Kathane</b><br>Bhawabhuti Mahavidyalaya,Amgaon-<br>441902   | Teaching and Learning with ICT                                    | 285-291 |
| 52 | <b>Dr. D. S. Choudhary</b><br>Dhote Bandhu Science College, Gondia  | Peer to Peer Learning   | 292-295 |
| 53 | <b>Prof. R.K. Dhuware</b><br>Dhote Bandhu Science College, Gondia   | Quality Enhancement though Use of ICT in<br>Higher Education.     | 296-301 |
| 54 | <b>Ku. Kamini Gangadharrao Madekar</b><br>K.D. Pawar Shikshan Mahavidyalaya, Saone<br><b>Mrs. Bhavika S. Jain</b><br>K.D. Pawar Shikshan Mahavidyalaya, Saone | Role of Alumni In Institutional Quality<br>Enhancement            | 302-305 |

**TEACHING AND LEARNING WITH ICT**

**Bhaskar Yasho Kathane**  
Bhawabhuti Mahavidyalaya,Amgaon,  
Dist-Gondia (M.S.) India  
Email : bhaskar@rediffmail.com

**Abstract** - In 21<sup>st</sup> century, ICT use in classroom is important for giving students opportunities to learn and apply the required skills. Today's college students often use ICT in classrooms. Faculty members, however, prefer the use of course-learning technology offered by their universities. ICT plays an important role in the education which constructs the student profile and enhancing learning in higher education. The scope of this paper includes development and implementation of career using ICT. The contribution of ICT to the improvement of teaching and learning processes is higher in the schools that have integrated ICT as an innovation factor. To attain this highest level implies that a school not only has to modernize the technological tools, but also has to change the teaching and learning techniques.

**Keywords** - ICT, Digital Technology, classrooms, Teaching and Learning, Wi-Fi etc.

**Introduction** : Information and communications technology (ICT) is an accepted element in all our lives and has a central role to play in education. Since the appearance of the ICT in education in 1997, a substantial investment has been made in ICT facilities and training. Worldwide research has shown that ICT always improve student learning and better teaching methods. Educational ICT improve "Practical skill" and "Presentation skill" in subject areas such as mathematics, science, and social study. However, you can see that there are many education technology solutions provided in the world which may cause confusion among educators about how to choose the right ICT solution [1].

Why ICT in education?

- Opens the door to lifelong learning.
- Enables stimulation, role-playing and decision making exercises.
- Facilitates Virtual Communities and Communities of Practice.

**One Day National Seminar  
On  
REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES  
Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No.(07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvams.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

Convener  
**Mr. Z.D. Patthe**  
Co-Convener  
**Dr. M. G. Awaley**



|    |  |  |         |
|----|--|--|---------|
| 22 | <b>Mr.Ashish R. Katore</b><br>Mitra chowk, Warora, Dist-Chandrapur   | Enlarging the English Department for NAAC  | 108-111 |
| 23 | <b>Dr. Hitendra Dhote</b><br>Adarsh Arts and Commerce College,<br>Desaiganj (Wadsa), Dist- Gadchiroli  | Challenges in Facing NAAC through revised<br>Assessment and Accreditation Framework                    | 112-118 |
| 24 | <b>Prof. Sanjay G. Tawade</b><br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902   | Application of ICT for Effective Teaching<br>Learning of English Language in Under<br>Graduate Classes | 119-123 |
| 25 | <b>Dr. Anita P Wanjari</b><br>Arts & Commerce Degree College, Jawahar<br>Nagar, Bhandara   | Use Of Ict Tools In English Language Teaching  | 124-128 |
| 26 | <b>Dr. M. G. Awaley</b><br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902<br><b>Shri. J. G. Nakade</b><br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902 | Role of Student's Participation in Quality<br>Enhancement of Educational Institution                   | 129-132 |
| 27 | <b>Dr. Rajendra M Pise</b><br>Jagat College, Goregaon Distt. Gondia  | Roll of Alumani  | 133-136 |
| 28 | <b>Narendra L. Gadge</b><br>Smt. Rajkamal Baburao Tidke<br>Mahavidyalaya, Mouda Distt. Nagpur  | Support of Advanced Technology to Enhance<br>the Quality of Research Work                              | 137-141 |
| 29 | <b>Dr. Kapil R Singhel</b><br>Vasant Rao Naik Government Institute of<br>Arts and Social Sciences, Nagpur  | Skill Development, Effective Communication<br>and Employability  | 142-150 |

**ROLE OF STUDENT'S PARTICIPATION IN QUALITY  
ENHANCEMENT OF EDUCATIONAL INSTITUTION**

**Dr. M. G. Awaley**      **Mr. J. G. Nakade**  
Department of Botany      Department of Botany  
Bhawabhuti Mahavidyalaya      Bhawabhuti Mahavidyalaya  
Amgaon      Amgaon

**Abstract** : Involvement of students in the quality enhancement process of their academic life yield significant personal returns on their investment of time and effort during their learning phase, besides creating and long term attachment with their institutions in later life. It is of great value in the maturation process of young minds, leading to leadership traits as responsible behavior. The prestige of the institution is continuously advance by the quality of its graduates. The prospects and constraints in involving student in quality enhancement need deeper examination in the Indian context.

**Key Words:** Quality, Student's Participation, HEIs, Stakeholder, Institutions

**Introduction** : The involvement of student participation in the institutional quality enhancement process is important because students are the largest group within any HEIs, and therefore are the main stakeholders who have a much stronger voice than any other stakeholders. Students are quite well informed, committed, participative, motivated and curious and this provides for valuable contribution. India has the second largest education system in the world. A focus on quality access and relevance of higher education to achieve the required social transformation for sustainable economic development of the country has been the national priority. Quality assurance is a continuous process of achieve academic excellence. It is ongoing, dynamic and lifelong endeavor of any institution.

**Stakeholders of an Educational Institution**

1. Government.
2. Institution (management)
3. Academic world, (Teachers and others)

**One Day National Seminar  
On  
REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES  
Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z.D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



Vol. - 4, 2018 UPA National Peer Reviewed e-journal ISSN : 2455-4375

|    |  |  |         |
|----|--|--|---------|
| 22 | Mr. Ashish R. Katore<br>Mitra chowk, Warora, Dist-Chandrapur   | Enlarging the English Department for NAAC  | 108-111 |
| 23 | Dr. Hitendra Dhote<br>Adarsh Arts and Commerce College,<br>Desaiganj (Wadsa), Dist- Gadchiroli                                       | Challenges in Facing NAAC through revised<br>Assessment and Accreditation Framework                    | 112-118 |
| 24 | Prof. Sanjay G. Tawade<br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902  | Application of ICT for Effective Teaching<br>Learning of English Language in Under<br>Graduate Classes | 119-123 |
| 25 | Dr. Anita P Wanjari<br>Arts & Commerce Degree College, Jawahar<br>Nagar, Bhandara  | Use Of Ict Tools In English Language Teaching  | 124-128 |
| 26 | Dr. M. G. Awaley<br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902<br>Shri. J. G. Nakade<br>Bhawabhuti Mahavidyalay,<br>Amgaon - 441902 | Role of Student's Participation in Quality<br>Enhancement of Educational Institution                   | 129-132 |
| 27 | Dr. Rajendra M Pise<br>Jagat College, Goregaon Distt. Gondia   | Roll of Alurani  | 133-136 |
| 28 | Narendra L. Gadge<br>Smt. Rajkamal Baburao Tidke<br>Mahavidyalaya, Mouda Distt. Nagpur   | Support of Advanced Technology to Enhance<br>the Quality of Research Work                              | 137-141 |
| 29 | Dr. Kapil R Singhel<br>Vasantrao Naik Government Institute of<br>Arts and Social Sciences, Nagpur                                    | Skill Development, Effective Communication<br>and Employability  | 142-150 |

REMAAC : 2018 - BMV AMGAON

Vol. - 4, 2018 UPA National Peer Reviewed e-journal ISSN : 2455-4375

**ROLE OF STUDENT'S PARTICIPATION IN QUALITY  
ENHANCEMENT OF EDUCATIONAL INSTITUTION**

Dr. M. G. Awaley  
Department of Botany  
Bhawabhuti Mahavidyalaya  
Amgaon

Mr. J. G. Nakade  
Department of Botany  
Bhawabhuti Mahavidyalaya  
Amgaon

**Abstract :** Involvement of students in the quality enhancement process of their academic life yield significant personal returns on their investment of time and effort during their learning phase, besides creating and long term attachment with their institutions in later life. It is of great value in the maturation process of young minds, leading to leadership traits as responsible behavior. The prestige of the institution is continuously advance by the quality of its graduates. The prospects and constraints in involving student in quality enhancement need deeper examination in the Indian context.

**Key Words:** Quality, Student's Participation, IIEB, Stakeholder, Institution

**Introduction :** The involvement of student participation in the institutional quality enhancement process is important because students are the largest group within any HEIs, and therefore are the main stakeholders who have a much stronger voice than any other stakeholders. Students are quite well informed, committed, participative, motivated and curious and this provides for valuable contribution. India has the second largest education system in the world. A focus on quality access and relevance of higher education to achieve the required social transformation for sustainable economic development of the country has been the national priority. Quality assurance is a continuous process of achieve academic excellence. It is ongoing, dynamic and lifelong endeavor of any institution.

**Stakeholders of an Educational Institution**

1. Government.
2. Institution (management)
3. Academic world, (Teachers and others)

REMAAC : 2018 - BMV AMGAON

129

**One Day National Seminar  
On  
REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES  
Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvamgaon.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z.D. Patthe**

**Co-Convener**  
**Dr. M. G. Awaley**



Vol. - 4, 2018 UPA National Peer Reviewed e-journal ISSN : 2455-4375

|    |  |   |       |
|----|--|---|-------|
| 5  | Prof. Anil G. Dodewar<br>SSPM's Mahila Mahavidyalaya,<br>Nandanvan, Nagpur-09                      | ICT in Higher Education   | 25-28 |
| 6  | Dr. Rajeshkumar W. Soor<br>R. D. College, Mulchera, Dist. Gadchiroli                               | Indian Education System and NAAC  | 29-33 |
| 7  | Prof. Aarti N Wazalwar<br>Dr. Ambedkar College, Deekshabhoomi,<br>Nagpur.                          | Innovative Practices adopted by Institutions<br>for Quality Enhancement                       | 34-39 |
| 8  | Mr. Jagdish K. Jangale<br>Dr. L.D. Balkhande College of Arts &<br>Commerce, Pauni, Distt. Bhandara | The Role of Information and Communication<br>Technology (ICT) in Teaching Learning<br>Process | 40-45 |
| 9  | Shri. Laxmikant Kaggate<br>Shivprasad Sadanand Jaiswal College,<br>Arjuni/Morgaon, Dist-Gondia     | Role of ICT in Teaching and Learning  | 46-49 |
| 10 | Dr. Ravi S. Dharpawar<br>Chintamani Mahavidyalaya, Ghugus Dist.<br>Chandrapur                      | Role of ICT in Teaching Learning  | 50-54 |
| 11 | Dr. Ashish Kumar Jha<br>Hislop College, Nagpur- 440001   | Building A Better Undergraduate Programme:<br>A Degree Of Transition                          | 55-60 |
| 12 | Prof. Arvind D. Borkar<br>Santaji Mahavidyalay Asgaon (Chu) Dist.<br>Bhandara.                     | Cloud Computing For Libraries   | 61-66 |
| 13 | Dr. Shubhangi Dongre<br>P. P. College of Education, Gondia   | Use of ICT in 21 <sup>st</sup> Century Teacher Education<br>Programme                         | 67-71 |

REMAAC : 2018 - BMV AMGAON

Vol. - 4, 2018 UPA National Peer Reviewed e-journal ISSN : 2455-4375

**BUILDING A BETTER UNDERGRADUATE PROGRAMME: A  
DEGREE OF TRANSITION**

Ashish Kumar Jha  
Department of Zoology  
Hislop College,  
Nagpur- 440001  
E-mail: ashishkjhawazhuti@gmail.com

**Abstract:** In response to the challenges facing all Higher Education Institution in a rapidly changing Environment, this study examines colloquium on the future of Higher Education Institution with special reference to Undergraduate programme. The sample includes semi-structured interviews of IQAC coordinators and Principals of affiliated Colleges across the Rashtrasant Tukadoji Maharaj Nagpur University, Sant Gadge Baba Amravati University and Gondwana Universities. The study shows an institutions wrestling with basic questions of purpose, positioning and program design. We identified eight unmet needs, many of them related to doing and being, each presents an opportunity for undergraduate programs to innovate and change. The study's results are discussed and conclusion shows Higher Education Institutions have long been flexible, resilient institutions and have already begun to reassess their relevance.

**Keywords:** Higher Education Institutions, undergraduate programme, program design

**Introduction:** In July 2017, National Assessment and Accreditation Council (NAAC) revised its Assessment and Accreditation methodology. It was an evolution for benchmarking past achievements, but also an opportunity to reflect the challenges facing all Higher Education Institution in a rapidly changing Environment (NAAC, 2017). Undergraduate programs, in particular, were subject of growing scrutiny as they wrestled with questions of how to prepare students for increasingly complex organizations and careers. These new demand would require the programs to take a broader view of their graduates' responsibilities to multiple stakeholders, and to provide their students with a deeper understanding of such

REMAAC : 2018 - BMV AMGAON

55

**One Day National Seminar  
On**

**REVISED METHODS OF  
ASSESSMENT AND ACCREDITATION  
FOR COLLEGES**

**Saturday, 24<sup>th</sup> February 2018**



Organized by  
**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
Bhawabhuti Shikshan Sanstha's  
**BHAWABHUTI MAHAVIDYALAYA,**  
Amgaon, Dist-Gondia-441902 (M.S.)  
Re-Accredited by NAAC at 'A' Grade (CGPA-3.11)  
Phone No. (07189) 225222  
Email bhawabhuti@rediffmail.com  
www.bmvamg.org.in

**Dr. S. M. Bhuskute**  
Principal/Chairman (IQAC)

**Mr. O. I. Thakur**  
Organizing Secretary

**Convener**  
**Mr. Z.D. Patil**

**Co-Convener**  
**Dr. M. G. Awaley**



Vol. - 4, 2018 UPA National Peer Reviewed e-journal ISSN : 2455-4375

|    |  |  |         |
|----|--|--|---------|
| 14 | Dr. Ajay G. Murkute<br>R.D. Arts & Commerce College, Alapali, Dist. Gadchiroli                 | Role of ICT in Teaching, Learning  | 72-76   |
| 15 | Prof. Ganesh P. Surjuse<br>Chintamani Mahavidyalaya, Ghugus Dist. Chandrapur                   | ICT Enhance The Interest in Teaching & Learnig Activities                              | 77-78   |
| 16 | Dr. Shriram G. Gahane<br>Adarsh Arts and Commerce College, Desaijanj (Wadsa), Dist- Gadchiroli | Opportunities and Challenges in Light of Revised Accreditation Framework               | 79-84   |
| 17 | Dr S. S. Singru<br>Shri Dnyanesh Mahavidyalaya, Nawargaon, Distt. Chandrapur                   | The Role of ICT in Quality Education   | 85-88   |
| 18 | L. C. Ujeda<br>Shri Dnyanesh Mahavidyalaya, Nawargaon, Distt. Chandrapur                       | Revised Assessment and Accreditation: Grab the Opportunities and Accept the Challenges | 89-95   |
| 19 | Dr. Pravin M. Chandragiriwar<br>Bhawabhuti Mahavidyalaya, Amgaon-441902                        | An Effective use of ICT for Education  | 96-99   |
| 20 | Mr. Anantkumar Deorao Gadre<br>Suwalal Patni Art's & Commerce College, Pulgaon                 | Role of ICTs in teaching and learning  | 100-103 |
| 21 | Dr. Ku. Mrunali S. Lihare<br>Bhawabhuti Mahavidyalaya, Amgaon-441902                           | Importance of ICT in the Process of Teaching and Learning                              | 104-107 |

**IMPORTANCE OF ICT IN THE PROCESS OF TEACHING AND LEARNING**

Dr. Ku. Mrunali S. Lihare  
Assistant Professor  
Bhawabhuti Mahavidyalaya,  
Amgaon, Dist-Gondia

**Abstract:** ICT helps facilitate the transaction between producers and users by keeping the students updated and enhancing teachers capacity and ability fostering a live contact between the teacher and the student through e-mail, chalk session, learning, web-based learning including internet, intranet, extranet, CD-ROM, TV audio-videotape. Educate technology has become very powerful media for interactive participation of experts and learners and it reaches the unreachable.

**Keywords -** Web Browsers, Technology enhanced learning, Self paced learning, Instructional software, Interactive learning, Integrated Learning Module, E-learning, M-learning, Communication, ICT, interactive learning, pedagogy, technology.

**Introduction:** The new ICT enables self-paced learning through various tools such as assignments, computer etc. as a result of this the teaching learning enterprise has become more productive and meaningful. ICT helps facilitate the transaction between producers and users by keeping the students updated and enhancing teacher's capacity and ability fostering a live contact between the teacher and the student through e-mail, chat session etc. This promotes active learning, sharing of ideas, discussion and also provides immediate feedback. This activates paced learning and allows effective mapping of learning path ways.

The new environment of interactive learner-centered approach of ICT has completely meta-morphosed the process of education i.e. delivery and dissemination. The technological creativity learner will help generate sharing of knowledge to perform task in a better way and to

## Session 2018-19

ISSN : 2278-31-80

**सामान्यजन संदेश**

**विशेषांक**

**६ जाने २०१९**

**भारतीय लोकशाही**

**आणि प्रसारमाध्यमे**

**THE TIMES OF INDIA**

**2018-19**

**लोहिया अध्ययन केंद्र, नागपुर का प्रकाशन**



१६. बदलत्या भारतीय वास्तव्य वर्तमान भोताल चौडीवायी भुमिका..... ११९  
प्र. विजयी पैराग

१७. कर्मनाथ लोकशाहीवर प्रसारमाध्यमांचा पडणारा प्रभाव..... २०६  
डॉ. संजय ज्योतीश्वर

१८. प्रसार व समाज वास्तव्यावरील आव्हाने..... २१०  
प्र. विनोद पुढे

१९. सामाजिकशास्त्र आणि जनसंवेदनमाध्यमे..... २१४  
डॉ. प्रमोद सोपाने

Impact of Globalization On Media..... २१७  
Dr.Pravin Chandragiriwar

**Impact of Globalization On Media**

Dr.Pravin Chandragiriwar  
(Assistant Professor)  
(Department of Commerce)  
Bhawabhuti Mahavidyalaya, Amgaon, Dist. Gondia (M.S.)

**Abstract**

This review paper discusses globalization of media and trends unifying widely different societies, integrating them into one World. Like all popular concepts meant to cover a variety of phenomena, both "interdependence" and "globalization" have many meanings. Developments have been increasingly characterized not by their growth dynamics but by their links to the process of globalization. Geographical closeness or cultural proximity helps media cross borders. This paper highlights that although American media play a prominent role in the global scene, media industries from a number of other countries are also heavily across the world. A handful of firms dominate the globalize part of the media system. Cable and satellite TV, which has been familiar to most Americans, Canadians, and some Europeans for years, is now expanding in most other countries of the world. Among the main issues in globalization of communications media are trans border data flow, cultural imperialism, media and, the flow of information. It discusses the key issues of the power of media ability to intervene in the course of events and to affect their outcome like: Media Markets, Audiences, Advertisers, Finance and Creative Content

**Keywords:**

Globalization, measuring globalization, Geographical Proximity, media system, Global Media, Theoretical Models of Cultural, Media and Power, Cultural Imperialism and Political Economy, Media Organizations and Policy and conclusion

**Introduction:**  
Globalization of media is not a term of global nature. As Sparks (2000) has argued, no media is genuinely global in nature. In addition, the so-called global media's audience is "too small, too rich and too English-speaking to be considered inclusive." There is little evidence that supports the existence of a global public sphere and the public sphere remains largely state-oriented. It is variously described as an inevitable by-product of human evolution and progress, as if it were an organic process, governed by the laws of nature. However, globalization is not necessarily a natural progression emerging out of the ordinary communication and interaction of people and cultures around the world, supported by advertising, aimed on consumers and to privatize telecommunications companies that formerly were government owned. Global standard-bodies such as the International Telecommunications Union (ITU) allocate satellite orbits.

25 2018-19 ISBN : 978-81-938781-1-8 (P-2)

**National Conference on Impact of GST on Indian Economy (IGIE-2019)**  
9th February, 2019

Organised by  
Department of Commerce & Economics  
Sant Gadge Maharaj Mahavidyalaya,  
Hingna, Dist. Nagpur

|    |                            |   |     |
|----|----------------------------|---|-----|
| 44 | Dr. Vijay R. Bagde         | IMPACT OF GST ON VARIOUS SEGMENTS OF INDIAN ECONOMY: A STUDY                | 195 |
| 45 | Dr. Sanjay B. Bagde        | Emerging Challenges of GST in Indian Economy                                | 200 |
| 46 | Dr. Usha Rajendra Pillawar | ONE NATION ONE TAX: THE CONCEPT AND REALIZATION WITH FOCUS ON GST IN INDIA  | 204 |
| 47 | Prof. ROSHAN KHAN          | Misconceptions about GST in common people-A study                           | 211 |
| 48 | Dr. Vamini Naskulwar       | Implementation of GST on various factors                                    | 220 |
| 49 | Dr. Miss. Varsha Kukde     | A STUDY ON GST AND ITS IMPACT ON GOVERNMENT AND RETAIL SECTOR – AN ANALYSIS | 223 |
| 50 | Dr. Damodar Bhende         | A STUDY ON IMPACT OF GST ON REVENUE OF THE STATE                            | 226 |
| 51 | Dr. Pradip Ghopade         | GST AND ITS PROVISIONS – AN OVERVIEW  | 231 |
| 52 | Dr. Sanjay Tekade          | GST: A STUDY ON THE TREATMENT OF INTER-STATE TRANSACTIONS IN INDIA          | 234 |
| 53 | Dr. Subash Shambekar       | IMPACT OF GST ON IMPORTS  | 238 |
| 54 | Prof. Dhananjay Mendhule   | IMPACT OF GST ON VARIOUS SECTORS AND CHALLENGES FOR GST IMPLEMENTATION      | 242 |
| 55 | Dr. Raju Dhabale           | SWAT Analysis of GST  | 247 |
| 56 | Dr. Sanjay Dbok            | THE IMPACT OF GOODS AND SERVICE TAX (GST) ON END-CONSUMERS OF MANUFACTURING | 251 |
| 57 | Dr. Ganesh S. Maywade      | The Salient Features of GST & Its Usefulness                                | 254 |
| 58 | Dr. Shyam Atkari           | CHALLENGES IN IMPLEMENTATION OF GOODS & SERVICE TAX                         | 258 |
| 59 | DR. DINESH B. DOHALE       | Impact of Goods & Service Tax on Agriculture of India                       | 261 |
| 60 | Dr. Sachin Kadu            | जीएसटीचे कायदे आणि तोटे   | 264 |
| 61 | डॉ. प्रदीप म. भंडारीबाब    | वस्तु व सेवा कर (GST) परीक्षण व आकलने                                       | 267 |
| 62 | डॉ. डॉ. नृपालिनी मयदे रामय | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 271 |
| 63 | डॉ. कमल हेमंत अडितकर       | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 271 |
| 64 | डॉ. जेडर के. दाहील         | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 280 |

**वस्तु व सेवा कर (GST) परीक्षण व आकलने**

डॉ. प्रदीप म. भंडारीबाब  
सहायक प्राध्यापक (सामान्य शिक्षण)  
श्रीमती महाविद्यालय आगरा,  
जिल्हा - नोदिया (म.प्र.)

**सारांश:**  
भारतातील कर रचनेचा संदर्भाने सर्वात महत्त्वाचा सुधार म्हणजे वस्तु व सेवा कर होय. वर्तमान अर्थव्यवस्थेचे पारदर्शित्व टिकवण्यासाठी वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे.

**प्रस्तावना:**  
वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे. वस्तु व सेवा कर हा एक महत्त्वाचा पायलट प्रयत्न आहे.

25 2018-19 ISBN : 978-81-938781-1-8 (P-2)

**National Conference on Impact of GST on Indian Economy (IGIE-2019)**  
9th February, 2019

Organised by  
Department of Commerce & Economics  
Sant Gadge Maharaj Mahavidyalaya,  
Hingna, Dist. Nagpur

|    |                            |   |     |
|----|----------------------------|---|-----|
| 44 | Dr. Vijay R. Bagde         | IMPACT OF GST ON VARIOUS SEGMENTS OF INDIAN ECONOMY: A STUDY                | 195 |
| 45 | Dr. Sanjay B. Bagde        | Emerging Challenges of GST in Indian Economy                                | 200 |
| 46 | Dr. Usha Rajendra Pillawar | ONE NATION ONE TAX: THE CONCEPT AND REALIZATION WITH FOCUS ON GST IN INDIA  | 204 |
| 47 | Prof. ROSHAN KHAN          | Misconceptions about GST in common people-A study                           | 211 |
| 48 | Dr. Vamini Naskulwar       | Implementation of GST on various factors                                    | 220 |
| 49 | Dr. Miss. Varsha Kukde     | A STUDY ON GST AND ITS IMPACT ON GOVERNMENT AND RETAIL SECTOR – AN ANALYSIS | 223 |
| 50 | Dr. Damodar Bhende         | A STUDY ON IMPACT OF GST ON REVENUE OF THE STATE                            | 226 |
| 51 | Dr. Pradip Ghopade         | GST AND ITS PROVISIONS – AN OVERVIEW  | 231 |
| 52 | Dr. Sanjay Tekade          | GST: A STUDY ON THE TREATMENT OF INTER-STATE TRANSACTIONS IN INDIA          | 234 |
| 53 | Dr. Subash Shambekar       | IMPACT OF GST ON IMPORTS  | 238 |
| 54 | Prof. Dhananjay Mendhule   | IMPACT OF GST ON VARIOUS SECTORS AND CHALLENGES FOR GST IMPLEMENTATION      | 242 |
| 55 | Dr. Raju Dhabale           | SWAT Analysis of GST  | 247 |
| 56 | Dr. Sanjay Dbok            | THE IMPACT OF GOODS AND SERVICE TAX (GST) ON END-CONSUMERS OF MANUFACTURING | 251 |
| 57 | Dr. Ganesh S. Maywade      | The Salient Features of GST & Its Usefulness                                | 254 |
| 58 | Dr. Shyam Atkari           | CHALLENGES IN IMPLEMENTATION OF GOODS & SERVICE TAX                         | 258 |
| 59 | DR. DINESH B. DOHALE       | Impact of Goods & Service Tax on Agriculture of India                       | 261 |
| 60 | Dr. Sachin Kadu            | जीएसटीचे कायदे आणि तोटे   | 264 |
| 61 | डॉ. प्रदीप म. भंडारीबाब    | वस्तु व सेवा कर (GST) परीक्षण व आकलने                                       | 267 |
| 62 | डॉ. डॉ. नृपालिनी मयदे रामय | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 271 |
| 63 | डॉ. कमल हेमंत अडितकर       | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 271 |
| 64 | डॉ. जेडर के. दाहील         | वस्तु व सेवा कर (GST) प्रणालीचा भारतीय अर्थव्यवस्थेवर                       | 280 |

**Goods and Services tax the Journey just began**

Dr. Ka. M. S. Lihare  
BhawhanMahavidyalaya,  
Amgaon-Dist-Gondia

**Abstract:** - GST (Goods and Services Tax) is the biggest indirect tax reform of India. GST has subsumed taxes like Central Excise Law, Service Tax, VAT, Entry Tax, Octroi, etc. GST is one of the biggest indirect tax reforms in the country. GST is expected to bring together state economies and improve overall economic growth of the nation. There are around 180 countries in the world that have GST in place. GST is a destination based tax where the tax is collected by the State where goods are consumed. However, the idea of GST in India was mooted by Vajpayee government in 2001 and the constitutional amendment for the same was passed by the Lok Sabha on 6th May 2015 but is yet to be notified by the Rajyasabha.

**Introduction:**  
Introduction of GST is considered to be a significant step in the reform of indirect taxation in India. Amalgamating of various Central and State taxes into a single tax would help mitigate the double taxation, cascading, a multiplicity of taxes, classification issues, taxable event, etc., and leading to a common national market. VAT rates and regulations differ from state to state. On the other hand, GST brings a uniform tax system across all the states. Here, the taxes would be divided between the Central and State government. Impact of GST on Indian Economy

GST offers several benefits to our economy. Here are some key advantages:

- Create unified common national market for India, giving a boost to Foreign investment and "Make in India" campaign.
- Boost export and manufacturing activity and leading to substantive economic growth.
- Help in poverty eradication by generating more employment.
- Uniform SGST and CGST rates to reduce the incentive for tax evasion.

Impact of GST on Consumers  
GST is also beneficial for consumers. Here is how it impacts the Indian consumers:

- Simpler Tax system
- Reduction in prices of goods & services due to elimination of cascading.
- Uniform prices throughout the country
- Transparency in taxation system
- Increase in employment opportunities

model in which both States and Central levies tax on Goods or Services or both.

- SGST – State GST, collected by the State Govt.
- CGST – Central GST, collected by the Central Govt.
- IGST – Integrated GST, collected by the Central Govt.
- UTGST – Union territory GST, collected by union territory government

**Why is GST needed in India?**  
Introduction of GST is considered to be a significant step in the reform of indirect taxation in India. Amalgamating of various Central and State taxes into a single tax

**Reviewer Committee**

|   |  |
|---|--|
| 1. Dr. Naureen Siddique<br>Read. Professor,<br>Govt. MFM College, Bhopal. | 3. Dr. Mani Mathur<br>Professor,<br>Govt. SNG (Autonomous) PG College, Bhopal. |
| 2. Dr. Prasad Pail<br>Read. Professor,<br>IEHR, Bhopal.                   |  |

---

**Advisory Committee**

|   |  |
|---|--|
| 1. Dr. Jayant Sonwalkar<br>Hon. Jt. Vice-Chancellor,<br>Madhya Pradesh Bhoj (Open) University,<br>Bhopal. | 4. Dr. Naureen Siddique<br>Read. Professor,<br>Govt. MFM College, Bhopal.      |
| 2. Dr. L.S. Solanki<br>Registrar,<br>Madhya Pradesh Bhoj (Open) University,<br>Bhopal.                    | 5. Dr. Prasad Pail<br>Read. Professor,<br>IEHR, Bhopal.                        |
| 3. Dr. Shalendra Singh<br>Madhya Pradesh Bhoj (Open) University,<br>Bhopal.                               | 6. Dr. Mani Mathur<br>Professor,<br>Govt. SNG (Autonomous) PG College, Bhopal. |

---

**COURSE WRITER**  
Dr. Mandeep G. Awaley, Head, Department of Botany, Bhabhutani Mahavidyalaya, Amgaon, Gondia.

---

Copyright © Madhya Pradesh Bhoj (Open) University, Bhopal

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or by any information storage or retrieval system, without prior written permission from the Madhya Pradesh Bhoj (Open) University, Bhopal.

Information contained in this book has been published by VIKAS PUBLISHING HOUSE PVT. LTD. (Government of Madhya Pradesh Publishing House Pvt. Ltd.) and the copyright is held by the Madhya Pradesh Bhoj (Open) University, Bhopal. Publication and the authors shall be held liable for any errors or omissions or for any consequences or damages arising out of use of the information and specifically disclaim any responsibility or merchantability in respect of any particular use.

Published by Registrar, MP Bhoj (Open) University, Bhopal in 2020

VIKAS® is the registered trademark of Vikas® Publishing House Pvt. Ltd.

VIKAS PUBLISHING HOUSE PVT. LTD.  
S-28, Sector-16, Noida - 201301 (UP)  
Phone: 9125-673890 • Fax: 9125-673899  
Head Office: A-27, 2nd Floor, Madhya Computerized Industrial Estate, New Delhi - 110 044.  
• Website: www.vikaspublishing.com • Email: helpdesk@vikaspublishing.com

● पौष्क आहार आणि आरोग्य

## पर्यावरण, आहार आणि स्वास्थ्य: एक चिंतन

प्रा. सी. धनंजी पुर. राणे  
सहायक प्राध्यापक  
पारपत्री महाविद्यालय, आगमव

---

आजच्या आनुवंशिकता काळात पर्यावरण (जल, भूमी, वृक्ष, हवा) पर्यावरण असं म्हटलं जातं. या काळात पर्यावरण बदलण्याचे संकट दिसत आहे. या काळात पर्यावरण बदलण्याचे संकट दिसत आहे. या काळात पर्यावरण बदलण्याचे संकट दिसत आहे. या काळात पर्यावरण बदलण्याचे संकट दिसत आहे.

**जलसंपूर्णता :**  
जलसंपूर्णता म्हणजे जल संपूर्णता. जल संपूर्णता म्हणजे जल संपूर्णता. जल संपूर्णता म्हणजे जल संपूर्णता. जल संपूर्णता म्हणजे जल संपूर्णता.

**पर्यावरण :**  
पर्यावरण म्हणजे पर्यावरण. पर्यावरण म्हणजे पर्यावरण. पर्यावरण म्हणजे पर्यावरण. पर्यावरण म्हणजे पर्यावरण.

**आहार :**  
आहार म्हणजे आहार. आहार म्हणजे आहार. आहार म्हणजे आहार. आहार म्हणजे आहार.

**स्वास्थ्य :**  
स्वास्थ्य म्हणजे स्वास्थ्य. स्वास्थ्य म्हणजे स्वास्थ्य. स्वास्थ्य म्हणजे स्वास्थ्य. स्वास्थ्य म्हणजे स्वास्थ्य.

ISBN : 978-81-943484-5-0



INTERNATIONAL YEAR OF PLANT HEALTH 2020

Interdisciplinary National Conference on  
**RECENT INNOVATIONS IN AGRI-BIOSCIENCES IN STRENGTHENING THE INDIAN ECONOMY : CHALLENGES & PROSPECTS AND FARMERS MEET**

**SOUVENIR**

Organized by  
**Department of Botany & Department of Commerce**  
**Dr. AMBEDKAR COLLEGE**  
NAAC No. ACCREDITED WITH 'B' GRADE (2015-16)  
Recognized by UGC as College with Potential for Excellence  
Deekhabhooni, Nagpur-440010 (M.S.) India

In association with  
ICAR - CENTRAL INSTITUTE FOR COTTON RESEARCH (CICR), NAGPUR  
SANT GADGE MAHARAJA MAHAVIDYALAYA, SHIRDI  
SARABHA ARTS & SCIENCE COLLEGE, PRADHON

Dr. Subhash R. Somkuwar - Executive Editor  
Dr. Rahul B. Kamble - Associate Editor  
Dr. (Mrs.) P. M. Siriya - Co-Editor

**RIABSIIECP-2020**

Proceeding of National Conference on Recent Innovations In Agri-Biosciences In Strengthening The Indian Economy: Challenges & Prospects And Farmers Meet

|       |   |   |    |
|-------|---|---|----|
| AB-27 | Synthesis And Characterization Of Silver Nanoparticles Using Different Plant Extracts And Their Antimicrobial Studies   | Nikhita S. Somkuwar, Madhuri T. Thakre And Anshika Somkuwar   | 33 |
| AB-28 | Ethel Seed Apogony On Germination And Seedling Growth With Respect To Temperature And Storage Time In Indian Mustard  | Nikhita S. Hinge And S. N. Malode   | 34 |
| AB-29 | Medicinal And Edible Wild Fruit Plant And Their Status In Sagure Region, Madhya - Pradesh, India: A Case Study  | Omkar Bawitale  | 34 |
| AB-30 | Screening Of Phyto- Chemical Activity Of <i>Coprosma trifida</i> (L.) Duran   | Pande J. R. And Deshmukh O.S.   | 35 |
| AB-31 | Medicinal Uses Of Angiospermic Climbing Plants Of Nagpur City, Maharashtra  | Pratik Gakhare, Manali Bulkunde, Anel Pimpalshende, Priyanka Phalade, Rahul B. Kamble, S.R. Ugenage | 35 |
| AB-32 | Study Of Members Of Different Tribes Of Family Asteraceae With Reference To Stem Anatomy  | P. K. Tete And A. A. Fulele   | 36 |
| AB-33 | Exploration Of Plant Diversity From The Premises Of Bajaj College Of Science, Wardha And Study Different Factors Responsible To Destruction Of Plant Diversity. | Pooja Gawhankar, Swati Kalode And Lalchand Dalal  | 36 |
| AB-34 | <i>In vivo</i> And <i>In vitro</i> Germination Of Pollen Grains Of <i>Spathoglottis complanata</i> P. Beauv   | Pooja Saha, Pradnya Anusume, Arka Chaturvedi  | 37 |
| AB-35 | Comparative Study Of Organic And Inorganic Farming With Reference To Chemical Poisoning Properties  | Prakash R. Borkar* And Shilpa Bano Sin. Siddhik   | 37 |
| AB-36 | Efficient Production Of Organic Liquid Bio-Fertilizer From Vegetable Wastes   | Prakash R. Borkar* And Sweta N. Bhutani   | 38 |
| AB-37 | Fermentation And Evaluation Of Organically Prepared Hand Wash By Using Agricultural Ash   | Prakash R. Borkar* And Vedanti D. Raut  | 39 |
| AB-38 | A Study Of Co-Operative Farming And Marketing Of Agri-Products In India: Challenges & Prospects   | Pratibha M. Sirya   | 40 |
| AB-39 | Evaluation Of Antibacterial Potential Of Some Medicinal Plant Extracts Against <i>E. coli</i> Isolates From Chat-Panjar Street Food Stalls                      | Pavni K. Thakre And Raju U. Gadgil  | 41 |
| AB-40 | Indigenous Technologies Of Rural Development  | Pravin M. Chandragiriwar  | 42 |
| AB-41 | Anti-Insecticidal Activity Of Some Medicinal Plants - A Review  | Punam A. Bhutade And Raju U. Gadgil   | 43 |
| AB-42 | A New <i>Gonopora</i> Lent From Kamptee Mine, Nagpur District, Vidarbha, Maharashtra  | Puranik S. D And Chinchmalpure M. D   | 43 |
| AB-43 | Farmland Biodiversity For A Sustainable Food And Nutrition Security   | R. R. Chaudhary, J. V. Gadgil, R. B Kamble* And S. R. Somkuwar                                      | 44 |
| AB-44 | Impact Of Glyphosate On The Morphology Of Seedling Growth Of <i>Mulachra capitata</i> L.  | R.A. Lorene, R.H. S.R. Somkuwar, R.N.   | 45 |

Dr. Ambedkar College, Deekhabhooni, Nagpur **RIABSIIECP-2020**

Proceeding of National Conference on Recent Innovations In Agri-Biosciences In Strengthening The Indian Economy: Challenges & Prospects And Farmers Meet

The result indicated that several of samples from street food were contaminated and several of the *E. coli* isolates were resistant against some of the antibiotics used for antibiotic resistance screening test. Further, the water, alcoholic and acetone extract of medicinal plants used showed varied antibacterial activity against *E. coli* isolates. The present study suggests that these medicinal plants can be a source of potential novel antibacterial drugs.

**Keywords:** Antibacterial, Medicinal Plants, *E. coli*, Antibiotic resistance, Street Food

**AB-40) INDIGENOUS TECHNOLOGIES OF RURAL DEVELOPMENT**  
Pravin M. Chandragiriwar  
Department of Commerce, Bhambhuti Mahavidyalaya, Angaon, Dist. Gondia (M.S.)  
Corresponding Author Email: pravinchandragiriwar@gmail.com

**ABSTRACT**  
Indigenous Technical Knowledge (ITK) has immense potential for innovation, especially at the grassroots level. India is a country populated by a number of indigenous communities, most of which have their own set of unique traditional knowledge and technology base. Many of these knowledge and technologies are at par with the modern knowledge and technology system and have provided the indigenous communities with comfort and self-sufficiency. A study on some of the aboriginal knowledge and technologies, with special reference to the concept of Indigenous Technical Knowledge (ITK), prevalent among a number of indigenous communities was carried out and the significance of the same in innovation has been evaluated. The main focus of the study was to identify the Indigenous Technologies (IT) being used by the farmers. Indigenous practices provide invaluable knowledge and aid in making best use of natural resources. In the modern days of technological advancement, this knowledge is often forgotten or neglected. The study also explored the relationship between farmers' selected characteristics (independent variables) and their extent of use of the identified ITs (dependent variable). It is recommended that the documentation of Indigenous Technical Knowledge (ITK) should be included in the curricula of environment and sustainable development as a cross-cutting issue, on biodiversity and forest management. An appropriate association between the traditional and modern knowledge and technology systems has immense potential to benefit the society.

**Keywords:** Indigenous Technical Knowledge (ITK), India

Dr. Ambedkar College, Deekhabhooni, Nagpur (42) **RIABSIIECP-2020**

One Day Interdisciplinary National E-Conference on  
**'Covid-19' & Its Impact On The Various Factors**

26 May 2020 ISBN : 978-81-942797-4-7

Organised By  
**M.E.S. Arts & Commerce College**  
Mehkar, Dist. Buldana 443301 Maharashtra  
Affiliated with  
**Sant Gadge Baba Amravati University, Amravati**

**E-Souvenir**

Impact Of COVID-19 lockdown on the Agricultural Sector  
Impact Of COVID-19 lockdown on the Industrial Sector  
Impact Of COVID-19 lockdown on the Service Sector  
Impact Of COVID-19 lockdown on the Unorganized Sector  
Impact Of COVID-19 lockdown on the Social & Other sector

Dr. G. N. Parihar  
Chief Editor

Dr. U. S. Kale Editor  
Dr. P. A. Joshi Editor  
Prof. G. D. Saaji Editor

Painganga Prakashan, Aurangabad  
paingangaprakashan@gmail.com 9975132211 9850927424

One Day Interdisciplinary National E-Conference on  
**Covid-19 & Its Impact on the Various Factors**  
Organized By - M.E.S. Arts & Commerce College Mehkar,  
Dist. Buldana - 443301 Maharashtra  
Date : 26 May 2020 ISBN - 978-81-942797-4-7

|    |  |     |
|----|--|-----|
| 62 | Nitin Praeratalji Singhavi<br>COVID-19 & It's Impact on Various Sectors and Factors                            | 305 |
| 63 | Miss. Purnima Kale<br>A study on impact of Covid-19 virus on job opportunities                                 | 310 |
| 64 | Mr. Rahul O. Ora<br>Corona Crisis on Indian Economy  | 315 |
| 65 | Dr. Ramesh P. Deshmure<br>COVID-19 Pandemic Consequences on Humanity : Destructive                             | 319 |
| 66 | Dr. Pravin M. Chandragiriwar<br>Covid-19 and its impact on the various factors                                 | 323 |
| 67 | Mr. Prafull A. Kose<br>Social and other impacts of lockdown due to Covid-19                                    | 327 |
| 68 | Dr. Swapnil S. Arant<br>Impact of COVID-19 Pandemic on women's sanitation: A case study                        | 329 |
| 69 | Dr. Pallavi L. Tagade, Dr. (Mrs.) Aparna S. Dhole<br>Impact of covid-19 disease on Indian tourism sector       | 332 |
| 70 | Prof. Vivek M. Moray, Prof. Ashish R. Kanha<br>Covid-19: Its Impact on the Various Factors                     | 336 |
| 71 | Dnyaneshwar Ambadas Wakode, Professor Dr. Ekmath J. Hedge<br>Covid-19 Impact on Various Sector I India         | 340 |
| 72 | Dr. Abasheh D. Jadhav<br>COVID 19 - Its Impact on the Various Structures of Social-Inter Relationship          | 345 |
| 73 | Abhijeet Prakash Wadalkar<br>Impact of Covid-19 on Society   | 348 |
| 74 | Dr. Bhaskar Ambadas Laxman<br>Economic Impacts of Corona Virus (Covid-19) Pandemic: An Indian Scenario         | 351 |
| 75 | Prof. Dr. Balakrishna N. Mahajan<br>Impact of corona virus on Indian Economy                                   | 355 |
| 76 | Prof. Bhushan S. Mangate<br>A Study of link between Work and Poverty during the lockdown in Yavatmal District. | 359 |
| 77 | Dr. Radhesham P. Choudhari<br>COVID-19 and its impacts on various sectors of Indian economy                    | 363 |
| 78 | Dr. Wasudeo D. Golali<br>A Rapid Assessment on The Impact Of Covid-19 On The Society                           | 369 |
| 79 | Aniket Sha<br>कोविड-१९ वायरस जनसंख्या - भारतीय संघ पर प्रभाव का विश्लेषण                                       | 373 |
| 80 | श्री. अशोक मंगेशकर<br>कोविड-१९ वायरस जनसंख्या - भारतीय संघ पर प्रभाव का विश्लेषण                               | 376 |
| 81 | श्री. अशोक मंगेशकर<br>कोविड-१९ वायरस जनसंख्या - भारतीय संघ पर प्रभाव का विश्लेषण                               | 378 |
| 82 | श्री. अशोक मंगेशकर<br>कोविड-१९ वायरस जनसंख्या - भारतीय संघ पर प्रभाव का विश्लेषण                               | 381 |

xx | Page Index

One Day Interdisciplinary National E-Conference on  
**Covid-19 & Its Impact on the Various Factors**  
Organized By - M.E.S. Arts & Commerce College Mehkar,  
Dist. Buldana - 443301 Maharashtra  
Date : 26 May 2020 ISBN - 978-81-942797-4-7

**COVID-19 Pandemic Consequences on Humanity : Destructive**

Dr. Pravin M. Chandragiriwar  
Assistant Professor (Department of Commerce)  
Bhambhuti Mahavidyalaya, Angaon, Dist-Gondia

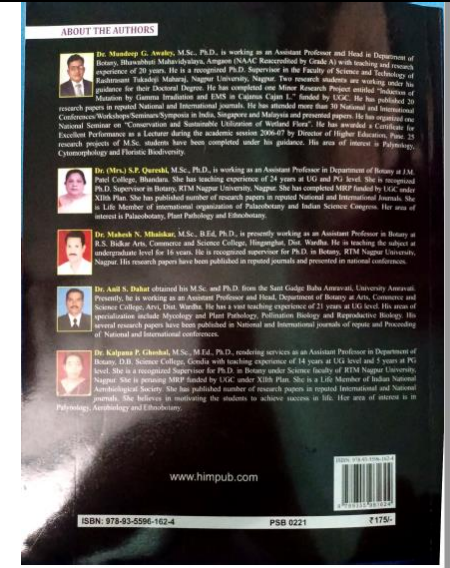
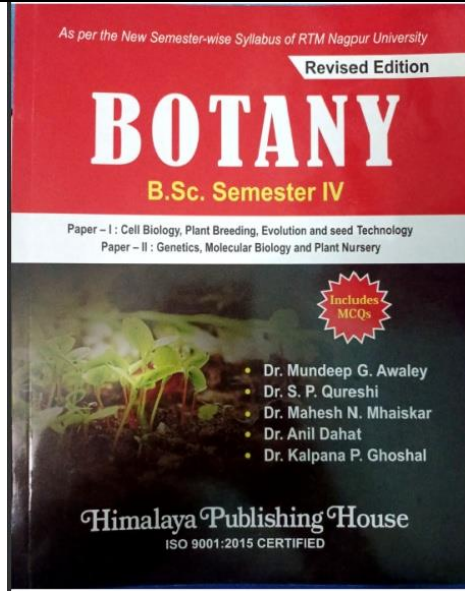
**Abstract**  
The impact of COVID-19 on the economy is without doubt Destructive. No field has escaped its consequences. Its impact on agriculture is multifaceted and varied across distinct segments that form the agricultural value link. Even among the different segments, its consequences vary widely among different places and among producing authorities and agricultural wage labour community. This impact will reverberate across the bigger economy and will survive longer than a few months.  
Countries are racing to slow the spread of the virus by testing and treating patients, carrying out contact tracing, limiting travel, quarantining citizens, and cancelling large gatherings such as sporting events, concerts, and schools.

**Introduction**  
The coronavirus COVID-19 pandemic is the defining global health crisis of our time and the greatest challenge we have faced since World War Two. Since its emergence in Asia late last year, the virus has spread to all world.  
Without urgent socio-economic responses, global suffering will escalate, jeopardizing lives and livelihoods for years to come. Immediate development responses in this crisis must be undertaken with an eye to the future. Development trajectories in the long-term will be affected by the choices countries make now and the support they receive.  
Every day, people are losing jobs and income, with no way of knowing when normalcy will return. Small island nations, heavily dependent on tourism, have empty hotels and deserted beaches. The International Labour Organization estimates that 195 million jobs could be lost.  
**Manufacturing**  
Major companies in India such as Larsen and Toubro, Bharat Forge, UltraTech Cement, Grasim Industries, the fashion and retail wing of Aditya Birla Group, Tata Motors and Thermax have temporarily suspended or significantly reduced operations in a number of manufacturing facilities and factories across the country. iPhone producing companies in India have also suspended a majority of operations. Nearly all two-wheeler and four-wheeler companies have put a stop to production till further notice. Myster

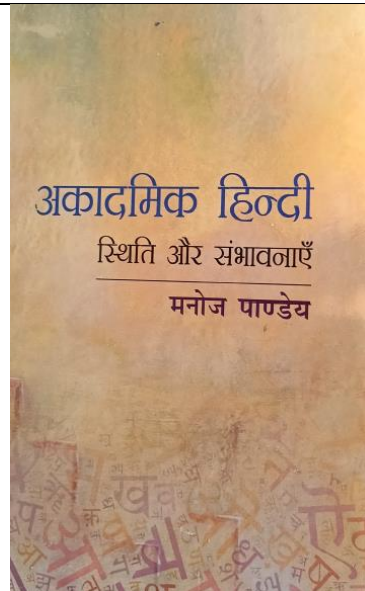
319 | Page Social Sector

# Session 2020-21

1



2



|  |     |
|--|-----|
| हिन्दी भाषा और मौखिक लेखन में संज्ञा                           | 111 |
| —डॉ. सुकिला रं. बनसोड  |     |
| कम्प्यूटर में हिन्दी रोजगार के अवसर                            | 116 |
| —डॉ. इंदिरा जानकीराम पवार                                      |     |
| हिन्दी में अनुसंधान और आलोचना                                  | 120 |
| —डॉ. विद्युति अग्रवाल  |     |
| हिन्दी में रोजगार के क्षेत्र                                   | 123 |
| —डॉ. प्रतिभा ग. वैभवारा  |     |
| हिन्दी में रोजगार के क्षेत्र                                   | 127 |
| —डॉ. राजकुमारी पावय  |     |
| हिन्दी में रोजगार के क्षेत्र                                   | 132 |
| —डॉ. रवि उ. नुकर   |     |
| हिन्दी भाषा एवं साहित्य में रोजगार के अवसर                     | 136 |
| —डॉ. साधना गुप्ता  |     |
| शोध लेखन : नई दिशाएँ-नई चुनौतियाँ                              | 142 |
| —सुमिता राय  |     |
| राष्ट्रभाषा हिन्दी के नये आयाम                                 | 146 |
| —डॉ. हरवीरिंद टेंडरे   |     |
| टैलीविजन एवं सिने जगत में हिन्दी भाषा व साहित्य रोजगार के अवसर | 151 |
| —डॉ. प्रतिभा विवादी  |     |
| हिन्दी में रोजगार के अवसर                                      | 154 |
| —डॉ. लोकेश्वर प्रसाद रिाहा                                     |     |
| हिन्दी में रोजगार के क्षेत्र                                   | 159 |
| —डॉ. नीलम वैद्यगड  |     |
| हिन्दी में शोध की दिशा और दशा                                  | 164 |
| —गीति पांडेय   |     |
| हिन्दी में शोध प्रलेखन   | 168 |
| —रघवीन भारती   |     |
| हिन्दी भाषा में रोजगार के क्षेत्र                              | 173 |
| —डॉ. विकास कामठी   |     |
| हिन्दी में अनुसंधान के विविध आयाम                              | 177 |
| —डॉ. रमेश टी. बावनबड़े   |     |
| आज के दौर में हिन्दी की अकादमिक स्थिति                         |     |
| —डॉ. लक्ष्मीकान्त सर्वेवा                                      |     |

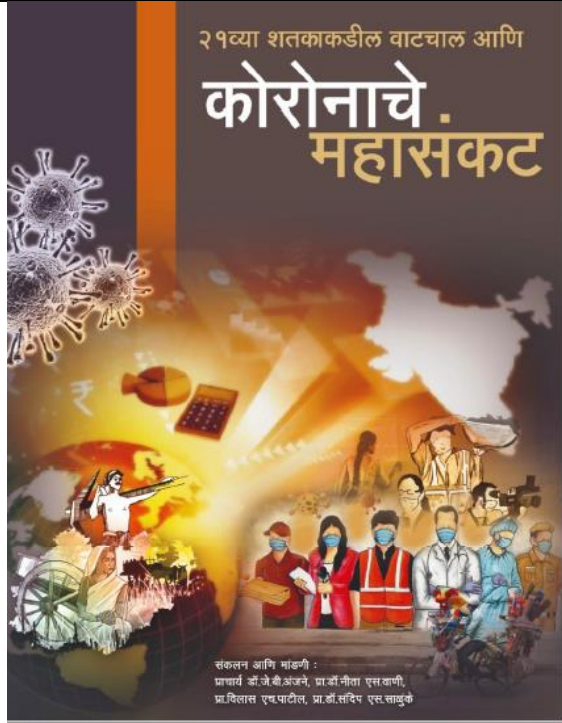
**हिन्दी में अनुसंधान के विविध आयाम**

डॉ. रमेश टी. बावनबड़े

अनुसंधान एक सतत ज्ञान प्रक्रिया है। सृष्टि के मूल रहस्यों को खोज अनुसंधान का ही फल है। अनुसंधान प्रक्रिया के शिथिल अथवा अव्यवस्थित हो जाने की स्थिति में विकास स्वतः अवरुद्ध हो जाता है। वस्तुतः अनुसंधान ज्ञान मार्ग है। डॉ. धीरेन्द्र वर्मा के अनुसार "खोज से संबंध रखने वाला विद्यार्थी ज्ञान मार्ग का पथिक होता है। भक्तिमार्ग तथा कर्ममार्ग से उसे दूर रहना चाहिए। संपन्न है आगे चलकर सब के अन्वेषण की तीन धाराएँ आपस में मिल जाती हैं—कदाचित् मिल जाती हैं—किन्तु इसकी इस ज्ञानमार्ग-पथिक को चिन्ता नहीं होनी चाहिए।"

डॉ. वर्मा के इस कथन से अनुसंधान की महत्ता की और भी पुष्टि हो जाती है। प्राचीन काल में जब लेखन कला का अधिक प्रचार नहीं हुआ था, उस समय वाद-विवाद तथा शास्त्रार्थ के माध्यम से नए तथ्यों की खोज की जाती थी और ज्ञान के नए आयाम खुलते थे। वाद-विवाद की प्रक्रिया केवल भारत में ही नहीं प्रचलित थी बल्कि यूरॉप में भी 16वीं, 17वीं तथा 18वीं शती तक कुछ अंशों में विद्यमान थी। अपने यहाँ यह परम्परा 16वीं तथा 20वीं शती के प्रथम चरण तक चलती रही। सम्भवतः 'वाद-वादे जायते तत्त्व बोधः' उक्ति ही इसीलिए कही गई है। वाद-विवाद से ज्ञान के द्वार तो अवश्य खुलते थे, किन्तु उसकी भी एक सीमा रहती थी। शास्त्रार्थ में अपने मत के समर्थन में प्रायः वही तर्क प्रस्तुत किए जाते थे जिनका प्रयोग अन्ध्र किया गया होता था। अतः पाश्चात्य जगत में लेखन कला, मुद्रण कला तथा वैज्ञानिक दृष्टि के विकास के कारण शोध प्रबंधों के लेखन की परम्परा चल पड़ी तथा अनुसंधान को एक व्यवस्थित रूप मिला।"

हिन्दी में शोध-कार्य का आरम्भ आज से करीब साठ वर्ष पहले आरम्भ हुआ। किन्तु सन् 1947 के पश्चात् हिन्दी में अनुसंधान-कार्य को विशेष प्रगति मिली। स्वतंत्रता के पूर्व तक केवल आठ विश्वविद्यालयों के हिन्दी विभागों में शोध-कार्य



अनुक्रमणिका

| अ. क्र. | शिर्षक   | पान क्र. |
|---------|--|----------|
| १       | कोविड-१९च्या १८८ पन्नातून भारतीय अर्थव्यवस्थेला सोडविण्यासाठी दिशेचार्जित उपाय योजना.                          | १        |
| २       | कोविड-१९ वा महामारीचे भारतीय अर्थव्यवस्थेवरील विविधांगी परिणाम   | ६        |
| ३       | कोविड-१९ मुळे भारतीय अर्थव्यवस्थेवर व पर्यावरणावर होणाऱ्या परिणामांचे अध्ययन करणे.                             | १५       |
| ४       | २१ व्या शतकाकडे भारतीय अर्थव्यवस्थेची वाटचाल आणि कोरोनाचे संकट   | २५       |
| ५       | कोविड-१९ आणि भारतीय अर्थव्यवस्थेची दशा व दिशा  | ३६       |
| ६       | कोविड -१९ आणि भारतीय अर्थव्यवस्थेची दशा व दिशा   | ४७       |
| ७       | कोविड -१९ विभाषा कृषी क्षेत्रावर विध्वंसक परिणाम   | ५५       |
| ८       | वैश्विक महामारी कोरोना विषाणू : भारतीय अर्थव्यवस्थे वरील विविधांगी परिणाम व त्यावरील उपाय                      | ६१       |
| ९       | कोविड -१९ मुळे भारतीय अर्थव्यवस्थेवर झालेल्या परिणामांचे अध्ययन  | ६८       |
| १०      | Corona's Overall Impact and Awareness on the Indian Economy  | ७६       |
| ११      | भारतीय अर्थव्यवस्थावर कोरोना वायरस का प्रभाव   | ८०       |
| १२      | कोविड - १९ मुळे मध्यम व सधु उद्योगांवर झालेले परिणाम   | ८४       |
| १३      | कोविड २०१९ मुळे शिक्षण प्रक्रियेत झालेल्या बदलांमधील शिक्षण, पाठक, शिक्षकांची, शिक्षणसंस्था, समाज यांची भूमिका | ९१       |
| १४      | Impact of COVID-19 in Economical, Education and Social changes in India.                                       | ९७       |

७

कोविड -१९ विभाषा कृषी क्षेत्रावर विध्वंसक परिणाम

डॉ. प्रतिभा म. पाटीलगिरावर

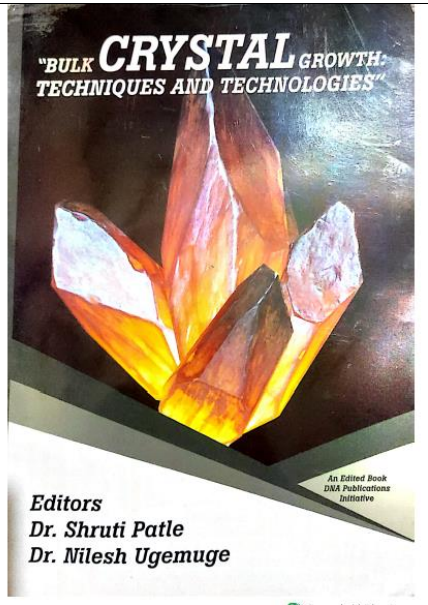
कोविड -१५ अर्थव्यवस्थेवर होणारा परिणाम निसंशय विनाशक आहे. कोणतेही क्षेत्र त्याच्या परिणामातून सुटतेच नाही. त्याचा शेतीवर होणारा परिणाम विवादास्पद आणि कृषी मूल्या असलेल्या विनम्र विभागांमध्ये विनम्र आहे. जरी विनम्र विभागांमध्ये, त्याचे परिणाम वेगवेगळ्या ठिकाणी आणि उपाययोजना खेळाटू आणि कृषी मजुरी कामगार समुदायांमध्ये मोठ्या प्रमाणात बदलतात. हा परिणाम मोठ्या अर्थव्यवस्थेत पुन्हा दिशेने वेईल आणि काही महिन्यांपेक्षा जास्त काळ टिकेल.

या अर्थव्यवस्थेकडून भारतीय कृषी संकटात कासा प्रतिसाद देईल आणि सरकारी उपाययोजनांचा देशभरातील १४० दशलक्ष शेतकऱ्यांवर कासा परिणाम होतो आणि त्यानंतर विकसनशील जगातील महत्त्वपूर्ण देशांच्या अर्थव्यवस्थांवर त्याचा कासा परिणाम होतो. तसेच कोविड-१९ ने शेती क्षेत्रातून निर्माण केलेल्या त्वरित आव्हानांचे आम्ही मूल्यांकन करून संकटानंतरच्या काळात शाश्वत अन्न व्यवस्था सुनिश्चित करण्यासाठी योग्य उपाय सुचविले.

परिचय

कोविड -१९चा आधीचा परिणामी अर्थव्यवस्था आधीच मंदगती होती. वेगवेगळ्या उद्योगांमध्ये, कुपोषण आणि असमानतेच्या अस्तित्वातील समस्या - या दोन कारणांमुळे भारताला आर्थिक धक्का बसण्याची शक्यता अधिक तीव्र आहे. दुरांतर म्हणजे, भारतातील शेती अनीपचारिक क्षेत्र विषेधत: कुपोषण नसलेले आहे. सन २०१७-१८ मध्ये राष्ट्रीय एकूण ४६६ दशलक्ष कामगारांपैकी सुमारे ९१.२% (४२२.४ दशलक्ष) अनीपचारिक कामगार होते. लोकजाडून कलावधीत उदरनिर्वाहकता ही शेती, रम्यतांवर आणि इतर कामगार परतला पटका बसली.

५५



Structural, Electrical and Thermal Studies of L-Leucine ... | 129

**8**

**Structural, Electrical and Thermal Studies of L-Leucine doped ADP crystals**

B. A. Shingade<sup>1</sup>, R. M. Belkar<sup>2</sup>

<sup>1</sup> Department of Physics, Bhambhani Mahavidyalaya, Amnason-441902, India  
<sup>2</sup> Department of Physics, Government Vidyalba Institute of Science and Humanities, Amravati-444 604, India

**CHAPTER OUTLINE**

8.1. Introduction..... 131  
8.2. Solubility and solution preparation of the ADP crystals..... 132  
8.3. Structural analysis by powder XRD..... 133  
8.4. Compositional analysis using EDAX characterization..... 138

**BULK CRYSTAL GROWTH: TECHNIQUES AND TECHNOLOGIES**

**Dr. Shruti K. Patle** is presently working as an Assistant Professor in the Department of Engineering, Nagpur. She has very rich experience of teaching in the field of Engineering. She has pursued her Master's and Doctorate degree from RITM Nagpur University. She has obtained her Bachelor's degree in Education from SMMU University, Mumbai and M. Phil degree in physics from Goida Open University, Nagaland. She has research papers in various national and international journals as well as conference to her credit. Her research interest includes non linear optical materials, single crystals and semi-conductor optical materials. She has published Four Books on different areas. She is associated with various professional bodies such as Indian Association of Crystal Growth (IACG), Indian Association of Physics Teacher (IAPT) and International Association of Engineers (IAE). She is a reviewer for International Journal of Engineering Research & Technology and International Journal of Emerging Trends in Engineering and Basic Sciences.

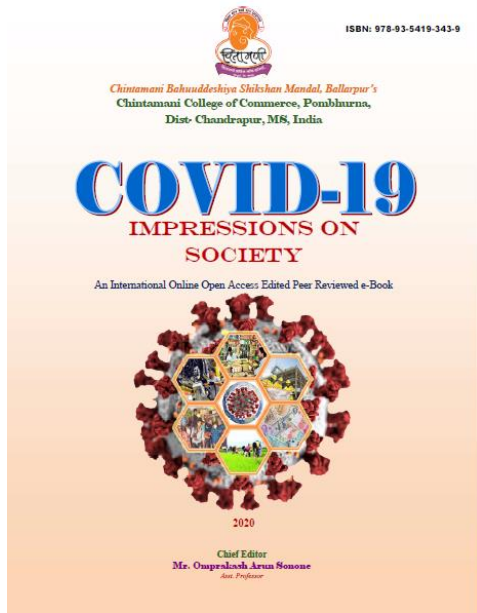
**Dr. Nilesh S. Ugemuge**  
At present he is working as Assistant Professor in Department of Physics at Anand Niketan College, Amravati, Maharashtra, India. Along with teaching, presently he is SPOC for NPTEL and SWAM. Also he is recognized Ph. D. Supervisor in Physics with Gandhiana University Gandhinagar and registered students for Ph.D. with him. Before joining this prestigious organization he worked as a Head, Department of Applied Physics and Student Coordinator for First Year with Piyadashini College of Engineering, Nagpur (NAAC A+). Also Faculty Advisor, IIT Student Chapter, PCE and Coordinator Remote Centre, IIT Bombay-PCE for ISTE workshops under NMEICT, MHRD Government of India.

His areas of interest are Entrepreneurship Development, Teaching and Research Aptitude, Human Resource Management, Industrial Relation, Labour Welfare, Condensed Matter Physics and Luminescence. He has been awarded Ph.D. in Physics and Ph.D. in Management from R.T.M. Nagpur University, Nagpur. He has qualified Seven times SSC-NET examination in the field of Management and Social Work. He has also cleared SET examination in Social work. He was awarded M.Sc. Physics from Department of Physics, RITM Nagpur University, Nagpur. Due to varied interest in the field of management after completion of Post graduate in Physics he has completed Post Graduate Diploma in Human Resource Management from Mahatma Gandhi Labour Institute, Ahmedabad (An Autonomous Institute of Government of Gujarat). Also completed MHRM, MA (Economics with Econometrics), M.A. (Public Administration), Master's Social Work (MSW) & B. Ed. from RITM Nagpur University, Nagpur. Also completed BSW and SW (Voc: Mathematics) from Sardar Vallabhbhai, Ramdas. He has completed six courses from IIT Madras and IIT Kharagpur on Intellectual Property Rights through NPTEL. Also completed 04 Quality Improvement Programme (QIP) from IIT Kanpur and IIT Bombay. Also completed 15 Short Term Training Programmes from IIT Bombay, IIT Kharagpur, IIT Kanpur & VNIT Nagpur.

He has been worked as a University Paper setter, Moderator, Officer incharge for University Examinations for several times. Also he was appointed as Scrutiny officer by RITM Nagpur University, Nagpur. Also evaluated Ph.D. Thesis and conducted open defence for physics.

He has published 20 books and edited 30+ Books for Beharunur University, Utkal University, Bharti Vidyapeeth and Uttarakhand Open University with NPTEL and DNA Publications. Also published monographs with IGI Global, USA. He has published several research Papers in various referred International Journals and conference. He is involved in teaching since last 13 years. He is reviewer for various international journals namely Springer, Elsevier, John Wiley, Sage, etc. He is member of Editorial board with DNA publication. He is associated as a resource person with MSME, MCD, MITCON and USC-HRD, Nagpur for Entrepreneurship Development Program and other program and delivered more than 100 sessions as a resource person. He is associated with various professional bodies namely Indian Society for Technical Education (ISTE), Luminescence Society of India (LSI), International Association of Engineers (IAE), Shikshan Sanstha Utkhan Nyas (SSUN), Indian Science Congress and Indian Society for Training & Development (ISTD) etc.

ISBN : 978-81-945174-7-4  
9 788194 517474  
DNA Publication  
Price: Rs. 800



ISBN: 978-93-5419-343-9

Chintamani Bahaddeshiya Shikshan Mandal, Ballapur's  
Chintamani College of Commerce, Pombhurna,  
Dist: Chandrapur, MS, India

# COVID-19

## IMPRESSIONS ON SOCIETY

An International Online Open Access Edited Peer Reviewed e-Book

2020

Chief Editor  
Mr. Omprakash Arun Sonone  
Asst. Professor

### INDEX

SECTION 1: EDITED CHAPTERS

| Sr. No. | Particulars/Title  | Name  | Page No. |
|---------|--|---|----------|
| 01      | Chapter No. 1: An Unforgettable Journey During a Pandemic  | Mr. Mayur B. Uttarwar, North Carolina, USA  | 01       |
| 02      | Chapter No. 2: Covid19-Management and Challenges   | Mr. Sachin Suryawanshi, Hingoli             | 05       |
| 03      | Chapter No. 3: Online Teaching during Pandemic of Covid-19 in Rural Area with Special Reference to Chandrapur District | Mr. Nitin Yashwant Uparwat, Chandrapur      | 09       |
| 04      | Chapter No. 4: Impressions of Covid 19 on Global Economy   | Mr. Omprakash Arun Sonone, Chandrapur       | 15       |
| 05      | Chapter No. 5: Covid 19 - OPEN LEARNING COURSES AND LIBRARIES  | Mr. Vijay S. Budhe, Chandrapur              | 19       |
| 06      | Chapter No. 6: कौविड-19 विधाण्या आरोग्याचा कृषी क्षेत्रावर परिणाम  | Dr. Pravin Chandragiriwar, Gondia           | 23       |
| 07      | Chapter No. 7: कोरोना व्हायरस व बदलती श्रद्धाचर्या   | Dr. Pratinima Vilas Meshram, Chandrapur     | 27       |
| 08      | Chapter No. 8: एका विधाणुने शिकविले  | श्री दूयात बादुराव निमकर, वडनूर             | 36       |
| 09      | Chapter No. 9: कोरोना आणि दूर वाडी जवाबदारी आणि उपाययोजना  | Dr. Manisha N. Gulkane, Wardha              | 40       |
| 10      | Chapter No. 10: टाळेबंदीतील डायरी  | Mr. Abhijit Pandharinath Mahale, Sindhudurg | 43       |
| 11      | Chapter No. 11: कोरोना आणि अर्थव्यवस्था  | श्री गणेशा खननराव मास्कर, कल्याण उरण        | 46       |
| 12      | Chapter No. 12: कोरोना महामारी - जागतिक संकट   | Smt. Priya Vasudeo Kale, Kolhapur           | 50       |
| 13      | Chapter No. 13: कोरोना आणि शेतकरी  | Mr. Vishal Diwaker Madpati, Chandrapur      | 53       |
| 14      | Chapter No. 14: कोरोना और समाज   | Mr. Vinod M Anmadwar, Chandrapur            | 54       |

ISBN: 978-93-5419-343-9

### Chapter No. 6

## कौविड-19 विधाण्या आरोग्याचा कृषी क्षेत्रावर परिणाम

Dr. Pravin Chandragiriwar,

Prof. (Assistant/Associate/Prof.), Department of Commerce, Bhambhuti Mahavidyalaya, Amgaon, At. Po. Amgaon Dist-Gondia (M.S.), Maharashtra, Mob: 9420857219, E-Mail: pravinchandragiriwar@gmail.com

सारांश

कौविड -19 चा अर्थव्यवस्थेवर होणारा परिणाम निरवधार्य विनाशक आहे. कोणतेही क्षेत्र त्याच्या परिणामातून सुटलेले नाही. स्वता सोबतच होणारा परिणाम विवादास्पद आणि कृषी मूळ असलेल्या निरवधार्य विभागातले किन्ना आहे. जरी निरवधार्य विभागात, त्याचे परिणाम वेगवेगळ्या ठिकाणी आणि उत्पादक क्षेत्रात आणि कृषी मनुषी कामगार समुदायात मोठ्या प्रमाणात बदलतात. हा परिणाम मोठ्या अर्थव्यवस्थेत दुर्घटनेचे शेत आणि काही महत्वाचे खास जास्त दिवस.

या आढावात्मक काळात भारतीय कृषी संकटाचा कसा प्रतिसाद देईल आणि सरकारने उपाययोजना घेण्यासाठी 140 दशलक्ष शेतकऱ्यांवर कसा परिणाम होतो आणि स्वतंत्र विकसनीय जगातील मनुष्यांमध्ये मोठ्या अर्थव्यवस्थेवर कसा असतो परिणाम होतो तसेच कौविड - 19 ने शेती क्षेत्रावर निर्माण केलेल्या सर्वात अडथळांचे आधी मूल्यांकन करून संकटानंतरच्या काळात तसेच अन्य दबावा सुनिश्चित करण्यासाठी योग्य उपाय सुचविले.

परिचय

कौविड -19 च्या आधीच्या परिणामी, अर्थव्यवस्था अशीच मंदगती होती. वेगवेगळी, कमी उपज, कृषीपणे आणि अग्रगण्येय अस्तित्वातील समस्या या दोन कारणांमुळे प्रथम भारतात आर्थिक धक्का बसण्याची शक्यता अधिक तीव्र आहे. दुसरे म्हणजे, भारतीय लोक अनेकवर्षांचे क्षेत्र निरवधार्य सुंपन नसलेले आहे. सन 2017-18 मध्ये राष्ट्रीय एकूण 400 दशलक्ष कामगारांची सुमारे 91.2 टक्के (422.4 दशलक्ष) अनेकवर्षांचे कामगार होते. लोकबळाने कासालील उपजनामगती ही होती. स्वतंत्रता आणि इतर कामगार फारसा कटका बरेले येणे, शेती, पुरवठा साधनी, अन्य आणि पोषण आणि पोषणदोष्या गोष्टींवर होणारा सततच प्रभावच लक्ष केंद्रित करूया.

कौविड - 19 संघोषणात च्या आरवणस सूप असलेल्या आरोग्याच्या संकटाचा परिणाम सर्व सरातील लोकंवर शास आहे. या आढावने वीरित लोकांचे चीघर तसेच संशय करणारे शब्दांचे प्रभाव आहे. कोरोना विषणूच्या हल्ल्यांमुळे अंत्युत्सुं परिचित्ती निर्माण झाली तेव्हाचानुन

ISBN 978-81-952542-3-1

Proceedings of the  
9<sup>th</sup> National Conference on  
Mathematics Education  
NCME 2020

Edited by  
Dr. Ashwani Kumar Garg  
Mr. Aji Thomas

Regional Institute of Education, Bhopal  
National Council of Educational Research and Training

### CONTENTS

| S. No. | Title of the paper   | Page No. |
|--------|--|----------|
| 1      | Relationship between Creativity and Achievement in Mathematics<br>Jose J. Kurisunkal   | 1        |
| 2      | What Made Mathematics Difficult?<br>Sadhna Shrinivas Hulyalkar   | 8        |
| 3      | Creating a Culture of Mathematics Learning<br>Seema Gopinath   | 15       |
| 4      | Longer the Exposure Better the Outcomes Evidence from Ganitha Kalika Andolana<br>Kurukundi Vijayant <sup>1</sup> and Suma M. N. <sup>2</sup>             | 20       |
| 5      | Solving Algebraic Equations: Most Significant Contribution of Ancient Indian Mathematicians<br>Ravi Asrani   | 28       |
| 6      | Ethno-Mathematics, Indian Culture and Mathematics Curriculum<br>Swati <sup>1</sup> and Satyendra Gupta <sup>2</sup>                                      | 40       |
| 7      | Pi <sup>3</sup> in India and Reaching it to Students<br>P. Devaraj   | 44       |
| 8      | Divisibility by Osculation Process from Vedic Mathematics<br>Sanjay Madhukar rao Deshpande <sup>1</sup> and Rishikumar Krishnakumar Agrawal <sup>2</sup> | 48       |
| 9      | Summing through Pascal and Power Matrices<br>R. Sivaraman  | 56       |
| 10     | Math Anxiety: Causes, Symptoms and Strategies to Reduce<br>Umar Iqbal Wani   | 63       |
| 11     | Teaching-Learning to Classroom Students: How to Exercise Language to Explain Mathematics Problems?<br>Manisha Sahu                                       | 68       |
| 12     | Assessment of Mathematics Anxiety among Dyscalculics<br>Deepak B. M.   | 76       |

Proceedings of the 9<sup>th</sup> National Conference on Mathematics Education, NCERT, RIE, Bhopal, December 2020.  
ISBN No. 978-81-952542-3-1

### Divisibility by Osculation Process from Vedic Mathematics

Sanjay Madhukarrao Deshpande<sup>1</sup> and Rishikumar Krishnakumar Agrawal<sup>2</sup>

<sup>1</sup>Associate Professor, Department of Mathematics Bhambhuti Mahavidyalaya, Amgaon, Nagpur, Maharashtra

<sup>2</sup>Associate Professor, Department of Mathematics, Hishop College, Civil Lines, Nagpur, Maharashtra

**ABSTRACT**

In this paper we will discuss the methods of divisibility. It is important to study divisibility for prime numbers 7, 13, 17, 19, 23, 29, etc. In conventional method, there is no specific rule for checking divisibility by such numbers. Vedic Mathematics provides osculation method to test the divisibility by such numbers. We classify divisors in four categories: (1) Divisor ending with Nine, (2) Divisor ending with Three, (3) Divisor ending with One, and (4) Divisor ending with Seven. In each case, from the given divisor, we obtain a number, called Osculator. Then we carry a process called Osculation. It is a process carried out on a given number (dividend) with an osculator of a given divisor to verify divisibility.

**Keywords:** Divisibility, osculator, positive osculator, negative osculator.

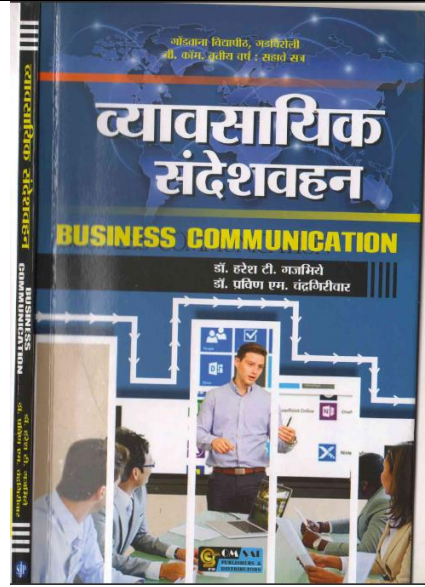
**Introduction**

Actual division gives us divisibility but if the divisor or dividend is a big number then testing divisibility becomes very lengthy. We know that if divisor is a composite number then we find all factors of the divisor. If all factors of divisor divide a given number (dividend), then the given composite number is divisor. Hence it is important to study divisibility of prime numbers 7, 13, 17, 19, 23, 29, etc. In conventional method, there is no specific rule for divisibility of such numbers. Vedic Mathematics provides osculation method to test the divisibility of such numbers.

To study divisibility for the divisors from 2 to 12 we use conventional method and for the numbers ending with 1, 3, 7, 9 we use Vedic osculation process.

Table 1: Divisibility test for divisor between 2 to 12.

| Divisibility test for divisor | Divisible if the dividend possesses following properties                          |
|-------------------------------|---|
| 2                             | The last digit (unit place) of dividend is even number, i.e., 2,4,6,8,0           |
| 3                             | Sum of all digits is divisible by 3   |
| 4                             | Numbered formed by last two digits is divisible by 4                              |
| 5                             | The last digit (unit place) of dividend is 0 or 5                                 |
| 6                             | As 6=2*3, dividend should satisfy the conditions of divisibility both for 2 and 3 |
| 8                             | Numbered formed by last three digits is divisible by 8                            |



गोंडवाना विद्यापीठ, गडचिरोलीच्या श्री. कॉम. तृतीय वर्षाच्या सहाय्या सभासाठी तसेच महाराष्ट्रातील इतर विद्यापीठात 'व्यावसायिक संदेशवहन' हा विषय अभ्यासणाऱ्या व स्पर्धा परीक्षांची तयारी करणाऱ्या विद्यार्थ्यांसाठी उपयुक्त

## व्यावसायिक संदेशवहन (Business Communication)

डॉ. हरीश टी. गजभिये  
एम.कॉम., एम.फिल., पीएच.डी.  
वाणिज्य विभागप्रमुख  
राष्ट्रसंत तुकडोजी महाविद्यालय,  
चिमूर

डॉ. प्रविण एम. चंद्रगिरीवार  
एम.कॉम., एम.फिल., पीएच.डी.  
वाणिज्य विभागप्रमुख  
भवभूती महाविद्यालय, आमगाव,  
जि. गोंदिया

ओम साई पब्लिशर्स अँड डिस्ट्रीब्युटर्स, नागपूर



SAI JYOTI PUBLICATION  
Phone : 976673503, 99239935  
email : sjp10ng@gmail.com  
Website: www.saijyoti.in

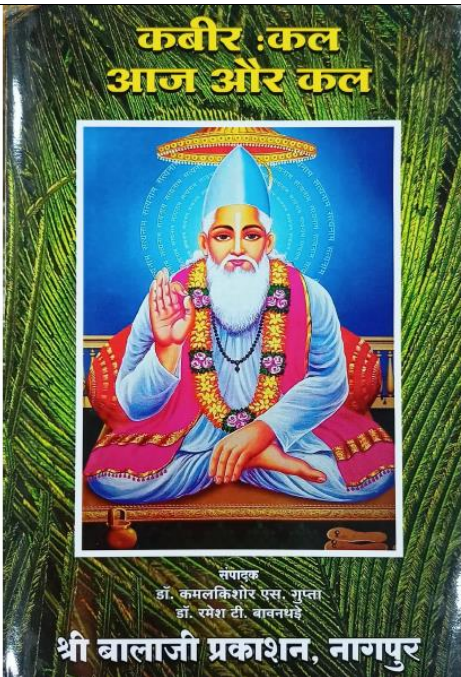
OM SAI PUBLISHERS & DISTRIBUTORS  
Mob. No. 9923693506  
E-mail : oepdnagpur@gmail.com

Available Also on Flipkart, Snapclues, Amazon

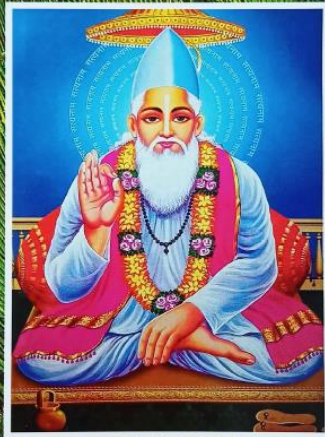


₹ 190/-

Scanned with OKEN Scanner



## कबीर कल आज और कल



संपादक  
डॉ. कमलकिशोर एस. गुप्ता  
डॉ. रमेश टी. बावनधडे

श्री बालाजी प्रकाशन, नागपुर

पुस्तक - कबीर : कल आज और कल

संपादक - डॉ. कमलकिशोर एस. गुप्ता  
डॉ. रमेश टी. बावनधडे

प्रकाशन -  
श्रीमती पद्मा गुप्ता  
श्री बालाजी प्रकाशन  
इतवारी पेठठा, नागपुर  
संपर्क नं. 8668374076

ISBN : 978-93-84855-15-4

© संपादक

प्रथम संस्करण - २०२१

मूल्य ४००/- रुपये

शब्द संयोजन :  
पवन कम्प्युटर  
हनुमान मंदिर, परदेसी तेलीपुडा, सी.ए. रोड, नागपुर

मुद्रक :  
आस्था प्रिंटर्स  
दोसर भवन चौक, नागपुर



डॉ. कमलकिशोर एस. गुप्ता

शिक्षा : एच.ए. (हिन्दी, भाषाविद्यालय, समाजशास्त्र), एच.फिन., पीएच.डी.  
सम्पत्ति : सह शाब्दात्मक शब्दावली काव्यक विन्यु महाविद्यालय, नागपुर  
पूर्व सदस्य हिन्दी अकादमी महाराष्ट्र, गोंडवाना विद्यापीठ, गडचिरोली  
सदस्य भाषा अकादमी महाराष्ट्र, विद्यालय एवं तकनीकी राष्ट्रसंत तुकडोजी  
महाराज नागपुर विश्वविद्यालय, नागपुर

- शोधविशेषक राष्ट्रसंत तुकडोजी महाराज नागपुर विश्वविद्यालय, नागपुर
- प्रकाशित पुस्तके
- 1. पर्यावरण 2. शे. कृष्णजी संवाद संग्रहित
- 3. डॉ. हरिधरराव काव्य का साहित्यिक चिंतन के विविध अंश
- 4. डॉ. श्रीराम शरण शरण की साहित्यिक साधना
- 5. विदर्भ की साहित्य साहित्यकारों के काव्य में स्त्री विमर्श।
- 6. जीवन विद्या (डी. कॉम. द्वितीय वर्ष)
- 7. शंकराचार्य के मातृक : एक और द्रोणाचार्य का अनुसंधान
- 8. नोयी समाज : संस्कृति व नीती
- 9. रामी नगण्डी की कवनी का समीक्षात्मक अध्ययन
- 10. वर्तमान परिदृश्य में संत साहित्य की प्रासंगिकता
- 11. भारतीय संत साहित्य में जीवन मूल्य
- 12. हिन्दी साहित्य : चिंतन के विविध अंश
- 40 से अधिक शोध पत्र प्रकाशित
- 50 से अधिक हिन्दी एम्प हिन्दी साहित्य की मार्गदर्शिकाओं का लेखन कार्य
- यू.जी.सी. द्वारा अनुदानित तनु शोध परिचयना

विषय - विदर्भ के महिला साहित्यकारों के काव्य में स्त्री विमर्श।  
सम्मान पुरस्कार  
देश की 30 से अधिक विभिन्न साहित्यिक - सामाजिक संस्था द्वारा सम्मानित।



डॉ. रमेश टी. बावनधडे

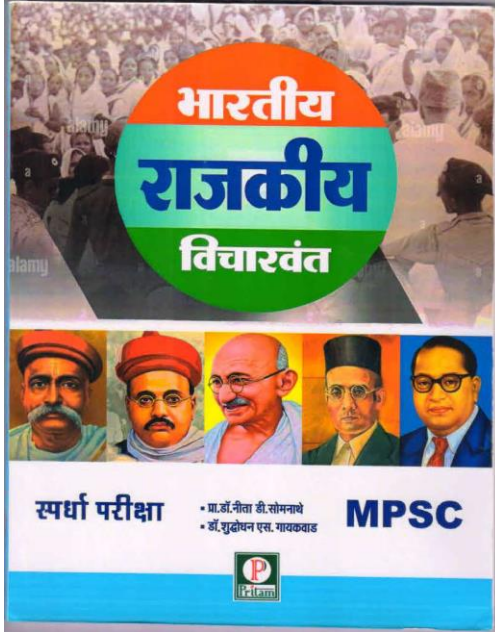
शिक्षा : एच.ए. (हिन्दी, इतिहास, समाजशास्त्र), एच.फिन., पीएच.डी.  
सम्पत्ति : सहायक प्राध्यापक (हिन्दी विभाग प्रमुख) भवभूती महाविद्यालय,  
आमगाव, जि. गोंदिया, महाराष्ट्र - 441902  
• 28 से अधिक राष्ट्रीय, अंतरराष्ट्रीय शोध पत्रों का प्रकाशन  
• यू.जी.सी. द्वारा अनुदानित तनु शोध परिचयना  
• अजीवनसदस्य - इंदरनाथी मित्र चरित्र, नई दिल्ली  
पुस्तक क्रमांक : 7720933186, 9423114296

ISBN : 978-93-84855-15-4



₹ 400/-

श्री बालाजी प्रकाशन, नागपुर



**भारतीय राजकीय विचारवंत**

**स्पर्धा परीक्षा**

• प्रा.डॉ. नीता डी. सोमनाथे  
• डॉ. युद्धोजय एच. गावकवाड

**MPSC**

**Pritam**

राजकीय राजकीय विचारवंत -  
प्रा. डॉ. नीता दिवीरराव सोमनाथे,  
प्रा. डॉ. युद्धोजय एच. गावकवाड

© सर्व हक्क प्रकाशकालयिन

**प्रकाशक**  
श्री. वैजान्त अत्रा, पाटील  
विश्व विप्लवकेतना  
५, परमेश्वर रोड, विद्यार्थी रोड, जळगाव.  
फोन: ९८५०२२२५१.

प्रथम प्रकाशित जाणुनी - २०२२

अक्षर युद्धवरी - प्रिंटिंग पब्लिकेशन, जळगाव

किंमत रु. २१५/-

या पुस्तकातील ओळखी या प्रकाशकाच्या वेळी परराष्ट्रीय विद्यालयीय प्रकाशकालयिन प्रकाशित जाणुनी अक्षर युद्धवरी या पुस्तकातील अक्षर युद्धवरी आहे. या पुस्तकातील अक्षर युद्धवरी या पुस्तकातील अक्षर युद्धवरी आहे. या पुस्तकातील अक्षर युद्धवरी आहे. या पुस्तकातील अक्षर युद्धवरी आहे. या पुस्तकातील अक्षर युद्धवरी आहे.



**प्रा. डॉ. नीता दिवीरराव सोमनाथे** - या पुस्तकातील विषयवस्तू पोस्टग्रेजुएट अन्वयणक असून गेल्या २० वर्षांपासून या पुस्तकातील विषयवस्तू अद्ययावत व अद्ययावत करित आहेत. त्यांनी २००८ मध्ये राज्यातील आचार्य तत्वज्ञान (पीएच.डी.) पदवी प्राप्त केली. २०१२ मध्ये त्यांनी ए. यू. ए. मधून विद्यार्थीरोष पीएच.डी. पदवी प्राप्त केली. यांनी राष्ट्रीय अन्वयणक असून गेल्या २० वर्षांपासून विद्यार्थीरोष पदवी प्राप्त केली आहे. त्यांचे अनेक राष्ट्रीय व राज्यस्तरीय परिषदांमध्ये ३० पेक्षा जास्त सौध निबंध लिहिलेले व स्वरूढ केले आहेत. त्यांचे अनेक सौध निबंध परीक्षा मध्ये स्वीकारले गेले आहेत. अनेक राष्ट्रीय व राज्यस्तरीय परिषदांमध्ये त्यांनी सौध निबंध स्वरूढ केले आहेत. राजकीय, सामाजिक व नैतिकतेच्या सारखा अनेक विषयांमध्ये लिहिलेले आहेत.

**डॉ. युद्धोजय एच. गावकवाड** - हे राज्यातील विषयवस्तू अन्वयणक असून गेल्या १५ वर्षांपासून राज्यातील विषयवस्तू अद्ययावत व अद्ययावत करित आहेत. त्यांनी २००८ मध्ये राज्यातील आचार्य तत्वज्ञान (पीएच.डी.) पदवी प्राप्त केली. त्यांनी राष्ट्रीय व आंतरराष्ट्रीय अन्वयणक २५ पेक्षा जास्त सौध निबंध लिहिलेले आहेत. अनेक राष्ट्रीय व राज्यस्तरीय परिषदांमध्ये ३० पेक्षा जास्त सौध निबंध स्वरूढ केले आहेत. ते, देशांतर्गत, पुण्यवरी, मातृपुत्री इत्यादी परिषदांमध्ये अनेक सौध लिहिलेले आहेत.

**प्रिंटम पब्लिकेशन्स**  
राजकीय व राजकीय विचारवंत प्रकाशकालयिन

५, परमेश्वर रोड, विद्यार्थी रोड, जळगाव. फोन: ९८५०२२२५१.  
www.pritampublications.com

**WILD VEGETABLES AND THEIR IMPORTANCE**

**Mrs. Dhanshree Rane**  
Assistant Professor  
Head Dept. Home Economics  
Bhawabhai Mahavidyalaya Amgaon

Nature have been give birth to plants in stomach of earth. These plants have various important roles. Of which most of them are edible. Those plants are edible we use them in vegetables. Some plants are used for medicine. Some plants are very important. Due to less availability they sell in high cost. Some plants can be found everywhere and we can take benefits easily.

In present, our modern society doesn't know much knowledge about wild vegetables. The impact of modern life style appears in urban and rural area. Owing to imbalance daily routine, food habits and junk food culture, persons engulfed by diseases. If these wild vegetables use in scientific way in food, most of the diseases can cure.

In past, in rural and tribal area local wild vegetables were used to cure many ailments. Today also this knowledge is found in some societies of inaccessible areas. This knowledge should be gain to all societies. Wild vegetables are important to increase immunity. Person can be healthy if include these wild vegetables in food. Wild vegetables have many medicinal values. Also nutritional components obtained. Chemical spraying are not done because they are growing naturally.

Wild vegetables can be classified in two types

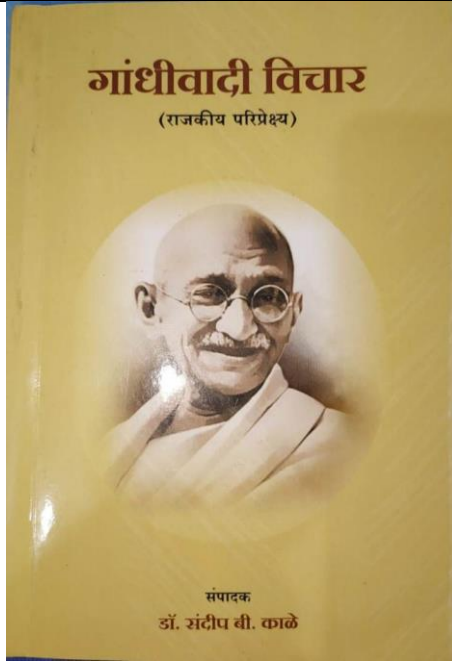
1. Medicinal plants
2. Vegetables

```

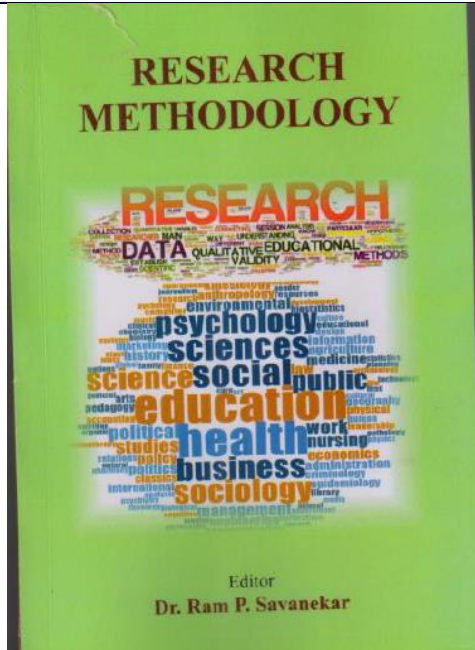
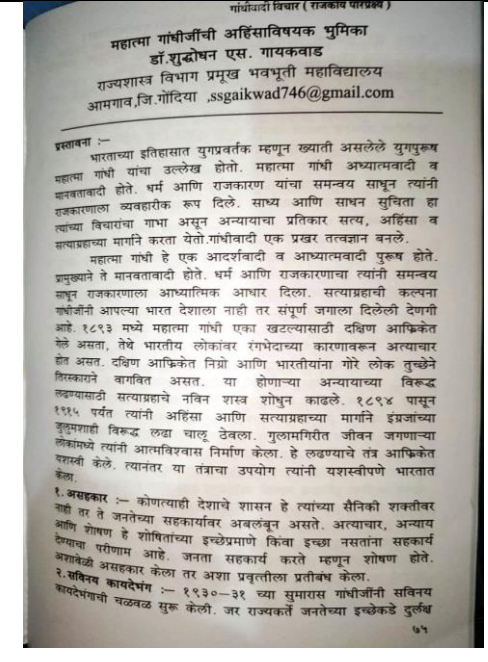
graph TD
    MP[Medicinal plants] --> MS[Stem]
    MP --> ML[leaves]
    MP --> MF[fruits]
    MP --> MR[Roots]
    
    V[Vegetables] --> VL[Leafy]
    V --> VF[fruits]
    V --> VT[tuberous root]
  
```

**1. Medicinal Plants -**  
In traditional medical systems, herbs, bark, leaves, flowers, leaf extract have important places. This medical system is continued with human culture development since ancient in India. Near about 2.5 lakh medicinal plants are found. Of which India have 45000 plant species. Till today, in forest and tribal area these plants are used.

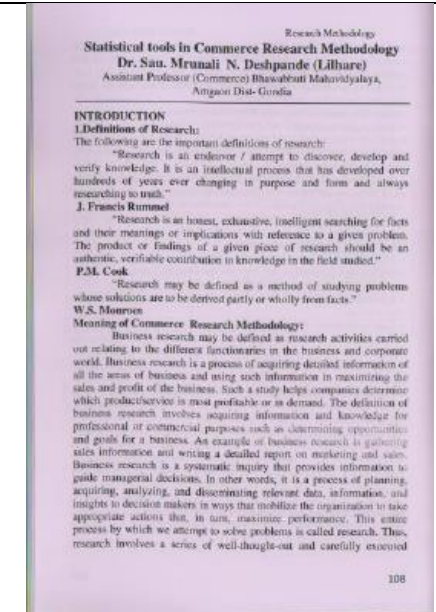
19

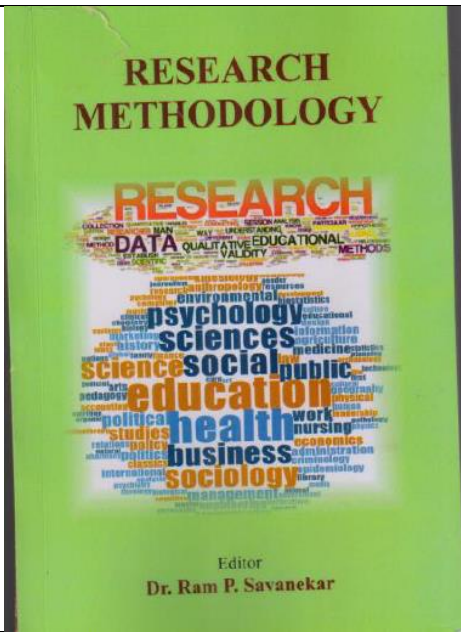


| अ. क्र. | लेख   | लेखक                               | पु.क्र. |
|---------|---|------------------------------------|---------|
| १       | गांधीवादी विचारांची प्रसंगिकता                                    | डॉ. संदीप बी. काळे                 | १       |
| २       | म. गांधीचे प्रामाणिक अर्थव्यवस्थेसंबंधीचे आर्थिक विचार : एक विवरण | प्रा. डॉ. पी. डी. हुडेकर           | ९       |
| ३       | महात्मा गांधी आणि सर्वोदय विचार                                   | प्रा. डॉ. नितीन कारभारी जाधव       | १६      |
| ४       | महात्मा गांधीचे सत्याग्रहासंबंधी विचार                            | प्रा. डॉ. लक्ष्मण फुलचंद शिराळे    | २१      |
| ५       | महात्मा गांधीचे लघु व कुटीर उद्योगा संबंधी विचार                  | डॉ. राजेश गायधनी                   | २९      |
| ६       | महात्मा गांधीचे आर्थिक विचार                                      | डॉ. लक्ष्मी रा. कांगुणे            | ३५      |
| ७       | महात्मा गांधीचे ग्राम स्वराज्य व ग्रामविकासाबाबतचे विचार          | डॉ. विठ्ठल चिनमिने                 | ४२      |
| ८       | महात्मा गांधी आणि ग्रामीण विकास                                   | प्रा. डॉ. वरुणकर कुं. जाधव         | ५०      |
| ९       | म. गांधीजींचा मानवतेचा संदेश                                      | प्रा. डॉ. मुकुंदा गोपाळराव मेश्राम | ५७      |
| १०      | गांधीवादी विचार   | डॉ. कृष्णा सोलंकी                  | ६६      |
| ११      | महात्मा गांधीच्या विचारांची प्रसंगिकता                            | प्रा. डॉ. शिराचंद चोखाजी वेस्करडे  | ७०      |
| १२      | महात्मा गांधीजींची अहिंसाविषयक भूमिका                             | डॉ. शुद्धोषण एस. गायकवाड           | ७५      |
| १३      | महात्मा गांधीचे आर्थिक विचार                                      | डॉ. महेन्द्र गावंडे                | ८२      |

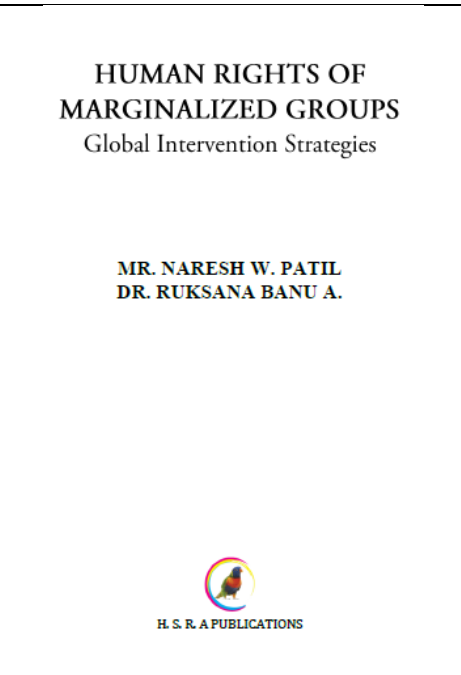
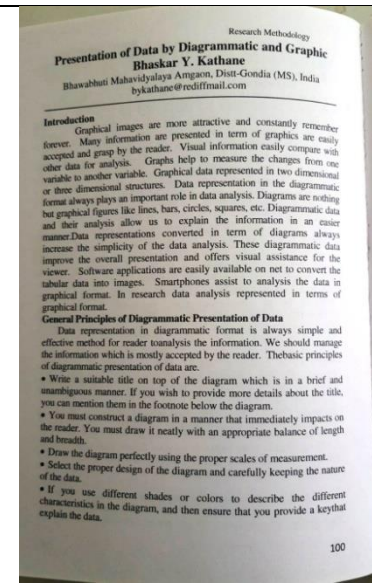


|    |   |     |
|----|---|-----|
| 14 | Research Methodology for Research in English: Nature and Process<br>Dr. Vaishali Meshram / Dr. Sameer Naim                    | 82  |
| 15 | Research Methodology- Origin, Development and Scientific methods of research<br>Dr. Vaishali S. Panchwate ( Tinkhede )        | 90  |
| 16 | Advantages and Disadvantages of Qualitative and Quantitative Research Methods in Political Science<br>Dr. Atul Hananant Kadam | 96  |
| 17 | Presentation of Data by Diagrammatic and Graphic<br>Bhaskar Y. Kathane  | 100 |
| 18 | Statistical tools in Commerce Research Methodology<br>Dr. Sau. Mrunali N. Deshpande (Lihare)                                  | 108 |
| 19 | Experimental Research and Design<br>Dr. Aarti S. Pawar  | 119 |
| 20 | The Hypothesis<br>Rabindra kumar Mishra   | 124 |
| 21 | Standards for Quality Research in All Areas<br>Prof. Miss Nehal Anil Pradhan  | 129 |
| 22 | Social Survey: Concepts & Process<br>Miss. Nilam Naidu / Miss. Sheetal Suresh Sukate  | 133 |
| 23 | Research Design Nature and figure<br>Jagannath Pandurang Bauchakar / Jayashree Prakash Dhurnal                                | 140 |
| 24 | Social Survey: Concept and Process<br>Siddharth B. Temburne   | 148 |
| 25 | Research is the Base of Sustainability and Development of Higher Education<br>Dr. Swati D. Yeotkar / Dr. Vijay G. Manwatkar   | 152 |
| 26 | The Nature of Academic Research<br>Mr. Suresh Laxman Shahapure  | 156 |
| 27 | Research Methodology Chapter : Sampling Technique<br>Dr. Indira A. Budhe  | 160 |





|    |  |     |
|----|--|-----|
| 14 | Research Methodology for Research in English: Nature and Process<br><b>Dr. Vaishali Meshram / Dr. Sameer Naim</b>                    | 82  |
| 15 | Research Methodology- Origin, Development and Scientific methods of research<br><b>Dr. Vaishali S. Panchwate ( Tinkhede )</b>        | 90  |
| 16 | Advantages and Disadvantages of Qualitative and Quantitative Research Methods in Political Science<br><b>Dr. Atul Hanamant Kadam</b> | 96  |
| 17 | Presentation of Data by Diagrammatic and Graphic<br><b>Bhaskar Y. Kathane</b>  | 100 |
| 18 | Statistical tools in Commerce Research Methodology<br><b>Dr. Sau. Mrunali N. Deshpande (Lilhare)</b>                                 | 108 |
| 19 | Experimental Research and Design<br><b>Dr. Aarti S. Pawar</b>  | 119 |
| 20 | The Hypothesis<br><b>Rabindra kumar Mishra</b>   | 124 |
| 21 | Standards for Quality Research in All Areas<br><b>Prof. Miss Nehal Anil Pradhan</b>  | 129 |
| 22 | Social Survey: Concepts & Process<br><b>Miss. Nilam Naidu / Miss. Sheetal Suresh Sakate</b>  | 133 |
| 23 | Research Design Nature and figure<br><b>Jaganath Pandurang Bauchakar / Jayashree Prakash Dhimal</b>                                  | 140 |
| 24 | Social Survey: Concept and Process<br><b>Siddharth B. Tembhurne</b>  | 148 |
| 25 | Research is the Base of Sustainability and Development of Higher Education<br><b>Dr. Swati D. Yeotkar/ Dr. Vijay G. Manwatkar</b>    | 152 |
| 26 | The Nature of Academic Research<br><b>Mr. Suresh Laxman Shahapure</b>  | 156 |
| 27 | Research Methodology Chapter : Sampling Technique<br><b>Dr. Indira A. Budhe</b>  | 160 |



|    |  |   |     |
|----|--|---|-----|
| 38 | Technological problems and Rights of ageing people   | Bhaskar Y. Kathane                                  | 183 |
| 39 | Human Rights and Women   | Dr. Nilima Arvind More                              | 188 |
| 40 | Recognition of Human Rights among Children in India— A Parview                                     | Dr. P. Charles Christopher Raj                      | 193 |
| 41 | Challenges of Child Labors in Eateries of Eastern Vidarbha   | Dr. Payal Chamatkar                                 | 199 |
| 42 | Human Rights and UNO   | Dr. Sushila Sharma                                  | 205 |
| 43 | Women's Property and Inheritance Rights  | Shrikant Muchandi                                   | 211 |
| 44 | Human Rights and Constitution of India   | Prof. Y. S. Balavantsing v Dr. Sumita Bhoskar       | 216 |
| 45 | Protection of Domestic Workers in India: Problems and Perspectives                                 | P. Satbeesh<br>Dr. P. R. L. Rajavankatesan          | 221 |
| 46 | Human Rights and Indigenous People in India  | Dr. G. Sheela Edward                                | 225 |
| 47 | Human Rights & Sustainable Development Goal No.5- Gender Equality                                  | Dr. Sharmila Ramteke                                | 229 |
| 48 | The Great Climate Migration and the Human Causality- Climate Change, Displacement and Human Rights | Dr. P. Narendra Reddy                               | 235 |
| 49 | The Impact of COVID-19 Pandemic on Human Rights in throughout                                      | Fr. Baiju Thomas                                    | 240 |
| 50 | Evolution of Human Rights  | Trupta Deoras Wakde                                 | 245 |
| 51 | Participative Water Management: Safeguarding the Basic Human Right                                 | Dr. Purnajyoti Brahman: Dr. Supriya Madgal Brahman. | 251 |
| 52 | Right to Development and Environment Protection  | Ms. Sainpa S. Jibbenkar                             | 257 |
| 53 | Human Rights and Literature  | Dr. Gupreet Kour                                    | 262 |
| 54 | Human Trafficking in Indian Society: A Sign of Silent Brutality                                    | Sudhanshu Sekhar Datta                              | 266 |
| 55 | Human Rights Concerns for the Older People   | Dr. Priyanka K. Ambade-Ukey                         | 270 |
| 56 | Child Labour and Human Rights  | Dr. Rajni Tiwari                                    | 275 |
| 57 | Right to Privacy: Human Right Protection- A Judicial activism in Indian legal Perspective          | Dr. Gajanan S. Mehkarkar                            | 280 |
| 58 | Human Rights of Women and  | Mrs. Janki Devi                                     | 284 |

ISBN : 978-93-5506-230-7

### Technological problems and Rights of ageing people

✦ Bhaskar Y. Kathane  
*Assistant Professor in Computer Science*  
Bhawabhai Mahavidyalaya Amgaon, Dist-Gondia (MS), India

**Introduction**

The ageing people population in India is one of the fastest-growing populations in the world. At present India is the second-largest global population of ageing citizens. It is projected that the present number will further increase by 2050. India lacks the basic infrastructure like medical facilities, economical structure and technological support for the ageing people. According to various surveys across the country, most Indian senior citizens suffered Healthcare costs, lack of financial support and confidentiality. This age gradually decrease the physical and mental capacity. Few senior citizens are eligible for the pension and most of the ageing people are dependent to their child and other people. These ageing people are more suffered from the financial support and drastically changed technology. Now a day the entire world is on our palm i.e. on Smartphone. It is possible to find the information from Google. Ageing people were difficult to access the internet on Smartphone due to loss of memory, slow down the physical sense or physical fitness. Ageing people are ready to learn the WhatsApp and other technology from their child to update with current scenario.

We should take the responsibility of our seniors. New generation who neglects its elders responsibility become a crime. In our life cycle ageing is a natural process and it occurs for every human. A person is ageing his physical, mental as well as economic perceptions changes him from an independent to a dependent person. Here the importance of providing certain rights to such elders of our society. A right to be enforced in favour of the seniors of the society and it is a mandatory and moral duty of every person to look after their parents. The Indian government provides different concession, financial assistance for ageing people. There are various public or private sectors of the society which providing aids for them. Our country has many laws and enactments which play a very important role in protecting the rights of senior citizens.

**Lack of Financial Support**

In India there is little public or private financial support for the ageing people. Various researches show that the majority of the Indians are fine on their working lives who are few of them are eligible for the pension and most of the

183 | HUMAN RIGHTS OF MARGINALIZED GROUPS