International Multidisciplinary Conference

On

“Recent Trends in Library, Science & Technology, Humanities and Commerce & Management”

(IMC-RTLSTHCM)

Organized By

Maharana Pratapsinh Shikshan Sanstha Mumbai’s

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi

District- Sindhudurg

On

Friday, 21st December, 2018
SOUVENIR

Of

International Multidisciplinary Conference

On

“Recent Trends in Library, Science & Technology, Humanities and Commerce and Management”

(IMC-RTLSTHCM)

Organized

By

Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi, District- Sindhudurg

Editor

Hon. Prin. Dr. C. S. Kakade
ARACS College, Vaibhavwadi, Dist- Sindhudurg

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## Patrons

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<tr>
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<tr>
<td>Shri. Vishwanath Raorane</td>
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<tr>
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## Organizing Committee

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<td>Chief Organizer-IMC-RTLSTHCM</td>
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<td>Mrs. V. C. Kakade</td>
<td>Convener-IMC-RTLSTHCM</td>
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<tr>
<td>Dr. V. A. Paithane</td>
<td>Co-Convener-IMC-RTLSTHCM</td>
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<tr>
<td>Mr. M. I. Kumbhar</td>
<td>Co-Convener-IMC-RTLSTHCM</td>
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<tr>
<td>Mr. D. M. Sirsat</td>
<td>Joint Secretary-IMC-RTLSTHCM</td>
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<td>Treasurer-IMC-RTLSTHCM</td>
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## Local Organizing Committee

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<td>Mr. S. C. Rade</td>
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<td>Mr. R. B. Patil</td>
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<td>Dr. M. A. Chougule</td>
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<td>Mr. K. S. Pakhare</td>
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<td>Mr. S. R. Kamble</td>
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<td>Mr. S. M. Karape</td>
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<td>Mr. R. A. Bhosale</td>
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<td>Mr. S. N. Sankeshwari</td>
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MESSAGE

My heartfelt wishes on the International Conference of Anandibai Raorane College of Science, Commerce & Arts, Vaibhavwadi.

It is my firm belief that education goes way beyond rote learning, memorising of facts and marks. It is in the grooming of the child’s exemplary personality that truly reflects the achievements of the Alma Mater. Your esteemed institution has been addressing the needs of the students that go beyond that of books and I have faith that this tradition will continue for years to come.

Once again, best of luck in all future endeavours.

Thank You.

Yours,

(Vinod Tawde)
MESSAGE

I am happy to know that Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Dist. Sindhudurg is organizing International Multidisciplinary Conference on "Recent Trends in Library, Sciences & Technology, Humanities and Commerce & Management" on 21st December, 2018.

I congratulate the Principal for organizing the Conference on this important topic. I am sure that the Conference will provide a meaningful platform for the young researchers, academicians to present their views and the participants will richly benefit from it.

I wish the International Multidisciplinary Conference a grand success.

Kolhapur
Date: 18 DEC 2018

(Prof. (Dr.) D.T. Shirke)
Pro-Vice-Chancellor
From the Principal’s Desk

Dr. C. S. Kakade

Principal, Anandibai Raorane Arts, Commerce and Science College, Vaibavwadi

The International Multidisciplinary Conference on “Recent Trends in Library, Sciences & Technology, Humanities and Commerce & Management” to be held on 21st December 2018 brings us back to where we started that is the focus on research activities. This is the first International Conference that AnandibaiRaorane Arts, Commerce and Science College is organizing. First, I would like to express my gratitude to the President of MaharanaPratapsinhShikshanSanstha, Mumbai, Hon. VinodjiTawde and all members of executive committee for supporting our college through thick and thin; and always having the confidence in us. I would also, like to congratulate the convener, Ms. V. C. Kakade and her team for undertaking the organizational responsibilities and bringing out a souvenir reflecting the multifaceted aspects of the conference. I am delighted to release the souvenir of the conference in the auspicious presence of the scholars, Dr. Deepak Dubal, Research Impact (Beacon Fellow), Prof. D. T. Shirke, Pro-Vice-Chancellor of Shivaji University, Dr. Sushilkumar Jadhav, Asst. Professor, Dept. of Nanoscience and Biotechnology, Sivaji University, Kolhapur and Dr. Ajit Sonawane, Librarian, Wadia College.

Our college takes pride in hosting this conference where a galaxy of all the experts, academicians and researchers will deliberate on different topics related to the theme of the conference which is of global importance. In the context of the rapid changes that are taking place in the world, it is necessary to understand recent trends in various subjects and update our knowledge. Conferences and seminars make us understand the reality of the world and motivate us for research. The beauty of interdisciplinary and multidisciplinary conferences lie in the beautiful kaleidoscopic patterns of knowledge. The aim of today’s conference is to bring the researchers and academicians of different subjects together on one platform to discuss the recent trends in their subjects. This conference is a small step in the long journey of research.

It gives me great pleasure that more than 200 researchers from 23 subjects have participated in this conference. I thank all the teaching and non-teaching members of the college and all other concerned persons who have made this conference possible. I wish it all the best hoping, sincerely, that it will prove beneficial to one and all.
Message from the Convener

Ms. V. C. Kakade

It gives me immense pleasure to welcome you all to the International Multidisciplinary Conference on “Recent Trends in Library, Sciences & Technology, Humanities and Commerce & Management” to be organized by the IQAC and the Library Committee of AnandibaiRaorane Arts, Commerce and Science College, Vaibhavwadi on 21st December 2018. This is the first international conference organized in our college. The aim is to provide a solid platform to the researchers from different disciplines to exchange their views and ideas about the recent trends in their respective subjects. The theme of the conference is of national importance in the changing scenario of the 21st century when the world is marching fast towards massive development and advancement. In this age of globalization and technology human life is changing day by day. Hence, to update our knowledge in the changing scenario is the need of the time.

It is extremely encouraging to see the response that we have received for this conference. A lot of academicians and researchers will be gathering to present their thoughts. I am sure that the deliberations in this conference will provide an opportunity to enrich our knowledge and academic collaborations, to explore new areas in various subjects in the context of India and to prepare network among fellow researchers.

I would like to put on the record that more than 220 scholars and researchers have participated to present their papers in this conference.

It is my privilege to convene this conference. There are several hands behind the organization of this conference. As the convener of the conference, I would like to express my thanks to the organizing committee, both teaching and non-teaching staff and all those who directly or indirectly encouraged and helped me for making this conference a successful event. I am especially grateful to Principal Dr. C. S. Kakade for giving me constant encouragement and guidance for successful organization of this conference. A special mention must be made of the participants whose presence made the conference memorable. It is because of such encouragement that we are driven to work hard and organize more such events in future.
About the Conference:

International Multidisciplinary Conference on Recent Trends In Library, Sciences & Technology, Humanities and Commerce & Management has been organized by IQAC and Library committee of Maharana Pratapsinh Shikshan Sanstha Mumbai’s Anandibai Raorane Arts Commerce and Science college, Vaibhavwadi. This is the first international conference organized at the college. The aim of this conference is to bring together scholars, researchers, academicians and scientists from various disciplines on a single platform for synergetic interactions. The Theme of the conference is of national importance in the changing scenario of the 21st century. Recent trends and new ideas in more than 20 disciplines will be discussed in the conference.

Schedule of the conference is carefully designed to encourage mutual inspiration and fruitful debate among researchers. Participants will be given opportunity to share their research experiences and views through oral and poster presentations.

About the College:

Maharana Pratapsinh Shikshan Sanstha Mumbai’s Anandibai Raorane Arts Commerce and Science college, Vaibhavwadi, District Sindhudurg (M.S.) India was established in the year 1992. The College is affiliated to University of Mumbai, Mumbai. The college is one of the premier colleges in Sindhudurg District. The College has secured NAAC ‘B’ grade in the Second Cycle of accreditation. The vision of the college is to provide access to higher education for students in rural and hilly area at affordable cost. The college has been rendering service for last 26 years to achieve academic excellence and welfare of the students.

Our college celebrated silver jubilee year in the academic year 2016-17. We provide a quality of education in the field of arts, commerce and science. The college runs remarkable extension activities like blood donation camp, health checkup camps, water & electricity conservations projects, save environment and woman empowerment programmes etc. through NSS and DLLE departments. The College has got remarkable achievements in sports like Judo and Wrestling. Special guidance is given to college students regarding competitive examinations and career through a Competitive exam cell

Students are motivated for research through Avishkar research Convention. Faculty of college have published a number of research papers in reputed national and international journals. 4 minor research projects have been completed and more than 10 minor research projects funded by University of Mumbai are ongoing. The college has organized national and state level conference, seminars and workshops in various subjects.
Maharana Pratapsinh Shikshan Sanstha Mumbai’s
Anandibai Raorane Arts, Commerce and Science
College, Vaibhavwadi Dist. Sindhudurg
(Affiliated to University of Mumbai)
IQAC and LIBRARY COMMITTEE
Organize

INTERNATIONAL MULTIDISCIPLINARY CONFERENCE
ON
RECENT TRENDS IN LIBRARY, SCIENCES & TECHNOLOGY, HUMANITIES AND
COMMERCE & MANAGEMENT
Friday, 21st December, 2018

INAUGURAL FUNCTION
At 10:00 AM
At the auspicious hands of the Chief Guest

Dr. Deepak Dubal
Research For Impact (Beacon Fellow), University of Adelaide, Australia.
Key-Note Address by the Guests of Honour

Prof. D. T. Shirke
Pro-Vice Chancellor, Shivaji University, Kolhapur.

&

Dr. Sushil Kumar Jadhav
Assistant Professor,
Department of Nanoscience and Biotechnology, Shivaji University, Kolhapur

In the august Presence of

Dr. Ajit Sonawane
Librarian, Wadia College of Engineering, Pune.
The Chairperson

Shri. Vishwanath Raorane
Vice President, Maharana Pratapsinh Shikshan Sanstha, Mumbai

VALEDICTORY FUNCTION
At 05:00 PM
In the Presence of

Prin. Dr. C. S. Kakade
Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi
# International Multidisciplinary Conference

**On**

**Recent Trends in Library, Sciences & Technology, Humanities and Commerce & Management**

## PROGRAMME SCHEDULE

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<td>College Corridor</td>
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<td>10:00 - 11:00 AM</td>
<td><strong>INAUGURAL FUNCTION</strong></td>
<td>Conference Hall</td>
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<td>1. Welcome Song &amp; Mumbai University Song: by Students of the College</td>
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<td>2. Lighting of the Lamp</td>
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<td>3. Floral Welcome and felicitation of the Dignitaries</td>
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<td>4. Welcome Address: Prin. Dr. C. S. Kakade</td>
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<td>5. Release of Souvenir and Journal of the Conference</td>
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<td>6. Inaugural Address: Dr. Deepak Dubal, Research For Impact (Beacon Fellow), University of Adelaide, Australia.</td>
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<td>11:00 -11:40 AM</td>
<td><strong>Key Note Address:</strong> Prof. D. T. Shirke, Pro-Vice Chancellor, Shivaji University, Kolhapur. Topic: “Changing Scenario in Higher Education”</td>
<td>Conference Hall</td>
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<td><strong>Topic:- “Nano-Materials for Sustainable Energy Storage Technology”</strong></td>
<td>Chair: Prin. Dr. Dilip Bharmal</td>
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<td>12:20 -01:00 PM</td>
<td><strong>Plenary Session – II</strong></td>
<td>Dr. Ajit Sonawane</td>
<td>Conference Hall</td>
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<td><strong>Librarian, Wadia College of Engineering, Pune.</strong></td>
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<td><strong>Chair: Dr. Vrushali Khilari</strong></td>
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<td>01:00 -02:00 PM</td>
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<td>Oral Presentations (Library)</td>
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<td>Oral Presentations (English Literature)</td>
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<td>04:45 -05:30 PM</td>
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A PRELIMINARY OUTCOME REPORTS FROM FLORA OF SOUTH ANDAMAN ISLANDS, INDIA.

Dr. Mudavath Chennakesavulu Naik and Dr. Lal Ji Singh
Botanical Survey of India, Andaman and Nicobar Regional Centre,
Port Blair-744102, Andaman & Nicobar Islands, India.
Corresponding Author: chenna.lilly@gmail.com

Abstract:- The present paper deals with Additions to flora of South Andaman Islands, located about 1200 km from the main land. South Andaman Islands with a geographical area of 2890 Km² lie between 10°30' to 12°14' N and 92°30' to 93°41' E. This area is recognized with an official administrative boundary designated as South Andaman district covering 3 thessils: Different types of forests met with south Andaman Islands are: Andaman tropical evergreen forest, Southern hilltop tropical evergreen forest, Andaman semi-evergreen forest, Andaman moist deciduous forest, Littoral forest, Mangrove forest, and scrub. Andaman and Nicobar Islands have 7 national parks and 93 wildlife sanctuaries, of which only three national parks: viz. Mount Harriet National Park, Mahatma Gandhi Marine National Park and South Sentinel National Park are located in south Andaman Islands.

Nutritious food: Karandya and Khondghi
Rajaram G.Chugale
Br.Balasaheb Khardekar College,Vengurla,
Email: adiomvandanarajaram@gmail.com

Abstract:- The phenolic compounds i.e. flavonoid components contained in certain foods have potential health benefits. Some edible tuber species have beneficial effect of consumption on human health. The Karandya (Air Yam) and Khondghi (Lesser Yam) tubers extract was performed for natural minerals (elements such as Copper, Magnesium, Zinc, Iron, Lead etc.), Sulphate, Free glucose, Carbohydrates, Proteins and Acidity, Conductance, pH, E.M.F. and O.D. etc. These contents and parameters in the two stem and root tubers were correlated.
Keywords:- Antioxidants, Natural minerals, Tuber consumption and health benefits.
Microwave Assisted Synthesis: Revolution in Synthetic Chemistry

Vikas V. Borgaonkar\textsuperscript{a}, Sanjay R. Pawar\textsuperscript{a},
\textsuperscript{a}Department of Chemistry, Shri. Siddheshwar Mahavidyalaya, Majalgaon-431131, MS, India
\textsuperscript{b}Department of Chemistry, Smt. C. H. M. College, Ulhasnagar, Thane-421003, MS, India
Email: vikas.borgaonkar@rediffmail.com

Abstract:- The green chemical synthesis segment is emerging as one of the highest priorities in research community. The microwave (MW) induced techniques have proven to be good alternative over traditional methods which make use of hazardous chemical and tedious work up procedures. The reactions carried out by microwave (MW) induced techniques have various advantages compared to that of using conventional heating methods. In last two decades there is a dramatic surge in the methodologies using microwave (MW) induced techniques as an energy source to promote chemical conversions. Many organic transformations which require several hours or even days to complete are successfully completed in few minutes by using microwave (MW) induced techniques. Microwave assisted synthesis have advantages of providing ecofriendly conditions such as quick reaction time, operational simplicity, enhanced yields of products.

In the light of mentioned observations and other literature evidences an attempt has been made to summarize the significance of microwave technique and its use in various chemical transformations.

Physicochemical Analysis of Pond Water of Ranmasle village, in Solapur District, Maharashtra, India

Ashok T. Kadam\textsuperscript{a}, Rajesh J. Bopalkar\textsuperscript{a}, Sameer B. Patil\textsuperscript{b}
\textsuperscript{a}Department of Chemistry, Yeshwantrao Chavan Mahavidyalaya, Tuljapur, Dist-Osmanabad-413 601, Maharashtra, INDIA
\textsuperscript{b}Department of Fishery Science, Arts, Science and Commerce College, Naldurg, Tq- Tuljapur, Dist-Osmanabad-413 602, Maharashtra, INDIA
Corresponding Author: sameerpatil2009@gmail.com

Abstract:- Quality of water is an important criterion for evaluating the suitability of water for irrigation and drinking. This paper deals with the study of physico-chemical parameters of pond water of Ranmasle village and was carried out by collecting sample in July 2018. The results were compared with standards prescribed by WHO and ISI 10500-91. Total 17 parameters were analysed. It was found that the pond water was contaminated and unfit for drinking purpose.

Keywords:- Pond Water, physicochemical parameters, WHO, ISI 10500-91.
Covalently anchored sulfamic acid on cellulose as a heterogeneous solid acid catalyst for the synthesis of structurally symmetrical and unsymmetrical 1,4-dihydropyridine derivatives

Shrikrishna Karhale
Department of Chemistry, Abasaheb Marathe Arts & New Commerce, Science College, Rajapur, Dist: Ratnagiri-416702, Maharashtra, India
E-mail: sskarhale80@gmail.com

Abstract:- A novel heterogeneous solid acid catalyst has been prepared by covalent grafting of chlorosulphonic acid on the aminofunctionalized cellulose (Cell-Pr-NHSO$_3$H). The structure of obtained catalyst was assessed by FT-IR, Solid state CP/MAS $^{13}$C-NMR spectroscopy, field emission scanning electron microscopy (FE-SEM), EDAX, thermogravimetric analysis (TGA) and elemental analysis. The catalytic performance of heterogeneous acid catalyst has been studied for the synthesis of structurally symmetrical and unsymmetrical 1,4-dihydropyridines (1,4-DHPs). High conversion, shorter reaction time, cleaner reaction profile, environmentally benign solvent, simple experimental and work-up procedure, and reusability of catalyst are the striking features of our synthetic route.

Graphical Abstract:

Keywords:- Cellulose, Solid Acid Catalyst, 1,4-DHP, Green Protocol.
Synergistic Effect of Agrochemicals on Development of Streptocycline Resistance in _Xanthomonas axonopodis_.

V.B.Chopade¹, S.D.Shaikh² and S. S. Kamble³

1. Rajarshi Chhatrapati Shahu College, Kolhapur,
2. Department of Botany, Abasaheb Marathe Arts and New Commerce, Science College, Rajapur
3. Mycology and Plant Pathology Research Laboratory, Department of Botany, Shivaji University, Kolhapur. 416004.

Email- ranichopade26@gmail.com

Abstract:- Maharashtra is the leading producer of Pomegranate in the country and accounts for 66.2% of the total production of pomegranate in the country. Pomegranate plant having various economic important but it get infected due to the various fungal and bacterial diseases. Large scale infestation of Bacterial Blight disease caused due to _Xanthomonas axonopodis _pv. _Punicae_ has resulted in considerable damage to the crop from 2006-07. The studies on the effect of streptocycline with different agrochemicals will help in the management of the disease.

Keywords:- Pomegranate, Bacterial Blight, _Xanthomonas axonopodis_

“Studies on the Genus _Ophioglossum_ L. from Devchand college, Arjunnagar campus, Kolhapur, India”

A. P. Patil (1*), S. S. Amate(1), P. D. Shirgave and S. B. Patil(1)
Assistant Professor, Yashawantrao Chavan Warana Mahavidyalaya, Warananagar. Maharashtra, India.
Assistant Professor, Devchand College Arjunnagar, Nippani. Maharashtra, India.
Assistant Professor, Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi, Maharashtra.
Email: anantauranal@gmail.com

Abstract:- The Genus _Ophioglossum_ L. is revised for Devchand college, Arjun-nagar and there were reported six species viz. _Ophioglossum polyphyllum_ A. Braun ex Seubert., _Ophioglossum costatum_ R. Br., _O. gramineum_ Willd., _O. parvifolium_ Grev. & Hook., _O. nudicaule_ L. and _O._ species (unknown), from different parts of the campus. Amongst these, _O._ species (unidentified), _Ophioglossum polyphyllum_ A. Braun ex Seubert. and _O. nudicaule_ L were observed as very rare while other three species shows moderate population in campus and this result is documented

Keywords:- Ophioglossum L., Taxonomy, eusporangiate, Devchand college, Arjun-nagar, Nippani, Maharashtra.
Iterative technique for Riemann-Liouville fractional differential equation with Periodic Boundary value problem

Sheetal R. Gawali, Narsing B. Jadhav, Dnyanoba B. Dhaigude, Ramkrishna M. Dhaigude

Department of Mathematics, Govt. Vidarbha Institute of Science & Humanities, Amravati.
Department of Mathematics, Yeshwantrao Chavan Mahavidyalaya, Tuljapur, Dist Osmanabad.
Department of Mathematics, Dr. B. A. M. University, Aurangabad.
Address for Correspondence: rmdhaigude@gmail.com

Abstract: Monotone method for nonlinear Periodic Boundary value problem is developed by introducing the notation of coupled upper and lower solution to obtain existence and uniqueness solution of the problem. Consider the non-linear Periodic Boundary value problem obtained existence and uniqueness solution when non-linear function on RHS is considered as sum of non-decreasing and non-increasing functions.

Keywords: Periodic Boundary value problem, Riemann-Liouville fractional differential equation, Iterative technique.

EFFECT OF BARK EXTRACTS OF MANGROVE ON SEED GERMINATION OF AMARANTHUS PANICULATUS AND ORYZA SATIVA VARIETIES.

P. S. Powar and D. K. Gaikwad.
Department of Botany, Shivaji University, Kolhapur. 416004. MS India.
Rajarshi chhatrapati Shahu College, Kolhapur. 416410. MS India.
Email: pratishthanagane13@gmail.com

Abstract: The present study evaluates the biotonic potential of aqueous extract of mangrove bark of Avicennia officinalis L. (stem), Rhizophora mucronata Poir (proproot and stem) and Sonneratia alba J. Smith (stem) on seed germination of Amaranthus panniculatus and Oryza sativa varieties Ratnagiri-1, Ratnagiri-24 and Ratnagiri-711. The lower concentration of barks stimulated the seed germination, seedling growth and vigour index. The phytochemical bioactive compounds present in the mangrove bark will prove beneficial for formulation of chemical free botanicals.

Keywords: Amaranthus, bark, mangrove, Oryza sativa.
MUTAGENIC EFFECT OF HYDRAZINE HYDRATE ON SEED GERMINATION AND SEEDLING GROWTH OF NIGELLA SATIVA L.

KIRTANE SUSHAMA A.
Yashwantrao Chavan College of Science, Karad, Dist.- Satara (MS)-415124

Abstract:- The present investigation was carried out to study the effect of chemical mutagen-hydrazine hydrate on the seed germination, seedling growth, vigor index and response index of Nigella sativa L. The 12hrs presoaked seeds of Nigella sativa L. were treated with different concentrations (0.01%, 0.02%, 0.03%, 0.04% and 0.05%) of Hydrazine hydrate for 5hrs.

The results obtained revealed that, the effect of chemical mutagen was dose dependent. Concerning about seedling growth, lower concentrations of Hydrazine hydrate were stimulatory while the higher concentrations showed inhibitory effects. The seedling growth was 5.52cm, 6.18cm and 7.44cm for 0.01%, 0.02% and 0.03% hydrazine hydrate respectively. The Vigor index was also increased while response index was positive due to lower concentrations of Hydrazine hydrate. An overall result obtained indicates that the lower concentrations can be used in mutation breeding programme of Nigella sativa L.

Keywords:- Mutagenic effect, Hydrazine hydrate, seed germination and seedling growth.

MORPHOLOGICAL VARIATION IN TWO SPECIES OF OPHIOGLOSSUM FROM RATNAGIRI AND SINDHUDURG DISTRICTS OF MAHARASHTRA (INDIA)

S. D. SHAIKH1*, N. A. MADHAV2,
*Head, Department of Botany, Abasaheb Marathe Arts & New Commerce, Science College, Rajapur. Dist: Ratnagiri (MS-INDIA)
Corresponding author email: 1lakish786@gmail.com, 2nileshmadhay@gmail.com

Abstract:- The genus Ophioglossum is one of the earliest vascular plants known still living today and possessing more than one species occurring in various parts of globe and the genus is known for its high number of chromosomes. In the present investigation among the genus two of them viz. O. costatum R. Br and O. gramineum willd occurs wild in different parts of study area and a few samples of this species have been studied morphologically and found considerable differences between them.

Keywords:- Ophioglossum, Morphology, variations, Northern western Ghats.
Zooplankton diversity of Kasari freshwater tank, Tal. Shahuwadi, Dist. Kolhapur (MS) India.
*A.R. Dighe, **S.P. Patil
*Anandibai Raorane Arts Commerce and Science college Vaibhavwadi. Dist. Sindhudurg. (ajitdighe19@gmail.com)
**Shri Jagdish Prasad Jhabarmal Tiberewala University, Dist. Jhunjhunu. Rajasthan. Email-icctsdhcodoli@gmail.com

Abstract:- Zooplanktons has important role in aquatic ecosystem as it is first consumer of aquatic food web. The present investigation is to study zooplankton diversity of Kasari freshwater tank, Tal. Shahuwadi, Dist. Kolhapur (MS) India. The study was carried out during year 2017-18. The present study work recorded total 15 species of zooplankton from five different groups including Rotifera, Cladocera, Copepodes, Protozoa and Ostracoda.

Keywords:- Zooplankton, Biodiversity, Aquatic ecosystem.

INTRODUCTION TO FUZZY LOGIC AND ITS APPLICATIONS IN DAILY LIFE
B. M. Bhairat¹, M. R. Gosavi², V. M. Thakare³
¹Department of Mathematics, Br. Balasaheb Khardekar College, Vengurla Dist- Sindhudurg
²Department of Mathematics, Maharashtra Mahavidyalaya, Nilanga Dist- Latur
³Department of Computer Science and Technology, Sant Gadage Baba Amravati University, Amravati.
*correspondent author Email: bmbhairat@gmail.com

Abstract:- Fuzzy Set is any set that allows its members to have different grades of membership (membership function) in the interval [0, 1]. The membership function of the combination of two fuzzy sets A and B with membership functions is defined as the maximum of the two individual membership functions. The different operations on fuzzy sets such as complement, DeMorgan’s laws, associativity, commutativity distributivity are studied in this article. Fuzzy logic is not logic that is used to describe ambiguity. With the help of different examples we can understand the concept of fuzzy logic. Fuzzy logic was suggested by Zadeh as a method for mimicking the ability of human way of thinking using a small number of rules and still producing a smooth output via a process of interruption. Rules are built up which are based upon multi-valued logic and so introduced the concept of set membership. With fuzzy logic an element may perhaps to some extent belong to a set and this is represented by the set membership.

Keywords:- Membership function, fuzzy set, fuzzy logic, multi-valued logic, fuzziness, associativity.
Isolation of Drug Resistant Bacteria from Dental Carries and Study of Effect of Different Plant Extract on It

R. N. Jadhav
Shivneri Mahavidyalaya, Shirur(A). (MS), INDIA.
Email-jadhavrn2017@gmail.com

Abstract: Dental caries is considered as a major public health problem globally due to its high prevalence & significant social impact. The WHO reports 60-90% of school children worldwide are affected by dental caries. *Streptococcus mutans* is alpha haemolytic, Gram positive, facultative anaerobic spherical shaped bacterium. It is a part of normal flora of oral cavity. It can produce acid from sugar in saliva which promotes erosion of tooth enamel. It is most common cause of dental caries. It has a polysaccharide coat (glycocalyx) that allows it to stick on teeth and also damage heart valves. In recent years, drug resistance among human pathogenic bacteria has been commonly reported throughout the world. Bacteria become resistant to antibiotic by different ways. The resistance of numerous bacterial pathogens to many antibiotics continues to increase globally. So there is a continuous demand of new drugs. In the present study antibacterial activity of *Allum sativum*, *Cinnamon zeyanicum*, *Oscimum sanctum* & *Syzium aromaticum* was studied against MDR *Streptococcus mutans* isolated from dental caries. Antibiotic susceptibility test of the clinical isolates was done by using modified Kirby-Bauer disc diffusion method in accordance with the guidelines of the clinical & laboratory standards institute. Interpretation of resistance was based on the NCCLS criteria. The antibacterial activity of aqueous plant extract was tested at different concentrations by agar well diffusion method. The most common pattern of multiple drug resistance of isolates of *S. mutans* observed was ampicillin-ciprofloxacin-amoxicillin-rifampicin-vancomycin. It was found that *A. sativum* showed highest antibacterial activity against *S. mutans* followed by *C. zeyanicum*, *S. aromaticum* & *O. sanctum*. It was also observed that antibacterial activity increases with the increase in concentration of plant extract.

Keywords: Antibacterial activity, Dental caries, Disc diffusion method, Multi- drug resistant, Plant extracts, *Streptococcus mutan.*
ANTIOXIDANT ACTIVITY AND TOTAL PHENOLIC CONTENT OF VARIOUS EXTRACTS OF BROWN ALGAE *PADINA TETRASTROMATICA* HAUCK (DICYTOTACEAE)  
NITIN M. VALANJU AND V. M. JAMDHADE  
Department of Botany, Shri. S.H. Kelkar College of Arts, Commerce and Science, Devgad - 416613  
E-mail: valanjunm.dc@gmail.com

Abstract: *Padina tetrastromatica* is widely distributed marine macro algae along the coast line of Sindhudurg, which contains several interesting bioactive constituents and possesses health promoting properties. In this study, phytochemical constituents and the antioxidant activity with the total phenolic content of different extracts (petroleum ether, benzene, chloroform, ethyl acetate, ethanol and methanol) from thallus of *Padina tetrastromatica* were assessed in an effort to find out concentration of the antioxidant potential. Phytochemicals were extracted using solvents like aqueous, ethanol and HCL. Phytochemical analysis showed positive results for the presence of flavonoids, phenolic compounds, saponins, steroids, tannins, carbohydrates and protein. The antioxidant activity was determined by 2, 2- Diphenyl-1-picrylhydrazyl (DPPH) assay and total phenolic content was estimated by using Folin-Ciocalteu's reagent. All tested extracts possessed appreciable antioxidant potential but methanol extract was significantly higher in total phenolic content and in antioxidant assay. This study validates the antioxidant potential of the *Padina tetrastromatica* and the positive relationship between total phenolic content and antioxidant activity.

Keywords:- antioxidant activity, phenolic content, brown algae, *Padina tetrastromatica*, Sindhudurg

SCREENING AND PARTIAL 16 S rRNA GENE SEQUENCING OF KERATINASE PRODUCING *Stenotrophomonas maltophilia* KARUNA5 ISOLATED FROM POULTRY WASTE  
Suresh Patil and K. Aruna*  
Department of Microbiology, Wilson College, Mumbai-07  
E mail- arunasam2000@yahoo.co.in

Abstract:- Keratinase is a protease which degrades the insoluble protein keratin that is largely found in feather waste. Fifty seven soil samples were collected from a feather and poultry waste dumping sites. All these soil samples were subjected for enrichment in Whole feather meal medium containing 1% chicken feather as a sole source of Carbon, nitrogen and energy with pH 8.0 and incubated at 30°C on shaker condition (150 rpm) for 7 days. Out of 57 flasks only 21 showed visual feather degradation. Enriched sample from each flask was isolated on skimmed
milk agar plates. Only 10 isolates demonstrated proteolytic activity by showing zone of clearance around the colony on skimmed milk agar medium. The above 10 bacterial isolates (Kar:01-12) were assayed for keratinase enzyme by growing them in Whole feather meal medium pH 8. Maximum keratinase production was demonstrated by isolate number Kar05 (41U/ml) at 30°C on shaker condition (150rpm) after 4 days of incubation. Promising isolate was identified as *Stenotrophomonas maltophilia* KARUNA5 by morphological, cultural, biochemical and 16S rRNA sequence analysis and was submitted to NCBI (Accession no: LC271188).

**Keywords:** Keratinase, *Stenotrophomonas maltophilia* KARUNA5

**Overview on the Effects of Thermal Fly ash on Human Health in Parli Vaijnath Region, Beed District. (MS) India**

Dr. V.B. Gaikwad, Dr. Ajit Dighe*
Department of Zoology, Vaidyanath College, Parli-V. Dist. Beed (MS) India.
*Department of Zoology, Anandibai Raorane ACS college, Vaibhavwadi, Sindhudurg.

**Abstract:** The present communication overview the effects of thermal fly ash on human health. Fly ash or flue ash, also known as pulverised fuel ash in the India, is a coal combustion product that is composed of the particulates that are driven out of coal-fired boilers together with the flue gases. Coal fly ash is lightweight particles captured in exhaust gas by electrostatic precipitators and bag houses of coal-fired power plants. Fly ash is very fine with cement like properties and has long been used as an additive in cement, though not without some controversy.

Energy requirements for the developing countries in particular are met from coal-based thermal power plants. The disposal of the increasing amounts of solid waste from coal-fired thermal power plants is becoming a serious concern to the environmentalists. Coal ash, 80% of which is very fine in nature and is thus known as fly ash is collected by electrostatic precipitators in stacks. In India, nearly 90 mt of fly ash is generated per annum at present and is largely responsible for environ- mental pollution. In developed countries like Germany, 80% of the fly ash generated is being utilized, whereas in India only 3% is being consumed.

Fly ash, the after-burnt tiny coal dust is a byproduct from the thermal power plants; it is non-reactive inert particle which may remain suspended in the air from few seconds to several months. Till now, the major source of power in India comes from burning of low-quality coal and the country needs more power every day.
In this situation, the evaluation of this ecologically sensitive toxic substance has been assessed in this article in terms of its origin, nature, properties, environmental distribution, impact and possible biological and non-biological significance to draw the deep attention of the environment research explorers in Parli-V. region, Maharashtra, India. This article attempts to highlight the impacts of fly ash and use of this solid waste, in order to save our environment.

**Keywords:**- Fly ash, Environmental impact, Fly ash disposal, Biological reclamation etc.

**PHYSICO-CHEMICAL PARAMETER AND ICHTHYOFAUNAL DIVERSITY OF FRESH WATER RESERVOIR MAJALGAON DAM IN MAHARASHTRA STATE, INDIA.**

Sitaram B. Ingole,
Dept. of Zoology, Shri Siddheshwar College, Majalgaon, Dist. Beed. M. S. India
Email- sbingole@yahoo.com

**Abstract:-** Majalgaon Dam was constructed on the River Sindphana which is tributary of River Godavari, in Beed District (Maharashtra, India) in 1987. Which falls 16° 16 N latitude and longitude 73° 26 E. The River Sindphana has been under constant threat of pollution by sewage and industrial wastes, disposal of dead bodies, deforestation, excessive use of fertilizers and pesticides, bathing and water development programs. The dam has a catchment area is 3840 sq. km. It is of great Importance for the region because its water is used for human and cattle consumption, It is multipurpose type like irrigation and power production (Hydro Electric Project). As a representative of these ‘Majalgaon Dam’ was selected for the limnology studies. As a representative of these ‘Majalgaon Dam’ was selected for the limnology studies.

The present study is aimed to investigate some of the important physical and chemical parameters along with the flora and fauna of the reservoir. A total of 33 species of *phytoplanktons*, 29 species of *zooplanktons* and . The reservoir is very productive. There are several types of fresh water fishes present in the dam. *Labeorohita, Cirrhinamrigal, Catlacatla, Cyprinuscarpio, Silver carp, Wallagoattu, Mystancenbelusarmatus, Notopterus chital, Barbussticto, Channastaitus, Mystusseenghala, Mystusvavassius, Eutroplussuratensis, Belonconcila, Chela, Tilapia mosambica, Rohteealfrediana, Gobiusgiuris etc.* 17 species of fishes were identified during June2014-May2015. Hence the present work is an attempt to accumulate information pertaining to various aspect of hydrobiology of standing water bodies from this part of peninsular India.
STUDIES ON PRESENT STATUS OF MARINE FISHERIES IN DEVGAD TEHSIL

Sukhada M. Jambale
Department of Zoology, S. H. Kelkar College, Devgad [Sindhudurg]
jambalesm_dc@gmail.com

Abstract:- Devgad tehsil is famous for fresh and delicious sea food. It is also well known for Alphonso mangoes. Fishing and agriculture are important occupations here. Inshore and offshore fishing practices are common in Devgad region. Fishing trends are gradually changing with advancement in mechanism of crafts, gears and preservation techniques. So as to meet the increasing demands of the population, advance technologies are used widely by common fishers, though they are not affordable on small scale. Due to increase in number of mechanized vessels and gears fish resources are being overexploited leading to gradual decline in fish catch day by day. During ban period in Maharashtra, fishers from other states encroach the fishing grounds of Devgad tehsil. Illegal and unlimited license policies are responsible for overall decline in catch of individual fisherman. Besides these, nearby market of Goa state has prohibited import of fishes from Sindhudurg district. Rise in price of diesel is another problem responsible for reducing profit margin of fishers. Even though mechanization has simplified fishing practices, to some extent it is the root cause for destruction of fish crop. Modern techniques such as fish finder, is a powerful device that can detect type of fish shoals but its adverse effect is decline in the population of economically important fish species.

Keywords:- Marine fisheries, Devgad, Present status, Mechanization.

The Effects of Temperature on the Life-Cycle of the Freshwater Snail
*Lymnaea (Radix)* in Nagapur Reservoir, Parli-Vaijnath, Dist. Beed (MS).

Dr. Gaikwad V.B.
Department of Zoology, Vaidyanath College, Parli-V. Dist. Beed. (MS)

Abstract:- The present communication deals with the effects of thermal on the life cycle and other important parameters on the snails *Lymnaea (Radix)*. It is exhibited marked variations in growth, longevity, and attaining sexual maturity at different temperatures and diets. At 10°C, irrespective of foods, pH and salinity of water, the snails had minimum life span, maximum death rate and lowest growth rate. At 15°C, In the experiment we find that the growth rate was comparatively higher and the snails survived for a few more days. But at these temperatures they failed to attain
sexual maturity. Snails exposed to pH 5 and 9 at 20°, 25°, 30°, 35°C and room temperatures (19.6°-
29.6°C); to 0.5, 1.5 and 2.5 NaCl‰ at 20° and 35°C; to 2.5 NaCl‰ at 25°C and room temperatures
failed to attain sexual maturity. The snails exposed to pH 7 and different salinity grades at 20°,
25°, 30°, 35°C and room temperatures became sexually mature between 25-93 days depending
upon the type of foods used in the culture. The present paper also shows the effect of temperature
on the growth and the life cycle of the Snail Species *Lymnaea (Radix)*

**Keywords:** Temperature, *Lymnaea (Radix)*, life-cycle parameters, food - pH – salinity, Nagapur reservoir, Parli-V.etc.

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**ETHNOBOTANY OF KOKNI TRIBE OF MAHARASHTRA**

*Sachin D Kuvar & R D Shinde*

*Department of Botany, Siddharth College, Fort, Mumbai – 400001, Maharashtra*

Department of Botany, St. Xavier’s College, Mahapalika Marg, Mumbai – 400001, Maharashtra

Email: rajendra.shinde@xaviers.edu

**Abstract:** The Kokni tribe residing in Nasik, Dhule, Thane and Nandurbar district of Maharashtra depends on plant wealth for their livelihood. The ethnobotanical study revealed that plants species belonging to different families were used by the tribal for different purposes like food, fodder, fiber, timber and medicine. These tribal use various plant species for curing different ailments. The method of preparation of crude drugs and their application along with the scientific and local names of the plant used by the tribal in the present investigation is given. The knowledge on the ethnomedicinal uses of plants by Kokni tribal can help to discover new drugs to cure various ailments provided the data given is scientifically evaluated. For many centuries, the tribal community had a traditionally self-managed system of folk medicine and primary health care mainly base on herbal remedies. People living in rural communities still depend on the knowledge of local ‘Vaidu’ or ‘Bhagat’ for primary health care. These barefoot Doctors use seasonally available local flora and fauna for healing human illness.

**Keywords:** Kokni, Tribal, Ethnomedicine, Bhagat
Benzoic acid as an organocatalyst for the transesterification of $\beta$-keto ester

V. B. Gopula,* K. S. Pakhare, D.M. Sirsat, S.M. Karape

Department of Chemistry, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Dist. Sindhudurg (MS), India, Pin code 416810

Email id: gopulavenkatesh@gmail.com

Abstract:- Benzoic acid have been proved to be efficient organocatalysts for transesterification of $\beta$-keto esters with various aromatic and hetero aromatic alcohols in toluene media, the transesterified product was obtained in moderate to high yields. Simple reaction conditions and inexpensive catalysts are important features of this method.

\[ \text{RO} \quad \text{O} \quad \text{OEt} \quad + \quad \text{R'} \quad \text{OH} \quad \xrightarrow{\text{10mol\%}} \quad \text{RO} \quad \text{O} \quad \text{OR'} \]

INTRODUCTION TO FUZZY LOGIC AND ITS APPLICATIONS IN DAILY LIFE

B. M. Bhairat#1, M. R. Gosavi2, V. M. Thakare3

1Department of Mathematics, Br. Balasaheb Khardekar College, Vengurla Dist- Sindhudurg
2Department of Mathematics, Maharashtra Mahavidyalaya, Nilanga Dist- Latur
3Department of Computer Science and Technology, Sant Gadage Baba Amravati University, Amravati.

#correspondent author Email: bmbhairat@gmail.com

Abstract:- Fuzzy Set is any set that allows its members to have different grades of membership (membership function) in the interval [0,1]. The membership function of the combination of two fuzzy sets A and B with membership functions is defined as the maximum of the two individual membership functions. The different operations on fuzzy sets such as complement, DeMorgan’s laws, associativity, commutativity distributivity are studied in this article. Fuzzy logic is not logic that is used to describe ambiguity. With the help of different examples we can understand the concept of fuzzy logic. Fuzzy logic was suggested by Zadeh as a method for mimicking the ability
of human way of thinking using a small number of rules and still producing a smooth output via a process of interruption. Rules are built up which are based upon multi-valued logic and so introduced the concept of set membership. With fuzzy logic an element may perhaps to some extent belong to a set and this is represented by the set membership.

**Keywords:** Membership function, fuzzy set, fuzzy logic, multi-valued logic, fuzziness, associativity.

**Evaluation of antifungal activities of some plant extracts against the brown leaf rust of wheat under field conditions**

Pawar Dhanaji¹ and B. J. Patil²*

¹ Dept. of Botany M. H. Shinde Mahavidyalaya Tisangi, Gaganbavada Dist- Kolhapur

Emailid- dr.dp77@rediffmail.com

**Abstract:** The effect of plant extracts on brown leaf rust, *Puccinia triticina* of wheat were studied under field condition in Kharif season 2012. Field application of plant extracts gave effective control on brown rust disease. *Azadirachta indica* Juss and *Oxalis corniculata* L were the most effective treatments gave least percent disease index of 9.74 percent was recorded in T3 followed by T4 recorded 11.47 percent respectively. Least percent disease control of 75.81 percent was recorded in T3 followed by T4 and recorded 70.57 percent. Foliar spray with all plant extracts significantly reduced the percent disease index (PDI). Application of higher concentrations of the extracts showed better disease control. All the treatments were significantly superior to untreated control. Hexaconazole (0.05%) showed complete protection against rust disease incidence in field trails.

**Keywords:** *Puccinia triticina*, wheat, brown rust disease, hexaconazole.
“Effectiveness of Co-operative Strategies in Mathematics Learning”

Dr Bharati Y. Khasnis,
BLDEA’s ISS College of Education, Vijaypur
Email: bharatimanju@ymail.com

Abstract:- Cooperative learning involves more than students working together on a lab or field project. It requires teachers to structure cooperative interdependence among the students. These structures involve five key elements which can be implemented in a variety of ways. There are also different types of cooperative groups appropriate for different situations. It refers to small, group-based instruction in which students work together to achieve a learning goal. This is utilized at virtually every school, at every grade level, around the world. There are reasons to this, which we'll cover in the Supporting Theory section, but for now just understand that it is an extremely common and effective pedagogical tool.

A Simple, Efficient and Green Protocol for Knoevenagel Condensation Reaction by Using Citrus Maxima (Pomelo) Fruit Juice

D. M. Sirsat, V. B. Gopula, M. T. Bachute

a Department of Chemistry, Anandibai Raorane Arts, Commerce & Science College, Vaibhavwadi, Dist-Sindhudurg, (416810) Maharashtra, INDIA
b Department of Chemistry, K B P Mahavidyalaya, Pandharpur, Maharashtra, INDIA

Address for Correspondence: sirsatdm999@gmail.com

Abstract: A simple, mild and environment-friendly procedure has been developed for Knoevenagel condensation between aromatic aldehydes and malononitrile in the presence of environmentally benign catalyst Citrus Maxima (Pomelo) Fruit Juice at room temperature with stirring. The products are obtained in excellent yields and are in a state of high purity.

Refences:-
TREATMENT OF SOME SKIN DISEASES USING TRADITIONAL KNOWLEDGE OF MEDICINAL PLANTS FROM THE SACRED GROVES OF RATNAGIRI DISTRICT (MS-INDIA)

Borate Pallavi P. and Meena S. Rao
P.G. Department of Botany, R. K. T. College, Ulhasnagar, Dist. Thane (M. S., INDIA)
Email- pallaviborate@rediffmail.com

Abstract  Skin is an organ providing contact with the environment and protecting the human body from unfavorable external factors. Skin diseases are numerous and frequently occurring health problems affecting all ages from the neonates to the elderly and harm in number of ways. A survey of medicinal plants of different rural and forest areas of Ratnagiri district was conducted. It was found that tribals, local inhabitants and folk practitioners are using native plant originated drug preparations for the treatment of various skin ailments. About 15 plant species belonging to different families are described along with the method of drug preparation, mode of administration, probable dosage and duration of treatment. The aim of the study is not only to prescribe herbal remedies for skin diseases in human beings but also to draw attention for the need towards detailed study on medicinal plants, which could provide novel remedies for other dreadful diseases.

Keywords: Medicinal plants, Traditional medicine, Skin diseases, Tribal’s, Folk practitioners.

STUDIES ON EFFECT OF DOMESTIC ACTIVITIES IMPACTS ON WATER QUALITY OF RIVER BORI NEAR NALDURG OSMANABAD DISTRICT MAHARASHTRA.

A. D. Babare*, S. N. Shaikh** and M. G. Babare*

ABSTRACT:- The present investigation reveals that, the effect of various human activities impact on the water quality of Bori River near to the District Osmanabad. The investigation is important to the health, hygiene; agricultural as well as industrial problems of the inhabitant are co-related to the surrounding water resources. In this investigation the monthly testing of physic-chemical parameters of surrounding water resources monthly. In this we analyzed the temperature, pH, and turbidity, T.D.S., D.O, Free CO₂, Alkalinity and Hardness. The work was carried throughout year 2017.

Keywords: domestic activities – Bori river water quality.
Testing and Confidence Intervals for Parameters of Exponentiated Exponential Distribution
Dr. C.S.KAKADE
Principal, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Dist.- Sindhudurg.
Email- cskvng@yahoo.co.in

Abstract:- Gupta et al.(1998) have introduced an Exponentiated Exponential Distribution (EE) with shape and scale parameters. In the present article likelihood ratio test for the parameters of Exponentiated Exponential Distribution is provided along with study of their performance. Asymptotic confidence intervals based on normal and lognormal distribution and bootstrap confidence intervals have been obtained. Some simulation experiments are performed to assess performance of confidence intervals. The proposed confidence intervals have been illustrated with the real life data due to Lawless (1982).

Keywords:- Exponentiated Exponential Distribution; Likelihood ratio test ; Confidence interval ; Bootstrap technique.

Scope of Internet Marketing in India
Smita Jamdhade
Research Student, School of Commerce & Management Sciences, S. R. T. M. University, Nanded

Abstract: The process of online marketing itself is vital in today’s business society. Online marketing which is considered a part of the overall ambit of electronic commerce basically means using the internet for advertising and selling products or services. Online marketing will not replace traditional forms of marketing anyway. Instead, it will both add to and subtract from today’s marketing mix. It will add more interactivity. But it will subtract costs. It will add more customer choices. But it will remove marketing’s dependence on paper. And most importantly, it will turn upside down some old notions we have held of what marketing is all about. We here discuss that search engine Marketing (SEM), E- Mail Marketing, Banner advertising, interactive Advertising Blog/Article marketing, and online marketing techniques.

This paper deals with the concept of online marketing, history of online marketing in India, scope of online marketing in India.
A Paradigm Shifting of Indian traditional economy market to emerging economy market.

Mudiraj Narendra balbhim
Research scholar, Research centre- Yeshwant College, Nanded.
Email id- bnarendramudiraj98@gmail.com

Abstract: A traditional market economy is a system that relies on customs, history, and time-honored beliefs. Tradition guides economic decisions such as production and distribution. Traditional economies depend on agriculture, fishing, hunting, gathering, or some combination of the above. They used barter instead of money. Emerging market economy is more susceptible to volatile currency swings such as those involving the us dollar. They are also vulnerable to commodities. Swings such as, those of oil or food. That’s because they don’t have enough power to influence these movements. For e.g when the united states subsidized corn ethanol production in 2008, it caused oil and food prices to sky 2008. That caused food riots in many emerging market countries.

Generic Medicines (Cost Effective Medicines): New Era in Indian Pharmaceutical Market

Sachin S. Birari
Founder & Director, Generilife Private Limited, Indira Nagar, Nashik -422009

Abstract: Medicines has become the integral part of the life, due to various ailments have been increasing across the globe. To control / treat the disease, doctors prescribes medication which may be a brand or generic. Usage of Generic Medicines in developed country has reached to the peak level on the contrary India has very low awareness & usage. Generic Medicines are very economical as compare to Branded medicines.

Keywords: Generic Medicines, Chronic Illness, Cost Effective Medicines, Awareness
Abstract: We are living in a country having co-existence of two nations “India” and “Bharat”. Both are having economic and industrial centers as well as IT hubs and trade centres. Citizens living in “India” are extremely affluent enjoying and tasting the best developments in each area of human life. On the other hand “Bharat” is known for majority of common rural masses struggling for decent subsistence. All excluded classes in “India” represent the “Bharat”. Unorganized workers occupies largest share in “Bharat”. “Indian Agriculture Enterprise” is the largest Private Enterprise in the world” belong to unorganized sector in India that provides livelihood to the majority of Indian masses. “More than 8 in 10 workers in India are employed in unorganized sector” that clearly sheds light on intensity and seriousness of crucial problems of unorganized workforce in India. During 2011-12, on usual status basis, labour force is estimated is about 47.41crore. Out of this total labour force, 82.7% (39.14 crore) labour force is engaged in unorganized sector.

In this research paper attempts have been made to review the concept of unorganized workers in India and to introduce working definition of unorganized workers and social security. Along with this, we have reviewed the social security measures introduced by the Govt. of Maharashtra concerned with Building and Other Construction Workers.

Keywords: “India” and “Bharat”, Introductory Working Definition, Unorganized Workers, Social Security Measures.
"GROWING STEPS OF BPO AND KPO: NEW HORIZONS FOR FUTURE GROWTH"
Prin. Dr. Khandu Mahadu Kotwal
Email : mhkcollegepachal@gmail.com

Abstract:- Before independence era India used foreign goods which were imposed by British people. So, our treasury become empty from that period. Dadabhai Naoroji propounded a theory of 'Money-Drain.' After independence our population become over. We have facing the problem of unemployment. The country's unemployment is estimated to have risen to 18.6 million in 2018. In percentage the unemployment rate for India is 3.5%. The educated, skilled and intellectual people in India search out the high pay jobs in the developed countries e.g. doctors, advocates, researchers, scientists are settled in America, Germany, Russia, France, Australia, Japan, Norway, Sweden, Philippines, Mexico, China etc. So the new problem create of 'Brain-Drain'. We lose quality human resource. The developed countries are getting benefits from that people by way of 'Intellectual Property Rights'(IPR's). Then, we also loose the industrial as well as economic growth.

Due to globalization the world economy become open. In globalization every country has equal opportunity in the world trade. The number of Multi –National Corporations and Transnational Corporations has been started and Joint Venture, Foreign Collaboration contracts are made among the various countries. Therefore, Business Process Outsourcing (BPO) and Knowledge Process Outsourcing (KPO) become more popular at the Worlds level. Developed countries are demanding such services from the developing and under developing countries. India is one of them a dominant country in the World.

ORIGIN AND GROWTH OF URBAN CO-OPERATIVE BANKS

Dr. Vidya M. Jirage
Assistant Professor of Commerce Government First Grade College, Khanapur.
E-mail – vidyajirage@gmail.com

Abstract:- The origin of the Urban Credit movement in India can be traced to the 19th century. The Urban Co-operative sector also referred to as Primary Co-operative Banks, it plays an important role in meeting the growing apart from financing small business. Also a large number of depositors are drawn to Urban Co-operative Banks on account of reasons such as proximity,
cultural and local affinity, and personalized services. This article deals with the study of origin, growth of Urban Co-operative Banks in India, Karnataka and Belgaum district and Structure of Co-operative Credit Institutions in India and brief eye view of Recommendations of important committees on UCBs. Further the article attempts to give a synoptic view of growth in important operational dimensions of Urban Co-operative Banks in India. This article is based on primary and secondary data. In short the main is to study the overview of urban co-operative banks.

**Keywords:** Urban Co-operative banks, structure of co-operative credit institutions in India, growth of UCB’s, origin of UCB’s in Karnataka, Origin of UCB’s in India.

**SOIL BRICKS AND THERE EFFECTS ON AGRICULTURAL PRODUCTION**

3 Ashitosh Mallikarjun Sakhare  
Dayanand College of Commerce, Latur – 413531  
E-Mail : ashitoshsakhare57@gmail.com

**ABSTRACT:**- Soil bricks require main raw material soil how to make a bricks without soil. Soil is important in agriculture for making food grains, pulses and fruits without soil production of these things are not possible. Keep away from soil consumption for making bricks. If fertile soil is available then we produce agricultural food grains, pulses fruits without soil production are impossible. If fertile soil available plentiful then food grains, pulses and fruits production is possible. Today bricks industry requires more and more soil for production purpose continuously, if soil bricks avoid soil for production of bricks then plentiful soil available for agricultural production.

**Keywords:** Gharala Gharpan Denari Mansa, Making Bricks using wastage material.
BANKING AND FINANCE: CHALLENGES IN USING MOBILE BANKING SERVICES
Dr. Babasaheb V. Mali
Dept. of Commerce, Kankavli College, Kankavli. Dist-Sindhudurg-416602

Abstract:-- With the introduction of computer technology in banking services and with the advent of ATM’s the banking services are provided across the banks. In addition to this today’s increasing trend in use of smartphones and tablet based devices, the use of mobile Banking functionality would enable customer connect across entire customer life cycle much comprehensively than before. With this scenario, current mobile banking objectives such as building relationships, reducing cost, achieving new revenue stream will transform to enable new objectives targeting higher level goals such as brand of banking organization. Emerging technology and functionalities would enable to create new ways of lead generation, prospecting as well as developing deep customer relationship and mobile banking world would achieve superior customer experience with bi-directional communications. Now customers need not necessarily visit a bank to do banking transactions, when the banks provide them with mobile banking or remote banking facility.

The Empirical Study of Consumers Cognizance & Perception Level Towards Online Marketing. (Special Reference to Jalgaon City.)
Hemangi.V.Mahajan, Miss. Madhura M. Bhope
Godavari Institute of Management & Research, Jalgaon

Email: hemangi.mahajan029@gmail.com

ABSTRACT:-- In the age of globalization online marketing is observed as one of the biggest and vital revolution. From last couple of years it is observed that number of business entities is using different strategies and technologies to have expected profit. For promoting product and services online the Entities usually use electronic device as better marketing strategies for better performance. Marketers use devising strategies to meet the call of online buyers; and to use the strategies in a proper sense Marketers need to study behaviour and Attitude of prospect in the field of online shopping to construct a proper framework and find suitable marketing strategy. This paper aims to establish an initial assessment, evaluation and understanding of the different characteristics of online Marketing. Researcher also made an attempt to Study Consumers cognizance level towards online marketing.
ABSTRACT: Though the women is considered as a Goddess Laxmi, Sarswati and Mahakali in India she is facing the discrimination in every field of her life right from birth to the end of life. It is assumed that the women are less productive and constructive than men and this thinking makes the limitations of providing opportunities for women. As the Indian society is male dominated, they are thinking that women are dependent for everything in their life. She is lacking of decision making power, risk taking ability. She is facing orthodox and traditional mentality about her decision making ability. She is considered that creativity and innovative thinking is not her domain part. In every sector she is struggling because of only that she is a women. Men are always denying the empowerment of women by leaving them to take back side after them. Gender discrimination, inequality in society causes devaluation of ethical, moral standards of women in society.

Entrepreneurship is predominantly owned by males in Indian society. Women are not ready to approach at the front side of business. Though the business is run by women, the decisions are taken by men. Gender discrimination causes the different policy framing for Government also. For the development of nation it becomes necessary to frame policies to motivate for the creative and innovative ideas for the nourishment of women entrepreneurship. Today is the era of transformation of everything. Whatever today is new tomorrow it will be old. Technological innovation also impacts the empowerment of women in entrepreneurship as they have to transform themselves and update with the current changes. The paper has given the the role of innovation in women entrepreneurship and empowerment in recent era. The research has studied the five causes to identify the need of women entrepreneur to strengthen the economic growth of the nation.

Keywords: Creativity, innovation, women empowerment, gender equality.
An Analytical Study of Income Tax Awareness among People from Rajapur Tehsil of Ratnagiri District
Dr. Bhave Atul Vijay,
Abasaheb Marathe Arts and New Commerce, Science College, Rajapur

Email:-abhave82@gmail.com

Abstract:- The paper through light on the different Income tax slabs and slab rates for the individual assesses, different findings regarding awareness about Income Tax, PAN, different heads of income, sources of information about the Income Tax and ways of filing Income Tax Return among the people from Rajapur tehsil and concrete suggestions for increasing awareness about income tax among the people.

Keywords:-Income Tax, PAN, Rajapur.

Benefits and Problems of GST in the Palghar District
Dr. Sambhaji S. Jadhav
Bhai Kishanrao Deshmukh Mahavidyalaya, Chakur, Dist.Latur (MS)

Abstract:- The GST Act was implemented on 1st July 2017. GST is an indirect tax imposed on the supply of goods and services. GST targets at abolishing the cascading effects. The study has been piloted only in the geographical boundaries of selected tehsils of the Palghar district. Wholesalers, retailers, consumers and tax consultants were interviewed about the benefits of GST enjoyed by them and the Problems of GST faced by them so as to get idea about the views of the different stakeholders about the GST.

Keywords:- GST, problems, benefits
AN ANALYTICAL STUDY OF ELECTRONIC PAYMENT SYSTEMS IN INDIA
Patharkar Somnath Manmathappa
Mahavir Nager Purna Tq. Purna Dist. Parbhani
E- Mail Id. Somnathppp9392@gmail.com

Abstract:– Electronic payment first emerged with the development of wire transfers. Electronic fund transfer is an electronic transfers of Information that equates to moving funds from one financial institution to another. Electronic payment systems are alternative cash or credit payment methods. Using various electronic Technologies to pay for products and services in electronic commerce.

Problems & Remedies of Rural Entrepreneurship in Konkan
Mengal Santosh Gangaram
Abasaheb Marathe Arts & New Commerce, Science College, Rajapur(Vikhare Gothane) Dist. Ratnagiri (M.S.)
Email- santoshmengal1986@gmail.com

Abstract:– India is the country which is way on development. About three-fourth of India's population are living in villages out of which 75% of the people are depends on agriculture and its allied activities. Limited land is insufficient to development for public. Therefore, there is a need to develop rural industries to solve rural unemployment and rural migration to cities.

Now a day’s standard of living of peoples of rural area should be increased. Development of rural entrepreneurship is one of the answers to problem of insufficient employment. Indian rural sector is no longer primitive and isolated. Therefore, entrepreneurship in the rural and tribal areas solves the unemployment and backwardness of rural economy of country. Government of India has been continuously assigning increasing importance and support for the promotion and growth of rural entrepreneurship.

Konkan region is famous for tourism because natural beauty, sea beaches, forts and other various tourism places are located in this region. Konkan region are continuously backward from employment and industrial development. Industries are not developing on large scale in konkan. Agricultural sector is not sufficient for local people. Maximum local peoples are migrated at Mumbai and other cities for employment. Rural entrepreneurship is the best opportunities for the development of Konkan region.
Systematic Transfer Plan (STP) in Mutual Fund Investments.

Dr. Disha Namdeo More
Shri Gurubuddhiswami Mahavidyalaya, Purna (Jn), Dist. Parbhani.

Abstract: STP means transferring funds from one mutual fund to another. Investors are becoming more and more wary about making lump-sum investments because of potential risks. This is why financial experts recommend Systematic Transfer Plans to mitigate risks. Now almost every investor is familiar with Systematic Investment Plan (SIP). While SIP is the transfer of funds from savings to a mutual fund plan that’s STP, STP means transferring funds from one mutual fund to another. This is a smart strategy to stagger your investment over a specific term to reduce risks and balance returns. For instance, if you invest ‘systematically’ in equities, you can earn risk-free returns even during volatile market scenarios.

Critically evaluation of Goods and Service tax
Miss manisha shivaji sawant
Kankavali College, Kankavali, Dist- Sindhudurg, Maharashtra

Abstract: The introduction of Goods and Service Tax on the 1st of July 2017 was very significant step in the field of indirect tax reform in India. The Goods and service tax system accepted by many countries in the world. By amalgamating a large number of central and state taxes in to a single tax, Goods and service tax is an indirect tax. GST is levied at every step in the Production process, but is meant to be refunded to all parties in the various stages of production other than the final consumer. Modi government the finance minister Arunjaitley introduced Goods and Services bill in the loksabha in May 2016. The tax rates rules and regulation are governed by Goods and Services tax council which consists of the Finance minister of central and all the states.
Role of Lead Bank in Financing the Small-Scale Industry in Sindhudurg district

Prakash B. Masurkar

Sant Rawool Maharaj Mahavidyalay, Kudal, Dist. Sindhudurg-416 520.
E-mail - pbmasurkar@gmail.com

ABSTRACT:- The Lead Bank is playing a major role in the development of banking and credit in the district. The bank is assigned the lead role and expected to act as the consortium lead and after identifying through survey, the areas requiring branch expansion and areas suffering from credit gap. It should take the co-operation of other banks operating in the district for opening branches as well as for meeting credit needs in the district. This research paper describes the origin, purpose of lead bank scheme in India and growth of lead bank in Maharashtra and in Sindhudurg district. This research paper helps to understand the role of lead bank in financing the small-scale industries in the district through annual credit plan. This paper is limited to target and achievement of annual credit plan of lead bank in the district. This paper is useful for the students, the teachers and the managers of educational institutions to understand the role of lead bank. It is also useful to policy makers like government for formulating favourable policy to overcome various problems of financing to the small-scale industry in the district. Research scholars can also use this paper for further research. Thus, all the stakeholders will come to know more about the role of lead bank in financing the small-scale industries.

Key words: lead bank, financing, small scale industry.

Rooftop Solar Net Metering System: The future of Household Electricity

Author: Chetan Prabhakar Khandekar

D.B.J.College, Chiplul, Dist.Ratnagiri. PIN 415605
E-mail – cpkhandekar@gmail.com

Abstract:- Electricity is basic need of any household. Electricity is normally generated by nuclear power project, Hydro power project. However in these methods there is huge investment required. Such investment is possible to government or large corporate. Even after 70 years of independence electricity has not reached in around 1,75,000 villages across India. There are lot of difficulties for generation, transmission and distribution of electricity. Solar energy can be used to generate electricity in economic way. In addition it is pollution free as well as low budget project. Even a
Family can be self sufficient in electricity generation as per their needs. So in future it is definitely possible that solar power will replace traditional form of electricity to much extent at least at household level. Government has promoted the use of solar energy by providing 30% to 50% subsidy on cost of solar unit.

M Commerce: The Users Perspective
Vaibhav Ramesh Bhalerao
Ashoka Business School, Near Suman Petrol Pump, Rane Nagar, Nashik - 422009
Email: vrbhalerao@gmail.com

Abstract: This paper extends research on mobile commerce in India. Earlier, business strategies were based on limited geographical reach and scope for the growth. But because of rapid advancements in the Internet and communications technologies geographical boundaries are diminishing. M-commerce industry is young in India. More and more Indians are using smart phones for the purpose of rapidly consuming contents such as gaming, videos, songs and entertainment on their smart devices and this leads to steady growth in mobile advertising and apps industry. Indian m-commerce industry, however, is yet not developed enough for comparison to the m-Commerce market in the developed countries. Some of the reasons for a contrast is due to some political, social, economical and cultural factors, but rate at which growth is increasing it is expected that the growth would increase in times to come.

A STUDY OF GREEN CONSUMERISM AND IT’S AWARENESS IN BARAMATI AREA
R. A. Bhosale*
*Department of Commerce, Anandibai Raorane Arts, Commerce and Science college, Vaibhavwadi. Dist- Sindhudurg, -416810 (M.S)
Email.ID : bhosalerahul2020@gmail.com

ABSTRACT:- The purpose of this study is to explore the awareness of consumers for green product particularly in Baramati area, its comes under Pune district in Maharashtra. Environment protection and consumers consciousness have led the companies to assume their corporate environment responsibility likely as it happened in corporate social responsibility. On the other hand every consumer is a Human being and is a rational one so he cannot deny his moral and social
obligations. Henceforth we are equally responsible for our daily life activities towards Mother Nature. For very long time we were worshiping our rivers, trees like banyan, Pipal, Banana and most sacred plant Tulsi People are becoming more & more aware and interested in environmental issues. This has led to an increased demand for environmental friendly products. Thanks to United Nations Environment Programme (UNEP) & ISO14000 series certification for creating environmental awareness at global level. Such programs not only demanded the governments to remain proactive by formulating the laws in the interest of environment and to establish ecological balance. It is of great interest to analyze the awareness of consumers regarding green products, environmental consciousness and their effect on consumers. The primary data has been collected through questionnaires by using convenient sampling.

**KEYWORDS:** CSR, UNEP & ISO 14000, Awareness of consumers, etc.

**Growth of E-commerce in India**
Kale N.B., Nagare B.K.
Tuljabhavani Mahavidyalaya, Tuljapur Dist. Osmanabad
R. P. College, Osmanabad
Email: balajinagare@gmail.com/ kalenetaji123@gmail.com

**Abstract:** Now, electronic commerce are become a more popular as a compare to traditional commerce. There are various business entities are trying to converts its business into electronic commerce. We seen, various websites are lunched on internet i.e. Quiker.com for consumer to consumer E-commerce, Amazon.com for Business to Business E-commerce, obay.com, shopcart.com, flipcart.com, snapdeal.com etc. E-commerce in new time has been growing rapidly across the world. According to Report of Digital –Commerce, IAMAI-IMRB (2013), E-commerce industry in India has witness a growth of US$3.8 billion in the year 2009 to US$ 9.5 billion in 2012.

Today, the internet users in India. It shows that in 2007 internet users was 42 Mm they are growing fasters in 2017 i.e. 446 Mm. it foreclosing they will be 1280 Mm in 2026. The e-commerce has changed the way business is done in India. The Indian e-commerce market is expected to grow to US$ 200 billion by 2026 from US$ 38.5 billion as of 2017. The growth rate of e-commerce in India is 51 per cent per year. In the year 2050, traditional commerce will be removed from market. Traditional commerce will be totally converter from e-commerce.
ABSTRACT:- In the recent years, the way Indian consumers are spending their money on various items has changed. In any business organization, changing consumer behavior is a big challenge in sustainable growth of the business. Changing consumer behavior is an obstacle in the growth of business because it leads to heavy losses due to obsolete stock of the organization. Consumer behavior is complex and very often not considered rational. A further challenge is that consumer personalities differ across borders and also between and within regions. Taste, behavior and preference of consumers cannot be ignored because consumers are the “Kings” of market. Consumer behavior is a complex, dynamic, multidimensional process, and all marketing decisions are based on assumptions about consumer behavior. In modern times, prediction of consumer behavior is much essential for prosperity of the business. Its prediction and strategy formulation is a challenge for the management of any business organization. Urbanization is a constant phenomena in India and is influencing the life style and buying behavior of the consumers. The study is based on the perceptions, buying behavior and satisfaction of the consumers in Indian market.
“A STUDY ON ROLE PLAYED BY GOVERNMENT TO SKILLING HUMAN RESOURCES IN INDIA.”

Maruti Ishwara Kumbhar

Head, Department of Commerce, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi.

Email: marutikumbhar1234@gmail.com

Abstract:- Skills and knowledge are the driving force of economic development, growth and social development for each country. Indian demographic is with the unique facet of being fraught with a majority of young populace. Education sector in India is well developed and mature. But skill development is critical for economic growth and social development. The demographic transition of India makes it imperative to ensure employment opportunities for millions of youths entering working age annually. The country presently faces a dual challenge of severe paucity of highly-trained, quality labour, as well as non-employability of large sections of the educated workforce that possess little or no job skills. Globalization, knowledge and competition have intensified the need for highly skilled workforce in both the developing and developed nations as it enables them to accelerate their growth rate towards higher trajectory. Government and its partner agencies have undertaken various measures for the effective implementation of the skill development programmes in the economy. Education and Skill development become quite an imperative sector to appropriate this massive human resource. The working age group between 15 to 59 years is its largest bulk constituting of more than 65% of total population. Government, higher education sector, private institutions, colleges and universities are playing a pivotal role in skilling the working group of human resources.

Keywords:- economic growth, demographic, skilled workforce, Vocational and technical Education
Expected Benefits of The Risk Management to Improve The Performance

Rameshwar G. Swami

Jaykranti Mahavidyalaya, Latur, MS, India.

Email-ramswam73@gmail.com

**ABSTRACT:** Risk management is an increasingly important business driver and stakeholders have become much more concerned about risk. Risk may be a driver of strategic decisions, it may be a cause of uncertainty in the organisation or it may simply be embedded in the activities of the organisation. An enterprise-wide approach to risk management enables an organisation to consider the potential impact of all types of risks on all processes, activities, stakeholders, products and services. Implementing a comprehensive approach will result in an organisation benefiting from what is often referred to as the ‘upside of risk’. It is important for organisations to recognise and prioritise significant risks and identify the weakest critical controls. These outputs will provide benefits by way of improvements in the efficiency of operations, effectiveness of tactics (change projects) and the efficacy of the strategy of the organisation. A successful enterprise risk management (ERM) initiative can affect the likelihood and consequences of risks materialising, as well as deliver benefits related to better informed strategic decisions, successful delivery of change and increased operational efficiency. Other benefits include reduced cost of capital, more accurate financial reporting, competitive advantage, improved perception of the organisation, better marketplace presence and, in the case of public service organizations, enhanced political and community support.
ते देश गरीब नाहीत भारतात एकादेशीस कोटीहून अधिक लोकसंख्येतील सत्तर टक्के भारतीय या मूलभूत सोशीलिया जगत आहेत आणि बहुतेक एक किवा दोन सुविधा लाभ घेत आहेत. परंतु मूलभूत समाधानकारक जीवनासाठी आवश्यक असलेल्या सव्यसाचा पाच सुविधा नसल्यामुळे तेची गरीबी आहेत.

आशिया प्रशांत क्षेत्रात गरीब - श्रीमंतातील असमानता वाढत चालवली आहे. अशा इशारा सुंदरता राष्ट्राच्या आर्थिक आणि सामाजिक आयोजने (युनेस्को ) दिला आहे. या प्रदेशातील भारत- चीन, इंडोनेशिया यासारख्या बहुतांश मोठ्या राष्ट्रात गरीब- श्रीमंतातील उत्पन्नाची दरी वाढत असली आहे. गरीब अधिक गरीब होत असून श्रीमंताच्या संपत्तीत अफाट वाढ होत आहे. तसेच असमानता ही या भागातील प्रमुख आर्थिक आणि सामाजिक समस्या आहे. तासारखं अनेक प्रमुख अर्थव्यवस्था असलेल्या देशात प्रशांत क्षेत्रात उत्पन्नातील असमानता वाढत आहे. याची अनेक कारणे आहेत. उत्पल्ल्यातील प्रमाण दर्शविण्यासाठी ‘गिनी कोईफिसेंट’ हे मापक वापरले जाते.

1990च्या दशकात भारतात हे प्रमाण 30.8 वरुन 33.9 टक्के झाले चीनमध्ये हे प्रमाण 32.4 वरुन 42.6 झाले तर इंडोनेशियात 29.2 तक्यावरुन 38.9 टक्के झाले. अहवालातील माहितीसारखं श्रम बाजारसंथाि, मर्यादित सामाजिक सुरक्षा प्रणाली, वाईटेक्सिक्शन, क्षेत्र आणि जमीनीचे असमान वाटपणे अस्तित्वातील असलेले नीती के आशिया प्रशांत क्षेत्रात गरीब आणि श्रीमंतातील उपल्ल्याची दरी फार मोठी आहे. धोकादायक बाब अशी की ही दरी वाढत चालवली आहे. या भागातील 20 टक्के लोकसंख्या सर्वाधिक गरीब आहे. प्रशांत क्षेत्रातील उत्पन्नाच्या 10 टक्के उत्पन्नही या लोकांचा मिळाला नाही.

1991नंतर जग बदलले श्रीमंताचे राज्य आले, खाउजा थोरण खाजगीकरण, उदारीकरण आणि जागतिकीकरण सर्व जगात लागले गेले. तेक्यापासून गरीब गरीब होत चालला तर श्रीमंत अधिक श्रीमंत होत आहे. दादर्दी कमी होण्याऐवजी वाढत गेले. सामगिरी, कामगार, आत्महत्या करू लागले.

युनेस्को संशोधनात हे सिद्ध झाले की, 1945 ला जगाच्या उत्पल्ल्यातल्या 3 ट्रिलियन डॉलर, तर 1993 ला 30 ट्रिलियन डॉलर इंतीसार मोठी पण जगाच्या पहिल्या 20 टक्के लोकांचे उत्पन्न खलच्या 20 लोकांपेक्षा प्रचंड वाढले. 1993 ला जगाची 19 ते 1 अनेक होती म्हणजे श्रीमंताकडे 1०,००० रु. असेल तर गरिबकडे १,००० रु होते ते १९५० ला ६० ते १ व १९६७ ला ७५ ते १ असे झाले म्हणजे श्रीमंताकडे ७४ हजार रुपये असेल तर गरिबकडे १ हजार रुपये असत. २०१४ च्या रिपोर्टनुसार जगाच्या २५ लोकांच्या हातात जगाची ५० टक्के संपत्ती आहे. आंतरराष्ट्रीय नागरिकांनी मान्य केले की, आर्थिक विषमता हे जगाची सर्वांत मोठे आवाहन आहे.
The role of E-commerce in employment generation
Ganesh Adinath Tekale¹, Gaurav Gautam Pawar²

¹Department of Economics, Chh. Shivaji College Satara
²Department of Economics, Shivaji University Kolhapur

Email: ganesh teknale159@gmail.com, gauravpawar310@gmail.com

Abstract: This paper discusses the concerns on the opportunities created by e-commerce. There are clear opportunities from digital jobs and the wider use of digital tools. Realizing the gains to be had from the use of new technologies, as in the past, will need investments and appropriate policies to create more digital jobs and increase access to digital tools. Governments will need to consider specific actions to expand the opportunities that technologies bring. It also addresses the phenomenon of E-Commerce and identifies the efforts made by different industry groups, international organizations and ministries in addressing the concerns related to E-Commerce and employment opportunities.

Keywords: E-Commerce, employment opportunities, digital jobs, technology.

Self Help Groups: A Key of Poverty Education
More Vyankatesh Digambarrao
Research Scholar, Yeshwant Mahavidyalaya, Nanded, Maharashtra.

Mail Id- morevyankatesh11@gmail.com

Abstract: The concept of Self Help Groups is of immense importance in the realization of our goal to take banking services to the doorstep of the poor. They are especially useful for freeing the poor people from the clutches of money lenders. I warmly compliment NABARD for over. Performance in reaching the target ossf 10,000 SHGS, in the current year too, it has covered 18,000. I am confident that it will surpass the enhanced target of covering 50,000 micro-credit groups at the grassroots level. I wish NABARD all the best in realizing its internal target of one million SHGS in the next ten year. Experience has shown that a vast network of vibrant guarantor co-operative origination is the surest granter of socio-economic empowerment of the poor and especially of poor women. Thus we see that even ordinary people have the capabilities to develop
such group in their local communities and subsequently serves as an extraordinary resource for others. For starting a self-help group one does not require any grant, agency or even an office, what is required is the will, information about other people who can share their experience and in similar situation and then join hands and work together.

A STUDY OF ROLE PERCEPTION OF SECONDARY SCHOOL STUDENTS
Savita Desai, U.K. Kulkarni
Dept. of Education, A.W.U, VIJAYAPURA
e-mail: ukkulkarni1970@gmail.com

Abstract: This study aimed at, To study the Role Perception of Secondary School Students with reference to moderate variables such as sex, medium, Type of Management, and Locality of the School. Samples of 120 Secondary School Students were selected randomly from Vijayapura District. The nature of the study was Descriptive Survey method. The data were collected and analyzed with the help of Descriptive and Differential analyses i.e. mean S.D and t-test. A significant difference was found in the group of Students with respect to Type of Management. And a significant difference was not found in the group of Students with respect to Sex, Medium of instruction, and Locality. The study reveals that the role perception of the Secondary School Students must be improved.

HOW TO WRITE RESEARCH PAPER AND PUBLISH IN JOURNAL
Radhika Kulkarni
JSS College of Education, Vijaypur, Karnataka State
Email: radhumk05@gmail.com

Abstract: This paper outlines the logical steps to writing a good research paper. To achieve ultimate excellence in anything you do, you need more than just the knowledge. Like the Olympic athlete aiming for the gold medal, you must have a positive attitude and the belief that you have the ability to achieve it. That is the real start to writing a research paper. It borrows from the literature on paper writing and publishing and gives examples from the social, natural and technical sciences, since the prestige associated with different types of publications varies greatly by discipline. The structure of a research paper comprises three core parts, namely introduction, body and discussion. The progression of the thematic scope of a paper within these parts typically
follows a pattern called the ‘Hourglass Model’ (see Figure 1, light-grey parts; cf. Swales, 1993). However, there are additional parts of a paper with similar importance. These are title, abstract, introduction, body, discussion and references. Davis (1997) gives the set of rules for technical and scientific writing. The selective focus here is on journal articles and conference papers, since in most disciplines –particularly those with relevance for technology-enhanced learning – either (or both) of these publications is what gets researchers promoted. the craft of writing and publishing papers in technology-enhanced learning conferences and journals is less mature than in established disciplines from the social and other sciences. However, covering all these disciplinary facets in detail is beyond the scope of this paper. The paper therefore aimed to provide early-stage researchers with an introductory guide to this complex matter, raising awareness of the fact that very simple rules and guidelines might have a lasting impact on the personal career at large.

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Tremulous nature of human existence in Rabindranath Tagore and Harold Pinter’s The Homecoming

Digambar M. Bhise
Kakasaheb Chavan College, Talmaval

Abstract:- The Home Coming is a wonderful specimen of Tagore’s portrayal of adolescents. The story introduces Tagore’s wide range of characterization. This story highlights the adolescent world of boys. The story presents Phatik Chakravati, a ringleader among the boys of a village. He is a perfect nuisance for his family and proves a headache for his maternal uncle’s family in Calcutta. The central character of this story, Phatik, a lad of fourteen, belongs to a village and is sent to Calcutta for study. Both fail to adjust in the new surroundings. As a result, Phatik undergoes a serious illness in the desire of returning home. Harold Pinter in his The Home Coming has presented family relationships in crisis. A family lives in the same house and though they live side-by-side physically, their emotional alienation and consequent loneliness is palpable. Perhaps the most alienated of all the characters are Teddy and Ruth. They seem to have chosen to remain emotionally separate from the others. Teddy very clearly states this when talking about his ‘Critical works.’ He says that it is a question of how far one can operate on things and not in things. He has chosen not to be emotionally involved with anyone and apparently has chosen to specialize in a very
mysterious branch of philosophy in order to maintain what he calls his ‘intellectual equilibrium’; more likely this field allows him to work with little contact with others. Teddy says his relatives are just objects rather than humans. Thus, both the writers has emphasized tremulous nature of human existence.

**Keywords:** adolescent, nuisance, illness, desire, loneliness, emotional alienation.

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**Traditional Romantic Feelings in Modern Vision a Critical Study of R.K.Narayan’s Novels**

Arun Ahirrao

GEI’s MahilaMahavidYalaya, S.V. Joshi School’s Coumpaound, Dombivali(E), Thane-421201

Email. arunahirrao@gmail.com

**Abstract:** As the Ancient theory is informed with a strong Indian sensibility, the need for reviving it and applying it to Indian works in English especially novels is greater. Of course there cannot be a dogmatic approach in the application of an old theory to a modern work of literature. The terms of reference taken very broadly are valid even for modern literature. An attempt is made in this article to apply the theory of emotion, (Rasa) to some novels of R.K. Narayan. Though the critics on Narayan have in the course of their analysis and evaluation of his novels mentioned here and there the psychological element in his works, no full length study has been made to identify emotions in the light of Indian Rasa theory, analyse them and evaluate their artistic effect. This thesis attempts to supply that lacuna by analyzing four major novels of Narayan from the point of view of the Indian theory of emotion. Applying an age old theory to a modern work in an alien language entails certain modifications to be made to the theory. But as Narayan is a more traditional Indian writer than the others, the theory is by and large found suitable to an analysis of his novels. Without making a violent departure from the norms lay down by the theory, this article aims at looking at some Narayan novels from this point of view.

**Keywords:** Emotional feelings, Rasa, love, sorrow, wrathful, theory, tradition, culture.

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Status of Ordinary Women in India: A Study with reflection to Legislative Measures

Bhosle Pundlik Eshwar

Faculty of Law, Asst. Professor of Law, Narayanrao Chavan Law College, Nanded, Maharashtra-India. PIN:431602

Abstract: - Half of the India population too are women. Woman has forever been differentiated against and have suffered and are suffering intolerance in silence. Selflessness and selfdenial are their decency and fortitude and yet they have been subjected to all inequities, indignities, inequality and discrimination. It is frequently said that the status and position of women in society is the best way to understand civilization. It is also said that women’s right are human rights. In the words of Justice L’ Heureux Dube of the Supreme Court of Canada: “Human rights are yardsticks against which all people must measure their conduct and that of their sovereign governments also public officials, and against which the world people as a whole must calculate its progress

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Metaphysical Dystopia in Philip K. Dick’s Do Androids Dream of Electric Sheep?

Manoj Mansingrao Sadale, A. M. Sarawade

Department of English, Shivaji University, Kolhapur

smanoj1425@gmail.com, sarwadeam@gmail.com

Abstract: - Philip K. Dick (1928-1982) was an American author of Science Fiction and sub-genres. The present paper attempts to reveal author’s portrayal of abstract life that lies beyond the human perception. The nuclear wars and resultant radiation make Earth inhabitable. Most of the animals are on the verge of extinction which makes human beings own electric animals but they lack warmth of response which in turn becomes a source of demoralization. It makes the government enforce people to emigrate to other planets like Mars. The colonization gets linked with creation and marketing of androids who are supposed to serve the emigrants. However, the emotionless androids rebel against their creators and appear as a threat to human beings. The bounty hunters like Deckard get appointed to kill the rebel androids who torment his life too. The religious epiphany awakens the protagonist to mortal state where he receives the divine peace. Dick’s scary dystopia provides glimpses of the future that would come true. The craving for ideal world gets reflected through colonization of other planets but the transcendental life appears more miserable.
An attempt has been made to show the parallels of real and unreal which help human beings retain sanity and rationality.

Keywords:- Science Fiction, Dystopia, Androids, Empathy, Salvation etc.

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Portrayal of Indian Youth in Chetan Bhagat's *Three Mistakes of My Life*

D. N. Patil
Doodhasakhar Mahavidyalaya, Bidri. Tal. Kagal, Dist. Kolhapur
Email id- [data.patil5692@gmail.com](mailto:data.patil5692@gmail.com)

Abstract:- The *Three Mistakes of My Life* is one of the finest piece of Chetan Bhagat. This novel is based on young generation and their dreams. Indian youth is highly admired and inspired by cricket. They adore Indian cricket players as they are their role models and if we use the word ‘God’ that will not be exaggeration. This is once again a piece of crumbled bread for the youngsters. Om, Ishan, and Govind are the main characters of the novel “Three Mistakes of My Life”. Adolescent is an important stage in terms of psycho social development particularly identity information. Chetan has presented young generation or youth as protagonist because they are able to confront the things and move on. Chetan believes that the youth of India is fed from the beginning for sports. Everybody knows about Indians that they how much adore this game, although, hockey is the national game of India, but people have made cricket the best game of the country. Bhagat has tried the balance between the struggle and demands of the youth for employment and poverty and love for cricket. In the novel, when Ishan’s father is not ready and happy by his step because he left Army school and came back home. But whenever he watches Indian cricket match, he becomes crazy for Indian cricket team as he is a great cricket lover and he is paid to cheer up Indian team.

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Girish Karnad’s *The Fire and the Rain: Conflict between Good and Evil*
Dr. Rajendrakumar B. Chougule
English department, Kankavli College, Kankavli Dist. Sindhudurg (416602), Maharashtra

**Abstract:**- Girish Karnad has been recognized nationally and internationally as one of the pre-eminent playwrights in contemporary India. He has served as the Director of the film and television institute of India, chairman of the Sangeet Natak Akademy and director of the Nehru Centre, London. He is an awardee of Jnanpith, India’s highest distinction for lifetime contribution to literature and the arts.

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**Search for Identity in Isabel Vas’s ‘Who Sits Behind My Eyes’**
Dattaguru G. Joshi,
Dept. of English, Gogate-Walke College, Banda. Dist.: Sindhudurg (M. S.)
e-mail id: dattaguru_joshi@rediffmail.com

**Abstract:** The play ‘Who Sits Behind My Eyes’ portrays the struggle of a young woman belonging to the traditional goan fishing community, who always craves to achieve freedom from different forces which are holding her back. These forces are the patriarchal forces within the community as well as the other socio-cultural forces which believe in giving its women-fold the status of the ‘other’. Sarah, the protagonist is a dreamer and believes in living them. Thus, the whole play is a search for self-identity of a woman who has been offered a subordinate place in a highly traditional community.

**Key words:** Patriarchy; Community; Self-identity.

**Reflections on Mother-Daughter Relationship in the Selected Novels of James Baldwin**
Pragati Gunaji Naik
Department of English, S. P. K. College, Sawantwadi
Email- pragatinaik3@gmail.com

**Abstract:**- James Arthur Baldwin (1924-1984) is one of the most widely read African-American writers. The emergence of James Arthur Baldwin as a powerful literary voice after the Second World War proves a noteworthy event in the history of American Black literature. He is the leading twentieth century Black writer, whose works demonstrate the genuine variety and scope of Black writing.

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Abstract:- Rabindranath Tagore’s *The Home Coming* is a superb short story of representing adolescent world of boys. The story presents central character Phatik Chakravati, a lad of fourteen and leader among the boys of the village. He remains a perfect nuisance for his own family. Therefore, he is sent to Calcutta for study in his maternal uncle’s family. In Calcutta, he proves a headache for his maternal uncle’s family too. Both families fail to understand and adjust him in his adolescent age. As a result, Phatik undergoes a serious emotional turmoil in both families. In his own house he is considered as a vagabond by his mother. In maternal uncle’s home he faces illness in the desire of returning to his own home. Harold Pinter in his drama, *The Home Coming* has presented family relationships in crisis. A family lives in the same house and though they live side-by-side physically, their emotional alienation and consequent loneliness is obvious. Perhaps the most alienated of all the characters are Teddy and Ruth. They seem to have *chosen* to remain emotionally separate from the others. Teddy very clearly states this when talking about his ‘critical works.’ He has chosen not to be emotionally involved with anyone. He has chosen to specialize in a very mysterious branch of philosophy in order to maintain what he calls his ‘intellectual equilibrium’. This field allows him to keep little contact with others. For Teddy his relatives are just objects rather than humans.

Both protagonists, Phatik in Tagor’s short story *The Homecoming* and Ruth in Pinter’s absurd drama, *The Homecoming* are disturbed due to feelings of homeward-bond. Both desire to have homely love, feeling of safety, satisfaction, admiration, affection. But both fail at different levels. Phatik cannot reunite with his family members at the end. In this misery dreaming himself in his own family and receiving by his mother, an adolescent boy dies. On the other hand, Ruth herself is motherless but married woman. She is wife of a professor and mother of two children. She also dreams to go to her own home, where she will be loved by family members without any restrictions. She comes in Europe and satisfies her wish of love without bondage. For that she leaves her husband and own children. She dominates family members by her sexual power. But, she acts that way out of her helplessness. She is chucked out in feeling of pure motherly love.
Thus, both the writers have emphasized uncertain and unsteady nature of human survival under family relationships in different cultural backgrounds.

**Keywords:** adolescent, nuisance, illness, desire, loneliness, emotional alienation.

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**Cross-cultural Bridging between English and Marathi: Contribution of Missionaries**

**A. K. Farakate**

**Abstract:** India has a long history of translation. Modern languages of India have been made rich through the translations from Sanskrit. There are numerous examples of renderings of epics like *Ramayan* and *Mahabharat* into regional languages. As far as Marathi is concerned *Dnyaneshwari* (1290) written by Dnyaneshwar (also spelled as Jnaneshwar) may be taken as a remarkable example. Bhakti movement of the medieval period in Maharashtra gave impetus to render from high-class language Sanskrit into the colloquial Marathi, for the common folk. Those were the remarkable examples of interlingual translation.

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**Mahesh Dattani's Seven Steps Around the Fire: The Painful Depiction of Invisible Minority**

**Manisha M. Mujumdar**

Assistant Professor, Br. B. K. College, Vengurla, Sindhudurg (MH)

*manishamujumdar@rediffmail.com*

**Abstract:** It has been practiced that Indian society has some distinguished characteristics. One of them is diversity in class, caste, creed, regions, language, festivals, food habits and lifestyle. Other, it is more concerned about certain issues like heterosexuality and homosexuality. Consequently, some social taboos and banned issues regarding the sexuality are also observed in the Indian society. A caste and patriarchy also play a vital role in the Indian society. As a result, patriarchal structure of a society keeps certain sectors marginalized. These features of the Indian society get reflected through Indian literature as it is a reflection of the society and a criticism of
life too. Moreover, each era provides challenges and opportunities for playwrights to unfold their society in many directions. Some Indian playwrights dares to accept the challenges of society and exposes the banned issues and the follies of society. Mahesh Dattani, one of the remarkable Indian playwrights, explores these unconventional areas through his plays. His plays reveal the cruel reality of the contemporary society. He raises several questions about love, sex, marriage and moral values which are discussed frequently in the Indian society. Through his plays he attempts to handle the untouched issues of society which are ignored by it. Thus, he has encouraged upcoming playwrights to ponder upon such 'invisible issues' so that something new and different may emerge. Dattani’s play *Seven Steps Around the Fire* explores the struggle of *hijaras* for their identity. The present paper attempts to focus on the plight of *hijara*, marginalized sector and community in minority, in developed Indian society. It also highlights how traditional mind-set of the Indian society forces *hijaras* to live a deserted life.

**Key Words:** hijara, social taboo

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**BUDDHISM: A REVOLUTIONARY SOCIO-CULTURAL ORDER IN INDIA**

Milind Shende, Nagsen Bansod  
G. S. College of Commerce, Wardha  
e-mail: shendemilind14@yahoo.in, bansodn2010@gmail.com

**Abstract:** Culture has a tremendous impact on the behavior of human being in all societies. The Indian sub-continent has always enlightened India as well as the world with its unprecedented moral teaching in which Buddhism occupies a higher place. The teaching of Buddha has a wider implication as it ranges from moral teaching to democratic views to be practiced in ancient and modern Indian society as well. The Buddha’s teaching outshone all the other new schools of thoughts prevailing in ancient times and created a popular and comprehensive religious order establishing a new cultural order. It tore up the system of inequality and provided a platform to all men and women irrespective of their *Vernas* for practicing their life in Indian social world. The present paper aims at examining the ordained caste and *Verna* system, unfolding teaching of Buddhism, discussing democratic set up of the country from the perspective of Buddhism.

**Key words:** Culture, social order, Buddhism, democracy etc.
ABSTRACT:- Remote Sensing is the science and art of obtaining information about an object, area, or phenomenon through the analysis of data acquired by a device that is not in contact with the object, area, or phenomenon under investigation. Remote sensing data (the image) have been used to derive thematic information on various natural resources and environment. The type and level of information extracted depends on the expertise of the analyst and what he is ‘looking for’ in the data. For example remote sensing image of land can be used to derive information on vegetative cover, water bodies, land use pattern, geological structure, soil, etc.

Keywords: - Development,, Sustainable, Croplands, Green Revolution, New TechniQues.

THE RESEARCH PROCESS IN GEOGRAPHY

Kamlesh R Kamble
Department of Geography, BR. B. K. College, Vengurla
kkamalesh.2007@rediffmail.com

ABSTRACT: Research is usually questions that arrives in our mind and make an attempt to explore, understand, explain and finally draw the conclusion. Thinking of a problem is most important and develops an ability to ask you questions such as What, Why and How. What am I teaching? Why I am teaching this? How it’s affecting on my students. These types of questions naturally comes at the time of teaching Geography in our mind and good researcher is to make attempts to solve these types of problem and find out conclusion. For analyzing the any problem, knowledge of research methodology is must required. Geography is a integration of theoretical and practical based knowledge. So research and practices are well integrated in this subject. At the time of teaching ask a simple question to students like, how you feel today’s climate? Why causes this type of climate? What are the problems affected on people due to this climate?. These types of questions and answers directly and indirectly improve the thinking research power of students and teacher.

Keywords: Research, Research methodology, Climate, Practices.
Contribution of Appa (Konkan Gandhi) for Socially Downward People in Konkan (1905-1971), Maharashtra

V. A. Dewoolkar

Department of History, Br. Balasaheb Khardekar College, Vengurla. Dist: Sindhudurg. (MS) India. 416516

E Mail: vadewoolkar@gmail.com

Abstract:- Konkan region of Maharashtra is having approximately 784 km sea shore. Though the three seasons are common, humidity is the main factor of climate. Almost eight months Konkan region exhibits as like the summer. Due to this environmental condition this region is having typical type of agriculture system. This situation has shown some fruitful opportunities and raised some challenges. Due to lack of industrialization people of this region are having very less scope of service. In this situation self-employment is strongly needed. Sitaram alias Appasaheb Patwardhan (1894-1971) known as the "Konkan Gandhi" was a patriot who tirelessly worked to eradicate the evil traditions and customs in a society as well as who struggled lot for the upliftment of socially and economically downtrodden people. The present paper attempts to throw light on Appasaheb Patwardhan's contribution to social work especially, in Konkan area.

Keywords: Konkan, Konkan Gandhi, Socially downward

Pre-Ambedkar Dalit Movement in Maharashtra

Janardan K. Kamble

Department of History, Vasantrao Naik College Murud-Janjira

Jkkam66@gmail.com

Abstract: - The history of Dalits in the Indian society is a history of their continuous suffering and oppression. They suffered from multiple deprivations and were the victims of cumulative dominations. For nearly two thousand years, Untouchability was practiced in the social, economic, religious and political life of this country. The evil practice of Untouchability amply proved to be the most injurious to the so-called Untouchables in particular and Hindus in general. Therefore, several saints and, social reformers and political leaders from both the Dalits and non-Dalits had made the efforts for the eradication of Untouchability from the social fabric. Untouchability was practiced throughout India therefore for its removal many movements existed in almost all parts
of the country. The attempts of the untouchable castes to organize themselves for the social and political purpose occurred in various parts of India.

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Execution of CEDAW: Indian Scenario

G. Laxman

Abstract:- In India almost half of the Indian population are women, they have always been discriminated against and have suffered and are suffering discrimination in silence in the civilized as well as the primitive society. Even though self-sacrifice and self-denial are their nobility and virtue, yet they have been made the victims of all inequalities, indignities, inequity and discrimination from time immemorial. These are some of the factors that prompted the legislature to make various laws to give the women their due share.

This research examines, whether the women in India are having same status and rights as they claiming in the light of Equality, Education, Health, Labour, Employment, Marriage and Family life, Race and Gender related, Religion and Culture etc.

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Fundamentals of Intellectual Property Rights

Sangeeta Ajay Mahajan

Librarian, Dayanand College of Law, Latur, Maharashtra,

sangeetamahajanlatur@gmail.com

Abstract:- Intellectual property rights are the rights similar to other property rights. The economic and technological development of a nation will come to an end if no protection is given to intellectual property rights. The pedagogic work is adopted in order to make conscious the community. Large number of people like educated and uneducated is not aware about the intellectual property rights. It is an attempt to make easy for understanding the rights of copyright owner, rights of patentee etc.
CRITICAL ANALYSIS OF REPATRIATION OF PRISONERS ACT, 2003
PASSED BY UNION OF INDIA

Sandhya F. Dokhe
Librarian, Siddharth College of Law
Email: sandhyadokhe123@gmail.com

ABSTRACT: The Union Government of India pursuant to the International Covenant on Civil and Political Rights of United Nations Organization and Commonwealth Human Rights Initiative, being one of the prominent member of the esteemed institutes, India has passed on 28th September, 2003 “The Repatriation of Prisoners Act, 2003” bearing Act No. 49 of 2003, with a humanitarian intention to provide for the transfer of certain prisoners from India to country or place outside India and reception in India of certain Indian prisoners from country or place outside India. But, unfortunately the act left with number of defects and concerned prisoners and/ or their relatives having minimum sources in terms of finance or knowledge find it very difficult to approach the concern authority and avail the benefit enshrined under the Repatriation of Prisoners Act, 2003.

Rights of Women Prisoners within walls of stones and cages of Iron – A Socio – Legal Study
Veena Manoj Ingle
Dayanand College of Law, Latur
Email – veenaingle22@gmail.com

Abstract: The research paper has been emphasized on the gravity of rights of women prisoners and their problems and suggestions. The paper contains Constitutional Rights – Fundamental Rights different Jail manuals regarding improvement in conditions of women prisoners. The burden of Proof lies on the Prison Staff and government to help in taking successful steps in improving conditions of women prisoners.
Mainstreaming Women Empowerment – The role of National Women Commission
Geeta S. Girwalkar
Barshi Road, Latur – 413512
Department: Public Administration, Mahatma Basweshwar College, Latur
E-mail: geetassharma76@ymail.com

Abstract:-This paper Mainstreaming Women Empowerment : The role of National women Commission emphasizes on the status of women in India. This paper also focuses on various solutions, Suggestions for upliftment of women in Indian society. In 21st century the issue of women empowerment has become burning issue and very vital need of the society. ‘A bird can not fly on or wing’ similarly men and women are two wheels of society, there could be no proper development without safeguarding women in the society. Multi dimensional aspect of women empowerment and function of National women commission has been discussed in this paper.

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Use of Mobile Technology in a Academic Library Services
Susmita Mahadev Walake
Librarian, Warana Mahavidyalaya, Aitawade Khurd
E-Mail: susmita.walake@gmail.com

Abstract:-The Present paper is an overview of various trends in mobile tool and their application use for Libraries. Due to this new developed technology will be a great help to Libraries for strengthening their bonding and provide enhanced experience to present users. It has explore the utilization of mobile technology in academic environment. In mobile technology which includes Web technology, systems like GPS/GPRS, for users friendly.
Keywords - Library services, Mobile technology, Mobile application, M-Learning, Smart phone, e-resources

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Plagiarism and Academic writing
Bindu K.
Librarian, Bhavan's Hazarimal Somani College, Mumbai – 400007
librarian.bhsc@gmail.com

Abstract:- Plagiarism is a controversial issue in higher education and it is increasingly wide spread among academic and research community. The growth of information technology, rapid growth of knowledge, fast multiplication of academic and research journals, lack of awareness and low culture of academic integrity have all contributed to the prevention of plagiarism. The lack of awareness regarding plagiarism will irreparably detract from the value of original scholarly work and from institutions developed to further human knowledge. The paper highlights the terminology and definition, different forms of plagiarism and kinds of plagiarism. It also examines the advent of internet and increased rate of plagiarism. The author tries to explain some ways to avoid plagiarism.

Keywords: Plagiarism; Common knowledge; paraphrasing plagiarism; Intentional

Library Marketing: A Paradigm Shift
Gauri Bhagwat
University of Mumbai
Email id: bhagwatgauri96@gmail.com

Abstract:- Libraries are social institution. They do not work for profit and hence think there is no need for marketing. But marketing is just not for making profit. It understands what people need before they know themselves and to make people aware of the services which we provide to fulfill those needs. The article further discusses why marketing is important for the libraries. It also focuses on golden rules for better marketing. The ways to market the library and while discussing the rules and ways it also touches the mistakes done by professionals. Overall the article emphasises on the need of marketing for library, rules and ways to market library in a better way.

Keywords: Marketing, Social media, Library professionals, library services, QR codes, Branding.
Institutional Repository: An overview
Pravin A. Joshi
Librarian, M.E.S. Arts & Commerce College Mehkar, Buldhana-443301
mesacclibrary@gmail.com

Abstract:- This paper discusses about the concept of Institutional Repository (IR), its needs, objectives, functions, merits, constraints, software requirements and available subjectwise INSTITUTIONAL REPOSITORY. Institutional Repositories (IR) are developed primarily for collecting, preserving and disseminating the intellectual output of an institution. This knowledge assists in sharing and learning of an institution. For the successful set up of an Institutional Repository, strategic planning is required with a predetermined goal and scope as well. This paper is a focuses on setting up a digital Institutional Repository Institute using the different open source software. The basic objective of this paper is to provide a roadmap for setting up an institutional repository in an academic institution. The paper also discusses the his paper explores the development of institutional repositories as a global phenomenon, comparing the Institutional Repository objectives with the core principles of scholarly communication that have preserved. This paper also has brief description about INSTITUTIONAL REPOSITORY’s benefit, charactaritics. Drawbacks.

Keywords: Institutional Repositories, open Access, Digital Library Dspace GSDL, Greenstone Eprint, Ghostscript

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“DIGITAL LITERACY AID TO INFORMATION NEEDSAND INFORMATION SEEKING BEHAVIOUR OFFACULTY MEMBERS OF LAW COLLEGES”
Sandhya F. Dokhe
Librarian, Siddharth College of Law
sandhyadokhe123@gmail.com

Abstract:- An entire society surrounded by implementation of law created by Constitution of every society and various statute created based on such Constitution and therefore every single aspect in life is affected by law. There is hardly any aspect in general life left to be untouched by law. Therefore, information requirement by the information seeker in consonance of law subjects by the faculty members of law colleges is very vital. Digital library is carrying out the function of
traditional library in a new way, Encompassing new type of information resources, new approaches to categorization, acquisitions, new methods of storage and preservation has become very comprehensive and exigent. Digital library may allow the user either online or offline access to information.

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Status Survey of College Libraries Working Under Single Educational Society
Vishal Jadhav,
Department of Library & Information Centre, PIRENS Technical Campus, Loni (BK), Tal-Rahata, Dist-Ahmednager-413736
Email ID: sai.vishal.jadhav@gmail.com

Abstracts: - This Research Paper shown the How college libraries working process going on. The Researcher using a Survey method for data collection. The data collection using a interview technique. Total Eight college Libraries Survey doing at Ahmednager District, Its include technical and Non-technical college libraries which is working under One educational society. Total twenty-eight Questions asked to each librarian related to there library & its collection. Finding are related to periodical list, Newspaper, Library Database, Circulation, record keeping, stock verification, book purchase , library area & library budget etc.

Keywords: College Libraries, Institute Library, Educational Institute, Library Collection

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THE CLOUD COMPUTING TECHNOLOGY & DIGITIZATION FOR LIBRARY SERVICES
RAUTMALE ANAND S.*, DATTATRYA BANDU DARADE**
*Rashtriya Sanskrit Sansthan, D.U. (Under MHRD Govt. of India) Thrissur - District, (Kerala) librarian.sansthan@gmail.com
**K.V.N.N.S.P. Sansthas, Arts & Commerce College, Dindori, Nashik. dbdarade77@gmail.com

Abstract: Digital technological developments have affected not only the format and sources of information Centre, but also the reference services provided by the libraries. Libraries and their resources have partially moved to an e-world. As a result, library patrons can access our resources from outside the physical library through their computers. These technologies can be widely adopted but will have to endure through many alterations by means in which they are offered by
the libraries. Adoption of cloud computing is not an easy task for libraries. The advantages/disadvantages, features and its implications have to be seriously considered before placing data on the cloud. The basic idea in this paper is to evaluate Cloud service for the library. This paper provides brief information on cloud computing and its application for library services with a special reference to the author’s information Centre. the explores library users’ and librarians’ experiences, benefits, and challenges depending on the implementation of digital technologies in academic libraries.

**Keywords**: Digitization libraries, Librarians, Library Users; Cloud computing; Digital technologies

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**CONSORTIA AND NETWORK**

**Aparna Sunil Shedge**  
D.Y.Patil college of Nursing, Kadamwadi, Kolhapur:-416003  
Mail id:-shedge aparana123@gmail.com

**Abstract:**- The concept of library consortia and library networking to aid information resource sharing and support activities in libraries has become a real necessity in India. The present study briefly highlights some of the major library consortia and networks in India. The objectives, functions, services, future prospects and stages of completeness of these library resource-sharing networks are also discussed. The Indian information professionals, education specialists and scientists have realized that the time has come to share the information resources and to coordinate mechanisms. This has resulted in discernible change in the information scenario in India. A large number of library resource sharing networks like the Metropolitan Area Networks such as DELNET in Delhi, MALIBNET in Madras, BONET in Bombay, PUNENET in Pune, CALIBNET in Calcutta HYLIBNET in Hyderabad, ADNET in Ahmedabad, and countrywide ones like INFLIBNET (Universities and Research Institutions), ERNET (Educational and Research Institutions), and DESINET (Defence Laboratories), and sectoral ones like BTISNET (Biotechnology Networks) etc. are under various stages of conceptualization, design, development and implementation. The article draws its conclusion by briefly mentioning the obstacles to the development of these networks and library consortium.

**Keywords**: Library Consortia, Consortia management, Networking, E-resources.

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LIBRARY AUTOMATION @ GOVT. FIRST GRADE COLLEGE, LIBRARY (JNANADHARE) DHARWAD, KARNATAKA: A SUCCESS STORY
(Case Study)

Manjunath G Lamani* Dr. Keshava#

*Librarian, Govt. First Grade College, Jnanadhar Campus, Kumareshwar Nagar, P B Road, Dharwad-580008, (Karnataka)
#Dept. of Studies & Research in Library & Information Science, Tumkur University, B H Road Tumakuru (Karnataka-India)
E Mail: leosigman@gmail.com, keshtut@gmail.com

Abstract:-This paper gives you an insight of the computerization process of the Library of Government First Grade College, Dharwad& finally how the Library &Information Centre after computerization has changed the mindset of the faculty & administrator & realized the computerization is the best option to serve the large user community.

Automation or computerization has played an important role in serving the large user community within the best possible time, How the various modules of Library Management Software (E-Lib) has really helped in accuracy, data retrieval, report generation, identity of the users & realized how effective in providing the service to the end user. What are the advantages if the Library gets automated, also how one should go ahead with automating their library for fulfilling the user needs in a very effective manner. Managing the huge data & will be the worthy for the automation process to do the justice to the administrator, &it is a value for money. The author has practical exposure to this process. How he overcomes with so many difficulties & finally how he has come up with the solutions to cater the needs of his end users after automating the library of the institute.

Key words: Computerization, Automation, Library Automation, GFGC Dharwad Library Management Software (E-Lib), Jnanadhare-The Library.

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Abstract:- The study has also focused the attention of various stakeholders of management of electronic resources and services. In this age of competitive content management, modern engineering colleges are required to develop infrastructural facilities, train the manpower, cater to the information needs of the users and facilitate all round development of information professionals and information users. The engineering colleges are also called upon by the users of electronic information resources and services to develop infrastructure, improve ICT skills and cater to the developmental needs of the users. There is a need to ensure planned, deliberate and systematic use of electronic information resources and services in engineering college libraries in order to facilitate up gradation of services and optimum utilization of services in modern times.

Keywords: Demographic Details, Electronic Resource, Modern Engineering, Information Users, Libraries

Library and Information Science Education through Distance Mode: IGNOU Experience
Sandeep. K. Surve
(Library Assistant), NMIMS-Mukesh Patel School of Technology, Management & Engineering, Mumbai
Email id: Sandeepsurve2008@gmail.com

Abstract: This paper discusses about library and information science program’s offered by Indira Gandhi National Open University, Delhi. The paper highlights the various process involved in the execution of distance education programs. With the huge development in technology, University has adopted various techniques to impart the courses to the masses. In distance learning there is always scope to operate its programme with the help of technology. The paper covers the design, teaching method, prescribed syllabus, evaluation pattern, students approach and overall program execution.

Keywords: Library & Information Science, IGNOU, Distance Education, Repository, ICT
Career and Opportunities in LIS professionals in India
Rita S. Kadam
Librarian, Jaikranti Arts & Commerce Senior College, Latur (M.S) – 413512
Email: ritakhose@gmail.com

Abstract: Libraries have been regarded as hub for knowledge. They always catered to the infotainment needs of the masses. The basic aim of library is to disseminate knowledge. Library science is the profession which takes care of organizing, maintenance and storage of books in a library. Librarians are the guardian of library and they assist people in finding information. With the rise in the number of institutes in the field of learning and the strengthening of research activities, the importance of libraries is growing day by day. It is found that libraries and library profession require qualified candidates with proficiency in English, information technology and communication skills. The findings show that LIS schools need to revise their curriculum on the basis of current job market demands. All this has resulted in a lucrative and exciting career opportunity for professionals competent in administrating and running a library.

Keywords: LIS education and its problems, Employability and opportunities, Types of LIS professionals, Problems of LIS Employability.

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INSTITUTIONAL REPOSITORY: A STUDY
HEMANGIS. MEHETRE
Librarian NAVJEEVAN EDUCATION SOCIETY’S
NAVJEEVAN INSTITUTE OF MANAGEMENT, NASHIK

Abstract: According to second law of library science, user or reader is get central importance. Today all user is needed to attract to library for that IRs is play important role. University, parent libraries and the librarian has to play a major role in developing successful repositories for their institutions and thus permanently changing the landscape of scholarly communication. This paper seeks to provide an overview of Institutional repositories, its benefits and also describes the role of library in building an Institutional repository etc. From last some years we found that increasing used for the creation of digital repositories, workshop and seminars are arranged for awareness regarding development in libraries. But it is not only for testing or trial purpose only and are need to maintaining properly.

Keywords: Repository, IRs software, DSpace, Eprint, Fedora, Greenstone
National Agricultural Market: New Horizon for Agri-Business

B. V. Dakore
A C S College Shankarnager Tq. Biloli Dist. Nanded
EMAIL- balajidakore@gmail.com

Abstract:- Agricultural Marketing in India has evolved from being restricted to catering to local demand by having market yards within the range of farms to one which now aims to have interconnectivity between markets of other States to have value dispersion between farm sand consumers. Emerging changes in agriculture marketing environment of the country i.e. electronic market, model act, warehousing, pledge loan, contract farming etc. are ushering in opportunities for new formats of markets which are effective in responding to demand and supply. These changes will require investment in infrastructure, infusion of technology and building awareness and capacity building. Electronic National Agriculture Market (E-NAM) is envisioned as a unified national electronic market bringing interconnectivity to markers across the country. The diffusion of E-NAM is through Organizations and intended through change in policy. The diffusion will be faster if the desired policy changes are made in the organization followed by change management in organizations. Three organizational characteristics will affect the rate of diffusion of technology in markets? E-NAM for agriculture marketing can be regarded as technology which will bring a social change in markets. The social change in relationships and networks that work between buyer and seller as they exist in traditional markets will change as the technology enabled E-NAM is adopted in agricultural markets. Successful adoption /diffusion will depend on easing the adoption barriers that can be categorized as technological and organizational.

Keywords: E-NAM, APMC

Fostering Entrepreneurship among the Marginalized

Anantwar Pradip Shivaji
Research Student School of Commerce and Management sciences of S R T M U Nanded
Email- pradipanantwar@gmail.com

Abstract:- An emerging economy needs inclusivity in its programs and schemes to empower each and every section of society. In the past seven decades of india has strategically initiated interventions to create economic empowerment opportunities for every stratum yet there remaining
much scope for initiating programmes to uplift vulnerable sections of society who lack vital social capital to move up the social and economic trader. The physically challenged and differently able sections of our populations are also sometimes subjected to unworthy living conditions. The state of disparities found among different social group is growing. In the vulnerable section of this population is disaggregated further in terms of gender and disability the numbers are distressing. Despite several years of liberalization and economic progress, achieving equal access to resources and opportunities and the state of inclusive development remains an unaccomplished goal.

For the poor and marginalized sections like SC, ST, OBC, empowerment means access to many things which most of us take for granted; like basic education access to livelihood and opportunities for growth. Pradhan Mantri Jan Dhan Yojana, MUDRA, VENTTURURE capital fund scheme, start up india, stand up india, skill india, have offered these sections inclusive opportunities and equal access to developments resources.

**Keyword** – empower, marginalized, entrepreneurs, opportunities.
Library Automation

Priyanka Niket Jadhav

Gargi Agriculture Research And Training Institute (GARTI).
Nashik (CIDIO), Nashik, Maharashtra 422008.

E.mail id: pnjadhav.90@gmail.com

Abstract: In today’s techno-era libraries and users have come closer to each other with the means of ICT. The impact of ICT has changed the library operation and its functionality into a fast to faster mode. The automation of a library that basically aims at improving the management of the library's resources and increasing access to these same resources by users has caught on so well in the western world that virtually all academic libraries in that part of the world have automated most of their services. It has made cumbersome role of libraries and librarians to provide best of best service in limited time. The present paper focuses on the concept of automation, its requirement and various components helps to automate library. It also describes the area of automation, need, advantage, disadvantage and the role of librarian towards it.

Keywords Automation, Cataloging, Library software, OPAC
Use and Impact of Library e-Resources at College of Fisheries, Ratnagiri, Maharashtra: A Case Study

Mrs. Manisha G. Sawant,
College of Fisheries, Shirgaon, Ratnagiri

e-mail- libcofrtn@gmail.com

Abstract:- The present paper examines the existence of various e-resource databases available in the Library of College of Fisheries, Ratnagiri and also the study focused on the usage of e-resources by the faculty members and post graduate students of the College. The study also highlights the preferences and importance of online as well as offline resources among the users. Today availability of e-resources in an academic library is very common but their proper and maximum usage is a matter for study. A questionnaire was distributed among the 32 faculty members and 28 post graduate students to collect desired data. The study found that the majority of users are aware about the availability of e-resources. The result highlights that 76.66 % of respondents want to access e-recourses whereas remaining 23.34% users want to read in print format. The analysis reveals that many of the users search e-resources through the internet facility made available in the college library.

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WordPress-Best Open Source Software
Arati D Kabburi

H.O.D. of Library and Information Science dept
Government First Grade College, Gokak, Dist: Belagavi, State: Karnataka
e-mail: aratikabburi@gmail.com

Abstract:- WordPress is presently known as the most effective substance administration framework that most site proprietors utilize. The Best WordPress Theme Builder: Better workflow, speed, design, Easily build professional websites. Complete design system. No coding. No restrictions. This paper discusses about WordPress features, versions, limitations and implementing procedures.

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Impact of ICT on HRM Strategies in Libraries
Shirke Anil Ananda
Gogate-Walke College, Banda, Tal-Sawantwadi, Dist- Sindhudurg-416511

Abstract: - The ICT revolution demolished the traditional setup of each and every field of human activity. Information and Communication Technology (ICT) has changed the all perspective of Librarianship in the present days. Rapid developments in information and communication technologies (ICT) and their wide application in all aspects of life have led to dramatic changes. It alarms the buzzer to cope with new challenges posed by this revolution. Library profession is one of the most challenging professions in the digital era. LIS Professionals facing the challenges posed by the complex nature of ICT. The role of LIS Professionals becomes more dynamic in this digital world. This paper covers the role of LIS Professionals to enhance the quality of academic library services in ICT environment.

Key Words: ICT, LIS Professionals, Quality, Digital era etc.

An Overview of Library Automation
B.T. Deshmukh, Librarian,
Jijamata College of Science and Art’s, Bhende, Tal- Newasa, Dist. Ahmednagar 414603

Abstract: - Today’s world is living in an information age which has moving fast towards the digitization of information resources and use of information and communication technology provides information to the user. The present age is devoted to Information Technology. The area of Information Technology has occupied each and every Field. Library has collection of traditional as well as electronic resources. Now a day the Library Automation is very important in libraries. The concept of Automation is changing the shape, operation and function of the libraries. Automation has the potentials for satisfying library patrons reduced the manpower and readers should get the required information faster than manually.

Keywords: Library Automation; Information Technology; Software; Hardware
Abstract:- This study examines the 27 engineering college of SantGadge Baba Amravati University, Amravati. Investigates the domain systems of the websites, analysis the number of web pages and link pages and calculates the simple web impact factor, self link web impact factor, external link web impact factor and revised web impact factor and ranks the websites as per the WIF.

Keywords:  
Webpage, Website, Webometric, Link analysis, web impact factor, Engineering Colleges, SantGadge Baba Amravati University, Amravati.

DESIGNING LIBRARY WEBSITE USING BY WIX.COM

Shweta Suresh Borhade
M.P.S.P.S. MPSPS Degree College of Art, Sci. & Com, Bandra -51

Abstract:- The create web based environment for disseminate available information to his user. The development of ICT enabled academic professionals .Almost every institute suffer from the insufficient finance so now academic move towards free service which satisfy their needs. To satisfy the above need Library professionals need to change their pattern of services. In traditional way libraries use to give desk services to the user at library, then libraries give information through e-mails and other ICT tools. Now in this environment web offers new opportunities for libraries to move from being mainly providers of information on demands of information through publishing on the web. Many libraries provides web facilities by the creation of homepage or websites.Nowadays, there any many sites which enabled individuals without any technical skill or designing knowledge to build website on their own. There are several website which use various forms of content management system.
This paper describes the designing and development of an academic library website using a free website with wix.com. In this paper, step-by-step development of the website, different pages, and features are explained.

**Key words:** Website, Content Management Systems, wix.com

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**Information Seeking Behaviour of Doctoral Research Scholars in Social Science of Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur – A Literature Review**

Najim Hussain A. Sheikh, S. N. Sable**

M. Z. College, Desaiganj, Dist:- Gadchiroli

**Anand Niketan College, Warora, Dist:- Chandrapur**

**Abstract:** Since the year 2000, theories on Information Seeking Behavior have mushroomed a lot. With information flows assuming a state of flood thanks to internet, an information seeker can literally get lost and drown away. Doctoral Research Scholars seek substantial information inputs. Gone are the days when there were select books and printed material that was available which actually made it easier to seek information. In today’s era of powerful search engines that produce something like million results in a flash of a second, the research scholars face a dilemma in seeking information. Needs of information have undergone a change as well. They are dynamic and complex. At the same time, time available at the disposal is limited. This study has been planned to probe into the information seeking behavior of the research scholars in Social Science to understand the entire scheme of things related to their information seeking behavior. Before the study was carried out a review of literature was done and this article presents its results.

**Key words** – Information seeking behavior, Social Science, Literature Review
**Information Needs and Seeking Behaviour of faculty Members in Social Sciences of Affiliated Colleges of Gondwana University, Gadchiroli**

Sanjay D. Fulzele*, S.N. Sable**

* M.J.F. Arts College, Ashti
** Anand Niketan College, Warora

**Abstract:** Seeking information is a skill as a choice is involved. A wrong decision at the initial stage can mean a lot of waste for the information seeker. On the other hand a professional approach to seeking information can lead to efficiency and effectiveness. Social science is a dynamic field and faculty members require substantial information inputs for various purposes. The orthodox, crude, random and ad-hoc approach of seeking information is being replaced by a more systematic one. Faculty members today have no choice but to be rational in their information seeking behavior. A study under the title “Information Needs and Seeking Behaviour of faculty Members in Social Sciences of Affiliated Colleges of Gondwana University, Gadchiroli” was undertaken to understand this behavior of the researcher. This article presents the results of the study.

**Key words:** Information seeking behavior, Social Science, Literature Review

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**Assessment of Librarians’ Motivation in college libraries in Pune**

SANDHYA SATHE

TILAK MAHARASHTRA VIDYAPEETH, PUNE, MAHARASHTRA, INDIA

Email- sathe.sandhya@gmail.com

**Abstract:** One of the most important challenges face by human resource managers is to motivate their employees. There are many factors involved in the motivation process. In this research the researcher studied these factors and their effect on employees’ level of motivation working in college libraries. The survey method was used for data collection. The data was collected from 150 librarians working in college libraries in Pune with the help of structured questionnaire. The result revealed from the study that less salary, lack of job security, low appreciation and recognition, not involved in decision making , no opportunity given for training and development these factors block the motivation and performance of the librarians. On the other hand promotion, job security, participation in decision making are the factors that help to improve the level of motivation of librarians.
Abstract:- The development of knowledge management in recent years has become the key concern for librarians and libraries. This paper will review the development of knowledge management and will compare the differences between information and knowledge as well as between information management and knowledge management. It will also examine the role of librarians/libraries in knowledge management and suggests that librarians/libraries in the digital and knowledge age should be in charge of knowledge management in their respective organizations in order to leverage the intellectual assets and to facilitate knowledge creation.

Keywords: Knowledge management, knowledge process, organization pattern, data, information

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Application of Data Mining in Library and Information Science Field

Manohar R. Kondagurle
Shri. Manohar Hari Khapane College of Arts and Commerce, Pachal, Tal. Rajapur, Dist. Ratnagiri 416704
Email- mkondagurle007@gmail.com

Abstract:- Now a days, library and information science is most important and interdisciplinary field. Every discipline reader, user, researcher or scholar is highly connected to the library and information center and their expectations about information getting are increasing. So that, present library and information centre's responsibility is increasing to satisfy their needs and for better utilization of available resource of library. This paper proves that the application of data mining in the library and information science field is very necessary. By the data mining technique, library professionals can supply useful extracted information and knowledge from the databases in synthesized manner.

Keywords: Data mining, Information Mining, Knowledge Mining, Artificial Intelligent
Marketing of Information Products and Library Services In Academic Libraries
Pravin Raosaheb Mane
Librarian- Shrimant Babasaheb Deshmukh Mahavidyalaya, Atpadi Dist. Sangli
Affiliated to Shivaji University, Kolhapur.
Email- manepr01@gmail.com

Abstracts  Marketing of products and services is common for business industry but it unnatural for the libraries till last few years but it is now expected to become a routine practice. Today academic libraries need to be promoting their library products and services having enormous potential of budding intellectual and knowledge resources. Adoption of marketing skills and branding with sound strategy will lead academic libraries professionally in information industry. Marketing of library services opens the opportunity to academic libraries to connect with society with resource generations.

Key Words  Marketing of library services, academic libraries, marketing skills, information industry.

Green Libraries: An Emerging Concept
Shri. Pravin N. Pawar,
Dhandaimata Arts And Science College, Amalner, Dist. Jalgaon-425401
Pravin30575@gmail.com

Abstract:- A green library is a new emerging concept developing in recent years. Though the concept of green libraries is a recent and emerging but it is gaining momentum in the library profession. Many Professionals are trying to develop the concept in their working areas. In this communication, authors are putting efforts to analyse the areas, in which more possibilities in developing green environment in libraries. Authors focused on the green library concept, LEED, components of green libraries etc

Key Words:  Green Libraries, Green Librarians, LEED, Indian Green Building Council (IGBC), Green Library Movement and Initiatives, Green sustainability
LIBRARY AUTOMATION A OVERVIEW
Sangle Sandip Nanasaheb
Arts, Commerce & Science College, Ashoknagar, Shrirampur.
E-mail ID: Sandip.sangle1982@gmail.com

Abstract:- This paper focused on library automation. What is the need of automation in library and its characteristics, steps, barriers and advantages and disadvantages of library automation are discussed in this paper. The aim of library automation it is to provide the right information to right person, in right manner and in right time. While justifying purpose for library automation more than the cost effectiveness the benefits derived by the library users become the major consideration. Since library not an economic entity such benefits need to be looked at in a different perspective.

Keywords: Library automation, Library automation overview, Need of library automation

GREEN LIBRARIES : A NEW CONCEPT AND NEED
Kishor Manikrao Waghmare
kmwmbp@gmail.com

Abstract: Green Library also knows as a sustainable library, built with the intent to protect the Environment and community. Green libraries are a part of the larger green building movement. Constructing a green library building using a performance standard is a way some libraries are choosing to become green and sustainable. Environmental challenges like energy depletion and climate change will influence the type of information resources and programs libraries will provide to their communities. Green Libraries can serve in the way libraries have always served as landmarks in their communities. Green Libraries give pleasant environment to the user community. This article depicts the importance of this task & various methods for libraries to go green.

Keywords: Green Library, Environmental protection, Energy Efficiency, IGBC (Indian Green Building Council), Green Library Movement.
INFORMATION TECHNOLOGY AND SECURITY FOR DATA ACCESS FOR HIGHER EDUCATION SYSTEM IN INDIA UNDER RUSA SCHEME 
HIMMATSINGH MAHOR, 
JANATA COLLEGE, BAKEWAR, ETAWAH, UTTAR PRADESH, INDIA

Abstract:- Growing access and demand of electronic information, the academic libraries tend to operate their services in computerized network environment. The libraries are rapidly coming out from their hybrid library identity and functioning in fully web-based digitized infrastructure on the surge of ICT. The modern web-based digitized appearances of academic libraries are may be potentially vulnerable for range of cyber security threats and attacks due to basic ignorance and security flaws in network device, configuration, working culture, lack of awareness. In order to bring under the notice some common security flaws, vulnerabilities, associate threats and possible harms, the paper attempt to discuss with recommendations. In this context the basic structure of web based digital library management system and information access through user interface has been discussed. The librarian’s concern and most common attack such as command injection, Cross-site Scripting (XSS), improper user authorization and authentication, data security and physical access security explain with recommendations.


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Natural Language Processing and Digital Library Management System
Sanjay D.Raibole
Department of Library & Information Science
Science College Pauni
Sanjaydraibole24@gmail.com

Abstract:- The study of Natural Language Processing (NLP) has been developed since last 50 years or so, producing the bunch of now mature technology such as automatic morphological analysis, word sense, disambiguation, parsing, anaphora resolution, natural language generation, named entity recognition, etc. The rapid increase of large digital collections and the emerging economic value of information demand efficient solutions for managing the information which is available, but which is not always easy to find. This paper presents the requirements for handling
documents in digital libraries and explains how existing Natural Language Processing (NLP) technology can be used to build the task of document management.

**Keywords:** Digital Libraries, Document Management, NLP applications for Digital Libraries, Metadata, Content Processing, Content analysis, Automatic classification, Named entity recognition for Digital Libraries, Thesauri, Document and information retrieval

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**EFFECT OF I.C.T. ON INDIAN LIBRARIES IN HIGHER EDUCATION SYSTEM IN INDIA**

CHANDRASHEKHAR DHANRAJ WANI

K.C.E.S’s INSTITUTE OF MANAGEMENT AND RESEARCH JALGAON, MAHARASHTRA

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**Abstract:** Information and Communication Technology (ICT) have transformed Library and Information services globally. This article briefly explains the Information and Communication Technology, its definition and meaning and its components it explains ICT need and effect in libraries. It also explains the impact of ICT on libraries and Librarianship and challenges faced by librarians.

“Today success in global market place means creating and applying new knowledge which is to say new - faster than ones competitors. World winners will be those who develop talent, technologies and tools so that there is no competition.”

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**Automation of Dadapatil Rajale College, Adinathnagar: A Practical Approach Using VRIDDHI Software.**

Rajkumar P. Ghule


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**Abstract:** Automation of library is essential in 21st century. It makes libraries smart and offers many opportunities to improve services to library patrons. Information is essential for each and every human activity in the world. It pay a key role in the overall development of any nation
because it encompasses all findings derived from human knowledge and scientific research and forms the basis for future research and development. The explosion of information has rendered complexities control and dissemination though the last three decades have seen variety of successful efforts in this direction. The task of information generation has been facilitated by computers, especially on line access to databases, e-mail services through networking. Library automation, information and communication technology (ICT) etc. are famous in this age. This paper is throws light over library automation in Dadapatil Rajale College Library, Adinathnagar.

**Keywords** – Library, Automation, ICT, Internet, Computer

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**Library Automation: An Overview**
Kamalakar Madhukar Sawant
Arts, Commerce and Science College, Lanja
Sawantkm01@gmail.com

**Abstract:** This paper describes the concept of library Automation, Need of library automation, Advantages and disadvantages of library automation, Benefits of library Automation. Library automation, stated in single, is the application of computers and utilization of computer based product and services in the performance of different library operations and functions in provision of various services and production of output products. The main purpose of library automation is to help the librarian and library staff to carry out the library work in fast and accurate way and enhance libraries ability to function. We hear a lot about library automation in libraries and library automation is nothing but application of machines viz. computers to the routine library housekeeping operations such as acquisition, serial control cataloguing and circulation. Before proceeding into the depth of library automation, it is necessary to know the historical background of automation. Automation of library has passed through several of development,

**Key Words:** Library Automation† Automation, Library, Software, Hardware,
ROLE OF INFORMATION LITERACY IN ACADEMIC LIBRARY
Avinash Uttamrao Jadhao
Smt. Savitabai Uttamrao Deshmukh Mahavidyalay, Digras
Tq. Digras Dist. Yavatmal(MH) - 445203
Email: avianshjadhao20@gamil.com

Abstract: This paper is embrace a clear understanding the concept of information literacy and helpful to the library and librarian to achieve the success in terms of to provide empowerment through information. The main aim of this paper is to look at the meaning of information literacy as a library point of view, its facets and need. The paper also provides information literacy models related to education settings which are useful for academicians.

KEYWORDS: Introduction of Information Literacy, Models of Information Literacy, Need, Advantages, Role of College Librarian.

Role of Academic Libraries in E-Learning: An Overview
Prachee Waray
KRT Arts and Commerce College, Vani, Tal. Dindori Dist. Nashik
warayp@gmail.com

Abstract: - In this web enabled world technological era, E-learning has emerged as a boon to build knowledge skills among the learners. This paper highlights the role of academic libraries and their rapidly developing use of ICT. Its key focus and emphasis is on how the academic libraries influence the changes to teaching and learning. Libraries are repositories of knowledge and the tremendous growth in e-resources has forced librarians to use various information technology tools to manage, provide access to information resources and render services in an e-learning environment.

Keywords: E-Learning, Academic Libraries, Digital Libraries, ICT.
THE USE OF ELECTRONIC INFORMATION RESOURCES AND SERVICES IN MODERN LIBRARIES

Yekanath Ningappa
University of Horticultural Sciences Bagalkot, College of Horticulture, Halladakeri Farm, Hyd, Road, Bidar -585403 (K.S.)

yekanathnkamble@gmail.com

Abstract: Revolutionary changes and developments in the application of ICTs have made profound changes in each and every organization all over the world. The field of library and information science (LIS) is not an exception to this phenomenon. There is paradigm shift from print media to electronic media; from ownership of documents to access to information; intermediary to end-user model of services; and from location of specific libraries to digital/virtual/hybrid libraries. In today’s rapid changing world, information needs of users are met through a plethora of sources.

Keywords: Electronic information, Modern libraries, Electronic media, electronic resources.

Zotero: reference management tools for research scholars and Academicians

Thakare N.B.1, Patil Deepak Ramesh2

1ACS Onde, Tal-Vikramgad, Dist-Palghar 401 605 (Maharashtra, India)
2Khandesh Education Society’s Pratap College, Amalner Dist. Jalgaon 425401 (Maharashtra, India)

nanabhau10@gmail.com, drpatil17@gmail.com

Abstract:- The present paper discusses on reference management tools, and its values in managing the bibliography. Compiling bibliography manually is quite tedious job. Now a day’s plenty of open source bibliographic management tools are available. Zotero is one of them management tool as it is open source and so easy to handle. Also the present article focuses on how the features and function of Zotero as reference managing tool and how it is best one for research scholars and academician.

Key words: Zotero, Citation, reference management tool, open source software.
Content Analysis of The Journal of Indian Library Association
Ramkisan A. More1, Nandkishor Motewar2
1Navnirman Shikshan Sanstha’s Laxmibai Sitaram Halbe College of Arts, Commerce and Science, Dodamarg, Dist. Sindhudurg
2G.B. Tatha Tatyasaheb Khare Commerce, Parvatibai Gurupad Dhere Arts & Science College, Guhagar, Dist. Ratnagiri
E-mail: ramkisanmore@yahoo.com, motewar.nandkishor@gmail.com

Abstract: - The Journal of Indian Library Association (JILA) is one of the reputed, well established and leading bimonthly journal in the field of library and information science. In the present research researcher has analyzed 54 articles published in the Journal of Indian Library Association from 2016 to 2018. In this research researched has discussed various aspects of the journal, such as Authorship pattern, distribution of articles, authors productivity etc.

Keywords: Content Analysis, Journal of Indian Library Association, Journal, Authors.

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A study of “INNOVATIVE PRACTICES IN THE STC COLLEGE LIBRARY AND INFORMATION CENTER, BANAHATTI”
Y B Koradur
STC College, Library and Information Center, Banahatti.
koradur.yallappa779@gmail.com

Abstract: This is the modern era of advances in almost all fields of human growth. Emerging information explosion and the revolution in science - technology and communication are affecting day to day transactions and interactions all over the world. Worldwide social, economical, political, educational, industrial and cultural organizations are proving as backbone of the sole existence and development of human being. Libraries and information centers are playing an important role in keeping well informed these organizations and the society as whole, with most up-to-date information. Therefore services provided by such information centers are very significant. Also in this ICT era, the role of the libraries and information centers has been changed drastically. They have to deal with all types of novel technology. They have to be familiar with the new and universal trends in handling the information and providing prompt as well as accurate services. In field of higher education, the College Libraries have vital role to play. Library and
information center of Shree Tammanappala Chikkodi College Banahatti, shouldering its responsibility towards catering the information requirements of upcoming leadership in the field of requirements of the user community. In our paper, taking STC College, library and information center as a case study, an attempt has been made to highlight the innovative practices adopted in the mode of delivering the library services. This paper aims to explore how technology helps in promoting innovative library service in today’s digital environment.

**KEYWORDS:** College Library, ICT Environment, Innovative Practices, STC College Library and information center.

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**Role of Academic libraries in Educational development in ICT era.**

Prajakta P. Mhaprolkar  

pmhaprolkar@gmail.com

**Abstract:** Academic Libraries are viewed as an important component of education, without the library no meaningful educational efforts can be carried out. Generally, education is considered to be the imparting and acquiring of knowledge through teaching and learning, especially at a school or similar institution. Functional education involves skills needed to cope with everyday situations. The importance of the library in educational cannot be over-estimated. Thus the libraries have an essential and close bearing upon the advancement of education and learning at all levels for all the times to come. This paper discuss about the role of academic Libraries in education development in ICT era, Its also discuss the role of Librarian in education development in ICT era.

**Keyword :** Academic Libraries, ICT era, Educational Development, Librarian

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Recent trends in Library sciences data base
(With a special reference to INFLIBNET Centre)
Deepak R. Nikalje
Tuljabhavani Mahavidylaya, Tuljapur dist. Osmanabad
Email: dnikalje147@gmail.com

Abstract:- The aim of this paper is to analysis the users and e-resources available in National Library and information services infrastructure for scholarly contents i.e. N-LIST. Because of N-LIST become a more popular and made innovative practices for providing lot of online resources to the users. Now a days, near about 3072 Government and Government aided colleges as well as non-aided colleges involved in N-LIST in 2018 as a users.

In India, Higher Education systems are changing rapidly because of information and technology. National Library and Information Services Infrastructure for Scholarly Content (N-LIST) are helpful to achieving high goals in Education sectors. In this paper are only base of secondary data related to INFLIBNET Centre.

In all over the India, total universities are 700 in 2018 and colleges are 35204. It figures shows that, the uses of INFLIBNET center are 14.09 percent. Therefore, it shows that, most of the institutions are not use online resources in India.

NEED OF INFORMATION SEEKING BEHAVIOR AMONG PG STUDENTS
Ms Padmavati Tubachi
Rayalseema University Karnool
E-Mail: padmashalvegar@gmail.com

Abstract:- The concepts defining information, information needs, information seeking and information use have undergone significant evolution since they were first introduced. A number of information seeking and retrieval studies seem to focus on these concepts, albeit in different ways. It is widely understood that concepts form the basis for describing and explaining phenomena and processes in a field of study. Within the field of Information Science, many of the concepts used need to be understood in terms of research context, as a variety of meanings can be attached to most concepts. This in turn may be of interest to researchers and students within this field. The article concludes that context should be the foundation for any research within this field,
with the observation that many of the models discussed describe general information seeking behavior, without catering for variations.

**Keywords:** Information Seeking

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**HOW TO WRITE RESEARCH PAPER AND PUBLISH IN JOURNAL**

Radhika Kulkarni

JSS College of Education, Vijaypur, Karnataka State

Email: radhumk05@gmail.com

**Abstract:** This paper outlines the logical steps to writing a good research paper. To achieve ultimate excellence in anything you do, you need more than just the knowledge. Like the Olympic athlete aiming for the gold medal, you must have a positive attitude and the belief that you have the ability to achieve it. That is the real start to writing a research paper. It borrows from the literature on paper writing and publishing and gives examples from the social, natural and technical sciences, since the prestige associated with different types of publications varies greatly by discipline. The structure of a research paper comprises three core parts, namely introduction, body and discussion. The progression of the thematic scope of a paper within these parts typically follows a pattern called the ‘Hourglass Model’ (see Figure 1, light-grey parts; cf. Swales, 1993). However, there are additional parts of a paper with similar importance. These are title, abstract, introduction, body, discussion and references. Davis (1997) gives the set of rules for technical and scientific writing. The selective focus here is on journal articles and conference papers, since in most disciplines – particularly those with relevance for technology-enhanced learning – either (or both) of these publications is what gets researchers promoted. The craft of writing and publishing papers in technology-enhanced learning conferences and journals is less mature than in established disciplines from the social and other sciences. However, covering all these disciplinary facets in detail is beyond the scope of this paper. The paper therefore aimed to provide early-stage researchers with an introductory guide to this complex matter, raising awareness of the fact that very simple rules and guidelines might have a lasting impact on the personal career at large.

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Best practices in MSP Mandal’s R. B. Attal College Library: A Study
Mr. Pagore R. B.
MSP Mandal’s R. B. Attal College, Georai Dist. Beed
Pranjeet23@gmail.com

Abstract: This paper discusses the best practices implemented in the college library. Role of libraries in the era of digitization and information explosion is very important, library try the level best to provide the maximum service to the stakeholders of college. It discusses importance of introducing best practices in academic library to enable it to improve its process and activities, optimize resource utilization and deliver high quality, efficient services to library users. In this paper I have discussed the best practices in the library of MSPM R. B. Attal College, Georai Dist. Beed. Role of NAAC in college library development is very important, so NAAC tries to develop library through the library best practices in their publication “Best Practices in Academic Libraries”.

Keywords: Academic Libraries, ICT, Information Literacy, NAAC, Library Services, User Education

National Digital Library of India: An overview
Nandkishor R. Motewar
Librarian, Khare Dhere Bhosale College, Guhagar, Ratnagiri
motewar.nandkishor@gmail.com

Abstract: This paper introduces the concept, features and advantages of Digital Library. Discussss the structure and utility of National Digital Library of India.

Keywords: National digital Library of India, Digital Library, NDL

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Makers Space: A tool for developing libraries
Ajit S Sonawane
MES College of Engineering Wadia College Campus Pune 411001
drajitsonawane@gmail.com

Abstract: Library is a growing organism. The information is the common base where researchers do research and produce more knowledge. Earlier libraries were very small in concept of Indian Scenario. Due to explosion of knowledge, transformation of information using Information and
communication technologies the information is recorded and stored in multiple resources including space of libraries as per the norms. In the current scenario a librarian position and working condition is completely in a changing faze The users retrieve information from books guides, online resources, and journal articles for higher education using print and electronic devices with limited space. The author discusses how the Maker Space concept will attract the users towards motivation and self-development using library facilities in the ICT and digital Era. This concept creates and develops learning skills with new ideas practically in the library. Maker space is a place for smart librarian around the globe to attract the users towards the library for achieving new goal.

**Key words:** Libraries, Digital Libraries, ICT, Maker space

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**The Empirical Study of Consumers Cognizance & Perception Level Towards Online Marketing. (Special Reference to Jalgaon City.)**

**Hemangi V. Mahajan, Madhura M. Bhope**

Godavari Institute of Management & Research, Jalgaon  
hemangi.mahajan029@gmail.com, madhurabhope123@gmail.com

**Abstract:** In the age of globalization online marketing is observed as one of the biggest and vital revolution. From last couple of years it is observed that number of business entities issuing different strategies and technologies to have expected profit. For promoting product and services online the Entities usually use electronic device as better marketing strategies for better performance. Marketers use devising strategies to meet the call of online buyers; and to use the strategies in a proper sense Marketers need to study behaviour and Attitude of prospect in the field of online shopping to construct a proper framework and find suitable marketing strategy. This paper aims to establish an initial assessment, evaluation and understanding of the different characteristics of online Marketing. Researcher also made an attempt to Study Consumers cognizance level towards online marketing.

**Keywords:** Prospects, Online Marketing, Perception, Cognizance

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Role of Innovation in Women Entrepreneurship and Empowerment: An Empirical Research

Pushpalata S. Patil, Deepali S. Patil
KCES’s Institute of Management and Research, Jalgaon
E-mail- pushpa_patil10@rediffmail.com, jgdeepa@yahoo.co.in

Abstract:- Though the women is considered as a Goddess Laxmi, Saraswati and Mahakali in India she is facing the discrimination in every field of her life right from birth to the end of life. It is assumed that the women are less productive and constructive than men and this thinking makes the limitations of providing opportunities for women. As the Indian society is male dominated, they are thinking that women are dependent for everything in their life. She is lacking of decision making power, risk taking ability. She is facing orthodox and traditional mentality about her decision making ability. She is considered that creativity and innovative thinking is not her domain part. In every sector she is struggling because of only that she is a women. Men are always denying the empowerment of women by leaving them to take back side after them. Gender discrimination, inequality in society causes devaluation of ethical, moral standards of women in society. Entrepreneurship is predominantly owned by males in Indian society. Women are not ready to approach at the front side of business. Though the business is run by women, the decisions are taken by men. Gender discrimination causes the different policy framing for Government also. For the development of nation it becomes necessary to frame policies to motivate for the creative and innovative ideas for the nourishment of women entrepreneurship. Today is the era of transformation of everything. Whatever today is new tomorrow it will be old. Technological innovation also impacts the empowerment of women in rentrepreneurship as they have to transform themselves and update with the current changes. The paper has given the the role of innovation in women entrepreneurship and empowerment in recent era. The research has studied the five causes to identify the need of women entrepreneur to strengthen the economic growth of the nation.

Keywords: Creativity, innovation, women empowerment, gender equality.
ABSTRACT: In recent years, the concept of physical literacy has gained increasing international political attention and has been integrated into several educational and sport policies. The promotion of physically literate individuals, through their participation in physical education programs, is a somewhat recent goal. Physical literacy includes the ability to read what is going on around them in an activity setting and react appropriately to those events. The concept highlights “the developing and maintaining of all-round embodied competence, together with positive attitudes towards this sphere of human activity”. To understand the concept of physical literacy it is important to understand a few terms which are movement vocabulary, movement fluency, physical proficiency and physical literacy (literacy aligned definition). The elements of Physical Literacy are movement comprehension, movement proficiency, movement diversity, movement environments, movement sequencing, movement selection and modification and movement confidence. Physical Literacy consists of four domains physical, psychological, social and cognitive. Each of these domains have elements as follows: Physical Domain: Movement Skills (Land), Movement skills (Water), Flexibility, Movement using equipment, Agility, Object manipulation, Strength, Cardiovascular endurance, Reaction time, Muscular endurance, Speed, Coordination, Power and Balance. Psychological Domain: Motivation, Self-regulation (Emotions), Self-regulation (Physical), Self-awareness, Confidence, Engagement & enjoyment. Social Domain: Ethics, Relationships, Collaboration, Safety & risk, Society & culture and Connectedness (Community & environment). Cognitive Domain: Awareness, Content knowledge, Rules, Purpose & reasoning, Strategy & planning and Tactics. There are five levels of development pre-foundational (level 0), foundation & exploration (level 1), acquisition & accumulation (level 2), consolidation & mastery (level 3), transfer & empowerment (level 4).

Keywords: Physical Literacy, domain, elements, level
**Approach of Parents towards Female Participation in sports**  
*Shrinivas B. Patil*  
*Physical Education, D.R.Mane Mahavidyalaya, Kagal*

**Abstract:** Educational institutions provide intensive training to the students through planned curricular and co-curricular activities. Curricular aspects involve teachers and students’ academic interaction and follow up through class or home assignment. The co-curricular activities of the students improve their inner skill, enhance their creativity and inspire them for a future leading role. Co-curricular activities improve academic social, physical and cognitive development of the children. The present study has been designed to study the approach of parents towards participation of female students in co-curricular activities. This study will focus on the important role played by psychosocial factors influencing why some girls participate and while others do not participate in sports. In this study an attempt has been made to discuss some of the problems against women’s involvement in sports. The findings of the study reveal that majority of the parents possess positive attitude towards female participation in sports. Besides this some psychological constraints stops some parents in showing the positive attitude.  

**Keywords:** Approach of parents, participation in sports, female participation, psychological constraints

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**YOGA AND STRESS**  
*Mane B W*  
Physical Director, Swami Vivekanand Mahavidyalaya, Shirur Tajband

**Abstract:** Yoga is a multifaceted spiritual tool with enhanced health and well-being as one of its positive effects. The components of yoga which are very commonly applied for health benefits are asanas (physical postures), pranayama (regulated breathing) and meditation. In the context of asanas, yoga resembles more of a physical exercise, which may lead to the perception that yoga is another kind of physical exercise. This article aims at exploring the Stress is a common condition, a response to a physical threat or psychological distress that generates a host of chemical and hormonal reactions in the body. In essence, the body prepares to fight or flee, pumping more blood to the heart and muscles and shutting down all nonessential functions. As a temporary state, this reaction serves the body well to defend itself when the stress reaction is prolonged; however, the normal physical functions that have in response either been exaggerated or shut down become
dysfunctional. Many have noted the benefits of exercise in diminishing the stress response, and a host of studies points to these benefits. Yoga, too, has been recommended and studied in relationship to stress, although the studies are less scientifically replicable. Nonetheless, several researchers claim highly beneficial results from Yoga practice in alleviating stress and its effects. Yoga is a promising approach for dealing with the stress response.

**Keywords**: Yoga, asana, pranayama, stress, mindfulness

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**Casting of vote – Duty of every voter**

Abhinandan Ashok Boragave
Ratnagiri Sub Centre, University of Mumbai
E-mail: abhinandan.boragave007@gmail.com

**Abstract**: The people avoid voting because of variety of reasons thereby making the percentage of voting less. Even the educated voters keep themselves away from voting. If voters avoid voting, the resulting picture would not be reliable. This paper attempts to put forward some measures that if adopted, may increase the percentage of voting. The nature of these measures can be both rewarding or punishing. Those who make others vote thereby increasing the percentage of voting can be rewarded while those who do not vote, can be punished. This paper also focuses on some ways using which the defaulters can be identified.

**Key words** educated voters, upper age limit for voting, students – admission, signature as a token of voting, specific stamp, Government scheme, constituency allowance, fundamental duty, citizenship.

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**STUDY OF ANXIETY LEVEL BETWEEN TEAM GAMES AND INDIVIDUAL GAME PLAYERS OF BELAPUR**

Sanjay M. Nawale
Arts & Com. Collage Belapur, Tal. Shrirampur Dist Ahmednagar
Pin - 413715 (M.S.)
E-Mail – sanjaynawale100@gmail.com

**Abstract**: It is purpose to study anxiety between the term game player and individual game players of Belapur. The samples are taken randomly and among them 25 are team game players.
and 25 are individual game players. The age of these students is between 18 to 23. For the study, the anxiety is considered with the help of state Trait Anxiety Inventory developed by Charles D. Spielberger, Reichard L. Gorusch, Robert E. Lushene. To study the level of anxiety between team game players and individual game players descriptive statistics is used. The significance level of significant is set as 0.05 level. Thus the significant deference is desired between team game and individual games players in relation to anxiety, because the t-value 9.850 was also P-value was lesser than 0.05 level of significant Team game players are having more anxiety than the individual game players.

**Key Word:** Anxiety, Team Game, Individual Game.

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**Hydrothermal synthesis of TiO$_2$ nanoflowers for UV photodetector**

S. M. Kumbhar, S. K. Shaikh, K. Y. Rajpure*

Electrochemical Materials Laboratory, Department of Physics, Shivaji University, Kolhapur 416004, India

E-mail address: rajpure@yahoo.com

**Abstract:** The TiO$_2$ nanoflowers were prepared by using single step hydrothermal method. The TiO$_2$ thin films were deposited by using titanium isopropoxide as a precursor. The deposition was carried out on the glass substrate at 160°C for different time period varying from one to six hours. The films were annealed to remove the impurities and to enhance the purity at 450°C for 1 hour. The various characterization techniques were done to study structural, morphological and optical such as XRD, FESEM etc. The X-ray diffraction analysis shows polycrystalline TiO$_2$ having tetragonal crystal structure and it exhibits rutile phase. The FESEM showed nanoflower morphology. The fabricated device shows good response in the ultraviolet region of electromagnetic spectrum.

**Keywords:** Titanium dioxide, Hydrothermal, XRD, SEM, UV photodetector etc
Perception analysis of employees of Foundry Industry in Shiroli MIDC area of Kolhapur District.

Gajanan J. Salunkhe* and R. B. Patil

*YCSRD, Shivaji University Kolhapur, MS-India.

bDepartment of Accountancy, Anandibai Raorane Arts, Commerce and Science College
Vaibhavwadi, Sindhudurg, MS-India.

Email – ranjitsinh00@rediffmail.com

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ABSTRACT:
The purpose of this study is to explore performance appraisal system of employees in Foundry industry in Shiroli MIDC area of Kolhapur District. A questionnaire is prepared by considering perception analysis of the employees considering all objective of the study. Sample size of 100 employees of Foundry is taken by convenient sampling method. Responses were collected by asking questions according to the questionnaire. Performance appraisal is a very effective system for evaluating the performance of employees. It helps employee to understand the usefulness of performance appraisal in day to day function of the organization. It helps to find out current performance of employee and planning for the future development in organization. It helps to understand the employee’s key area for the improvement which will help employee for promotions, incentives, transfers etc.

Keywords: Performance appraisal, Perception, Human resource development, Foundry

AN ANALYTICAL STUDY OF WORK LIFE BALANCE WITH REFERENCE TO HOSPITAL INDUSTRY IN KOLHAPUR CITY

R.B.Patil*, Gajanan J. Salunkhe

*Department of Accountancy, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Sindhudurg, India.

[YCSRD, Shivaji University Kolhapur, India.]

Email – ranjitsinh00@rediffmail.com

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ABSTRACT:
Work Life Balance is Human Resource concept which focuses on individual well being in both personal and professional life. It is looking beyond professional life of employee so the employee will have satisfaction and rate of attrition in organisation will go down. The study here covers the analytical study of work life balance with reference to Hospital Industry in Kolhapur city. The research article is an effort to understand whether the support staff of hospital
industry is having work life balance. The research attempt to understand the wok-life balance of support staff of employees in hospital industry for their professional as well as personal well being.

**Keywords:** work life balance, Perception, Human resource development

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**STUDIES ON EFFECT OF DOMESTIC ACTIVITIES IMPACTS ON WATER QUALITY OF RIVER BORI NEAR NALDURG OSMANABAD DISTRICT MAHARASHTRA.**

A. D. Babare*, S. N. Shaikh**, and M. G. Babare*


**ABSTRACT:**- The present investigation reveals that, the effect of various human activities impact on the water quality of Bori River near to the District Osmanabad. The investigation is important to the health, hygiene; agricultural as well as industrial problems of the inhabitant are co-related to the surrounding water resources. In this investigation the monthly testing of physic-chemical parameters of surrounding water resources monthly. In this we analyzed the temperature, pH, and turbidity, T.D.S., D.O, Free CO$_2$, Alkalinity and Hardness. The work was carried throughout year 2017.

**Key-words:** - domestic activities – Bori river water quality.

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**Green synthesis of silver nanoparticles using Eclipta alba leaf extract and their characterization**

S.K.Mengane*, R.M.Waghmare

Department of Botany, M. H. Shinde Mahavidyalaya, Tisangi, Kolhapur,416226, India

*Corresponding author Tel.: + 91-8275359993
Email id:skmengane@rediffmail.com

**Abstract:**- In the present study, biosynthesis of silver nanoparticles by using leaf extract of *Eclipta alba* and their characterization techniques were investigated. Silver nanoparticles were rapidly synthesized using leaf extract of *Eclipta alba* and the formation of nanoparticles was observed within 10 min. The results recorded from UV–vis spectrum, scanning electron microscopy (SEM)
and Transmission electron microscopy (TEM). Nanoparticles almost spherical in shape having a size of 10–20 nm are found. UV-visible study revealed the surface plasmon resonance at 452 nm.

**Key words:** Silver nano particles, *Eclipta alba*, UV-visible, TEM, SEM.

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**Revision on Genus Cullen Medik (Fabaceae) from Maharashtra State, India.**

**Vijay A. Paithane* & A .S. Bhuktar**

Department of Botany, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi Dist- Sindhudurg, 416810 (M.S.)

Department of Botany, Vivekanand Arts, Sardar Dalipsingh Commerce and Science College, Samarth Nagar, Aurangabad, Maharashtra 431002, India.

*Email: tiliaceae20384@gmail.

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**Abstract:** While working on genus Cullen from Maharashtra. Author have an opportunity to collect live specimens from different locality of Maharashtra State. The *Cullen* is genus of tribe Galegeae of family Fabaceae represent, four species in India. It accounts two species namely *Cullen corylifolium* (L.) Medik and *C.plicatum* (Delile) C. H.Stirt from Maharashtra Among two species *Cullen plicatum* (Delile) C. H.Stirt is rare in Maharashtra and India. The Present paper deals with revision of *Cullen* which contains Systematic positions, citation, brief descriptions; key, Illustration and incorporate a note on *C. odoratum* Blatt. & Hallb. are presented.

**Key Words:** *Cullen*, Revision, Maharashtra, *Cullen plicatum*, rare.

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**Biodiversity of Aquatic Animals Alni Dam at Alnigaon, Distric Osmanabad Maharashtra India**

**Dr.S.B.Patil And Guidenceby Dr. H.K.Jadhav**

Dept. of Zoology A.S.C.College Naldurg(MS)

**ABSTRACT:** This Dam Located On 18.2816°North and 76.0102° East Tahsil and District Osmanabad (M.S.) India Constructed in 1972. It is a natural Dam and with a large source of Aquatic Animals including certain protozoons Molluscs Arthropods other animals and aquatic plant, which are commercially important to man and enverment. This dam is also for drinking and irrigation water for nearly about irrigation and domestic etc. The present investigation was carried out to study biodiversity of certain aquatic animals with reference to Arthropods
Ptotozoos, Molluscans from Alni Dam water body during the period from Oct 2017 to Nov 2018, One year. The Result were confirmed the occurrence of the species and one Genus belongs to one order of protozoa, 3 species and 3 genus belongs to 3 Order of Molluscan, 7 species and 6 genus belonging to 4 order of Arthropods. The Result shows with rich biodiversity of aquatic Animals.

Keywords: Biodiversity of aquatic Animals, Fishes, Arthropods, Protozoons, and Molluscans in Alni Dam.

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‘Arvind Adiga’s The White Tiger : Study of Social Issues’
Santosh M. Akhade
Department of English, Arts and Commerce College, P.O. Phondaghat, Tal. Kankavali, Dist. Sindhudurg 416 601

Arvind Adiga was born in India in 1974, and educated in India and Australia. Adiga began his journalistic career as a financial Journalist interning of the Financial Times. He was also a farmer correspondent for Times Magazine in India. Adiga’s articles appeared also in Financial Times, Independent and Sunday Times, during his freelance period. He currently lives in Mumbai India. Adiga’s debut novel, The White Tiger won the 2008 Booker Prize. He is the fourth Indian born author to win the prize. Salman Rushdie, Arundhati Roy and V. S. Naipal are these writers to bag the Man Booker prize.

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“Self-Esteem, Self-Expression and Became the Voice of Women: A Comparative Study”
Dinesh Sitaram Betkar
Department of English, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi, Dist: Sindhudurg-416810, (M.S)

Abstract: The autobiography, The Weave of My Life by Urmila Pawar deals with the lives of the Mahars of Maharashtra. It problematizes the major issues of class, caste and gender in the Indian context. It highlights the dual oppression or double marginalization of the Dalit women on the basis of caste and gender. Apart from recording a woman’s discovery of selfhood and
constitution of her identity through her struggle with poverty, caste barriers and patriarchy, it also offers a background picture of the Indian (especially Maharashtrian) culture including interpersonal and inter-communal relations, clashes and tolerances. Urmila Pawar reclaims her memory to locate the Mahar community before it was impacted by Dr. Babasaheb Ambedkar, and tells a consequent tale of redemption wrought by a fiery brand of social and self-awareness. The Heart of a Woman is a memoir recounts events in Angelou's life between 1957 and 1962 and follows her travels to California, New York City, Cairo, and Ghana as she raises her teenage son, becomes a published author, becomes active in the civil rights movement, and becomes romantically involved with a South African anti-apartheid fighter. One of the most important themes of The Heart of a Woman is motherhood, as Angelou continues to raise her son. The book ends with her son leaving for college and Angelou looking forward to newfound independence and freedom.

**Keywords:** caste barriers, self-awareness, Dr. Babsaheb Ambedkar civil rights movements

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**To study the influence of Home Environment, joint and nuclear families on the academic achievement of the students**

Ramesh M. Gulde  
Asst. Prof. in Psychology, ARACS College, Vaibhavwadi Dist. Sindhudurg-416810  
ramesh gulde25@gmail.com

**Abstract**  
In this present study researcher is trying to find out relationship between home environment, family types and academic achievement of students. HEI plays important role in the development of students for the Academic achievement in this present study 100 male and 100 female are selected from the joints and nuclear families FYBA, FYBCOM and FYBSc students. It is found that Co-Relationship between HEI, families and Academic achievement of the students.  

**Keywords:** home environment, family and academic achievement.

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ECOFEMINIST PERSPECTIVE IN ATWOOD’S SURFACING

Vandana C. Kakade
Department of English, Anandibai Raorane Arts, Commerce and Science College, Vaibhavwadi
Email: vckakade@gmail.com

Abstract:- The present paper studies the Canadian writer Margaret Atwood’s well known novel Surfacing (1972) from the Ecofeminist perspective. Ecofeminism connects the exploitation and domination of women with that of the environment. It gives a voice to women's rich and varied relationships with both society and nature. Ecofeminists essentially start with a positive and constructive connection of women with nature leading on to question the unjustified domination and exploitation of both. In Surfacing, patriarchal power directly oppress both women as well as nature. The novel introduces the issues of feminism and environmentalism and constitutes the literary representation of ecofeminism. The nameless protagonist of the novel, an ecofeminist, returns to the undeveloped land, Northern Quebec, where she grew up, in search of her missing father. Her encounter with nature makes her realize the gap between her natural self and her artificial construct. Her association with nature makes her conscious about the exploitation of women. The language, characters and events in the novel reflect a world in which both women and Nature are dominated by patriarchal and colonial power.

Key Words: ecofeminism, environment, women and nature

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Librarian’s role in managing the open data

Bhakti Gole
Research Scholar, Department of Library and Information Science,
Tilak Maharashtra Vidyapeeth, Pune 411037
Email: brgole@gmail.com

Abstract: Open data is a type of open access resources available freely to all on Internet. The open data and its management is relatively new concept but slowly gaining importance for its various uses. Librarians can play an important role in open data management with existing skills and also with proper training for some technical skills.

Keywords: Open Data; Open Data Management
A Study of Postmodern Cyberpunk Science Fiction in Gibson’s *Neuromancer*

Banasode Ramadas Shamarao
Raje Ramrao Mahavidyalaya Jath (Maharashtra)
ramdasbansodeindia@gmail.com

Abstract: Cyberpunk, the sub-genre of science fiction is a part of enormously exciting development in the postmodern culture. Being a key component of postmodernism, Cyberpunk, the recent literary trend, had redefined current understandings of science fiction. It is remarkable to note that postmodernism as well as science fiction are usually resistant to arrive at any complete definition. Due to the advanced technological and scientific achievements, the depiction of human life in cyberpunk literature is very complex for comprehension because the elements such as artificial intelligences, laser, hackers and neon in William Gibson’s cyberpunk novel Neuromancer (1984) play the role of part and parcel to explore the postmodern culture of the 21st century.

Keywords: Cyberpunk, Postmodernism, Science fiction, feminism, binary opposition.
EFFECT OF SPORTS PARTICIPATION BY THE PARENT ON PHYSICAL FITNESS OF THEIR CHILD

Jayashing Yashwant Naik
Physical Director, Bar. B.K. College, Vengurla

Abstract: The objective of the present study was to analyze the Influence of selected socio-economic condition factor, “sports participation by the parent” on Physical Fitness of college male students. With the assistance and help of the experts in the field of Physical Fitness, Physical Education, Sports and previous researches on these areas, a comprehensive and suitable Physical Fitness and Socio-economic factor package was evolved. 480 male college students were randomly selected from twenty one academic colleges of University. For this research, AAHPERED Youth Fitness Test for Physical Fitness and Questionnaire for Socio-economic condition data of the same students was organized for the purpose of finding out the effect of “sports participation by the parent” on Physical Fitness. The obtained Physical Fitness score and Socio-economic condition factor, “sports participation by the parent” score were analyzed by using analysis of co-variance for significant influence of “sports participation by the parent” on Physical Fitness. The researcher has studied all samples in two groups.

The groups were as below;
A. Rural and Urban area all students.
B. Tribal and non-tribal area all students.

Analysis the data by use of SPSS programme and find out the mean score of sports achievement by the members of the family, mean score of Physical Fitness of the sample and "F" values in all four groups and compare the result.

The calculated 'F' value of rural area all students is 1.634, Non-tribal area all students is 1.641 and were significant at both 0.01 and 0.05 levels whereas tribal area all students is 1.531, were significant at 0.05 levels. Urban area all students is 0.758 not significant at both levels.

Keywords: Physical Fitness, ST & Non-ST, Sports Participation
Biodiversity and Environmental Balance

Anand Prabhakar Bandekar
Dept. of Political Science, Br. Balasaheb Khardekar College, Vengurla, Dist. Sindhudurg.
416516
Email Id : anandbandekar75@gmail.com

The existence of Human being, like any other living organism on the earth is completely dependent upon biodiversity and thus protection and conservation of it has become need of an hour. Today’s biodiversity is the result of the evolution of more than 4 million years. Some of the animals and plants on earth exist even since before the human evolution. Human being is the last product of this evolution. Human being cannot survive without this biodiversity. The health and future of human being is so completely dependent upon biodiversity.

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Marketing of Public Library services: As Rejuvenation means in Maharashtra

Kiran Raikar
B.K. Birla College of Arts, Science and Commerce, Kalyan (West) – 421 304, (Maharashtra) India
kiranraikar@rediffmail.com

Abstract
With India’s growing economy and status as an emerging world power, new governance initiatives like Smart Cities, Digital India, Skill India and others there is need to reinvest in public library services. As part of National Knowledge Commission’s (NKC), recommendations for improving India’s knowledge infrastructure a set of recommendations has been developed to improve India’s long neglected library system. The changing user needs, and the advancement of ICT has forced library professionals, local bodies and Government authorities to rethink the public library concept and design for playing an effective role as a physical place in the present and future knowledge society. This article explores the changing role of public libraries in society with a specific focus on marketing of public library services for their revitalization in the state of Maharashtra.

Keywords: Public Libraries, Knowledge Society, Marketing Library services

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Abstract:- The study was conducted to know the use of library collection by the students and teachers of MVP’s KSKW Arts, Science & Commerce College, Cidco, Nashik. Descriptive methodology was used for the study. Data was collect from circulation data of the year 2016 and 2017. Finding of the study indicates that 33% of the books was used from the total available Collections.

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A Study of Disaster Management Plans Prepared by College Libraries in Ratnagiri District

Sudhir P. More
Librarian, D.B.J. College, Chiplun, Dist. Ratnagiri
E-mail: spmorecpn@gmail.com

Nature is the God’s best gift to the human. Many sources are generated from nature; even total life science is depended upon nature. Nature provides us food, shelter and various useful resources. Nature performs major miracles for us every day – from giving us great views and helping to prevent floods to regulating the weather and keeping us supplied with clean water, fresh air and plentiful food. This kind of human-nature relationship is existed since the origin of human life. Human snatches various things from nature, whereas, nature never asks human anything in exchange of it. Human life is often suffered by nature. Due the extensive intervention of human in nature’s settlement, there are possibilities of eruption of nature’s hazards.

Keywords: Natural disasters, hazards, library management, rain-fall, management plan, library
Availability and Acceptance of e-books Models: a case study of Jayakar Knowledge Resource Centre, SPPU

Vrushali Vishnu Borkar¹, Rajendra Marwade²
¹Tilak Maharashtra Vidyapeeth, Pune
²Pemraj Sarda College, Ahmednagar
vrushalikhilari@gmail.com, marwaderajendra@gmail.com

Abstract: The present article focuses on the various e-books models available in India. The advantages and disadvantages of each pricing model are also considered in the article. Jayakar Knowledge Resource Centre which is the Central library of Savitribai Phule Pune University acquired a huge number of e-books. The present article also studied the methods and pricing models used by Jayakar KRC to acquire e-books. The article will help library professionals to select pricing model out of the available e-books models.

Keywords: E-books, E-books Pricing Models

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Growth of E-commerce in India

Kale N.B.¹, Nagare B.K.²
¹Tuljabhavani Mahavidyalya, Tuljapur Dist. Osmanabad
²R. P. College, Osmanabad
Email: balajinagare@gmail.com/ kalenetaji123@gmail.com

Abstract Now, electronic commerce are become a more popular as a compare to traditional commerce. There are various business entities are trying to converts its business into electronic commerce. We seen, various websites are lunched on internet i.e. Quiker.com for consumer to consumer E-commerce, Amzon.com for Business to Business E-commerce, obay.com, shopcart.com, flipcart.com, snapdeal.com etc.

E-commerce in new time has been growing rapidly across the world. According to Report of Digital –Commerce, IAMAI-IMRB (2013), E-commerce industry in India has witness a growth of US$3.8 billion in the year 2009 to US$ 9.5 billion in 2012.

Today, the internet users in India. It shows that in 2007 internet users was 42 Mm they are growing fasters in 2017 i.e. 446 Mm. it foreclosing they will be 1280 Mm in 2026. The e-commerce has changed the way business is done in India. The Indian e-commerce market is

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expected to grow to US$ 200 billion by 2026 from US$ 38.5 billion as of 2017. The growth rate of e-commerce in India is 51 per cent per year. In the year 2050, traditional commerce will be removed from market. Traditional commerce will be totally converter from e-commerce.

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NEED OF INFORMATION SEEKING BEHAVIOR AMONG PG STUDENTS

Padmavati Tubachi
Research Scholar,
Rayalseema University Karnool
E-Mail: padmashalvegar@gmail.com

ABSTRACT The concepts defining information, information needs, information seeking and information use have undergone significant evolution since they were first introduced. A number of information seeking and retrieval studies seem to focus on these concepts, albeit in different
ways. It is widely understood that concepts form the basis for describing and explaining phenomena and processes in a field of study. Within the field of Information Science, many of the concepts used need to be understood in terms of research context, as a variety of meanings can be attached to most concepts. This in turn may be of interest to researchers and students within this field. The article concludes that context should be the foundation for any research within this field, with the observation that many of the models discussed describe general information seeking behavior, without catering for variations.

**Keywords** Information Seeking.

"दलित चरित्र आत्मकथन : बदलत्या विश्व" 

नामदेव विनुद्र गवळी 

आंदोलनाचं रावणें कला, वाणिज्य व विज्ञान महाविद्यालय, वेळवाळी 

ता. वेळवाळी. जि. सिंधुदुर्ग. ४१६८१० 

इमेल - gawalin68@gmail.com

कोणताही लेखक जे जीवनसंदर्भ घेतो, ल्याँचे जे अनुभव लाभतो, ल्या अनुपंशाने मांडणी करतो, त्यावरून त्या साहित्याचे रंगरूप, प्रकृती निर्धारित होते. दलित साहित्याची प्रकृती दलित विषयक जाणीवाचे नियत झालेली असल्यामूँ त्याने 'दलित साहित्य' म्हणते. दलित साहित्याचे उर्मिशक्य 'शोध्याचा प्रयतन अनेकांकडून होताना दिसतो काही जण तो उगम बुद्धाठात शोधतात, काही संतकवी 'चोकमेळाच्या प्रवर्तनात आवश्यकता' होताना दिसतो काही क्रृतिवीर कृत्याची पोटित म्हणजे परता पररी यांची निर्धारित विषयक समाज व्यवस्थानुसार बंधाचे निष्कांश रोबले. ल्यांची शिक्षण, ल्यांचे आदरं हे सतत प्रेरणादाय. दररोज यात शंका नाही. परतू ऐतिहासिक व वस्तुमिळत पत्तनाने विचार केल्यास दलित साहित्याचे बीज किंवा प्रेरणास्थान डों. बावसाहेब आंबेडकरांचे, ल्यांची जीवनदर्दी, व त्या अनुपंशाने केलेल्या चालवणी होय. महाराष्ट्रात दलित समाजात क्रृतिकारी विचारांची परंपरा आणि पिठी डों. बावसाहेब आंबेडकर यांनी घडविली. यां क्रृतिकारी जाणिवाचा वाक्यविन म्हणजे दलित साहित्य होय, व संदर्भानुसारच्या मुक्तीवार ह्यात ते. "दलित वाक्य भरणे दलिततोपराचे वाक्यमयने. दलित असणे व दलित जाणीव असणे हे भिन्न आहे. दलित जाणीवेच दलित जीवननिर्णय जे वाक्यविन निर्माण होते ते दलित वाक्यमय. ".

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National Digital Library of India: An overview

Nandkishor R. Motewar
Librarian, Khare Dhere Bhosale College, Guhagar, Ratnagiri
motewar.nandkishor@gmail.com

Abstract: This paper introduces the concept, features and advantages of Digital Library. Discusses the structure and utility of National Digital Library of India.

Keywords: National digital Library of India, Digital Library, NDL
Impact Of E-Books In Libraries

Kishan K Telgane
Swami Vivekanand Mahavidyalaya, Shirur Tajband, Tq. Ahmedpur, Dist. Latur
Maharashtra Pin. 413514.
Emai.kishantelgane@gmail.com

Abstract:- E-Books are increasing day by day. The changes are taking place in infrastructure of Libraries due to Electronic Books. This article deals with different aspects of Electronics Books and their Impact of Libraries and their users. The academic are still in the process of accepting this medium. There is a variation in the use of Electronic Books from discipline to discipline. Researchers have positive attitude, Electronic Books are attracting users attention in today ICT environment. Paper also highlights the E-Books now a days students, want remote information available on their desktop, laptop and mobile phone.


A PRELIMINARY OUT COME REPORTS FROM FLORA OF SOUTH ANDAMAN ISLANDS, INDIA.

Mudavath Chennakesavulu Naik, Lal Ji Singh
Botanical Survey of India, Andaman and Nicobar Regional Centre,
Port Blair-744102, Andaman & Nicobar Islands, India.
Corresponding Author: chenna.lilly@gmail.com

The present paper deals with Additions to flora of South Andaman Islands, located about 1200 km from the main land. South Andaman Islands with a geographical area of 2890 Km² lie between 10°30' to 12°14' N and 92°30' to 93°41' E. This area is recognized with an official administrative boundary designated as South Andaman district covering 3 thesils: Different types of forests met with south Andaman Islands are: Andaman tropical evergreen forest, Southern hilltop tropical evergreen forest, Andaman semi-evergreen forest, Andaman moist deciduous forest, Littoral forest, Mangrove forest, and scrub. Andaman and Nicobar Islands have 7 national parks and 93 wildlife sanctuaries, of which only three national parks: viz. Mount Harriet National Park, Mahatma Gandhi Marine National Park and South Sentinel National Park are located in south Andaman Islands.
Proximate Analysis for Nutritional potential of edible mangrove fruits of *Sonneratia alba* Sm from Devgad. Dist. Sindhudurg.
Paras Parmeshwar Jadhav*, D. K. Gaikwad¹, V.B. Kunure.²
Smt. N.S. P Jr. college Devgad* Head of the Botany Department Shivaji Uni. Kolhapur, (MS) India¹ Shri. S.H. Kelkar College Devgad².

*: ppjadhav2107@gmail.com, dkgaikwad88@gmail.com, kunurevb@gmail.com

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**Abstract:** In our study of proximate analysis of fruit of *Sonneratia alba*. In fruit of *Sonneratia alba*. Total minerals are 02.00%, Crude protein is 2.38%, crude Fat is 00.94% and Crude Fiber is 07.17%, Carbohydrates 20.09 %, and energy is 98.34 Kcal/100g. From our analysis it is clear that fruits of *Sonneratia alba* Sm plant contains significant amount of Moisture, Total minerals, Crude protein, crude Fat, and Crude Fiber, Carbohydrates, and energy.

**Keywords:** proximate, Moisture, Crude protein, crude Fat, Crude Fiber, Carbohydrates, energy.

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AGRICULTURE DEVELOPMENT IN KONKAN REGION -A CHALLENGE

Mr. R. B. Patil and Dr. K. R. Chavan
A.C.S. College, Lanaja, Ratnagiri

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**Abstract:** Konkan region of Maharashtra state is blessed by nature’s biodiversity. But the hilly area and dense forests are also been an obstacle in the path of development of Konkan. The same problem is faced by the agriculture sector. The traditional system of farming, small and fragmented land under cultivation, lack of water management, lack of modern technology, knowledge and training, etc. are some of the threats for development of agro based businesses in konkan. The research studies the major challenges faced by the farmers of agribusiness projects. The research also focuses on the benefits of agribusiness and the initiatives taken by the government to promote agribusiness. This research is done with the help of secondary data.

**Keywords:** Agribusiness, development, challenges, benefits, government policies.