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Chlorophytum breviscapum Dalz.

Authors : V. N. Patil, S. R. Somkuwar, P. S. Kabnoorkar and S. S. Deokule

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Abstract

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Induction of Callus From Stem Explant By Using Auxins In Desmodium gangeticum (L.) DC

Authors : V. N. Patil and S. S. Deokule

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Abstract

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Induction of Callus From Stem Explant By Using Auxins In *Desmodium gangeticum* (L.) DC

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ABSTRACT

Desmodium gangeticum (L.) DC is an important medicinal plant belongs to family Fabaceae (Leguminosae). It is known as Salparni in Sanskrit. It is a sub-erect, under-shrub 0.6- 1.2m high with irregular angled, branched woody stem. Leaves are unifoliate or trifoliate. Flowers are small, pink to purple in color. Whole plant or mainly the roots are used in medicines. It is used in Ayurvedic preparations like Dashmoola-Kwatha and Dashamoola-rishta. In the present investigation, an efficient protocol for callus induction of *D. gangeticum* is developed. The stem explant was inoculated with basal cut surface down on Murashige and Skoog medium supplemented with 0.25, 0.5, 0.75, 1 mg/l IAA, NAA and 2,4- D for callus induction. The better and profuse callus induction was found in MS medium supplemented with 0.5mg/l 2, 4 D from the stem explants.

Keywords: *Desmodium gangeticum*, Callus induction, Explants.

INTRODUCTION

Desmodium gangeticum (L.) DC belongs to family Fabaceae (Leguminosae). It is known as Salparni in Sanskrit. It is a sub-erect, under-shrub 0.6-1.2m high with irregular angled, branched woody stem. Leaves are unifoliate or trifoliate. Flowers are small, pink to purple in color (Chopra et al., 1956). It is found in India, China, Africa, Australia, Ceylon, Burma, Malay Peninsula, Islands, Philippines and Tropical Africa (Anonymous, 1952; Cook, 1967; Hooker, 1973). Whole plant or mainly the roots are used in medicines. In Ayurveda, it is used to treat the various conditions such as snakebite, ulcer and diabetes (Dharmani et al., 2001), in asthma, bronchitis, dysentery, fever (Dharmani and Palit, 2006), in heart diseases (Kirtikar and Basu, 1935). It is used in Ayurvedic preparations like Dashmoola-Kwatha and Dashamoola-rishta (Kirtikar and Basu, 1935; Chopra et al., 1956). In the Ayurvedic system of medicines, it is used as an analgesic, antiarthritis, against cough, rheumatism, astringent, in diarrhea, tonic, diuretic, fever, biliousness, cough, vomiting, asthma, snake-bite, scorpion-sting (Anonymous, 1992).

The drug *D. gangeticum* is mostly collected from wild sources to meet the requirement of pharmaceutical industries. Department of Indian Systems of Medicine and Homeopathy, Ministry of Health and Family Welfare, Government of India has formulated a Central Scheme for Cultivation and Development of Medicinal Plants. *D. gangeticum* is one of the species identified for promoting the cultivation in order to reduce the pressure on natural habitat and to meet the shortage against the demand of the industry

(Rawat and Sharma, 1998). It is identified as a promising plant which is in great demand and of a high commercial potential. An estimated domestic demand for *D. gangeticum* is about 678.4 tones/year (Anonymous, 2001). *In vitro* plant regeneration from various explants has been reported in *D. gangeticum* (Patil and Deokule, 2012, 2014, 2016) but there is no report on callus induction from stem explant. Due to its highly chemical properties, it is essential to study the plant for future benefits to meet basic need of chemical constituents. In the present study, the callus inductions have been studied from the stem explant supplemented with the various concentrations of auxins in MS medium.

MATERIALS AND METHODS

Collection and Identification of Plant Material

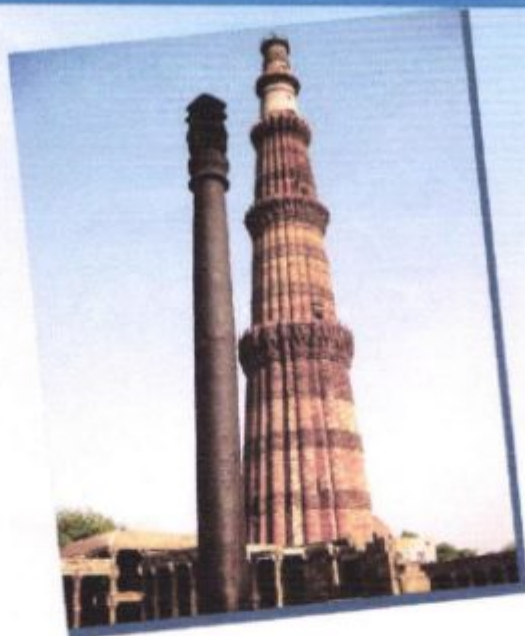
The plant material was collected from Western Ghats of Maharashtra, India. Efforts were made to collect the plant material in flowering and fruiting condition for the correct botanical identification and authentication. It was identified with help of Flora of Presidency of Bombay (Cook, 1967). Herbarium specimens were prepared and it was authenticated from Botanical survey of India, Pune. The voucher specimen number is BSI/WRC/Tech/2011/PAVNDGI.

Inoculation of Nodal Explants

The *in vitro* plant material were used after attaining the height about 15 -20 cm for shoot regeneration. The stem nodal explants were cut by scalpel and inoculated on Murashige and Skoog's (MS) medium (Murashige and Skoog, 1962) supplemented with 0.25, 0.5, 0.75, 1mg/l IAA, NAA and 2,4- D for callus induction. The pH of the medium was adjusted to 5.8 with 0.1N



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	HAVING pH DEPENDENT SOLUBILITY		
58.	MELATONIN AS A SLEEP INDUCING AGENT	Preeti R. Jadhav*, Chitra S. Paytode.	42
59.	INSULIN THERAPY BY MICRONEELES	Monika R. Rambhad*	43
60.	A REVIEW : THERAPEUTIC JOURNEY OF HETEROCYCLIC MOIETY	VijayshriRokde, UjwalaMahajan	43
61.	SYNTHETIC VIRUSES: A NEW OPPORTUNITY TO UNDERSTAND AND PREVENT VIRAL DISEASES	Chitra S. Paytode*,Preeti R. Jadhav	44
62.	ETHNOMEDICINAL PRACTICES OF TRIBALS OF YAVATMAL DISTRICT (MAHARASHTRA) IN INDIA	Varsha P. Metkar * and Rupali H. Mahakhode Varsha P. Metkar * and Rupali H. Mahakhode **	44
63.	SYNTHESIS AND ANTIBACTERIAL SCREENING OF P-METHYL ISONITROSOPHENYLACETATE WITH COBALT AND NICKEL	N . N. Hiware* , R. D. Raut** , M. D. Choudhary* Wasim Khan**	45
64.	DETERMINATION OF TRANSPORT PARAMETERS BY D.C. ELECTRICAL CONDUCTIVITY MEASUREMENTS OF POLY ANILINE FORMALDEHYDE AMINO RESIN	Ajay Yoel and P.E.P. Michael*	45
65.	SYNTHESIS, PHYSICO-CHEMICAL STUDIES AND BIOLOGICAL EVALUATION OF SOME NEW SCHIFF BASE COMPLEXES	KundanLal*, Sneha S. KuntawarandL.J.Paliwal	46
66.	PHOTOLUMINESCENCE PROPERTIES OF $\text{Li}_2\text{Zn}_2\text{Mo}_3\text{O}_{12}:\text{Eu}^{3+}$ RED PHOSPHOR	B.V.Tupte ^{1*} , D.H.Gahane ² , S.V.Moharil ³	46
67.	SYNTHESIS AND ANTIMICROBIAL ACTIVITY OF SOME NEW CHLOROSUBSTITUTED AZOLES AND THEIR GROWTH PROMOTING AND CURATIVE IMPACT ON OYSTER MUSHROOM CROP	N.G.Ghodile&P.R.Rajput	47
68.	DESIGN, SYNTHESIS AND PHARMACOLOGICAL SCREENING OF NOVEL CURCUMIN DERIVATIVES	Prafulla Sabale, Dhiraj Bhagwat, Karan parwe	47
69.	NOVEL FLAVONOIDS: HOLISTIC AND RECENT APPROACH	Prafulla M. Sabale,Tinkal D. Gupta	48
70.	ECOFRIENDLY: AN RECENT TREND IN MOSQUITO REPELLENCY	Dr. Sonal Sanjay Dhabekar, Dr. Charita Patil	49
71.	STUDY OF PHYSICO- CHEMICAL CHARACTERIZATION OF FARMLAND SOIL AROUND THE MANGANESE ORE INDIA LIMITED (MOIL) SITE IN GUMGAON IN NAGPUR DISTRICT OF MAHARASHTRA	Mrs. VinataVijaykumar	49
72.	EVALUATION OF BIOFORTIFICATION OF RICE IN EASTERN VIDARBHA	Dr. P. V. Shende, AishwaryaM. Rahood	50




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 PGDC, Hislop College

**SYNTHESIS AND ANTIBACTERIAL SCREENING OF P-METHYL
ISONITROSOPHENYLACETATE WITH COBALT AND NICKEL**

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ABSTRACT

p-Methylisonitrosophenyl acetate was synthesized by using p-cresol, acetic anhydride and n-amyl nitrite. The Ni(II) and Co(II) complexes of Schiff base derived from p-methyl isonitrosophenyl acetate have been synthesized and characterized on the basis of elemental analysis, conductivity, magnetic measurement, IR and electronic spectral studies. The conductivity data of the complexes suggests their non electrolyte nature. The biological activity of Schiff base and their metal complexes are studied against gram positive and gram negative bacteria. *Shigella flexneri*, *Pseudomonas aeruginosa* and *Salmonella typhi* and gram-positive organism *Subtilis* and *Staphylococcus aureus* bacterial strains and for in vitro-antifungal. *Trichophyton longifusus*, *Candida albicans*, *Aspergillus flavus*, and *Candida glabrata* by disc diffusion technique which showed that these novel compounds possess promising antimicrobial activities.

**DETERMINATION OF TRANSPORT PARAMETERS BY D.C. ELECTRICAL
CONDUCTIVITY MEASUREMENTS OF POLY ANILINE FORMALDEHYDE
AMINO RESIN**

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ABSTRACT

The main goal of this work is to enlarge the existing knowledge about the preparation of new advanced copolymeric material using aniline and formaldehyde for a meaningful device application. The present work includes the synthesis of two samples (sample abbreviation AF-1 and AF-3) prepared as aniline and formaldehyde copolymer resins in their various molar proportions using the process of condensation and direct chemical blending, and the characterization of their transport properties through d.c. electrical conductivity measurements. The transport parameters like electrical conductivity, activation energy, charge localization length, most probable hopping distance and charge hopping energy have been calculated for sample AF.1 and AF.3 of poly aniline formaldehyde copolymers at room temperature using two theories i.e. band theory and hopping mechanism theory, and comparative temperature dependence behavior of d.c. electrical conductivity is discussed. The values of calculated parameters for each sample suggested that these co-polymeric materials (AF-1 and AF-3) have immense potential for applications as dielectric material in the condenser and power source material in the fuel cell.



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Ethical Advertising in India – An Indian Perspective

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ABSTRACT

Advertising, using media as its vehicle, is a pervasive, powerful force shaping attitudes and behavior in today's world. At times it goes beyond the traditional role of „fair and truthful“ information and portrays obscene, undesirable and unethical scenes giving a detrimental result especially on the young population of the society. The ethical aspect of Indian advertisement is extremely important for restoration of our Indian culture, norms, ethics and heritage..

Keywords : Ethics, Advertising, Culture, Obscene, ASCI Codes, Unethical.

INTRODUCTION

The Indian advertising industry is talking business today. It has evolved from being a small-scale business to a fully fledged industry. It has emerged as one of the major industries and tertiary sectors and has broadened its horizons be it the creative aspect, the capital employed or the number of personnel involved. Indian advertising industry in very little time has carved a



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159.	Dr. Abhijit Thander Jeetendra Nath Hembram	Effect of Soccer Fun Games on Speed and Agility of School Boy@s	447 To 449
160.	Kashinat Masket	Exercise And Fitness Prescription	450 To 451
161.	Dr.Sonali Sirbhate-Suryawanshi	Nutrition Supplements And Ergogenic Aids	452 To 454
162.	Dr.Shamsheer Singh	Role Of Yoga In Our Society	455 To 456
163.	Dr. Dinanath Nawathe,	Principles Of Injury Prevention	457 To 459
164.	Dr.Vibha Deshpande	Role of Physical Education, & Other Disciplines in Enhancing the Performance of Players & Fitness for Young & New India	460 To 461
165.	Dr. Jayawant Mane	Role of Physiotherapist	462 To 465
166.	Dr. Tanuja S. Raut Shalini B. Bhosle	Lifestyle of Working and Household Women	466 To 469
167.	Dr. Tejsiha L. Jagdale	Sports Medicine a Branch of Physical Education and Sports Advancement	470 To 471
168.	Dr. Shashank g. Nikam	Sports Coaching And Training	472 To 474
169.	Prof. Sugandh Band	Obesity And Weight Control	475 To 476
170.	Prof.Dr. Vikas Tone Prof. Arun Wararkar	Skills Of Sports Coaches	477 To 479
171.	Yogesh B. Bhosle	Study Of Self-Esteem Of Kabaddi Players At Different Playing Position	480 To 482
172.	Dr. Mrs. Kalpana B. Zarikar	Comparison Of Mental Stressof Inter University And Inter Collegiate Individual Game Maleplayers Of Dr. Babasaheb Ambedkar Marathwada University	483 To 484
173.	Bharat Mehta	Yoga and Nation Building	485 To 486
174.	Dr. Dinesh Kumar Kimta	Importance of Physical Education in Schools	487 To 489
175.	Dr. D.G. Meher	Importance Of Yoga In Our Day To Day Life	490 To 491
176.	Dr. Ganesh Katakdeore	Aims and Objectives of Sports Training	492 To 493
177.	Dr. V.G. Mete	Statistical Interpretation For Physical Education And Sports	494 To 495
178.	प्रा. डॉ. कैलास के. पवार	भारतीय स्कूली बच्चों के लिए संतुलित आहार	496 To 496
179.	डॉ. पंकज हंबर्डे	योग प्राणायामाचे क्रिडाक्षेत्रातील फायदे	497 To 499
180.	योगिता सं. टिक्कस	मुलांमधील लठ्ठपणाचे प्रमुख कारण- फास्टफूड	500 To 502
181.	डॉ. अभिजित हे. इंगोले	खेल मनोविज्ञान कोचिंग और उच्च प्रदर्शन	503 To 505
182.	डॉ. श्रीकांत अलणे	पोषक आहार व खेडाळू	506 To 506
183.	प्रा. गणेश श्री. विश्वकर्मा	योग - आधुनिक जिवनात काव्यची गरज	507 To 508
184.	विजया देविदासराव भोड	रजोनिवृत्ती आणि शारीरिक कामासाठी योगाभ्यास	509 To 511
185.	प्रा. डॉ. संगीता लोहकपूरे	सेफ्टी अँड फर्स्ट एड स्पोर्ट्स इन्ज्युरी	512 To 514



Sports Coaching And Training

Dr. Shashank g. Nikam

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Abstract

Due to the fact that sports training represents a complex process which involves planning, organization, leading and assessments, a managerial approach becomes the key of the successful preparation, by providing various tools for each component of the performance activity. This paper is an essay about the main meanings of coaching and the sports coaches' Our purpose is to analyze coaching as one of the management tools that can induce changes and have benefits when adopting sports training strategies focused on the performance reaching. We think that coaching produces a fundamental change of the way in which athletes perceive themselves and their teammates or opponents, by increasing their involvement in the unique goal fulfillment.

What is the purpose of training?

Answering this question will provide direction for every coach and sport psychologist. For me this is simple: to improve the athlete's technique, skills, tactics and self-development. Athletes will spend hours and hours, days and days, weeks and weeks even years and years working on techniques, skills and tactics. Therefore our job as sport psychologists is to enhance the athlete's performance (Burton et al, 2008; Tenenbaum & Eklund. 2007).

However there are many examples of 'drills' being used, which do not reflect these values and lack the match conditions. A classic example is catching practice where athletes throw a ball to their partner and visa versa. However on match day the ball comes off a bat, at various speeds and trajectories. Now after the athlete has spent hours of throwing to their partner are they going to recognise the correct stimuli?

This is why ALL training needs to replicate match stimuli, including practicing on the pitch (surroundings), using a batsman and hitting catches (stimuli) towards the athletes. The athletes should be standing in fielding positions (surroundings and stimuli), this will enable them to recognise the correct stimuli quicker. This in turn creates time for the athlete to execute the skill of catching (Schmidt & Wrisberg, 2008).

After all once we have a basic motor programme for a skill (Fitts & Posner, 1967), we need to identify when to execute this motor programme (Schmidt, 1975). Therefore we need to be exposed to the correct stimuli, from the match day surroundings and match day speeds. As the following points highlight if we fail to recognise the correct stimuli then the skill execution will not be correct. This is how it happens:

Stimuli Identification is a constant feed of information (Short Term Sensory Memory)

- Pattern Recognition where the stimuli identification feed gets collected. Allowing us to track the stimuli via this feed and store in the Short Term Memory
- This information (Pattern Recognition) then gets matched in the Long Term Memory with previously experienced patterns. This information is linked to a motor programme, which will be executed
- The motor programme runs, with adaptations being made from the constant feed (Short Term Sensory Memory)

Hypothesis

Coaches occupy a central role in sport, fulfilling instructional, organizational, strategic, and social relationship functions, and their relationships with athletes influence both skill development and psychosocial outcomes of sport participation. This review presents the major theoretical models and empirical results derived from coaching research, focusing on the measurement and correlates of coaching behaviors and on intervention programs designed to enhance coaching effectiveness.

A strong empirical literature on motor skill development has addressed the development of technical sport skills, guided in part by a model that divides the skill acquisition process into cognitive, associative, and autonomous phases, each requiring specific coaching knowledge and instructional techniques. Social-cognitive theory's mediational model, the multidimensional model of sport leadership, achievement goal theory, and self-determination theory have been highly influential in research on the psychosocial aspects of the sport environment. These conceptual models have inspired basic research on the antecedents and consequences of defined coaching behaviors as well as

applied research on coach training programs designed to enhance athletes' sport outcomes. Of the few programs that have been systematically evaluated, outcomes such as enjoyment, liking for coach and teammates, team cohesion, self-esteem, performance anxiety, athletes' motivational orientation, and sport attrition can be influenced in a salutary fashion by a brief intervention with specific empirically derived behavioral guidelines that focus on creating a mastery motivational climate and positive coach-athlete interactions. However, other existing programs have yet to demonstrate efficacy in controlled outcome research.

Keywords: coaching behaviors, leadership measurement, behavioral assessment, motor skill development, social cognitive theory, multidimensional leadership model, achievement goal theory, self-determination theory, coaching behavior interventions, psychosocial outcomes

Coaches occupy a central role in sport, fulfilling instructional, organizational, strategic, and social relationship functions. Athletes' skill acquisition, success, enjoyment, continued participation, and physical and psychological well-being are all strongly influenced by coaching behaviors. Not surprisingly, therefore, research on coaching behaviors and their consequences have been a strong focus of research in sport and exercise psychology. This body of scientific literature illustrates important reciprocal linkages between theory, research, and practice. This review focuses on three central facets of this research literature: measurement of coaching behaviors; relations between coaching behaviors and other variables, and interventions designed to enhance coaching practices.

Methodology

The Center for Sports Medicine and Methodology is dedicated to helping coaches, scientists, professionals and executive personnel to advance in the fields of competitive sport, sports-for-all and physical activity using the most modern scientific and professional means available.

The Center is under the direction of Dr. Yitsik Ben-Melech, an expert with extensive experience in training theory.

The main areas dealt with by the Center are:

- Monitoring, controlling and providing consultation on methodology, science and sports medicine to competitive athletes, national teams, teams, referees and individual athletes.
- Deepening the knowledge base of coaches and executive sports professionals through advanced courses, study days and conventions.
- Providing training, certification and enrichment through special courses in competitive and elite sports, in coordination with various sport organizations and associations.
- Course for senior sports directors
- Course for senior coaches and courses in training theory and sport sciences
- Course for sports media
- Special projects for the population at large and for those engaging in competitive and elite sport
- The "Healthy Lifestyle" project for the Israel Defense Forces
- Project to advance coaches, instructors and other personnel.
- Enrichment and training course in physical fitness and coordination.
- Sports psychology

In recent years the Center has provided its services to national coaches, coaches of various teams and senior athletes, personnel in administrative, sport, scientific, methodological and media positions related to competitive sports, elite sports and sports-for-all.

Courses at the Center for Sports Medicine and Methodology at the Academic College at Wingate

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- Specialization in training theory and the sport sciences
- Specialization in training female athletes
- Senior Sports Director – to see the flyer click here
- Sports media
- Enrichment courses for competitive and elite sport coaches
- Enrichment course in physical fitness and coordination

Conclusions and Recommendations

- There is currently insufficient data to accurately estimate the incidence of sports-related concussions in youth and in subpopulations of youth. Existing surveillance systems, including the National Collegiate Athletic Association Injury Surveillance System and the High School RIO™ surveillance system, provide data for collegiate and high school-level athletes in select



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sports. There are very limited data on the incidence of sports-related concussions among pre-high-school-age youth and among those playing in youth clubs and recreational sports. There is also inadequate collection of data on potential concussion risk factors and modifiers. Understanding of the epidemiology of sports-related concussions is further hindered by variations in terminology and the data elements employed in relevant research. Federal interagency initiatives to identify common data elements for traumatic brain injury research, including research on concussions, and to develop the Federal Interagency Traumatic Brain Injury Research (FITBIR) informatics system may help to advance such research through the use of common definitions and standards. Incomplete data limits understanding of not only the incidence of sports-related concussions in youth overall and in specific sports but also of where there might be disparities and a need for targeted interventions. More complete epidemiological data would better enable researchers to assess the effectiveness of legislation and other interventions in reducing the incidence of sports-related concussions in youth.

1. Recommendation

The Centers for Disease Control and Prevention, taking account of existing surveillance systems and relevant federal data collection efforts, should establish and oversee a national surveillance system to accurately determine the incidence of sports-related concussions, including those in youth ages 5 to 21. The surveillance data collected should include, but not be limited to, demographic information (e.g., age, sex, race and ethnicity), preexisting conditions (e.g., attention deficit hyperactivity disorder, learning disabilities), concussion history (number and dates of prior concussions), the use of protective equipment and impact monitoring devices, and the qualifications of personnel making the concussion diagnosis. Data on the cause, nature, and extent of the concussive injury also should be collected, including

- Sport or activity
- Level of competition (e.g., recreational or competitive level)
- Event type (e.g., practice or competition)
- Impact location (e.g., head or body) and nature (e.g., contact with playing surface, another player, equipment)
- Signs and symptoms consistent with a concussion

References

1. Practice Games for Younger Players - Games for younger players that teach skills while making practice fun.
2. General Coaching Guidelines - Basic information to help you get started.
3. Practice Template - This can help organize practices into skill training, small-sided games, and end-of-practice scrimmages.
4. Practice Attendance Form - Save this file to your computer to record practice attendance. Type the player and family names and the space will expand as needed.
5. Goalkeeper and Defender Positioning - How these key players should move on the field to support the team. Three slides ... click on the page to advance
6. Player Development by Age Group - What players of each age are capable of learning and how you can help them at practices.
7. Soccer Glossary - Soccer terms and definitions.



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Microwave Assisted Synthesis and Biological Evaluation of Transition Metal Complexes of p-methyl isonitrosophenyl Acetate

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ABSTRACT

The shorter reaction times offered by microwave assisted deals with the synthesis of p-methyl isonitrosophenyl acetate using p-cresol, acetic anhydride and n-amyl nitrite. The Fe(II), and Fe(III) complexes of Schiff base derived from p-methyl isonitrosophenyl acetate have been synthesized. The complexes of the type ML₂ have been synthesized and characterized on the basis of elemental analysis, conductivity, magnetic measurement, IR and electronic spectral studies. The conductivity data of the complexes suggests their non electrolytic nature. The biological activity of Schiff base and their metal complexes are studied against gram positive and gram negative bacteria by disc diffusion technique which shows that complex exhibit promising antibacterial activity than that of Schiff base against tested bacteria.

Keywords: p-methyl isonitrosophenyl acetate, complexes, spectroscopy, antimicrobial activity

INTRODUCTION

Chemist are looking for cleaner, more environmentally benign ways to make targeted synthesis. In industry the shorter reaction times offered by microwave assisted synthesis are suited to explore the wide range of applications. Schiff bases are considered to be the important class of chelating agents especially when -OH functional group also present with azomethine group. In recent years, researcher shows much interest in the synthesis and characterization of Schiff bases metal complexes due to their importance as catalyst in many reactions (Huges, 1984; Chatterjee *et al.*, 2000; Ali *et al.*, 2002). Transition metals are essential for normal functioning of living organism and are, therefore, of great interest as potential drugs [Malhotra *et al.*, 2006]. Coordination compounds derived from numerous Isonitroso ketones have been reported because of their anti-tuberculosis, antimicrobial and corrosion inhibitors [Fouda *et al.*, 2008; Ali *et al.*, 1988; Ferrari *et al.*, 1999]. Isonitroso ketones are of great



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55	Execution of Rural Development Evidence Based Best Practices for NAAC By "Women Cell Program" in RGBGL.	Prof. Shilpa Mankar	245
56	Advantages of NAAC in Quality Assurance and Student Development	R.U Thakare, J.V.Dadve, M.P. Morghare	249
57	Facing NAAC : Challenge or Opportunity?	Dr. Hitendra Dhotre	252
58	Need of Faculty Development Programs for Effective Teaching and Learning Process	Vibha Nikose	255
59	Usage of Learning Management System Moodle in Higher Education	Z. N. Kashmiri	258
60	Study of NAAC Assessment Methods and its Effects on Quality of Engineering Institutions	Amol Narayane, Dr. Pradip Ghorpade, Dr. Sanjay Kanode, Dr. Vinod Khapne	264
61	अध्ययन अध्यापनात माहिती तंत्रज्ञानाची भूमिका	डॉ. अभिजीत वेरुळकर, डॉ. प्रमोद आचेगावे	267
62	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. प्रमोद तडस, डॉ. सुनिल उरकुडकर	270
63	महाविद्यालयीन ग्रंथालयांसाठी नॅक चे मूल्यांकन : एक अभ्यास	डॉ. योगेश भाले, डॉ. सुखलाल राठोड, डॉ. विठ्ठल बदले	274
64	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. सोनाली बनसोड, डॉ. खुशाल पठाडे	276
65	NAAC सुधारित चौकोटीत व प्रक्रियेत ग्रंथालयाची भूमिका	डॉ. किशोर बुमणे	278
66	ग्रंथालय संगणकीकरण आणि नेटवर्किंग	डॉ. आर. आर. माणिकपुरे	282
67	माहिती संग्रहण तंत्रज्ञानाद्वारे ग्रामीण भागातील शैक्षणिक पातळीचा अभ्यास	डॉ. पवन नाईक, डॉ. अर्चना कहाळे-पत्की	285
68	नॅकला सामोरे जाताना ग्रंथालयाची भूमिका व ग्रंथपालाचे स्थान	सौ सुप्रिया गादेवार, श्री विष्णुकांत गादेवार	291
69	महाविद्यालयीन ग्रंथालयाचे नॅक मूल्यांकन	प्रा. विठ्ठल बदले, प्रा. विष्णु शेळके	293
70	राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद की नई मूल्यांकन पद्धती में शारीरिक शिक्षण और क्रीडा विभाग की रूपरेखा	डॉ. सुशील चौहान	297

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Study of NAAC Assessment Methods And its Effects on Quality of Engineering Institutions

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Abstract

There has been a tremendous decrease instudents' enrollment in higher education institution especially in engineering colleges. The purpose of this study is to identify and examine the role of NAAC in improving quality of engineering institutions.

Keywords: NAAC, higher education.

Introduction:

India is a country where education has given prime importance since olden days. Education has its own significance to govern interests of the members in the society. Education plays a vital role in the development of any nation. Therefore, there is a premium on both quantity (increased access) and quality (relevance and excellence of academic programmes offered) of higher education. The NAAC has been set up to facilitate the volunteering institutions to assess their performance vis-a-vis set parameters through introspection and a process that provides space for participation of the institution. The quality of higher education leads India towards global economic power. The institutions like NAAC though their various committees eyeing on educational intuitions to achieve goal of quality higher education in India. Therefore, role of NAAC is remarkable to promote quality higher education in India. Engineering Institutions are classified in following manner.

- a) Affiliated Colleges
- b) Autonomous Colleges
- c) Deemed University

In the case of affiliated colleges, the institution is affiliated to a university, which is the degree awarding body. The college has no flexibility or powers related to curriculum or evaluation. The academic powers rest with the university. In the case of autonomous colleges, the institutions have academic flexibility viz they can make curriculum changes and conduct examinations and undertake evaluation. However they are notionally under the university and have relatively less financial autonomy. Institutions that have acquired deemed university status have the maximum academic and financial autonomy. In India most of the colleges are affiliated (approximately 98%).

In today's modern competitive environment, the success of engineering institutions in acquiring students depends on the capability of an institution to recognize the needs of the education in the market. Engineering Institutions should consider ways to make themselves more competitive players in educational markets.



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INDEX

No.	Title of the Paper	Author's Name	Page No.
1	The Revised NAAC Approach : Changing DNA of HE in India	Dr. Shirish Chindhade	06
2	Role of NAAC in Ensuring Quality of Higher Education	Dr. Sanjay Kanode	10
3	The Importance of Internal Evaluation System to Consider as an Essential Part of Teaching-Learning and Evaluation Process in NAAC	Vaibhao Pimpale & Ashish Tiple	12
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6	Rashtriya Madhyamik Shiksha Abhiyan (RMSA)	Dr. Priyanka Singh	28
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10	Best Practices Adopted in Academic Libraries	Dr. Vibhavari Hate	46
11	Role of Faculty Development Programmes for Quality Enhancement in Higher Education	Dr. Somanadh Kolluru & Dr .Abdul Bari	51
12	E-Shodh Sindhu: An Effective Consortia of E-Resources for Higher Education	Mohammed Mudassir Ahmed	56
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14	Best Practices Adopted by NAAC Accredited Colleges Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University	Dr. B. P. Ghaisas & Dr. Gopal Helonde	65
15	Role of E-Learning and ICT in the Higher Education	Dr. Banginwar Y. S. & Prof. Dawande A.Y	72
16	Impact of E- Learning on Rural Areas	Ms. Sushma Kamble	78
17	E-Learning Resources in Rural Development	Dr. Parag Kawley	84
18	Co-Education, It's advantages, Disadvantages and Islamic View	Wasim Khan	91
19	Issues and Challenges in Implementation of ICT Enabled Education in Rural College	Mr. Sonal Panchabhai and Mr. Prashant Narayane	100
20	Impact of ICT for Rural Higher Education Setup	Dr. Sachin Kadu	103
21	Library as A Learning Resource: A Study from the NAAC Perspectives	Dr. Atul R. Sidurkar	106
22	Information and Communication Technology (ICT) in Sports	Dr. Shashank Nikam	109
23	Best Practices A Tool for Skill Development	Prof. Shirish Sutar	113
24	The Role of ICT in Rural Area Libraries	Ms. Chinmayi Unmesh Panke	116
25	Information and Communication Technology Facilitated Rural Education	V. N. Patil	121
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27	Changing Role of National Assessment and Accreditation Councils (NAAC) and its Benefits	Dr. Ashish Thanekar	128





Role of NAAC in Ensuring Quality of Higher Education

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Abstract :

NAAC is an autonomous institution established by the UGC with the prime agenda of assessing and accrediting institutions of higher learning with all objective of helping them to work continuously to improve the quality of education. The purpose of this research paper is to focus upon the role of NAAC in ensuring the quality in defining the element of Higher Education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives. This paper makes a systematic study of the measures taken by NAAC to stimulate the Academic environment for promotion of quality of teaching-learning and research and also to understand the level of awareness and improvements in many aspects of such Institutions NAAC accreditation It is important to encourage self evaluation, accountability, autonomy and innovations in the Higher Education and undertake quality related research studies, consultancy and training programs and also collaborate with other stake holders of Higher Education for quality evaluation, promotion and sustenance. In this context NAAC insists for the quality and excellence in its vision of every Higher Education institution and advocates the Best practices, benchmarking approach for quality enhancement in Higher Education.

Keywords: NAAC Accreditation, Higher Education, Quality Assurance, Importance of Research.

Introduction:

Education constitutes the backbone of a country as it produces the human force which plays the most determining role in the advancement of a nation and also in the progress of civilization. Education is one that provides the thrust in getting ahead and building up a powerful democratic society. Therefore, higher education is considered as an important instrument for bringing about social, economic, political and technological progress. The scope and demand for higher education is increasing day by day and the most important mission of higher education is the creation of intellects by providing world class education for promotion of global standards in the Institutions of Higher Education. The most important factor that should be taken care of is to provide higher education without compromising on the quality of education. With the growth of the Higher Educational Institutions no doubt quality has degraded. Since NAAC's assessment can judge the quality of a college or a university, it is expected that NAAC's assessment will lead to the academic qualitative up gradation in the colleges. In order to find out whether NAAC's assessment to these colleges have brought about academic as well as qualitative up gradation, the investigator took an interest to study the impact of NAAC's Assessment and Accreditation on the academic as well as qualitative development of some of the accredited Colleges.

↓ Vision and Mission of NAAC:

Vision: To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives.

Mission:

- To arrange for periodic assessment, accreditation of Institution of higher education.



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Challenges & Opportunities in Commerce Education

Dr. B. P. Ghaisas
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Abstract

The Higher Education sector in India is really huge and expanded at a fast pace by adding more than 8 million students in a decade from 2000-01 to 2016-17. India's educational activity system is that the third largest within the world. The purpose of Higher Education in national development is easily grounded. The objectives of Higher Education can be achieved just through a qualitative change in the system. The output of Commerce Education ought to be dimensional and with full world aggressiveness. The growing phenomenon of globalization, liberalization, and privatization has been vastly influenced the Commerce Education. Simply we have to realize that the Commerce graduate has a lack of practical knowledge. The practical orienting Commerce Education could be a want of the age.

The demand for Commerce education has spiraled over the last decade to an extent that it has overshadowed the significance of Science education. To believe that Commerce education now proves more popular than the pastime of the basic sciences. However, the way in which society has today begun to view Commerce has undergone a transformation.

The objectives of Higher Education can be achieved only through a qualitative change in the system. The output of Commerce Education ought to be three-dimensional and with a full international fight. But we have to realize that the Commerce graduate has a lack of practical knowledge. The practical minded Commerce Education may be a would like of the age.

The principal objective of education is to develop Human Resources to face any challenges in life. The role of commerce-education is to develop Human resources to beat the challenges within the field of commerce and business. To achieve this goal the commerce, education must be focused on linkage with business and industries. It should be more practical and as like on the job training and hands-on experience.

Keywords: *Practical oriented Commerce-Education, E-learning, E-banking, E-Governance, E-marketing, and E-commerce.*

Introduction

In the liberalized economic scenario in India in particular and all over the world in general, the business and industry is exposed to many challenges like cut-throat competition, technological up gradation, quality and cost consciousness, outsourcing and new of the means of production, etc. As a result of these challenges, the owners of business enterprises have a lot of expectations from the accounting professionals and they are expected to be equipped with a lot of talent and vast ability to perform accounting and social control higher cognitive process jobs. The accountancy colleges and universities have also started realizing that there is an urgent need for updating the accountancy curriculum in tune with the present day requirements of business and industry.

Accounting education inbound developed countries has undergone a paradigm shift in tune with the ever-changing world economic setting. The setting of accounting within the numerous developing economies has conjointly modified and bound new challenges have emerged. Hence the accounting education and profession mustn't be neglected during this state of affairs. Information technology and the Globalization of Markets are the primary factors requiring various changes in accounting education and research. It is therefore important to mention here that world regions and professions vary in terms of the stage of the development of accounting education and the nature of their economic systems. In this paper, the rising problems with accounting education and analysis on a very new rising free enterprise like an Asian country are mentioned. The study relies on the secondary information collected from numerous government publications, skilled institutes, universities and schools within the country.

Accounting Education in India

Accounting education in India is imparted at the senior secondary level in schools, at an undergraduate level in colleges and at Master level in universities as a segment of Commerce stream. But skilled standing isn't being



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26	A Bee Keeping - Best Practice	Prof. Kamraj Ramteke	126
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3

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**Best Practices Adopted by NAAC Accredited Colleges Affiliated to
Rashtrasant Tukadoji Maharaj Nagpur University**

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Abstract :

Quality has become the determining component of education in the 21st Century in the context of new social realities. The Millennium Development Goals of the international organization (MDGs, 2002) take into account information because of the causal agency of development within the new millennium. How to provide quality education to large numbers at affordable prices is the main concern of developing countries. Quality, as all folks square measure aware, makes education as much socially relevant as it is personally indispensable to the individual. In this sense, quality becomes the process part of education. In this context quality and excellence ought to be the vision of each teaching establishment. Acquisition of quality and excellence is the greatest challenge faced by all higher education institutions

The Indian HEIs area unit generating new concepts through analysis and innovation. NAAC has provided 100 points to Innovations and Best Practices (Criteria VII) in the overall assessment and accreditation of a college. Best practices are those which add value to human life and support the main cause of an institution. It helps in the development of an institution-a source/means to perform social responsibility. It can change the life of the whole institution as well as individual stakeholders. Colleges undertake differing types of best practices as per their institutional surroundings, try to bring about innovations and new ideas. A traditional system of teaching-learning and college as the place meant only to cater knowledge has been altered drastically; it is now, hailed as the center for many activities. Socioeconomic, political and cultural reformations. Use of technology is the driving force in today's education system. Colleges will flip such technology courses into their best practices that as institutional, social responsibility (ISR) can boost the educational atmosphere of the college, connect to the ground level, in turn, it might generate social soft power for the expansion. The NAAC has developed and published a series of best practices of various institutions as per seven criteria of assessment and accreditation, some are case studies. Best practices reflect the credibility and cheerful life of a college. These practices are able to instill the scientific approach to issues or problems of society. Best practice area unit the agents of modification for a selected establishment and society also.

Keywords: Best Practices, NAAC, UGC, SSR, AQAR, IQACRs.

Introduction:

Indian higher education has been continually developing its quality base since independence, but still lack in greater reforms, lagging behind the top world educational



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INDEX

No.	Title of the Paper	Author's Name	Page No.
1	The Revised NAAC Approach : Changing DNA of HE in India	Dr. Shirish Chindhade	06
2	Role of NAAC in Ensuring Quality of Higher Education	Dr. Sanjay Kanode	10
3	The Importance of Internal Evaluation System to Consider as an Essential Part of Teaching-Learning and Evaluation Process in NAAC	Vaibhao Pimpale & Ashish Tiple	12
4	Use of ICTs : Challenges in Teaching and Learning	Dr. U. P. Meshram, Dr. A. J. Kadam, Dr. S. P. Dhanwate, Dr. Ravindra Sontakke	18
5	Importance of Outcome-Based Education: NAAC Perspective	Dr. Ashish Sasankar & Mr. Sandip Petare	22
6	Rashtriya Madhyamik Shiksha Abhiyan (RMSA)	Dr. Priyanka Singh	28
7	Role of Higher Education in Social Development	Dr. Vilas Hadge	31
8	E-Learning : An Effective Application for Teaching-Learning in Rural Setup	Amol Raut	33
9	NAAC Policy and College Libraries	Dr. Vikram Giri	39
10	Best Practices Adopted in Academic Libraries	Dr. Vibhavari Hate	46
11	Role of Faculty Development Programmes for Quality Enhancement in Higher Education	Dr. Somanadh Kolluru & Dr. Abdul Bari	51
12	E-Shodh Sindhu: An Effective Consortia of E-Resources for Higher Education	Mohammed Mudassir Ahmed	56
13	Use of ICT Tools To Improve Quality Education	Prof. Roshan Ambatkar & Dr. Ashish Sasankar	61
14	Best Practices Adopted by NAAC Accredited Colleges Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University	Dr. B. P. Ghaisas & Dr. Gopal Helonde	65
15	Role of E-Learning and ICT in the Higher Education	Dr. Banginwar Y. S. & Prof. Dawande A. Y	72
16	Impact of E- Learning on Rural Areas	Ms. Sushma Kamble	78
17	E-Learning Resources in Rural Development	Dr. Parag Kawley	84
18	Co-Education, It's advantages, Disadvantages and Islamic View	Wasim Khan	91
19	Issues and Challenges in Implementation of ICT Enabled Education in Rural College	Mr. Sonal Panchabhai and Mr. Prashant Narayane	100
20	Impact of ICT for Rural Higher Education Setup	Dr. Sachin Kadu	103
21	Library as A Learning Resource: A Study from the NAAC Perspectives	Dr. Atul R. Sidurkar	106
22	Information and Communication Technology (ICT) in Sports	Dr. Shashank Nikam	109
23	Best Practices A Tool for Skill Development	Prof. Shirish Sutar	113
24	The Role of ICT in Rural Area Libraries	Ms. Chinmayi Unmesh Panke	116
25	Information and Communication Technology Facilitated Rural Education	V. N. Patil	121
26	A Bee Keeping - Best Practice	Prof. Kamraj Ramteke	126
27	Changing Role of National Assessment and Accreditation Councils (NAAC) and its Benefits	Dr. Ashish Thanekar	128



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The Importance of Internal Evaluation System to Consider as an Essential Part of Teaching-Learning and Evaluation Process In NAAC

Vaibhao B. Pimpale and Ashish Tiple

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Abstract:

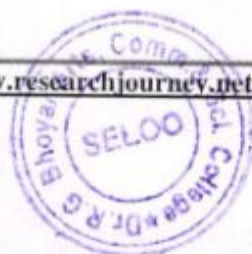
In Higher Education it is important to maintain the system without any bias. In India the process of higher education is controlled and directed by UGC with the help of continuous assessment and evaluation from an autonomous agency called NAAC. With the establishment of NAAC the system of higher education is emerged as more effective and result oriented. It helps to become systematic through continuous assessment and accreditation to various universities, autonomous as well as affiliated colleges across India. The revised NAAC framework came into effect from July 2017. The process of assessment and accreditation showed drastic changes. Throughout India its process is same. It works not only manually but also online or system generated. Thus the accreditation framework is based on five core values. NAAC has established seven criterions to acquire necessary information of the whole process. NAAC has created marks and grade based assessment system. Each criterion holds specific marks, especially number second, which is 'Teaching-Learning and Evaluation'; it carries 360 out of 1000 marks. The teaching-learning and evaluation process is the core and integral part of the education system. Through this paper I am sincerely trying to examine how internal evaluation system makes examination an integral part of the teaching learning process. This paper has also examined that what necessary action should be taken for the effective implementation of internal evaluation process and how it should be considered as a best practice to gain maximum marks in the process of NAAC Assessment and Accreditation for not only affiliated degree colleges but also rural ones.

Key Words: HE, NAAC, Criterion, Teaching-Learning, Evaluation, Exam, Best Practice, College.

Introduction:

The condition of Higher Education in India is completely diversified through the privatization, extensive expansion, starter programs and autonomy in various developing areas. At the same time, it has increased the speed of access to higher education. Through globalization it is necessary to maintain the quality and relevance of higher education. In that concern the National Policy on Education (NPE, 1986) and the Program of Action (PoA, 1992) has established an independent National accreditation agency in 1994, it is called as the National Assessment and Accreditation Council (NAAC). It is autonomous agency to run by HRD and monitored by UGC. This agency has its own visions to make quality assurance as an integral part of the working of Higher Education Institutions (HEIs). It can be seen clearly in manual for affiliated and constituent colleges of NAAC.

"To make quality the defining element of higher education in India through a combination of self and external quality evaluation, promotion and sustenance initiatives." (NAAC Manuals 5, 2017)





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28	Cell Phone : A Powerful Medium of Effective Communication for Teachers & Students	Sachin Bhojar	135
29	Impact of Faculty Development Programs for Positive Behavioural Changes Among Faculty	Dr. Sachchidanand Junghare	138
30	Revised Accreditation Framework	Laxmikant Kapgate	142
31	An Analytical Study on Contribution of the Faculty Development Programme in Professional Development	Dr. Siddhartha Nagdive	145
32	The Approach of NAAC About Research, Innovation and Extension	Prof. Mahadev Chunchu	150
33	Impact of ICT in Improving the Quality of Education	Dr. A. Chandramouly & Dr. P. S. Vairale & Mr. S. R. Deshmukh	152
34	Higher Education Institutions and Revised Accreditation Framework	Dr. Ratan Chaudhari	155
35	Faculty Development Programme in Higher Education	Ms. Preeti Nanotkar	158
36	Best Practices amongst the Teaching-Learning Activities of Higher Education	Dr. Yogesh Patinge	161
37	Comparative Analysis of Schools Affiliated with Different Educational Boards, in Nagpur	Dr Dileep Kumar Singh	164
38	Significance of Academic and Administrative Audit in Quality Education	S. M. Ghatole ¹ , P. B. Dahikar, A.D. Bobdey	168
39	Challenges and Advances of Autonomy with Quality Management	S. M. Ghatole, P. B. Dahikar, A.D. Bobdey	173
40	Need of Student Involvement for Maximum Utilization of Library Re-Source : In Rural Setup for NAAC.	Kishor Dambhare & Abheejit Patil	178
41	Rural Development in the Digital Age (ICT); A Review on its Availability, Adoption, Use and Impact in Rural Areas.	Dr. Shweta S. Bajpai	181
42	Paradigm Shift in Faculty Development Programme	Anand Chahande & Prof. Kanchan Ingole	188
43	Best Practice in Research	Prof. Satishkumar Dhawad	191
44	Comparative Study of Best Practices with Special Reference to NAAC Accredited 'A' Grade Colleges in Nagpur	Dr. Karuna Ganvir	193
45	Political Impact on Governing Bodies in Universities and Their Decision Making Policies in Higher Education in India.	Girish Tapre & Sachitanand Bichewar	201
46	Role of NAAC in Promoting Quality on Higher Education: A Review	P. C., Sonarghare, S. K. Kharkate and M. B. Thakare	206
47	Information and Communication Technology and Higher Education	Dr N.A.Mathankar & Prof R.P.Redu	209
48	Innovative Strategies and System For Effective Higher Education W.R.T. Research Culture	Prof. Pratima Singh	213
49	Role of Research, Consultancy and Extension Analysis for NAAC	Meghasham N. Narule	217
50	ICT and Best Practices as A Benchmark for Quality Advancement in Higher Education	Dr. Rozina Patel & Prof. Dhanashri Parkhi	223
51	NAAC Framework: Prospects and Challenges in the College's Program for Village Adoption and Development	Dr. Ajay Pethe & Dr. Rajiv Jadhao	231
52	Effective Use of ICT and E-Learning Resources in Rural Setup	Dr. Jayant Burade & Dr. Madan Ingale	235
53	Study if Socio- Economical Status of Undergraduate Students to Empower Higher Education	Samir Bagade	239
54	ICT and its Impact on Rural Development	Prof. Ashish Shastrakar	241



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Political Impact on Governing Bodies in Universities and Their Decision Making Policies in Higher Education in India.

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Abstract:

Today higher education is the one of the most indicator of development of any nation. Higher education system plays an important role for the country's overall development which includes industrial, social, economic etc. That is why many countries around the world are giving a special importance and focus on quality of higher education. Since independence, our education system has gone through surprising changes. Higher education in India has undergone quick development after post-independence era, Now India's higher education system is third largest in the world.,. But, today, due to many factors such as, political factors, social and economic factors. etc, our higher educational institutions are highly influenced. The present study was undertaken to discuss Political influence on decision making policies in higher education in India. Beside this from various research reports and many educational thinkers, researchers also concluded that in last three decades outcomes of educational policies are extremely impacted by political processes and practices.

Key Words : HEI, UGC, MHRD, GDP, New Education Policy, Acts .

Introduction:

Education constitutes the backbone of a country as it produces the human force which plays the most determining role in the advancement of a nation and also in the progress of civilization. Education is one that provides the thrust in getting ahead and building up a powerful democratic society. Therefore, higher education is considered as an important instrument for bringing about social, economic, political and technological development. Educational system in any country cannot flourish without quality and higher education is no exception to it [8]. Today higher education is the one of the most indicator of development of any nation. Higher education system plays an important role for the country's overall development which includes industrial, social, economic etc. That is why many countries around the world are giving a special importance and focus on quality of higher education. Higher education deals with the tertiary level of education. Undergraduate colleges, Post-graduate college. Universities and centers, of advanced studies are coming under scope of higher education. Higher education is of vital importance for the country, as it is a powerful tool to build knowledge-based society of the 21st Century [11]. From record of 2016 there were 750 Universities including 47 central Universities, 345 state Universities, 123 deemed Universities and 235 private universities There were 41435 colleges,. In 2016 an estimated 28484746 students were enrolled in the institutions of Higher Education. Higher education has special value in the emerging knowledge society. It contributes directly as well as indirectly to the wealth of a nation. Therefore, the country's future depends on a massive expansion of education particularly at higher education level[12]. The National Policy on Education-1986 viewed higher education as follows: "Higher education





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ICT and its Impact on Rural Development

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Abstract

Appropriate to the bee lacking in of awareness and use of ICT in rural areas, development is at a very tiny rate. Some development and improvement in the technologies provided by the management but there is no more outcomes in the development of rural areas. Information and communication technologies are developing day by day but are less relevant in rural areas. Lack of communication and resources are the source of embryonic. Main difficulty are in rural areas are electricity, communication, transportation and be short of acquaintance about new technology. ICT is not mortal absolutely implemented by the government and non-government organization for rural and urban areas. Electricity is the main interference in enlargement. There may be unusual vital declaration to solve the electricity quandary by using solar energy, bio fuels, bio gas, wind energy etc. E-governance and non-government institute can extend rural areas with facilitate of technologies.

Keywords: ICT, Rural Development, Technologies, Communication.

Introduction

Information and Communication Technologies (ICT) is being used by the government and non-government institute for raising the rural and urban areas. In rural areas people are less responsive. Due to this lack of knowledge people can't effortlessly communicate to the current market and each further. Government and non-government projects application are developed as steer projects and it's expected to submission easy entrance to citizen services and better giving out of government-to-citizen dealings. Several of these embrace strained international awareness and have won impressive awards for their pioneering approaches. If citizens are conscious about the technologies so they can easily develop the services provided through government and non-government organization (NGO). The formers and proprietor of family circle trade of rural area can cruise our product at market value. If there is correct communication and haulage available then peoples of that area can get the service by small scale industry recognized by government and NGO. Electricity is the key in aspect for enlargement. Several projects have experimented through the wireless technology to achieve the secluded locations.

Ict& E-Governance

Information and communication technology and e-governance are very supportive for technologies in rural areas. Government provides the influence to the organizations for implementing the technology in rural areas and moreover government afford different other services to the citizens for rural and urban area during internet or other media similar to markets, health, and education. Additionally, ICT can authorize the of inferior quality by growing the use of government services, and make smaller the risks by widen way in to micro finance. Application of ICT processes governance is at odds into two categories i.e. humanizing





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Issues and Challenges in Implementation of ICT Enabled Education in Rural College

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Abstract

Three-quarter of Indian people reside in the rural area and nearly third of rural Indian is still illiterate. In this situation ICT enabled education in rural area can be an innovative option to fill this literacy gap and to upgrade the teaching learning process the rural college. In the process of bringing ICT Enabled Education to rural college student, there are many issues and challenge facing the rural education college

This paper expresses the issues and challenge in bringing ICT enabled Education College satiated in rural India.

Keyword: Rural education, ICTs in college

Introduction

Information communication and technology (ICT) has been regarded as an important element for the teaching and learning process in college. The world moving rapidly into digital media and information, the role of ICT in education is becoming more and more important and this importance will continue to grow and develop in the 21st century. ICTs in education have an overall positive impact on the teaching and learning environment. ICTs have the potential to innovate, accelerate, enrich, and deepen skills, to motivate and engage students; create economic viability for tomorrow's workers, as well as strengthening teaching-learning and helping college change.

Definition and meaning of ICT

Information and Communication Technologies or ICTs as "a range of electronic technologies which when converged in new configurations are flexible, adaptable, enabling and capable of transforming organizations and redefining social relations. The range of technologies is increasing all the time and there is a convergence between the new technologies and conventional media". ICTs, therefore, are an expanding assembly of technologies that can be used to collect, store and share information between people using multiple devices and multiple media.

Need for ICT in Rural education

There is a general consensus among practitioners and academicians that integration of ICTs in education has an overall positive impact on the learning environment. ICTs have the potential to innovate, accelerate, enrich, and deepen skills, to motivate and engage students, to help relate school experience to work practices, create economic viability for tomorrow's workers, as well as strengthening teaching and helping college change

Challenges in implementation of ICT enabled education in rural college

Internal barriers to ICT implementation in college in rural locations include: Lack of trained teachers, Unfavorable organizational culture and poor attitude and beliefs, Shortage of





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28	Cell Phone : A Powerful Medium of Effective Communication for Teachers & Students	Sachin Bhojar	135
29	Impact of Faculty Development Programs for Positive Behavioural Changes Among Faculty	Dr. Sachchidanand Junghare	138
30	Revised Accreditation Framework	Laxmikant Kaggate	142
31	An Analytical Study on Contribution of the Faculty Development Programme in Professional Development	Dr. Siddhartha Nagdive	145
32	The Approach of NAAC About Research, Innovation and Extension	Prof. Mahadev Chunchu	150
33	Impact of ICT in Improving the Quality of Education	Dr. A. Chandramouly & Dr. P. S. Vairale & Mr. S. R. Deshmukh	152
34	Higher Education Institutions and Revised Accreditation Framework	Dr. Ratan Chaudhari	155
35	Faculty Development Programme in Higher Education	Ms. Preeti Nanotkar	158
36	Best Practices amongst the Teaching-Learning Activities of Higher Education	Dr. Yogesh Patinge	161
37	Comparative Analysis of Schools Affiliated with Different Educational Boards, in Nagpur	Dr Dileep Kumar Singh	164
38	Significance of Academic and Administrative Audit in Quality Education	S. M. Ghatole ¹ , P. B. Dahikar, A.D. Bobdey	168
39	Challenges and Advances of Autonomy with Quality Management	S. M. Ghatole, P. B. Dahikar, A.D. Bobdey	173
40	Need of Student Involvement for Maximum Utilization of Library Re-Source : In Rural Setup for NAAC.	Kishor Dambhare & Abheejit Patil	178
41	Rural Development in the Digital Age (ICT); A Review on its Availability, Adoption, Use and Impact in Rural Areas.	Dr. Shweta S. Bajpai	181
42	Paradigm Shift in Faculty Development Programme	Anand Chahande & Prof. Kanchan Ingole	188
43	Best Practice in Research	Prof. Satishkumar Dhawad	191
44	Comparative Study of Best Practices with Special Reference to NAAC Accredited 'A' Grade Colleges in Nagpur	Dr. Karuna Ganvir	193
45	Political Impact on Governing Bodies in Universities and Their Decision Making Policies in Higher Education in India.	Girish Tapre & Sachitanand Bichewar	201
46	Role of NAAC in Promoting Quality on Higher Education: A Review	P. C., Sonarghare, S. K. Kharkate and M. B. Thakare	206
47	Information and Communication Technology and Higher Education	Dr N.A.Mathankar & Prof R.P.Redu	209
48	Innovative Strategies and System For Effective Higher Education W.R.T. Research Culture	Prof. Pratima Singh	213
49	Role of Research, Consultancy and Extension Analysis for NAAC	Meghasham N. Narule	217
50	ICT and Best Practices as A Benchmark for Quality Advancement in Higher Education	Dr. Rozina Patel & Prof. Dhanashri Parkhi	223
51	NAAC Framework: Prospects and Challenges in the College's Program for Village Adoption and Development	Dr. Ajay Pethe & Dr. Rajiv Jadhao	231
52	Effective Use of ICT and E-Learning Resources in Rural Setup	Dr. Jayant Burade & Dr. Madan Ingale	235
53	Study if Socio- Economical Status of Undergraduate Students to Empower Higher Education	Samir Bagade	239
54	ICT and its Impact on Rural Development	Prof. Ashish Shastrakar	241



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Need of Student Involvement for Maximum Utilization of Library Re-Source :In Rural Setup For NAAC.

Kishor S. Dambhare Abheejit N. Patil
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Vidyabharati Mahavidyalay, Seloo, Wardha

Abstract:

In the digital age of information all resources available on single click of Web. Maximum information re-sources are on domain base so in the golden age of information, large distances between readers and their regarding information. colleges in rural areas, college connected libraries are facing many challenges like skill human resources, physical infrastructure, technological awareness and less reading habits. When we are thinking about preparation of NAAC, the NAAC Access available the facilities and utilization of resources like Library visitor Ratio, circulation ratio of books (issue return ration) , Journals, E-journals also.

Hence, in this article we tried that how to attract user for increase library visitor ratio and develop interest within students to access all type of re-sources- traditional as well as domain base.

Key Words : ICT In Library Llibrary reader's club, wall picture magazine , best reader awards ,competitions and training programs .

Introduction:

Our country wayfaring to the 21 st century, in the same time we hearing the words computerization, digitalization, internet, domain base, flip class, virtual library etc. when we see our rural area's colleges, libraries and students very far from that facilities and awareness. Because of that reason they are distract from aims and motives. In this situation libraries facing the problem having less number of readers. Especially in rural areas library visitors' ratio and circulation transaction ratio is very poor.

Now a day, there is need to improve the utilization of library. There is troublesome situation where librarians need to conduct some programs, schemes, and training for the library users. By these programs, librarians have to increase readers reading habits and alertness. It is also beneficial for NAAC. Main motive of NAAC is to assess overall development of the students which are concerning with their currier. Thus ultimately we can develop our society and nation also. In this way we increase the interest and participation of our students in the program.

Use of ICT in library:

From last two decades' tremendous use of computer and internet facilities in the library for the use of technology has been proceeding. Now, day by day E- publishing , domain base information , e- books, online tutorials, online audio books ,E-Journals and free open access resources being explored. So in that situation we need to train the user for effective use of information, aware to access the virtual information and develop skills for it.

Wall picture Magazine:

Wall picture magazine is the best activity for attract the students to use the library and improve the visitor ratio. In this activity we have to involve students and academic staff also. Through that they can publish their own ideas, articles, rare collections, awards, and



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INDEX

No.	Title of the Paper	Author's Name	Page No.
1	The Revised NAAC Approach : Changing DNA of HE in India	Dr. Shirish Chindhade	06
2	Role of NAAC in Ensuring Quality of Higher Education	Dr. Sanjay Kanode	10
3	The Importance of Internal Evaluation System to Consider as an Essential Part of Teaching-Learning and Evaluation Process in NAAC	Vaibhao Pimpale & Ashish Tiple	12
4	Use of ICTs : Challenges in Teaching and Learning	Dr. U. P. Meshram, Dr. A. J. Kadam, Dr. S. P. Dhanwate, Dr. Ravindra Sontakke	18
5	Importance of Outcome-Based Education: NAAC Perspective	Dr. Ashish Sasankar & Mr. Sandip Petare	22
6	Rashtriya Madhyamik Shiksha Abhiyan (RMSA)	Dr. Priyanka Singh	28
7	Role of Higher Education in Social Development	Dr. Vilas Hadge	31
8	E-Learning : An Effective Application for Teaching-Learning in Rural Setup	Amol Raut	33
9	NAAC Policy and College Libraries	Dr. Vikram Giri	39
10	Best Practices Adopted in Academic Libraries	Dr. Vibhavari Hate	46
11	Role of Faculty Development Programmes for Quality Enhancement in Higher Education	Dr. Somanadh Kolluru & Dr. Abdul Bari	51
12	E-Shodh Sindhu: An Effective Consortia of E-Resources for Higher Education	Mohammed Mudassir Ahmed	56
13	Use of ICT Tools To Improve Quality Education	Prof. Roshan Ambatkar & Dr. Ashish Sasankar	61
14	Best Practices Adopted by NAAC Accredited Colleges Affiliated to Rashtrasant Tukadoji Maharaj Nagpur University	Dr. B. P. Ghaisas & Dr. Gopal Helonde	65
15	Role of E-Learning and ICT in the Higher Education	Dr. Banginwar Y. S. & Prof. Dawande A. Y	72
16	Impact of E- Learning on Rural Areas	Ms. Sushma Kamble	78
17	E-Learning Resources in Rural Development	Dr. Parag Kawley	84
18	Co-Education, It's advantages, Disadvantages and Islamic View	Wasim Khan	91
19	Issues and Challenges in Implementation of ICT Enabled Education in Rural College	Mr. Sonal Panchabhai and Mr. Prashant Narayane	100
20	Impact of ICT for Rural Higher Education Setup	Dr. Sachin Kadu	103
21	Library as A Learning Resource: A Study from the NAAC Perspectives	Dr. Atul R. Sidurkar	106
22	Information and Communication Technology (ICT) in Sports	Dr. Shashank Nikam	109
23	Best Practices A Tool for Skill Development	Prof. Shirish Sutar	113
24	The Role of ICT in Rural Area Libraries	Ms. Chinmayi Unmesh Panke	116
25	Information and Communication Technology Facilitated Rural Education	V. N. Patil	121
26	A Bee Keeping - Best Practice	Prof. Kamraj Ramteke	126
27	Changing Role of National Assessment and Accreditation Councils (NAAC) and its Benefits	Dr. Ashish Thanekar	128

3

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NUTRITION AND DIETETICS

Dr. SHASHANK G. NIKAM

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Abstract

It is the situation of the Academy of Nutrition and Dietetics that ladies of childbearing age ought to embrace a way of life enhancing wellbeing and lessening danger of birth deserts, problematic fetal advancement, and ceaseless medical issues in both mother and child. Components prompting sound pregnancy result incorporate solid pre-pregnancy weight, suitable weight gain and physical action amid pregnancy, utilization of a wide assortment of nourishments, fitting nutrient and mineral supplementation, shirking of liquor and other hurtful substances, and safe sustenance dealing with. Sustenance evaluation needs to envelop changes in anthropometric, biochemical, and clinical pointers all through pregnancy. Pregnant ladies should put on weight as indicated by the 2009 Institute of Medicine Guidelines. Vitality needs are no higher than the Estimated Energy Requirement for nonpregnant ladies until the second trimester; from there on, the additional vitality require every day is 340 kcal and 452 kcal in the second and third trimesters, respectively. Utilizing the 2010 Dietary Guidelines for Americans, enrolled dietitian nutritionists and dietetics specialists, registered, can enable pregnant ladies to choose a sustenance plan dependent on age, physical action, trimester, weight gain, and other considerations. Women are urged to take an interest in no less than 150 minutes of moderate-force vigorous action spread consistently or 30 minutes of respectably extraordinary exercise on most days of the week. When great nourishment decisions are made, nourishment utilization to meet additional vitality needs and the expanded assimilation and productivity of supplement usage that happens in pregnancy are commonly sufficient to meet most supplement needs. Be that as it may, nutrient and mineral supplementation might be critical in powerless cases including nourishment weakness; liquor, tobacco, or other substance reliance; iron deficiency; strict veggie lover (vegetarian) diet; or poor dietary patterns. Different systems are expected to help solid ways of life for all ladies, from previously established inclination through the baby blues period. This training paper underpins the Academy of Nutrition and Dietetics' position paper "Sustenance and Lifestyle for a Healthy Pregnancy Outcome" distributed in the July 2014 Journal of the Academy of Nutrition and Dietetics. Introduction to nutrition

Nourishment is characterized as the procedures by which a creature or plant takes in and uses sustenance substances. Basic supplements incorporate protein, sugar, fat, nutrients, minerals and electrolytes. Regularly, 85% of day by day vitality utilize is from fat and sugars and 15% from protein. In people, sustenance is principally accomplished through the way toward placing nourishments into our mouths, biting and gulping it. The required measures of the fundamental supplements contrast by age and the condition of the body, for instance: physical action, maladies present (e.g. prostate malignant growth, bosom disease or debilitated bones – known as osteoporosis), prescriptions, pregnancy and lactation.

Fundamental supplement necessities

Supplements can be portrayed as the concoction segments of sustenance and can be characterized into six general gatherings: sugars, proteins, fats, nutrients, minerals and water.



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25	Information and Communication Technology Facilitated Rural Education	V. N. Patil	121
26	A Bee Keeping - Best Practice	Prof. Kamraj Ramteke	126
27	Changing Role of National Assessment and Accreditation Councils (NAAC) and its Benefits	Dr. Ashish Thanekar	128





E-Learning Resources in Rural Development

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Abstract:

The field of education emerge now information and communication technology and techniques that shows now terms of teaching and E-learning. Educational institutes had developed learning management system to facilitate e-learning. There are outstanding digital separate among urban and rural areas. In this paper, we present a model for providing e-learning services in rural areas in order to promote and facilitate most recent education. An enthusiastic resource center, hosting the learning management system, facilitates e-learning centers through Internet. The generally goal of this model is to include a cost-effective learning environment set by latest technologies to provide learners an opportunity to get coming into new information and communication technologies and e-learning environment. The model offers new teaching methodology with improve operation of learning management system in teaching and learning. Essential characteristics and technical aspects will be considered as well. The study will also encourage development and usage of open-source technologies.

Keywords: E-learning, ICTs, Educational Technology, Learning Management System, Open-source Software/Technology.

Introduction :

The incredible development in Information and Communication Technologies (ICTs) has covered the way for e-learning. Uses of computers in education sector know how to be traced back to the early 1980s when simple word processors are in use. The Internet has revolutionized the computer and transportation world like no one facing. This brings us great learning opportunities by having entrance to large amount of information with benefits in expressions of time and cost savings. The modern educational technology facilitates design, captivity and management of educational activities for learners. This can be face-to-face in a lecture hall, online, or combination of both. Imparting education in this way be termed as e-learning (electronic learning) i.e. learning through information and communication technologies. E-learning facilitates reserve learning and provides means to learners to right to use learning material any time and at any place.

A learning management system (LMS) be alive the software application that facilitates e-learning. Multiplicities of commercial as well as open-source LMSs are available today which are being used in educational institutions.

Predictable learning involves setting up infrastructure of school/college and hiring of faculty and staff. Students contain to attend school/college in order to learn. In the rural areas, development of such institute and hiring of full-time faculty requires a lot of resources. Professionally trained educators generally prefer to work and inhabit in urban areas. Accordingly, the population of rural areas is privileged of quality educators and thus quality education. The current work proposes development of e-learning centers based on ICT to provide



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55	Execution of Rural Development Evidence Based Best Practices for NAAC By "Women Cell Program" in RGBGI.	Prof. Shilpa Mankar	245
56	Advantages of NAAC in Quality Assurance and Student Development	R.U Thakare, J.V.Dadve, M.P. Morghare	249
57	Facing NAAC : Challenge or Opportunity?	Dr. Hitendra Dhote	252
58	Need of Faculty Development Programs for Effective Teaching and Learning Process	Vibha Nikose	255
59	Usage of Learning Management System Moodle in Higher Education	Z. N. Kashmiri	258
60	Study of NAAC Assessment Methods and its Effects on Quality of Engineering Institutions	Amol Narayane, Dr. Pradip Ghorpade, Dr. Sanjay Kanode, Dr. Vinod Khapne	264
61	अध्ययन अध्यापनात माहिती तंत्रज्ञानाची भूमिका	डॉ. अभिजीत वेरुळकर, डॉ. प्रमोद आचेगावे	267
62	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. प्रमोद तडस, डॉ. सुनिल उरकुडकर	270
63	महाविद्यालयीन ग्रंथालयांमाठी नॅक चे मूल्यांकन : एक अभ्यास	डॉ. योगेश भाले, डॉ. सुखलाल राठोड, डॉ. विठ्ठल बदुले	274
64	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. सोनाली बनसोड, डॉ. खुशाल पठाडे	276
65	NAAC सुधारित चौकोटीत व प्रक्रियेत ग्रंथालयाची भूमिका	डॉ. किशोर बुमणे	278
66	ग्रंथालय संगणकीकरण आणि नेटवर्किंग	डॉ. आर. आर. माणिकपुरे	282
67	माहिती संप्रेषण तंत्रज्ञानाद्वारे ग्रामीण भागातील शैक्षणिक पातळीचा अभ्यास	डॉ. पवन नाईक, डॉ. अर्चना कहाळे-पत्की	285
68	नॅकला सामोरे जाताना ग्रंथालयाची भूमिका व ग्रंथपालाचे स्थान	सौ सुप्रिया गादेवार, श्री विष्णुकांत गादेवार	291
69	महाविद्यालयीन ग्रंथालयाचे नॅक मूल्यांकन	प्रा. विठ्ठल बदुले, प्रा. विष्णु शेळके	293
70	राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद की नई मूल्यांकन पद्धती में शारीरिक शिक्षण और क्रीडा विभाग की रूपरेखा	डॉ. सुशील चौहान	297

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नेक मूल्यांकनात ग्रंथालयाची भूमिका

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सार :

उच्च शिक्षणाचा दर्जा वाढविण्यासाठी महाविद्यालयाचे मूल्यमापन होणे गरजेचे आहे. शिक्षणाच्या गुणात्मक दर्जा वाढविण्याची महाविद्यालयांना मूल्यांकनाद्वारे मिळत आहे. नेकमध्ये उत्तम ग्रेड मिळण्यासाठी प्रत्येक संस्था प्रयत्न करते. ग्रंथालयांनी आधुनिकतेच्या काळात वाचकाभिमुख होण्यासाठी आधुनिक तंत्रज्ञानाचा वापर करणे आवश्यक आहे. वाचक, ग्रंथ व ग्रंथपाल या तीनही घटकांवर ग्रंथालयाचे यश अवलंबून असते.

प्रस्तावना :

नेक मूल्यांकनात महाविद्यालयीन ग्रंथालयाची भूमिका फार महत्वाची आहे. ग्रंथालय हे महाविद्यालयाचे हृदय आहे. त्यामुळे महाविद्यालय ग्रंथालय अतिशय सुसज्ज असावे. त्यात पूरक वाचन साहित्य त्याचसोबत इतरही दृकश्राव्य साधनांनी युक्त असावे. प्राध्यापक, विद्यार्थ्यांना व अभ्यागतांना आवश्यक असलेले ज्ञान साहित्य त्यांना उपलब्ध करून देता आले पाहिजे. त्याकरिता ग्रंथालयात विविध सेवा प्रदान केल्या जातात. ग्रंथालयात उपलब्ध ग्रंथ संख्या, संदर्भ ग्रंथ, मासिके, नियतकालिके, वृत्तपत्रे याचा संग्रह सुव्यवस्थित रितीने ठेवणे. तसेच उपभेक्तांना ग्रंथालयातून वेगवेगळ्या सेवा प्रभावीपणे दिल्या गेल्या पाहिजे. आजचे युग हे माहिती व तंत्रज्ञानाचे युग आहे. ग्रंथालय हे संगणकीकृत असणे आवश्यक आहे. त्याकरिता ग्रंथालय सॉफ्टवेअर असणे आवश्यक आहे. त्याचा उपयोग करून ग्रंथालय हे संगणकीकृत करून स्वयंचलित करता येते. छा।। करिता या सर्व गोष्टी ग्रंथालयात असणे अत्यंत गरजेचे आहे.

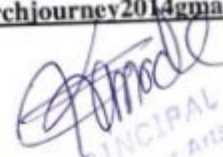
उद्दिष्टे :

- विविध प्रकारच्या शैक्षणिक संस्थामधील शैक्षणिक गुणवत्तेची तपासणी करून त्याचे काटेकोरपणे मूल्यमापन करणे हे आहे.
- उच्च शिक्षणसंस्थांच्या कार्याचे व त्यांच्या अभ्यासक्रमाचे मूल्यमापन करणे.
- उच्च शिक्षण संस्थांमध्ये शैक्षणिक वातावरण निर्माण करून तेथील अध्यापन व संशोधन त्यांच्या गुणवत्तावृद्धीला चालना देणे.
- महाविद्यालयातील व्यवस्थापन प्रशासन, दैनंदिन कार्य यांच्या गुणवत्तावृद्धीसाठी त्यांना मार्गदर्शन करणे.

नेक मूल्यांकना करता आवश्यक बाबी :

- ग्रंथालयाची स्वतंत्र इमारत आहे का
- ग्रंथालयाकरिता सल्लागार समिती आहे का
- ग्रंथालयात एकूण किती ग्रंथ, संदर्भ ग्रंथ, नियतकालिके आहेत
- ग्रंथालयाचे संगणकीकरण करण्यात आले आहे काय




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Need of Faculty Development Programs for Effective Teaching and Learning Process

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Abstract

Faculty development programs (FDPs) have proven to be successful for improving teaching skills in higher education. It tackled why FDP is important, history of FDP in the past years, and questioned whether FDP produced any positive effect on students' academic achievement as well as the different methods to assess FDPs effectiveness. The review also discussed how to establish FDP, presented its ideal structure, features that make FDP effective, and outlined the barriers to its successful implementation as well as the future vision. Finally, the review concluded that professional FDPs produce promising outcomes in the learning and teaching practices and recommended that teachers in higher education should attend FDP training activities on regular basis and that the scope of planned FDPs should extend beyond the health professions discipline, to include social skills necessary for collaboration, professional growth as well as management, and leadership abilities [1].

Introduction

Education is a fundamental right of each human being. In the constitution of the Republic of India it was envisaged that the State would provide, within 10 years from its commencement, free and compulsory education to all children up to the age of 14 years. Recently, by an act of constitutional amendment, the Parliament has made universal elementary education compulsory. Many countries of the world have gone a step beyond and made ten years of general education compulsory. In our country there are 300 million children in the school age group. The challenge now is to provide educational access for universal elementary education to 200 million children and to follow it by universal secondary education. Even achieving universal primary education has been an uphill task, as because of budgetary constraints the State has not been able to invest in this sector at the desired level and education as an effective instrument for national development could not be fully realized. If, for making a thumb rule estimate of number of teachers required for arranging schooling of 300 million children, it is assumed that for education of every 30 children at least one teacher is required. At this rate the country would need 10 million teachers. There are 5 million teachers in service now. Therefore, at least another 5 million teachers are needed if compulsory general education is to be provided to all children. The teacher at any stage is expected to bring out the best in the child and youth and help them to realize their maximum potential. Physical, intellectual, spiritual. The teacher education system should ensure adequate supply of such professionally trained teachers to teach and guide those who study in schools and institutions of higher learning. The main concern is therefore to build teacher capability to translate curricular intents into appropriate learning experiences for student to enable them to acquire the desired knowledge, skills, attitudes and aptitudes.[2]

Need of faulty development program

In order to achieve this, the teacher education system should be situated in and driven by the special quality features of the teacher education enterprise. Teaching is a profession and





55	Execution of Rural Development Evidence Based Best Practices for NAAC By "Women Cell Program" in RGBGI.	Prof. Shilpa Mankar	245
56	Advantages of NAAC in Quality Assurance and Student Development	R.U Thakare, J.V.Dadve, M.P. Morghare	249
57	Facing NAAC : Challenge or Opportunity?	Dr. Hitendra Dhote	252
58	Need of Faculty Development Programs for Effective Teaching and Learning Process	Vibha Nikose	255
59	Usage of Learning Management System Moodle in Higher Education	Z. N. Kashmiri	258
60	Study of NAAC Assessment Methods and its Effects on Quality of Engineering Institutions	Amol Narayane, Dr. Pradip Ghorpade, Dr. Sanjay Kanode, Dr. Vinod Khapne	264
61	अध्ययन अध्यापनात माहिती तंत्रज्ञानाची भूमिका	डॉ. अभिजीत वेरुळकर, डॉ. प्रमोद आचेगावे	267
62	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. प्रमोद तडस, डॉ. सुनिल उरकुडकर	270
63	महाविद्यालयीन ग्रंथालयांसाठी नॅक चे मूल्यांकन : एक अभ्यास	डॉ. योगेश भाले, डॉ. सुखालाल राठोड, डॉ. विठ्ठल बदुले	274
64	नॅक मूल्यांकनात ग्रंथालयाची भूमिका	प्रा. सोनाली बनसोड, डॉ. खुशाल पठाडे	276
65	NAAC सुधारित चौकोटीत व प्रक्रियेत ग्रंथालयाची भूमिका	डॉ. किशोर बुमणे	278
66	ग्रंथालय संगणकीकरण आणि नेटवर्किंग	डॉ. आर. आर. माणिकपुरे	282
67	माहिती संप्रेषण तंत्रज्ञानाद्वारे ग्रामीण भागातील शैक्षणिक पातळीचा अभ्यास	डॉ. पवन नाईक, डॉ. अर्चना कहाळे-पत्की	285
68	नॅकला सामोरे जाताना ग्रंथालयाची भूमिका व ग्रंथपालाचे स्थान	सौ सुप्रिया गादेवार, श्री विष्णुकांत गादेवार	291
69	महाविद्यालयीन ग्रंथालयाचे नॅक मूल्यांकन	प्रा. विठ्ठल बदुले, प्रा. विष्णु शेळके	293
70	राष्ट्रीय मूल्यांकन एवं प्रत्यायन परिषद की नई मूल्यांकन पद्धती में शारीरिक शिक्षण और क्रीडा विभाग की रूपरेखा	डॉ. सुशील चौहान	297

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Comparative Study of Best Practices with Special Reference to NAAC Accredited 'A' Grade Colleges in Nagpur

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Abstract

Indian higher education has been continuously developing its quality but still lack in greater reforms. Ministry of HRD and university Grants Commission (UGC) provide the grants, facilities and benefits given to HEIs for quality up gradation and made assessment and accreditation mandatory. Indian HEIs generating new ideas through research and innovations. NAAC has provided 100 points to Innovations and Best Practices (Criteria VII) in overall assessment and accreditation of college. Best practices are able to instill the scientific approach to issues or problems of society. The present study is done to elaborate and compare the best practices done at different colleges which received 'A' grade by NAAC in Nagpur district.

Keywords: NAAC, HRD, HEIs, UGC, SSR, AQAR

Introduction

The purpose of education is not just making students literate but it should increase student's self-sufficiency and thinking. In order to improve and maintain these qualities among students NAAC has made it obligatory to establish a strong empowered IQAC cell in every educational institution. Now a day's youth demands more than traditional teaching learning methods. Best practices in institutions and colleges add value to human life and support the main cause of institution. Best practices make the environment cheerful in institutions by adding social moral values, innovations and new ideas.

Objectives of Study:

1. To know the best practices of 'A' grade colleges in Nagpur.
2. To find out the role and impact of best practices on college development and in process of college accreditation.
3. To compare the various colleges, according to NAAC score.
4. To provide the ready hand data of best practices of NAAC accredited 'A' grade colleges in Nagpur.

Methodology:

NAAC accredited 'A' grade colleges particularly of arts, commerce and science streams in Nagpur selected for the present study. For this selection, NAAC score obtained by the colleges in last accreditation cycle is considered. Data of the best practices undertaken by colleges are obtained from authentic websites of concerned colleges. The data of best practices displayed on the websites of respective colleges except a few. Self-Study Reports (SSRs), Annual Quality Assurance reports (AQARs), and related material is downloaded from the websites of respective colleges. This same data has been compared and analyzed and presented in the form of table. Two Best practices of each college are taken into consideration for analysis.


PRINCIPAL

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& Science College, SELOO**





28	Cell Phone : A Powerful Medium of Effective Communication for Teachers & Students	Sachin Bhojar	135
29	Impact of Faculty Development Programs for Positive Behavioural Changes Among Faculty	Dr. Sachchidanand Junghare	138
30	Revised Accreditation Framework	Laxmikant Kapgate	142
31	An Analytical Study on Contribution of the Faculty Development Programme in Professional Development	Dr. Siddhartha Nagdive	145
32	The Approach of NAAC About Research, Innovation and Extension	Prof. Mahadev Chunchu	150
33	Impact of ICT in Improving the Quality of Education	Dr. A. Chandramouly & Dr. P. S. Vairale & Mr. S. R. Deshmukh	152
34	Higher Education Institutions and Revised Accreditation Framework	Dr. Ratan Chaudhari	155
35	Faculty Development Programme in Higher Education	Ms. Preeti Nanotkar	158
36	Best Practices amongst the Teaching-Learning Activities of Higher Education	Dr. Yogesh Patinge	161
37	Comparative Analysis of Schools Affiliated with Different Educational Boards, in Nagpur	Dr Dileep Kumar Singh	164
38	Significance of Academic and Administrative Audit in Quality Education	S. M. Ghatole ¹ , P. B. Dahikar, A.D. Bobdey	168
39	Challenges and Advances of Autonomy with Quality Management	S. M. Ghatole, P. B. Dahikar, A.D. Bobdey	173
40	Need of Student Involvement for Maximum Utilization of Library Re-Source : In Rural Setup for NAAC.	Kishor Dambhare & Abheejit Patil	178
41	Rural Development in the Digital Age (ICT); A Review on its Availability, Adoption, Use and Impact in Rural Areas.	Dr. Shweta S. Bajpai	181
42	Paradigm Shift in Faculty Development Programme	Anand Chahande & Prof. Kanchan Ingole	188
43	Best Practice in Research	Prof. Satishkumar Dhawad	191
44	Comparative Study of Best Practices with Special Reference to NAAC Accredited 'A' Grade Colleges in Nagpur	Dr. Karuna Ganvir	193
45	Political Impact on Governing Bodies in Universities and Their Decision Making Policies in Higher Education in India.	Girish Tapre & Sachitanand Bichewar	201
46	Role of NAAC in Promoting Quality on Higher Education: A Review	P. C., Sonarghare, S. K. Kharkate and M. B. Thakare	206
47	Information and Communication Technology and Higher Education	Dr N.A.Mathankar & Prof R.P.Redu	209
48	Innovative Strategies and System For Effective Higher Education W.R.T. Research Culture	Prof. Pratima Singh	213
49	Role of Research, Consultancy and Extension Analysis for NAAC	Meghasham N. Narule	217
50	ICT and Best Practices as A Benchmark for Quality Advancement in Higher Education	Dr. Rozina Patel & Prof. Dhanashri Parkhi	223
51	NAAC Framework: Prospects and Challenges in the College's Program for Village Adoption and Development	Dr. Ajay Pethe & Dr. Rajiv Jadhao	231
52	Effective Use of ICT and E-Learning Resources in Rural Setup	Dr. Jayant Burade & Dr. Madan Ingale	235
53	Study if Socio- Economical Status of Undergraduate Students to Empower Higher Education	Samir Bagade	239
54	ICT and its Impact on Rural Development	Prof. Ashish Shastrakar	241



[Signature]
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Vol. VII


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INDEX

PAPER ID	TITLE OF PAPER	AUTHOR	PAGE NO.
1	E-Commerce : A New Business Revolution	Dr. Kiran R. Nerkar	1-8
2	Importance of English Communication for Commerce & Management Students of Rural Areas and Its Remedies	Prof. Dr. R. A. Fulkar & Dr. R. P. Ingole	9-12
3	English Learning Enhancement via ICT	Dr. Aslam Y. Suriya, Dr. S. B. Kishor	13-17
4	Influence of English and Computer Technology in Commerce and Business	Dr. Mamta Muthal	18-22
5	Importance of English in Business Communication skills	Prof. Dr. R. A. Fulkar & Dr. S. B. Mohitkar	23-27
6	Recent Development in Commerce and Business	Prof. Monika N. Manapure & Dr Vinod S. Khapne	28-31
7	Internet Based E-Commerce Scenario in India	Prof. Dr. Parag R. Kawley	32-39
8	Role of E-Commerce in Market Development	Dr. Malhar Kolhatkar	40-44
9	Role of Computer Technology in Banking	Dr. Durga Anil Pande	45-51
10	Importance of English in Business Communication	Dr. Varsha V. Vaidya & Dr. Vishnu M. Chavan	52-54
11	Role of Computer Technology to Enhance E-Commerce	Dr. Ajay Ramteke & Dr. Girish Katkar	55-57
12	The Role of Computer and Internet Access in Business Students' Acceptance of E-Learning Technology	Dr. Gopal Zade	58-61
13	Importance of English Language in Business Communication and Innovative Language teaching Methods for Rural students of India.	Dr. Yogita P. Barbuddhe	62-68
14	The Importance of English in the Business World	Dr. Kishor V. Ghormade & Archana S. Deshmukh	69-74
15	Phases of Machine Translation in Natural Language Processing	Dr. Pankaj V. Nimbalkar & Dr. P.K. Butey	75-80
16	Role of Computer In Business World	Shrutika. V. Jamdar	81-86
17	Importance of English in Corporate Culture	Prof. Shraddha Rakhade	87-92
18	A Study on Impact of M-Commerce on India's Commerce	Dr. Ghanshyam B. Bagde	93-100
19	Role of English in Business Communication, Barriers and Remedies	Dr. Sharad R. Vihirkar	101-107
20	DIGITAL IN 2018: Survey of Social Media	Prabhakar Motghare	108-112
21	Importance of English in Business Communication	Dr. Nilaja M. Umekar	113-117
22	Role of Computer Technology in Teaching the English Language: A Survey	Dr. Amar M. Sote, Dr. Anup V. Gumble	118-122
23	English Language and Business Communication	Mr. Ashish S. Kate	123-127
24	The Role of English for Computer of Modern Business	Dr. Kanchan M. Thakre	128-134
25	Internet Shopping in India	Dr. Vishal Belsare	135-139




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INTERNET BASED E-COMMERCE SCENARIO IN INDIA

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➤ ABSTRACT

The main objective of this research paper is to review the internet based e-commerce scenario in India. E-commerce or electronic commerce refers to trading in goods and services using the electronic devices. It is the integration of e-mail, electronic funds transfer, EDI and similar computers techniques into business system.

Today E-commerce has become an integral part of our daily life. This growth of e-commerce is dependent on the growth of internet users in India. There are trade-directories, multi-product and single-product websites. According to the NASSCOM survey, the number of internet users reached to 500 million in 2018. The volume of internet based e-commerce transactions in our country was about 475 million in 2018.

Global reach, easy access, low-cost advertising media, equal footing to large and small firms are the prominent benefits of the internet for e-commerce. Indian companies have e-commerce opportunities in the areas of financial, banking services, stock trading, legal services, professional services, tourism and more. The suggestions for smooth operation of internet based e-commerce are education, training, caution, authentication, virus-protecting software and allocation of adequate resources.

➤ KEYWORDS

Internet, Evaluation of E- Commerce, E-Commerce Opportunities, Issues and Benefits.



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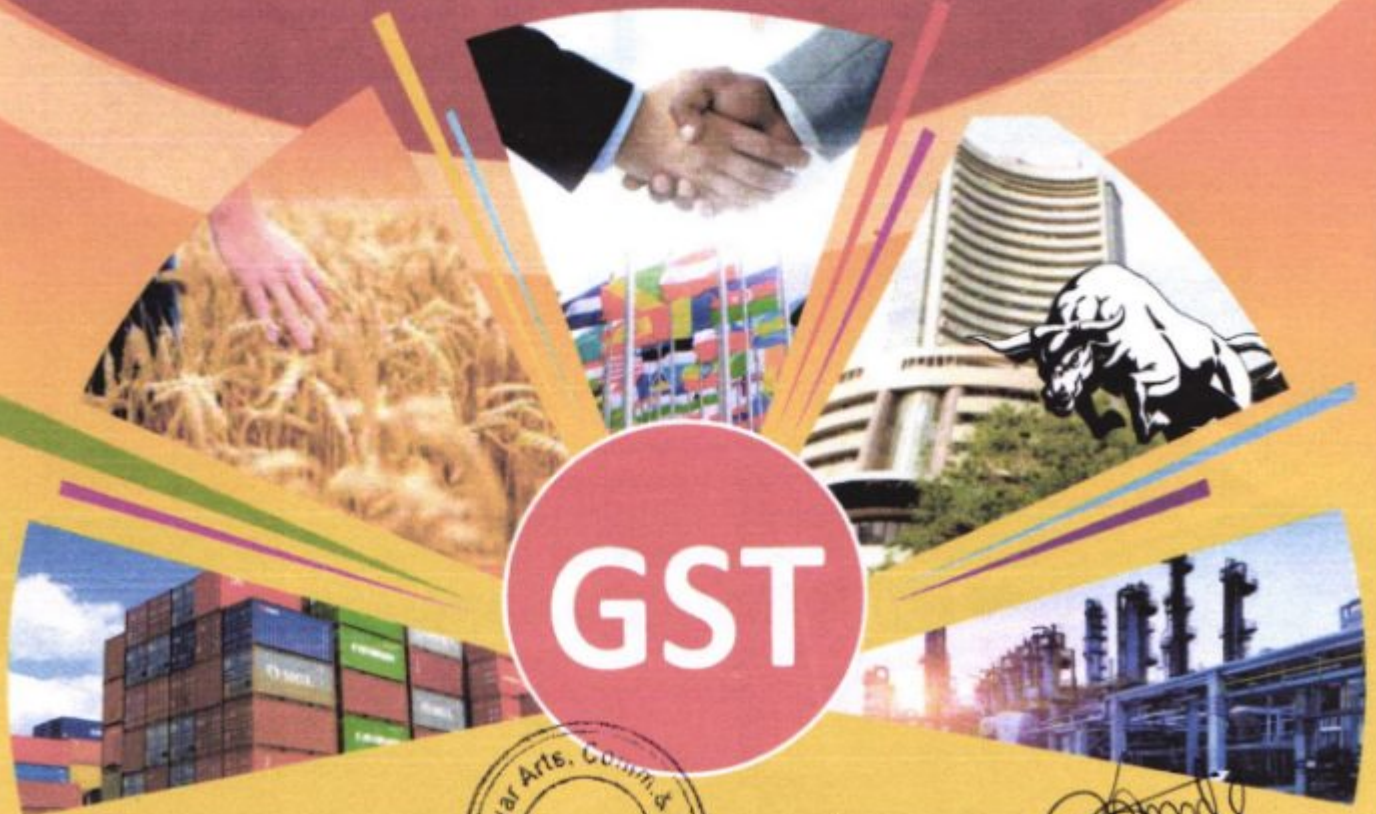



National Conference on
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(IGIE-2019)

9th February, 2019

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22	Dr. Ghanshyam B. Bagde	GST impact on FMCG: Beneficial, but issues remain	90
23	Dr. Richa Kalyani	GST: PAST, PRESENT & FUTURE	95
24	Mrs. Sampada P. Tumbde	Advantages and Disadvantages of GST	99
25	DR. VIVEK S CHAVAN	Awareness of Implementation of Goods and Services Tax (GST) Among College Students' in NAGPUR	105
26	DR. MANISH B. VYAS	GST AT A GLANCE AND PRACTICAL ASPECTS OF ITS PROCEDURE FOR BUSINESS AFTER ITS IMPLEMENTATION	114
27	Prof. Jijo Michael Pious	GST taxpayers failing to file GST Returns	119
28	Dr. S. Thakare	Goods & Services Tax and Its Impact on Indian Economy	126
29	Dr. Kawita K. Lende	Impact of GST on service sector	130
30	Dr. Aparna Abhay Ambekar	GOODS AND SERVICE TAX 'GST' THE JOURNEY JUST BEGAN	133
31	Prof. Dr. Parag R. Kawley	Impact of GST on Indian Economy: current Scenario	137
32	Dr. B. B. Kalpande.	Impact of GST on Indian economy	143
33	Dr. Rosalin Mishra	Importance of GST in Indian tax system	146
34	Dr. Sarang Javkhedkar Dr. Anjali Shrungarkar	Impact of GST on Service Sector	149
35	Miss. Vaishali S. Kadukar	Impact of GST on small businesses	153
36	Dr. M. J. Kolhatkar	IMPACT OF GST ON CONSUMER	157
37	Dr. Vijeyandra Shahu	INDIAN AGRICULTURE IN THE GST FRAMEWORK	161
38	Dr. Pratap M. Chauhan	Indian Economy : Future Impact of GST on Industrial Sectors	165
39	DR. MEENA ANIL DESHMUKH.	THE GOODS AND SERVICE TAX ACT VIS A VIS THE FARMERS	171
40	Prof. Mubina Saifee	Impact of GST on different sectors of the Indian Economy	176
41	Pro. Shrikrishna Raut Dr. SANDEEP D. BHELAM	Impact of GST on Small Businesses	182
42	DR. BHAVESH CHANDRAKANT BHUPTANI	IMPACT OF GST ON INDIA'S INFLATION	186
43	Dr. Ku. M. S. Lilhare	Goods and Services tax the Journey just began	191



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Impact of GST on Indian Economy: current Scenario

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➤ ABSTRACT

GST is a single national uniform tax levied across India on all goods and services. In GST, all Indirect taxes such as excise duty, central sales tax (CST) and value-added tax (VAT) etc. will be subsumed under a single regime. Introduction of The Goods and Services Tax (GST) expected as a significant step towards a comprehensive indirect tax reform in the country, which would lead India for its economic growth. The Proposed study is designed to know the impact on GST on Indian Economy with the Help of Its individual effect on different sectors. The Study is Exploratory in nature and Secondary Data has been used for the study. The data will be collected from different Journals, Periodicals, Newspapers and Internets.

➤ **KEYWORDS :** GST, Indian Economy, Cascading effect of taxes, GST Council, Taxation reforms.

➤ INTRODUCTION

In the Indian economy, the service sector contributes to over 55%. Separate taxation of goods and services is neither viable nor desirable. GST in India had been introduced to reduce the tax burden that's on both companies and consumers. In the previous system, there were multiple taxes added at each stage of the supply chain, without taking credit for taxes paid at previous stages. As a result, the end cost of the product does not clearly show the actual cost of the product and how much tax was applied. The tax structure was complex. GST integrated most of the taxes into one single tax, where the consumers are benefited. This method provides Input Tax credit paid on the purchase of goods and services, which can be offset with the tax to be paid on the supply of goods and services. As a result, this reduces the overall cost, with the end customer paying less.

➤ START ON GST IN INDIA

On 1st July 2017 at midnight, the President of India, Sir Pranab Mukherjee and Prime Minister Sir Narendra Modi launched GST all over India including Jammu & Kashmir. However, there have been many changes made to the rates of GST, the latest being on 18th January 2018.

In a short span of time, all the states approved their State GST (SGST) laws. Union territories with legislatures, i.e., Delhi and Puducherry, have adopted the SGST Act and the other 5 union territories without legislatures have adopted the UTGST Act.

The idea of introducing GST was first proposed by the then Union Finance Minister, P. Chidambaram in his Budget for 2006-07. The discussion on GST took specific decision with the introduction of the Constitutional Bill (122nd Amendment), 2014. The Bill was passed by the Parliament on 8 August 2016. This was followed by the approval of the Bill by more than 15 states. On 12 April 2017, the Central Government enacted four GST bills:



Dr. R.G. Bhojvan

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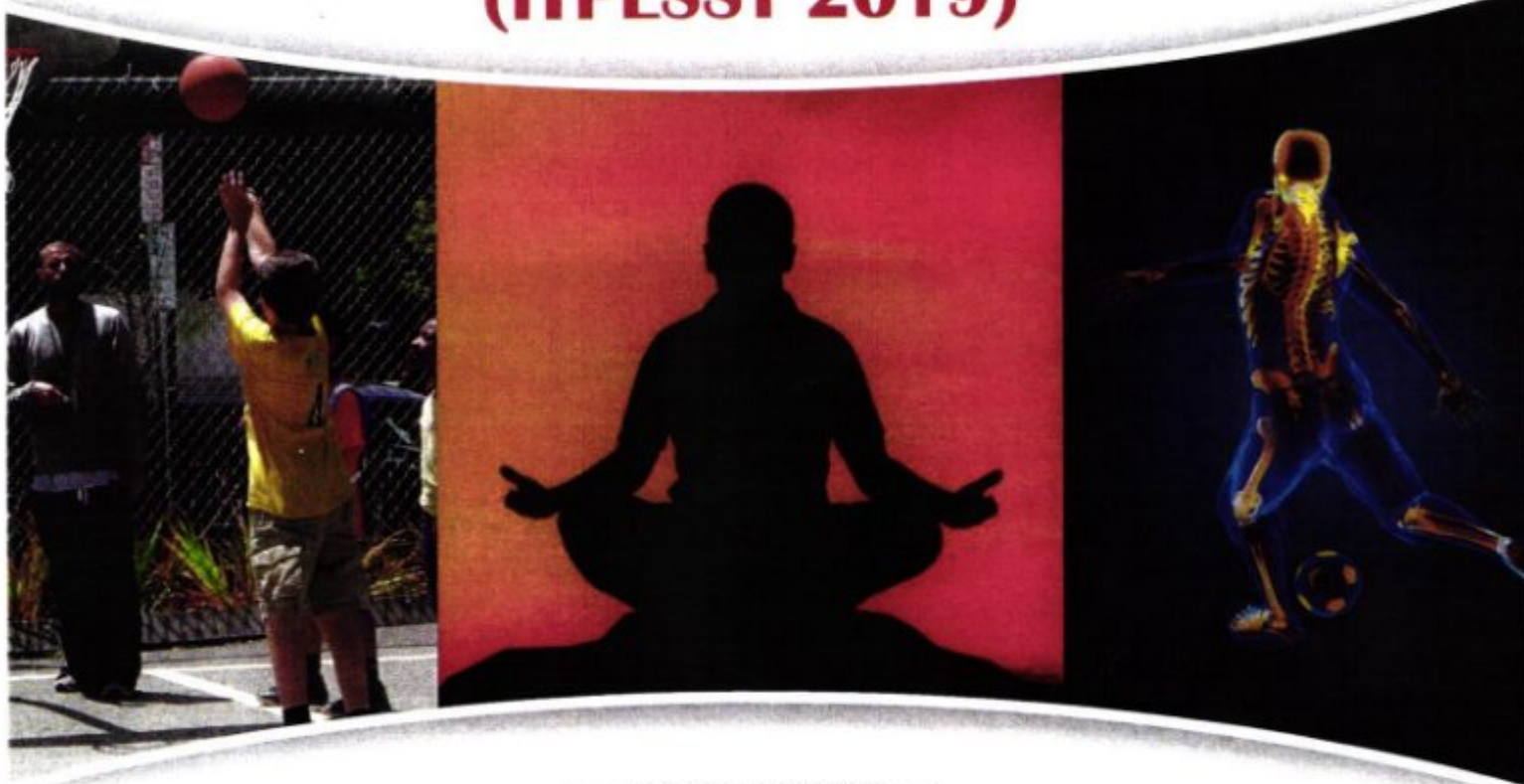
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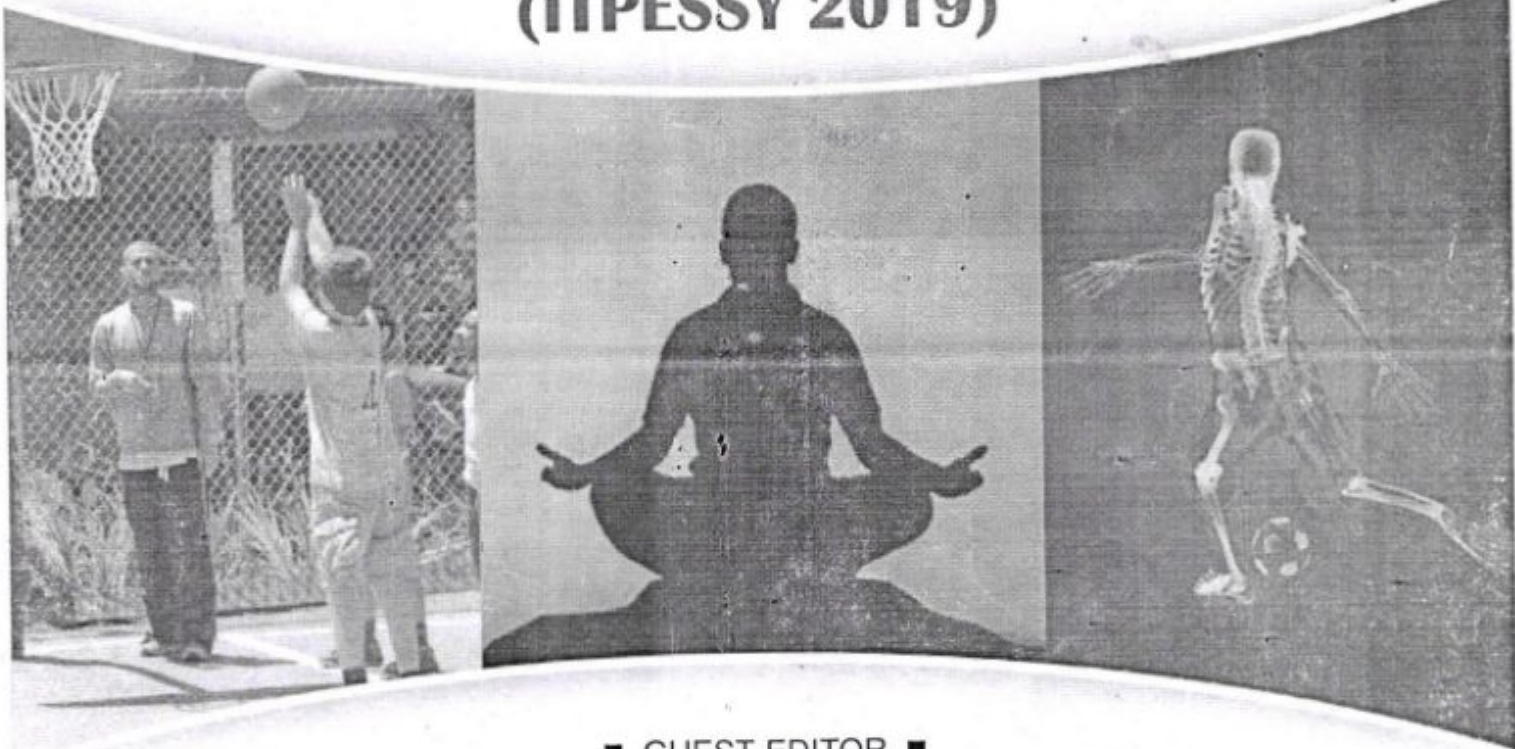
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39	Comparative Study of Mental Health between Science and Arts College Going Students Khurshid Ahmad Hurrah Research Scholar	109
40	Effect of Weight Training and Circuit Training On Speed of College Male Basketball Players Amit D. Patel Dr. Jignesh J. Tandel	111
41	Comparative Study of Selected Physical Fitness, Psychological Variables of Volleyball Players at Different Levels Dr. Anand Vijaypal Upadhyay Dr. Priyanka Prakash Sulakhe	114
42	Comparative Study of Agility and Reaction Time of different level of Kabaddi Players Dr. Shashank G Nikam	116
43	Current Status of Sports Tourism in India Dr. Devendra Panditrao Dhakad	118
44	Sports for School Children Sajad Ahmad Mir Khan Ajaz Ul Haq	121
45	Role of Sports in School Education Mr. Sanjay. B. Bhavsar	123
46	Healthy Way of Life Chatur L. Rathod Anup Chandel	126
47	Assessment of Knowledge and Practice of Balanced Diet on Basketball and Hockey Players Basanti Bamaniya, Dr. Vivek B. Satheb Prof. Ajay K. Sahani	128
48	A Comparative Study of Aerobic Endurance among Football and Volleyball of Inter District Players Suman Ghosh	131
49	The Effect of Exercise on Type 2 Diabetes with special reference to Males in Chalisgaon City Ms. Jyotsna Jadhav	134
50	Comparative Study of Coordinative Abilities between Badminton and Table Tennis Players Mr. Chiranjib Sarkar	137





Comparative Study of Agility and Reaction Time of different level of Kabaddi Players

Dr. Shashank G Nikam

Vidyabharti College, Seeloo

Abstract :

The purpose of the study was to compare Agility and Reaction Time of different level of Kabaddi Players. For this study data were collected on sixty (60) Kabaddi Players, 20 from each participated in the Maharashtra State Tournaments (20), Inter Collegiate Tournaments of Sant Gadge Baba Amravati University, Amravati (20) and Inter University Tournaments (20) with the help of purposive sampling method. The age of the players were ranged between 18 to 25 years. The following tools were used to collect the data:- Agility was measured with the help of Shuttle runs, 4 x 10 yards. Whereas Reaction Time was measured with the help of Reaction Time Ruler Test. Statistical Analysis was done on the basis of Analysis of Variance (ANOVA) to find out the significant difference of Agility and Reaction Time whereas the level of significance was kept at 0.05 level. Result shows that there was significant difference in Agility among State, Inter Collegiate and Inter University Kabaddi Players as obtained F-ratio was 6.345 which was higher than that of required tabulated 'F' value of 3.16 at .05 level of significance. Whereas Reaction Time shows insignificant differences as the obtained F-ratio 2.824 which was lesser than that of required tabulated 'F' value of 3.16 at .05 level of significance.

Keyword : Kabaddi Players, Agility, Reaction Time, etc.

Introduction

Fitness is the ability to meet the requests of physical activities. There is wide range of manifestations in fitness. It includes strength, stamina, speed, flexibility, etc. Some components of fitness, such as an athlete's cardiac fitness or cardio respiratory fitness, are most important than others components. An athlete must be aware of the various types of fitness to develop an effective training program that focuses on weak or essential territories. Motor fitness can be stated as an athlete's ability to perform effectively during sports or other physical activity.

Agility

Agility is the capacity to change trajectory, controlling the direction and position of your body while one's body is in momentum. Agility is the ability to change the direction rapidly with control. Some viewed that, agility is dependent on strength, reaction time, speed of movement and muscular co-ordination. Agility is the ability to quickly changing body position with speed and consistency. Quick start and stop and quick change in direction are fundamental to good performance in games like football. Running is not only an athletic event itself, but it is an important factor in almost all court and field games. It can result the difference in whether a performer is able to gain an advantage over his/her opponent. It is determined by the length and frequency (speed) of strides and mostly dependent upon speed of muscular and neuromuscular co-ordination.

Reaction Time

Reaction time estimates how quickly you interpret and then react to expected and unexpected events happening around you. Your responses time to unexpected events, such as a hamstring strain occurred in a race, how quickly an athlete relies and make sense of the injury and come to a decision about how to react to it. Reaction time is the time that elapses between the movement a stimulus is detected by the brain and the movement of response starts. Tests have confirmed that nobody can react in less than 0.110 of seconds. Reaction time relating to, but is different from reflex time, movement time and response time. It is the interval between a stimulus and initiation of movement. Reaction time is time taken to process information and to initiate a movement after receiving a stimulus. Reaction times its role on the performance level of the players in various sports and games.

Materials and Methods

Subject

The main purpose of the study was to find out the significant difference between Agility and Reaction Time of Kabaddi Players. For this study data were collected on sixty (60) Kabaddi Players, 20 from each participated in the Maharashtra State Tournaments (20), Inter Collegiate Tournaments of Sant Gadge Baba Amravati University, Amravati (20) and Inter University Tournaments (20) with the help of purposive sampling method. The age of the players were ranged between 18 to 25 years. The following tools were used to collect the data:- Agility was measured with the help of Shuttle runs, 4 x 10 yards Whereas Reaction Time was measured with the help of Reaction Time Ruler Test.





Statistical Analysis

Statistical Analysis was done on the basis of Analysis of Variance (ANOVA) to find out the significant difference of Agility and Reaction Time whereas the level of significance was kept at 0.05 level.

Table - I
Comparison of State, Inter-Collegiate and Inter-University Players

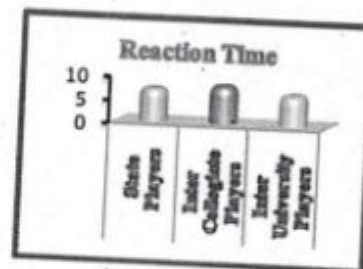
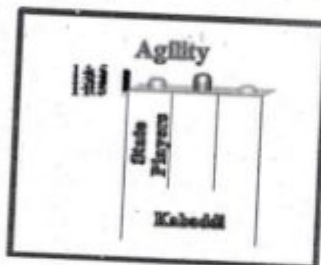
Components	Source of Variation	Sum of Square	df	Mean Sum of Square	F-Ratio
Agility	Between Groups	15.658	2	7.829	6.345*
	Within Groups	70.338	57	1.234	
Reaction Time	Between Groups	14.481	2	7.24	2.824
	Within Groups	146.14	57	2.564	

*Significant at 0.05 level

tab 'F' at (2,57) = 3.16

Above table revealed that there was significant difference in 'Agility among State, Inter Collegiate and Inter University Kabaddi Players as obtained F-ratio was 6.345 which was higher than that of required tabulated 'F' value of 3.16 at .05 level of significance. Whereas Reaction Time shows insignificant differences as the obtained F-ratio 2.824 which was lesser than that of required tabulated 'F' value of 3.16 at .05 level of significance.

Graphs



Conclusion

Concluding from the above study we can say that there was significant difference between Agility among State, Inter Collegiate and Inter University Kabaddi Players. The reason may be attributed that agility is the ability to move and change direction and position of the body quickly and effectively while under control. It requires quick reflexes, coordination, balance, speed, and correct response to the changing situation. To be agile, individual is responding to what is going around him, taking in that information and translating it into body positioning that will maintain balance and control. Inter university players goes under various training program and so many different physical activity which make them over all fit as compared to state and inter university players. The reason may be attributed that reaction time is defined as interval of time between presentation of stimulus and appearance of appropriate voluntary response in a subject. Reaction time is the ability to respond quickly to a stimulus. Such simple reaction time depends on nerve connections and signal pathways, is 'hard wired' in your body composition and may not be improved by simple training program.

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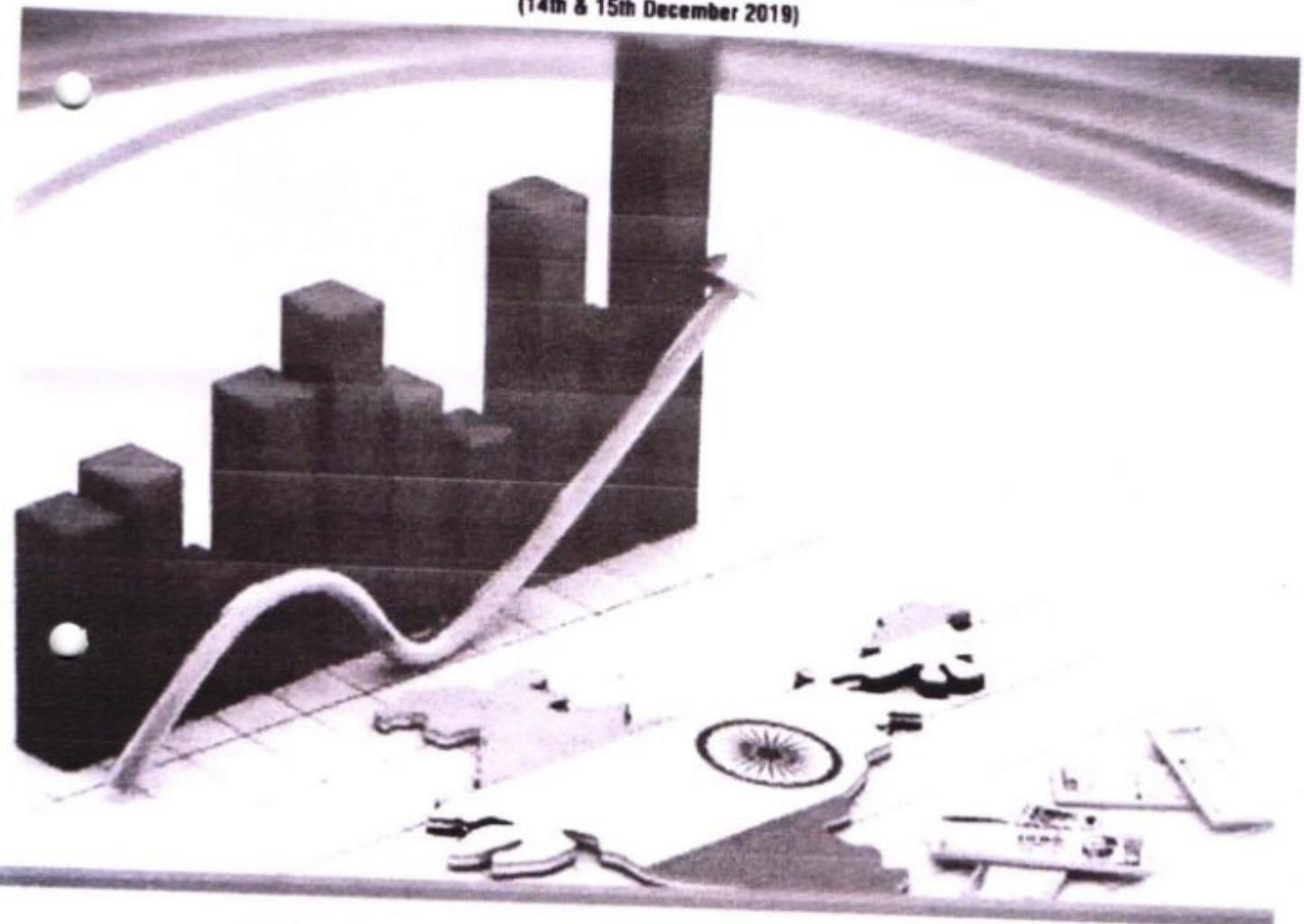
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हया अभ्यासामध्ये आधुनिकीकरण साधनांना पर्यावरणीय गुणवत्तेचा सुध्दा विचार व्हायला पाहिजे ह्यावर विशेष जोर देण्यात आला आहे. आपण केवळ राष्ट्रीय उत्पन्न वाढवून देशाचा स्थिर विकास साधू शकत नाही तर त्याचबरोबर वर्तमान उत्पादन प्रक्रियेचा भविष्यकालीन उत्पादन क्षमतेवर विपरीत परिणाम होणार नाही यावर सुध्दा सामुहिक विचार मंथन व्हायला पाहिजे.

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प्रस्तावना

देशाचा जर शाश्वत विकास साधायचा असेल तर वर्तमान उत्पादन प्रक्रिया, गुंतवणुकीच्या पध्ती, तंत्रज्ञान हयामध्ये वर्तमान आणि भविष्यकालीन आवश्यकता यांचा समतोल साधला गेला पाहिजे. संपूर्ण जगात लोकांना समान गोष्टी ह्या आहेत: स्वच्छ हवा, स्वच्छ पाणी, समान आर्थिक संधी, त्यांच्या मुलांना वाढण्याची सुरक्षित राहण्याची, आणि निरोगी राहण्याची संधी तसेच निवारा, आजिवन शिक्षण, समुहाची भावना आणि त्यांच्या जिवनावर परिणाम करणाऱ्या घटकांवर घेतलेल्या निर्णयांवर बोलण्याची संधी. शाश्वत विकास हा सर्वसमावेशक घटकांचा विचार करतो आणि निर्णय घेतांना विविध पार्श्वभूमी आणि दृष्टीकोन असलेल्या लोकांना समान बोलण्याची संधी प्राप्त करून देत असतो. वर्तमान व भविष्य या दोन्ही बाजूंवर लक्ष केंद्रित करून बदल घडवून आणणे ही काळाची गरज आहे. भविष्यातील पिढ्यांसाठी पुरेशी संसाधने उपलब्ध होईल हे सुनिश्चित करून मानवीय, नैसर्गिक आणि आर्थिक भांडवलाची व्यवस्थापन करणे,

भविष्यात येणाऱ्या महा सत्तेच्या लालसेपोटी केलेला संघर्ष, राष्ट्रांच्या आर्थिक स्वार्थासाठी आक्रमण प्रयत्न, व्यापार युध्दे हे मनुष्याचे आयुष्य कठीण बनवेल. केवळ आर्थिक लाभ आणि भांडवलशाही या दोन्ही घटकांनी पर्यावरणाला संकटाकडे नेले आहे. ऐतिहासिक प्रदेशांवर विकासाच्या नविन मोडेलचा विपरीत प्रभाव वाढत असतांना

दिस्त आहे. त्यामुळे संसाधनाचा जास्त सामान्य वापर होवून परीणामी कचरा वाढलेला आहे. त्यामुळे आर्थिक, सामाजिक आणि सांस्कृतिक विकास हा पर्यावरणवादी दृष्टीकोणातून टिकवण्याची संकल्पना व्यापक करणे अत्यंत महत्वाचे आहे.

भविष्यातील पिढ्यांना त्यांच्या स्वतःहाच्या गरज भागविण्याच्या क्षमतेशी कोणतीही तडजोड न करता विकास साधने गरजेचे आहे. शाश्वत विकास हा जागतिक दिर्घकालीन विकामामाठी मार्गदर्शक तत्व म्हणून उदयास आला आहे. आर्थिक विकास, सामाजिक विकास आणि पर्यावरण संरक्षण या त्रिपक्षीय गोष्टींचा धोरणात्मक विकास करताना विचार व्हायला हवा.

मुलभुत अटी

शाश्वत विकास साधण्याच्या काही मुलभुत अटी पुढीलप्रमाणे आहे उतपादनाच्या नैसर्गिक पध्ती व मानवीय गरजा यांचा ताळमेळ साधणे, समानता आणि सामाजिक न्याय, वेगवेगळे अंतर्गत विकल्प यांचा विकास, आर्थिक कार्यकुशलता पर्यावरणाचा योग्य ताळमेळ, पर्यावरणीय तत्वाच्या आधारित अर्थव्यवस्थेची परंरचना करताना पारंपारिक साधन संपत्तीकडे दुर्लक्ष केले गेले आहे. याचे मुख्य कारण म्हणजे देशाच्या व्यवस्थापनात पर्यावरणीय तत्व, कायदेशीर न्यायप्रणाली, प्रसार माध्यमे यात होणारी पर्यावरणीय तत्वांची उपेक्षा. विकासाची जी कार्यप्रणाली राबविण्यात येते त्यात पर्यावरण संरचनेला अग्रस्थान देण्यात येत नाही. त्यामुळे सतत नैसर्गिक स्रोतांचे निरंतर शोषण आणि त्यामुळे होणारी निसर्गाची राम यांची योग्य आकडेवारी प्राप्त होत नाही.

राष्ट्रीय उत्पन्न आणि खर्चाची खाती पारंपारिकपणे दोन उद्दीष्टांची पुर्तता करतात

आर्थिक पातळी व त्याचे परिणाम लोकांचे राहणीमान आणि त्यात होणारे बदल

जागतिक आव्हाने

उत्पन्न व मानवीय हीत साधतांना पर्यावरणाचा होणाऱ्या रामाची योग्य आकडेवारी प्राप्त होत नाही तसेच असंघटीत क्षेत्रातील उत्पादन सामुग्रीचा कोणताही हिशोब ठेवला जात नाही. त्यामुळे पर्यावरणाचा




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23	भारतीय लोकसंख्येचा विकासक्रम	प्रा. डॉ. रवि एस. सोरते	99
24	महात्मा गांधीचे आर्थिक विचार	प्रा. डॉ. ममता आर. साहु	105
25	वस्तु व सेवा कर : कार्य, फायदे व त्यासमोरील समस्या	प्रा. डॉ. विजय के. बन्सोड	108
26	उदारीकरण, खाजगीकरण व जागतिकीकरण आणि भारतीय अर्थव्यवस्था	प्रा. विलास कांबळे	110
27	भारतीय महापुरुषाचे आर्थिक विचार	प्रा. वैशाली योगराज भेले	113
28	ग्रामीण विकास-एक अर्थनीती	प्रा. प्रशांत जगदीश वाल्देव	117
29	भारतीय अर्थव्यवस्थेतील आव्हाने (बेकारीच्या संदर्भात)	डॉ. लाजवंती रामदास टेभुणें	120
30	वर्तमान भारतीय अर्थव्यवस्थेत रोजगारीचा प्रश्न	डॉ. मृणालिनी नरेन्द्र तापस	123
31	डॉ.बाबासाहेब आंबेडकर यांचे भारतीय शेती विषयक विचार	प्रा.एल्.एस्. सिताफुले	128
32	वर्तमान आर्थिक मंदी व भारतीय अर्थव्यवस्था: एक विश्लेषण	डॉ. सुनिल शिंदे	132
33	डॉ. बाबासाहेब आंबेडकरांचे भारताविषयक आर्थिक विचार	डॉ. स्वाती शिवदास शंभरकर	136
34	वर्तमानस्थितीत लोकशाहीपुढील आव्हाने व उपाय	डॉ.प्रमोद शंभरकर	139
35	पर्यावरणीय तत्वावर आधारित अर्थव्यवस्थेची पुनरचना करणे ही आधुनिक काळाची एक गरज	प्रा. डॉ. सिध्दार्थ ज्ञा. नागदिवे	142
36	छत्रपती शिवाजी महाराजांचे आर्थिक धोरण	प्रा.स्वप्निल एस. बोबडे	145
37	भारतीय अर्थव्यवस्था में उदारीकरण, निजीकरण और वैश्वीकरण की भूमिका	चंदा आनंद बोरकर / डॉ. करमसिंग राजपूत	149
38	राष्ट्रपिता महात्मा गांधी आणि महामानव डॉ. बाबासाहेब आंबेडकर यांच्या आर्थिक विचारांची समर्पकता	प्रा.नलिनी विठ्ठल पाचर्णे	153
39	निवडक भारतीय महापुरुषांचे आर्थिक विचार	कु. उज्वला गिरीधर नागोसे	157
40	ग्रामीण विकास —एक अर्थनीती	प्रा. नरेंद्र के. पाटील	161
41	भारतीय महापुरुषांचे आर्थिक विचार.	प्रा.डॉ. विनोद झामा मोरे	165
42	भारतीय शेतीतील आव्हाने आणि इस्रायल कृषी तंत्रज्ञान	प्रा. डॉ.संजय मारोतराव महाजन	174
43	भारतीय अर्थव्यवस्थेत वस्तू व सेवा कराना प्रवास	सहा. प्रा. मडावी ए. डी.	178
44	विनोबांचे ग्रामिण अर्थव्यवस्था, ग्रामोद्योग व श्रमप्रतिष्ठेविषयी विचार	प्रा.डॉ.दीपक लोणकर	182
45	अर्थतज्ज्ञ डॉ. बाबासाहेब आंबेडकरांचे आर्थिक विचार	प्रा. राहुल मोरेश्वर लभाने	184
46	केंद्रीय बँकेची स्वायत्तता व बँकाच्या विलीनिकरणाची समस्या	प्रा. रविद्र श्रीराम कोरे	188



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ही आधुनिक काळाची एक गरज
प्रा. डॉ. सिध्दार्थ ज्ञा. नागदिवे
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गोपबारा

हया अभ्यासामध्ये आधुनिकीकरण साधतांना पर्यावरणीय गुणवत्तेचा मुद्दा विचार व्हायला पाहिजे ह्यावर विशेष जोर देण्यात आला आहे. आपण केवळ राष्ट्रीय उत्पन्न वाढवून देशाचा स्थिर विकास साधू शकत नाही तर त्याचबरोबर वर्तमान उत्पादन प्रक्रियेचा भविष्यकालीन उत्पादन क्षमतेवर विपरीत परिणाम होणार नाही यावर मुद्दा सामुहिक विचार मंथन व्हायला पाहिजे.

महत्त्वाचे शब्द

उत्पादन पध्दती, मानवीय गरजा, सामाजिक न्याय, शाश्वत विकास, पर्यावरणीय ताळमेळ

तावना

देशाचा जर शाश्वत विकास साधायचा असेल तर वर्तमान उत्पादन प्रक्रिया, गुंतवणुकीच्या पध्दती, तंत्रज्ञान ह्यामध्ये वर्तमान आणि भविष्यकालीन आवश्यकता यांचा समतोल साधला गेला पाहिजे. संपूर्ण जगात लोकांना समान गोष्टी हव्या आहेत: स्वच्छ हवा, स्वच्छ पाणी, समान आर्थिक संधी, त्यांच्या मुलांना वाढण्याची, सुरक्षित राहण्याची, आणि निरोगी राहण्याची संधी तसेच निवाग, आजिवन शिक्षण, समुहाची भावना आणि त्यांच्या जिवनावर परिणाम करणाऱ्या घटकांवर घेतलेल्या निर्णयांवर बोलण्याची संधी. शाश्वत विकास हा सर्वसमावेशक घटकांचा विचार करतो आणि निर्णय घेतांना विविध पार्वभुमी आणि दृष्टीकोन अमलेल्या लोकांना समान बोलण्याची संधी प्राप्त करून देत असतो. वर्तमान व भविष्य या दोन्ही बाजूंवर लक्ष केंद्रित करून बदल घडवून आणणे ही काळाची गरज आहे. भविष्यातील पिढ्यांसाठी पुरेशी संसाधने उपलब्ध होईल हे सुनिश्चित करून मानवीय, नैसर्गिक आणि आर्थिक भांडवलांची व्यवस्थापन करणे.

भविष्यात येणाऱ्या महा सत्तेच्या लालसेपोटी केलेला संघर्ष, राष्ट्रांच्या आर्थिक स्वार्थासाठी आक्रमण प्रयत्न, व्यापार युद्धे हे मनुष्याचे आयुष्य कठीण बनवेल. केवळ आर्थिक लाभ आणि भांडवलशाही या दोन्ही घटकांनी पर्यावरणाला संकटाकडे नेले आहे. ऐतिहासिक प्रदेशांवर विकासाच्या नविन मॉडेलचा विपरीत प्रभाव वाढत असतांना दिसत आहे. त्यामुळे संसाधनाचा जास्त सामान्य वापर होवून परीणामी कचरा वाढलेला आहे. त्यामुळे आर्थिक, सामाजिक आणि सांस्कृतिक विकास हा पर्यावरणवादी दृष्टीकोणातून टिकवण्याची संकल्पना व्यापक करणे अत्यंत महत्त्वाचे आहे.

भविष्यातील पिढ्यांना त्यांच्या स्वतःहाच्या गरज भागविण्याच्या क्षमतेची कोणतीही तडजोड न करता विकास साधणे गरजेचे आहे. शाश्वत विकास हा जागतिक दिर्घकालीन विकासासाठी मार्गदर्शक तत्व म्हणून उदयास आला आहे. एक विकास, सामाजिक विकास आणि पर्यावरण संरक्षण या त्रिपक्षीय गोष्टींचा धोरणात्मक विकास करतांना विचार व्हायला हवा.

मुलभुत अटी

शाश्वत विकास साधण्याच्या काही मुलभुत अटी पुढीलप्रमाणे आहे

उत्पादनाच्या नैसर्गिक पध्दती व मानवीय गरजा यांचा ताळमेळ साधणे, समानता आणि सामाजिक न्याय, वेगवेगळे अंतर्गत विकल्प यांचा विकास, आर्थिक कार्यकुशलता पर्यावरणाचा योग्य ताळमेळ. पर्यावरणीय तत्वाच्या आधारित अर्थव्यवस्थेची पुनरचना करतांना पारंपारिक साधन संपत्तीकडे दुर्लक्ष केले गेले आहे. याचे मुख्य कारण म्हणजे देशाच्या व्यवस्थापनात पर्यावरणीय तत्व, कायदेशीर न्यायप्रणाली, प्रसार माध्यमे यात होणारी पर्यावरणीय तत्वांची उपेक्षा. विकासाची जो कार्यप्रणाली राबविण्यात येते त्यात पर्यावरण संरचनेला अग्रस्थान देण्यात येत नाही. त्यामुळे सतत नैसर्गिक स्रोतांचे निरंतर शोषण आणि त्यामुळे होणारी निसर्गाची राम यांची योग्य आकडेवारी प्राप्त होत नाही.

राष्ट्रीय उत्पन्न आणि खर्चाची खाती पारंपारिकपणे दोन उद्दीष्टांची पूर्तता करतात

आर्थिक वातळी व त्याचे परिणाम

लोकांचे राहणीमान आणि त्यात होणारे बदल

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उत्पन्न व मानवीय हीत साधतांना पर्यावरणाचा होणाऱ्या रामाची योग्य आकडेवारी प्राप्त होत नाही तसेच असापटीत क्षेत्रातील उत्पादन सामुग्रीचा कोणताही हिशोब ठेवला जात नाही, त्यामुळे पर्यावरणाचा किती न्हास झाला याचा



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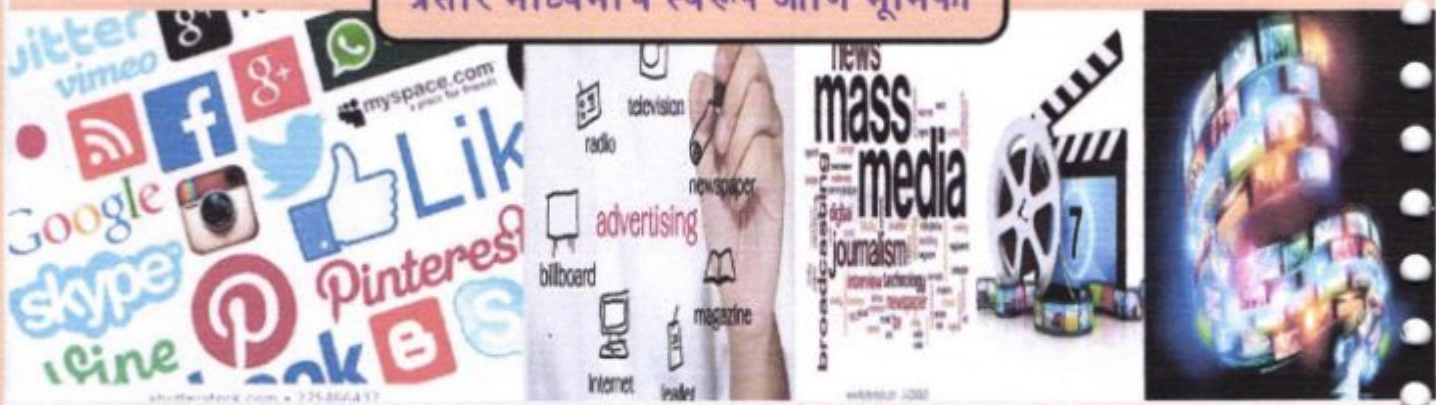
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Role & Nature of Media
 प्रसार माध्यमांचे स्वरूप आणि भूमिका



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INDEX

No.	Title of the Paper	Author's Name	Page No.
1	Impact of Social Media on Youth	Dr. Sucheta Parker	05
2	Impact of Social Media on Society	Dr. Sadhana Thankare	10
3	Online Newspapers in India	Mr. Rajendra Chore & Dr. Mangala Hirwade	13
4	Transmission Media and Society	Dr. D.T Shende	20
5	Challenges in FMCG Sector in India	Dr. Ritu Vyas	25
6	Youths Empowerment, Cyber Crime and Social Media	Dr. Sanjay Dudhe	28
7	Ethical Advertising in India - An Indian Perspective	Dr. Rajiv Jadhao	34
8	Impact of Social Media Networking Sites on Students Life	Dr. Sangita Chore	41
9	Role of Media in Society	Prof. Dipratna Raut	47
10	Social Media and Consumer Behavior	Dr. Atul Naik	51
11	The Impact of Electronic Media on Youth	Dr. S.S. Hajare & Dr. Vaishali Chillure	54
12	A Study on Consequence of E - Commerce on Indian Business	Dr. Parag Kawley	57 ✓
13	Impact of Social Media on Youth : Positive and Negative Aspects	Dr. Vaishali Meshram	60
14	Model of Transmission Media and its Commercialization : A Study	Dr. Sanjay Dhanvijay	64
15	Social Media's Effect on Today's Society	Dr. Kavita Kanholkar	69
16	Impact of Internet and Social Media on Women Empowerment in India	Dr. Nabha Kamble	73
17	A Study of E-Learning Resources in Rural Development	Dr. Sanjay Dhok	76
18	Strengthening Identity : A Feministic Approach in the Film 'English Vinglish'	Meenakshi Wasnik	83
19	Impact of Media on Society	Dr. Mrs. Mrunal Waliokar	85
20	The 9/11 Row and the Role of Media	Prof. Sulok Raghuvanshi	88
21	Impact on Social Media in Youth - Special Reference of Nagpur Rural Area	Dr. Dilip Chavhan	93
22	Commercialization of Transmission Media : A Case Study of Stem Cell	Dr. Sanjay Bagde	96
23	Recent Changes in the Media Industry	Dr. Sushma Bageshwar	100
24	Role of Social Media in Digital Marketing	Prabhakar Motghare	103
25	Social Media and there Importance of Student in Collage	Sulbha wagde	106
26	सोशल मिडिया तथा महिला सशक्तीकरण	डॉ. रजनी हारोडे	109
27	प्रसारमाध्यमे, सामाजिक परिवर्तन आणि लिंगभावाचे वास्तव एक समाजशास्त्रीय अभ्यास	डॉ. मोहन नागराळे	112
28	दूरसंचार, प्रसारमाध्यमे आणि समाज	राजू बुरीले	116
29	आजचे युग : प्रसारमाध्यमांचे युग	प्रा. चंद्रशेखर देवघरे	121
30	सामाजिक प्रसारमाध्यमे आणि समाज	डॉ. दीपक पवार	126
31	भारतीय लोकशाही आणि प्रसारमाध्यमे	प्रा. प्रतिभा गडवे (दातीर)	131
32	मराठी साहित्यातील महानुभाव साहित्य प्रवाहात महानुभाव नियतकालिकांचे योगदान	डॉ. पद्मिनी दुरुगकर	136
33	प्रसारमाध्यमांचे बदलते स्वरूप	डॉ. भारती कोरेकर	141
34	प्रसारमाध्यमे आणि समाज	डॉ. साधना	144





A Study on Consequence of E - Commerce on Indian Business

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Abstract:

E-commerce is a technique of conducting business over the Internet. While it is a comparatively new idea, it has the possible to change the conventional form of economic actions. By now it affects such huge sectors as communications, finance and retail trade and holds promises in areas such as learning, health, and government. The prime possessions may be associated not with many of the impacts that authority the most consideration but with less in evidence, but potentially more insidious, possessions on custom business activities. The amalgamation of Electronic Commerce and Business will fetch regeneration in the marketing purpose.

Keywords: *E-commerce, Communications, Indian business.*

Introduction:

E-commerce has a considerable impact on business costs and efficiency. E-Commerce has an opportunity to be extensively adopted due to its easy applications. Thus it has a huge financial impact. Electronic Commerce provides the skill of buying and selling goods and information on the internet and other online services. Electronic commerce or e-commerce refers to a large variety of online business activities for products and services. Electronic commerce is transforming the market by changing firms'business models, by influential relations amongst promote actors, and by causal to changes in market structure. It is complicated to particular out their impact on electronic commerce. Some businesses attempt three themes connected with electronic commerce and the organizational changes it entails: changes in business models, changes in market structure and opportunities for economic development created by organizational adjust. Electronic commerce creates the opportunity of new models for organizing production and transacting business, by present inters modality and complementarily – not only changeover – in business models.

Objectives of the Research Study

1. To study the theoretical conception of E-Commerce.
2. To study the impact of E-Commerce on Indian Business.

E-Commerce :

E-commerce has a lot of advantages over the "brick and mortar" shopfront. Effective e-commerce adoption is beneficial to organizations in terms of substantial cost savings, revenue maximization, and improvement in product delivery and customer service. Therefore, e-commerce is a significant area for research due to its potential positive impact on business performance. Prior studies have empirically confirmed the factors affecting e-commerce adoption. However, much is not known on the overall review of e-commerce adoption studies, as



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079	e-Content Development : Prospects and Challenge, Importance & Benefits Prof. Dr. M. G. Pandey	343
080	Waves of IOT in Higher Education Dr. (Mrs) Satinder Kaur Gujral	345
081	The Study about Presence of Necessary Managerial Qualities for Employability of Management Students in Pune District Mr. Jayesh Katkar Prof. Arvind Chaudhari	348
082	Synergistic Impact and Effect of Commerce, Management, Technology in Modern World Dr. Hemchandra N. Deshmukh	352
083	E-Commerce : Challenges and Opportunities in India Prof. Dr. Anantkumar D. Gadre	356
084	Opportunities & Challenges of Online Retailing in India : Current Scenario Prof. Dr. Parag R. Kawley	361
085	A Study of Online Retailing in India : Opportunities and Challenges Dr. Preeti. W. Nanotkar	365
086	Application of Educational Process Reengineering to the Teaching Methodologies & the Institutions Offering Master of Business Administration Course in India Dr. Amishi D. Arora Mr. Athar Javed Ali	369
087	Emerging Economic Problems Before India Prof. Dr. B. S. Ingle	378
088	Online Shopping : Challenges and Opportunities Prof. V. K. Wakode	381
089	To Study the Impact of E-learning Technology on Student's Intended Outcomes and Student's Employability in India Dr. Zuleika Homavazir	383
090	Employees' Perspective on Mergers : An Extended Literature Review Prof. Pashmina Shah	390
091	Emerging Economic Problems before India Dr. Yogesh K. Agrawal	396
092	Online Shopping in Indian Context : Challenges and Opportunities Dr. Amar Bhosale	399





Opportunities and Challenges of Online Retailing in India : Current Scenario

Prof. Dr. Parag R. Kawley
Assistant Professor, Vidyabharti College,
Seloo, Ta. Seloo, Dist. Wardha.

Abstract

E-Retailing or online is increasing at faster speed in India. It has seen reliable expansion of 60-70 % during the years. E-retailing represents 20 % of online business movements in India. Although the reality that there are expansions scenario for online retail in India we have challenges which should be tended to. The item centers approximately the openings and difficulties for online retailers in Indian business situation. Following or e-retailing or web based retailing is a variety of electronic trade, which enables purchasers to easily purchase products or administrations from a dealer above the web middle person benefit. Essentially, e-retailing is the recommend of products on the web. Organizations like Amazon and Flipkart were the first to make the online retail industry by putting the entire client come across, from perusing items to situation needs to pay for buys on the Internet. The achievement of these and different organizations urged regular retailers to make an online closeness to expand their physical outlets. This progressive technique for offering products and ventures has moreover selected up dishonor in India. E-retailing has now been available in India for more than 11 years. The late 1990s and mid 2000s say the rise of a few players. Be that as it may, the huge majority of them couldn't endure the dot com flash and busted of 2000. The second sprint of e-following, which developed in 2007, saw the passageway of a few pleasure altering players that offered motivation to e-following's development with the progression and advancement of plans of action. Today, with players struggle it out for administration openings, master players finding their groove, genetic community mechanism beginning to become all-good and financial specialists reaffirming their assurance in the part, the market is at a pretension point. E-retailing is a current development technology and shopping for the people. It is the result of financial mechanism. India is remaining on the limit of retail conflict. E-Retail, one of the speediest changing and energetic ventures that, has additional to the financial development of our nation. Inside a remarkably don negotiate of time, E-retail industry has turned into the most appealing, developing retail showcase on the planet. Soft financial development, changing value profile, increasing expendable salaries, changing customer tastes and inclinations are a part of the key factors that are driving progress in the e-retail advertise in India.

Key Words: E-retail, online retail, logistics, variety, internet, mobile internet.

Introduction

Worldwide Retail web based business list expressed that India has unharnessed online retail potential. The development of online retail can enhance the value of different partners of Indian retail segment. The development scenario of online retail are high in India, but along with the development openings there are challenges which should be tended to E-retail or online retail is characterized retailing workout done during web. We have several on the web or e-retailers in India who give a variety of stock to customers. When all is said in done retail business is alluded as Business to Consumer (B2C). Online retail players are approved into two kinds classification centered players and multi classification centered. Class centered players provide specific stock with thoughtful variety. Ex: - Myntra, Jabong (Apparels and Lifestyle items), Bigbasket, Local banya (Grocery portion) and Fabfurnish, Pepper broil (Furniture), Carat lane, Juvalia and you (adornments), First cry, my infant truck (child items). Multi classification players give variety of stock constrained collection. Ex: - Flipkart, Amazon, Future bazaar and Snapdeal and so forth. For better perceptive we take a gander at a segment of the classes and the major online retailers in these classifications. Retailers offer like books, stationery, hardware, furniture, clothes, individual care, staple, blossoms, sports products and enterprises moreover. The real players in book classification incorporate. Stationery belongings are sold by online players like Flipkart, Amazon, Stationery shop, Snapdeal and Homeshop 18 and so on. In Electronics portion we have particular players like Croma (Tata gathering) and E-zone (Future gathering) alone with different players like Flipkart, amazon, Infibeam, Snapdeal, Future bazar, Naaptol who offer hardware things like cell phones, PCs, tablets, TV and different durables. In Furniture classification we have players like Fabfurnish, Pepper sear, urban step, Home town, Homeshop18 and so on. In Apparel and individual care portion we have Myntra, Jabong, design



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2019**

Vol. VIII

27	Global and Indian Perspective of E-commerce	Dr. Naglaxmi Narsingrao Tirmanwar	184-190
28	A study on impact of E-commerce on Indian economy	Dr. Narendra S. Bagade, Simran Avinash Meshram	191-196
29	ONLINE SHOPPING AND CONSUMER'S BUYING TENDENCIES	Dr. Nayana H Dewani	197-206
30	PROS AND CONS OF ELECTRONIC COMMERCE.	Prof. NISHITA RAHUL AMBADE	207-211
31	Electronic Commerce & Consumer: Challenges and Opportunity	Dr. P.L. Neulkar, Dr. Amit Pande	212-217
32	E-Commerce and It Impacts on Global Market	Dr. Parag R. Kawley	218-225
33	Impact of electronic commerce on consumer's buying behavior	Prof. Payal G. Gupta, Prof. Shailesh Vasani	226-229
34	Historical Development of E-commerce	Dr. Pramod Fating	230-234
35	A critical analysis of E-commerce from customer point of view	Dr. Prashant Gulhane	235-238
36	A Study on Electronic Commerce Benefits and Challenges in an Emerging Economy	Prof. Prashant Jagdish Waldeo, Dr. Rahul Abhiman Mankar	239-246
37	E-Commerce is a Catalyst of Remarkable Indian Economy	Dr. Prashant M. Jadhao	247-254
38	HISTORY OF ELECTRONIC COMMERCE	Dr. Pravin M. Chandragiriwar	255-259
39	M-commerce : The Future of E-commerce	Dr. Punit Raut	260-268
40	Doing Business Post GST Era for Electronic Commerce Operator (ECO) – Opportunities & Challenges Ahead for Sustainability”	Dr. Pushparaj Kulkarni	269-277
41	E-Commerce and its Impacts on Market and Retailers in India	Dr. Pratap M. Chauhan	278-285
42	A STUDY ON IMPACT OF E-COMMERCE ON INDIA'S ECONOMY	Dr. Rahul Kharabe	286-289
43	E-commerce :- Challenges and their remedies	Dr. Rajesh Bhaurupi	290-294
44	The future road map for E-commerce	Dr. Rajvilas Karmore	295-298
45	Capricious Expedition from Bartering to M-Commerce	Dr. Richa K. Kalyani	299-304
46	Traditional Business V/S E-Commerce	Samiksha Parachand Haste	305-309
47	Impact of E-Commerce in Indian Economy	Dr. Sanjay B. Bagde	310-319
48	'A Study on Awareness and Acceptance of E-Transaction'	Dr. Sanjay D. Beley	320-327
49	The Impact of Electronic Commerce on Business Organization	Dr. Sanjay Dhanvijay	328-339
50	E-commerce in India	Dr. Sanjay Dhok	340-344
51	E-commerce the necessity in today's life	Dr. Sanjay Tekade	345-348
52	Future Prospects of E-Banking : Issues & Challenges In India	Dr. Sarita R. Karangutkar	349-358
53	Future prospects of E-commerce in India	Dr. Satish Dudure	359-363
54	An Analytical study of women user's awareness of E-Commerce in Wardha City	Prof. Shankar G. Bonde	364-370
55	Electronic Commerce and Economy of India	Dr. Shilpa Rajiv Bhagwat	371-378
56	Application and Use of E-commerce in Library Science	Dr. S.N. Hirekhan	379-385



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E-Commerce and It Impacts on Global Market

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Abstract

The most important object of the paper is to attain quantitative describing the certainty of internet shopping in the case of the India in classify to explain the expansion of internet shopping and its impact on consumer behavior. The paper builds on the important literature and at the same time examines consumer behavior by questionnaires. In addition, the future improvement of internet shopping will be considered and deep contrast of consumer behavior involving dissimilar countries. This paper sustain the explore questions that as well as recent trends and different issues in internet shopping, and belief factors for consumer behavior.

Moreover, the result of the study shows that internet consumer belief and apparent risk contain burly impacts on their purchasing decisions. Consumer's trust, privacy concerns, security concerns are the main factors for using internet for shopping, the trust on websites authority to the purchasing decision of any consumer. More particularly, the observed result suggests how the E-commerce companies make marketing strategies according the research data and analyzing effect.

Keywords : *E-commerce, internet shopping, World Wide Web, consumer's buying behavior, privacy and security, consumer trust.*

Introduction

The internet is being developed quickly ever since last two decades, and with important digital economy that is motivated by information technology also being developed worldwide. After a long term

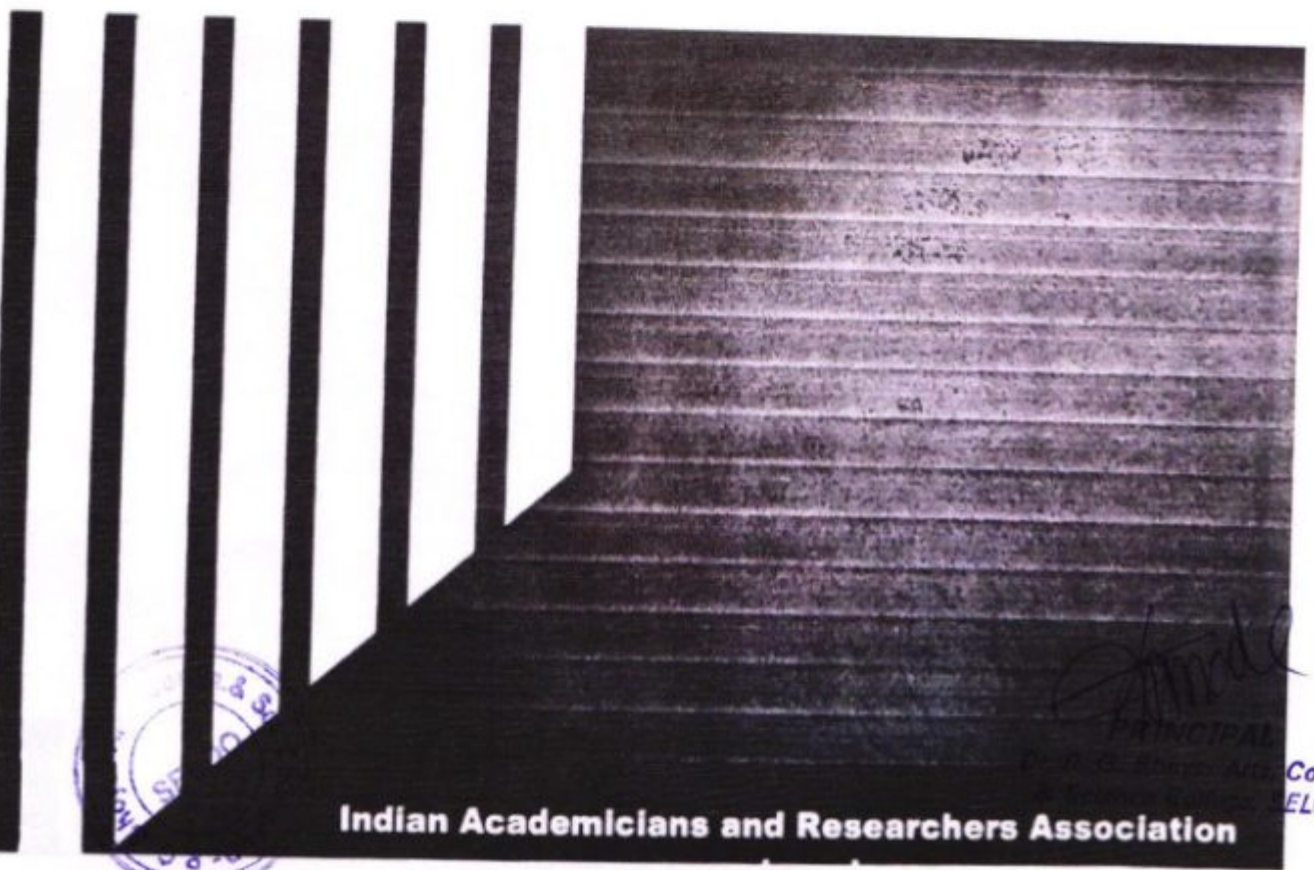


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**SOCIO-ECONOMICAL IMPACT ON CHANGING CROPPING PATTERN OF WARDHA FARMER:
AN ANALYTICAL STUDY**

Dr. Prof. Siddhartha D. Nagdive
Vidyabharti Mahavidyalaya Seloo, Wardha (MS)

1) INTRODUCTION

Maharashtra is one of the developed States in India. The Net State Domestic Product (NSDP) and Per Capita Income (PCI) put the State among the top three economically forefront States. The decline is due to diversion of land towards non-agricultural purpose. The gross impact of this could be linked with farmers suicide in Maharashtra coupled with other factors as a result of growing population and increasing cash crop production. It is to be noted that the pattern of farmer suicide is not universal across regions. Within Maharashtra, farmer suicide has been less reported in WARDHA division. Keeping this in view, the issue of cropping pattern has been analysed along with implications to socioeconomic condition of the farmers due to changing cropping pattern based on secondary and primary survey.

DETERMINANTS OF CROPPING PATTERN:

The cropping pattern in any country is determined by economic factor, environmental factor and Government factor. In India the following factors are responsible for changes in cropping pattern are under stated.

- 1) Economic factors : economic factors are playing a significant role in determining the cropping pattern like that
 - i) Comparative yield level and stability in yield. Some crop have higher yield potential in specific areas and yield are also stable year after year and thus less risky. So such crops are preferred over the crop e.g. cotton in Wardha, paddy in Bhandare and Gondia, orange in Nagpur.
 - ii) Relative price and price stability: The higher and remunerative price of some commodities causes increase in area under such crop.
 - iii) To increase production and income. Those who want to increase their production follow the change cropping pattern and choose the crop that increases the production and income. In WARDHA region Jawar crop did not give more production and more income to farmers. So farmers change Jawar crop and increased tur crop.
- 2) Environmental factors: Environmental and technical factors are the most important determinants of cropping pattern. Environmental factors pertain to the physical characteristics and natural endowments of the region. The rainfall, temperature, humidity, soil etc. are responsible for producing specific crops.
- 3) Government policy factor. Cropping pattern may also be influenced by government policy factor. Supply of inputs by the government, Intensive scheme for various crops, government campaign like grow more food or any legislative provision by the government, better marketing provision consolidation of holding, road and transportation also help finalise the cropping pattern. Technical factor also influence change in the cropping pattern Technical factor such as increase capacity of irrigation facilities, availability of improved seeds, chemical fertiliser, pesticides etc. Play major role in changing cropping pattern.

Crop wise, Season wise Normal Area and productivity (Area -in ha,productivity-in kg/ha,)

Sr.no	Name of Crop	Kharif		Rabbi		Summer	
		Area	prod	Area	prod	Area	prod
1	Paddy	400	0	-	-	-	-
2	Jowar	33700	1250	-	-	-	-
3	Maize	-	1700	-	-	-	-
4	Tur	53500	1300	-	-	-	-
5	Mung	1100	900	-	-	-	-
6	Urad	600	650	-	-	-	-
7	Groundnut	2200	1100	-	-	-	-
8	Sesamum	700	400	-	-	-	-
9	Soyabean	158600	1600	-	-	-	-
10	Cotton	127500	363	-	-	-	-



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131



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7th & 8th February-2020

E-Business Awareness is the Need of Modern Times in the Globalization of The Economy: An Analytical Study

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(Assistant Professor in Commerce)

Vidyabharti College, Seloo, Wardha (MS)

ABSTRACT

Electronic commerce has the potential to develop efficiency and productivity in many areas and, therefore, has received significant attention in many countries. However, Risk is all around us. In our individual and professional life, we are alert of the risk, and we take measures to limit exposure home and car insurance, avoidance of hazardous situations, and contingency clauses in contracts are examples. Risk is inherent in electronic commerce, too. The financial investment strategy of "no risk, no gain" applies equally well in e-commerce strategy accepting some level of risk is necessary to take advantage of the opportunities offered by doing business electronically. This paper guides managers are seeking to manage key sources of risk in developing and implementing an electronic commerce strategy.

KEYWORDS: Illegitimate Manipulation, Technology Innovation, Social Network, Malicious attacks, Risk Management,

INTRODUCTION

E-business is a relatively new and fast-paced approach to meeting consumer requirements, introducing latest products, and across geographic boundaries such as oceans and mountains. While there are many constructive aspects of this new business model, fraud is becoming a serious worry for all e-businesses, with a major impact on the bottom line. Since the beginning of e-business, fraudsters have become very clever at searching out and finding ways around financial and inventory controls, penetrating e-business ordering, distribution and payment systems, and illegally extracting goods, services and funds from the e-business community. Fraud is generally distinct as an intentionally trickery made for private expand or to wreck one more entity. The difficulty of online checking identification, the convenience with which fraudsters can forward browsers to deceitful sites. and as a result the worldwide proportions of the online, all make internet deception the fastest rising region of scam.



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National Seminar on "The Importance of Sports, Physical Education and Psychology for Personality development At Present Scenario"

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Held on (01 February 2020, Saturday)

Organized by: Department of Psychology, Sports and Physical Education
Shivaji College, Hingoli-431513 (Maharashtra)



Analytical study of various types of aggressive tendency of various combat games

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Abstract

The Purpose of the study was to compare aggressive tendency of various combat games. For this purpose researcher has selected 30 combative players from Seloo, Wardha. 10 combative players from each (Boxing, Wrestling and Karate Players) who were participated in Inter University Tournament of Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU), Nagpur were selected for study by purposive sampling method. The age range of respondents was 18-25 years. The Buss-Perry Aggression Questionnaire (BPAQ) was used for collection of data which is a self-report scale consisting of 29 statements measure consisting of four subscales: Physical aggression consists of 9 statements, Verbal aggression consists of 5 statements, Anger consists of 7 statements and Hostility consists of 8 statements. Statistical analysis was done on the basis of Analysis of Variance (ANOVA) in order to determine the significant difference between various aggressive behaviours of boxing, wrestling and judo combative players. Result revealed that there was significant differences were found between different aggressive behaviour of various combative players. In reference to Physical Aggression, Anger and Hostile shows significant differences as the calculated value F were 7.42, 6.58 and 4.63 respectively which is greater than tab $F_{0.05}(2,27) = 3.35$. Whereas in reference to verbal aggression shows insignificant difference as the calculated value F is 2.34 which is lesser than tab $F_{0.05}(2,27) = 3.35$ at 0.05 level of significance. Boxers shows high level of physical aggression anger as well as hostile it may be attributed that people tend to assume that fighters are aggressive in nature. Terms like hotheaded and brawler come to mind, but that's a simplistic view of what it takes to fight. Everyone knows that it takes aggressive behavior to defeat your opponent into submission, and of course boxing is also known as aggressiveness combative game as compared to wrestling and judo.

Keyword: Aggressive Behavior, Boxing, Wrestling, Judo, etc.

Introduction



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Aggression is a part of human behavior and is necessary for an individual to live and struggle for higher achievements. Struggle for supremacy, dominance, and excellence in sports obviously involves aggression. Aggression in one form or the other is inevitable and inescapable in sports activities. When hostility takes over aggression, the situation becomes alarming and it becomes an anti-social behavior.

Aggression, in other sense, is behavior, or a disposition, that is forceful, hostile or attacking. It may occur either in reprisal or without provocation. The word aggression derived from the Latin root *aggredi*, "ad" means (to or toward) and *gradior* (walk). Literally, the word aggression means to walk towards or approach to "move against" or to "move with intent to hurt or harm". But aggression in sports is a word frequently used nowadays there is some confusion to its meaning. Aggression is seemed to be a vicious outbreak, such as a fight, but in sports it is always used when an athlete compete and gives hundred percent efforts.

Aggression has directional components as inwards and outwards. Some aggression is intended for inward and in its extreme form, may cumulate its self-destructive behaviour which including as a suicide. Other aggressive behaviour is intended for outwards towards other sports may be classified according to the degree of aggression that is tolerated or encouraged within rules. Sports in which the competitions are obliged to alternately agree and then terminate their action may be more stressful than those in which alternating behaviour is not required.

There are a multiplicity of types of aggression, depending on the purpose and immediate situation that stimulates the aggressive response. The aggressive behaviour it can be physical, verbal, anger or hostility; and can be characterized as either positive or negative behaviour. As the given name suggests physical, it describes as physical harm, it expressed by rising a tighten fist, breaking a pen's tip, throwing a book or it may be hitting on a wall. Verbal aggression is stated as insults or warning of such action. The verbal aggressions may include shouting, arguing, cursing and sarcasm. Anger aggression may be described as a feeling of being threatened or mistreated. Anger occurs in numerous forms such as losing a match, feeling of not being selected, feeling of jealous, guilt and embarrassment. Hostile aggression refers to measures that are motivated by anger and the main aim is to cause harm or injury to opponents.

Aggression may help into performance of an athlete because it arouses the athlete to put in harder effort of the success of the team. Athletes must be helped to reduce and control aggression in order to play calmly and perform the best. Appropriate level of aggression as permitted under the rules governing the game tends to improve the skill and enhance the effort and on the other hand, high or low level of aggression will obstruct and decrease the performance in sports.

Aggressiveness is quite a complex structure and it can be seen to have lots of variables and factors. Aggressive behaviors were mostly seen in the players of combative


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Impact of E-Finance an Innovative Practice in E-Commerce – Current Scenario

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ABSTRACT

E-commerce is rising in today's global world. E-Finance is the progression in the internet technology which significantly changing the formation & scenery of financial services. Internet finance service is suitable significant in business activities. In a global economy, its appearance has an important effect on the finance circumstance. The intention of enchanting this subject for exploring is to find out the impact of e-finance in e-commerce, its innovations, and challenges faced by financial services. E-commerce has tainted the entire current scenario of financial services in international trade.

Keywords: E-Finance, Internet, E-Finance – Services, E-Finance – Awareness, Indigenous Practices, International Trade, Emerging Technology, Globalization Impact, Rural Mindset.





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INTRODUCTION

The Internet is necessitated in today's world, with the development of technology the slighter is paperwork & much more addiction is on the internet. Today all the sectors are being benefitted through the technology. Hence the financial services are one of them. In this sector E-Commerce acting an essential role, which given birth to E-Finance & the world is now affecting E-Finance, E-finance is defined as — the prerequisite of financial services and markets using electronic communication and computation. Electronic finance or e-finance is changing the functioning or working pattern in financial services in the universal. E-finance refers to financial services that are obtainable electronically i.e. Internet. E-Finance helps in fast services leads to time management & easy modes of payment. The banking sectors have been a leader in the e-business world in current years. Today the world deals in Internet Banking & e-trade, so, they want for e-finance to emerge. It increases the ability of financial operations and also provides simplicity and faster services to the customers. It includes funds transfer, bill payment, screening checking and payment of insurance & brokerage, Loan requests, credit insurance, letter of credit confirmations, paying mortgages, purchasing financial instruments and certificates of deposits and other documents that can be transferred electronically.

E-Finance came into force in 1990 & has changed the payment applications in the banks. Financial services are now available in the electronic systems; they are suitable admired in international trade i.e. amongst upward countries. Today financial services and insurance products are being designed as per customer desires & it's also adopted by the customers because they obtain full information throughout the internet. E-finance is forcing consistency, adding speed, and reducing costs. Overall this compensation assists countries to reside competitive in the international trade segment. E-finance innovations have prepared it probable to stratify customers through electronic customer relationship management. These developments can make risks for consumers also.

❖ Objective:

1. The function of E-Finance & E-Commerce in International Trade & Investment.

Page | 281

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An Analytical Review of Water Management Policy In Maharashtra State

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Abstract -

Due to the strain the water supply in the abstract metros, exploitation of groundwater caused by industrial waste, hazardous water pollution caused by factory waste and chemical released by the fermented fertilizers and pesticides used in the fields, groundwater is becoming more polluted, thus reducing the overall water availability. As a result, the availability of water is getting worse. Keywords - Groundwater, Water Pollution, Water Crises, Water Problems Water management.

Introduction -

In this current era the major problems is to provide clean water for domestic use considering the burdens of the growing population, the consumption of groundwater has risen to such an extent that, water scarcity has been created due to overuse of the equipment. India is today the world largest water consuming country and the main reason for this is the growing population. India's water consumption is 30%, while USA 9% and China 12%. If the consumption of water continues to increase in this way, then we will face severe water shortage in the future. Water hazard crisis is especially felt for those who use well for domestic use. The open wells become dry as the Kupnalika are publicized. Even with less depth the water in the Kupnalika is abridged. The competition for high-pressure water pumps has started by pumping more and more deep water pumps.

This types of situation we can also observe in dam. If there is a rivers connecting the two countries, then there is competition between them and a dispute arises. It was also common in the ever states. As in the case of the Jhelum river in India and Pakistan as well as kaweri water dispute between Karnataka and Tamilnadu states, Nepal kosi river water question etc. Apart from this, the water of Jhelum, Chenab, Sabarmati, Mahi, Penar and Kaveri rivers in India is declining today. Krishna, Godavari and Japi rivers in Maharashtra are also experiencing shortage of water. The result of all this, groundwater levels in India have been falling by one foot a year in the last ten years. There are several reasons for water

Water problems in Maharashtra -

The first and foremost reason of this is that the burden of increasing population is the same in Urban areas. In urban areas, there is a requirement to supply 110 liters water per person with daily standard while in rural area the amount is around 40 liters of water should supply. Near about the 50% of the water used for agriculture purpose. This use is consumed by the land only, whereas in the industrial sector, a large quantity of water used by dependent factories which is increasing steadily and the water consumption in the land is increasing. Due to this its leading the problem of water scarcity. In many rural areas of the state of Maharashtra, Parakota has water shortage in the summer. A citizen of Sangli district and 71 drought affected talukas of Maharashtra state have taken measures to reduce water scarcity. A petition was submitted to the high court on this. The answers given by the Government of Maharashtra is as follows:

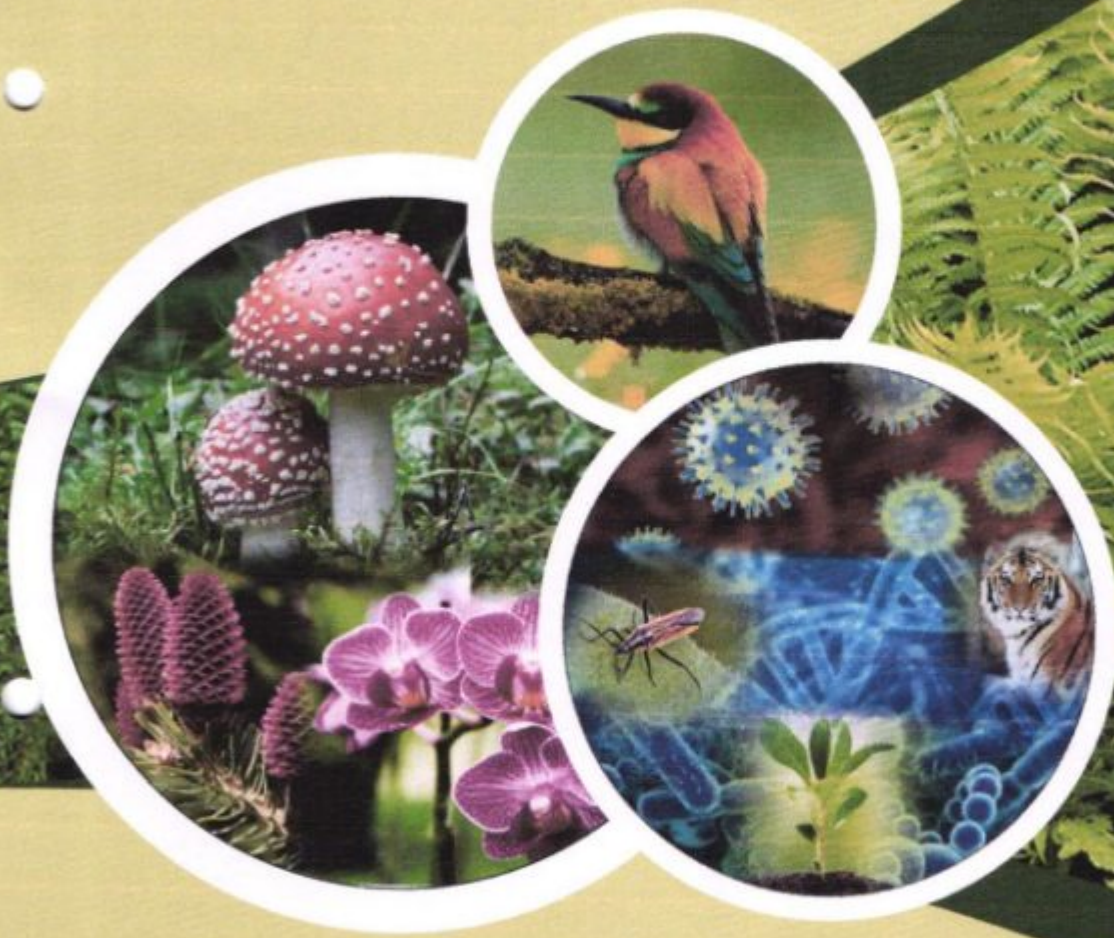
The Government of Maharashtra provides water to 6 lakh 84 thousand 867 people through 310 tank to 1136 villages in a year, Government of Maharashtra was spent near about 19.22 crore rupees for water scheme. The court objected to the data submitted by the government and sought details of the government to present this details regarding to study the water problem, a government of Maharashtra has formed a commission which was appointed under the chairmanship of Shri Madhav Chile, which reported that, in Maharashtra near about 60% rural area is facing severe problems of water scarcity. Observing the groundwater development situation before and after 1972. It is observed that by 1972 the surface water was abundantly available; there was no particular trend towards groundwater subsidence. However the number of wells increased. Fast device technology also involved. Due to subsidy for new wells and subsidy resources by the government concession in the field of



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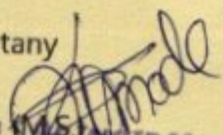
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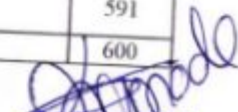
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	habitats of Pandharkawada Tahsil (MS), India		
54	Diversity of orb-weavers from Satpuda landscape	Anuradha Rajoria	421
55	Birds of Maljura Nature Interpretation Centre Patur District Akola (MS) India	Amrita M. Shirbhate and Milind V. Shirbhate	429
56	Role of spiders for trapping harmful insect from traditional crop around farm field of Dharni Melghat region	R. B. Bahadure and P. M. Makode	434
57	Current status of family Mastacembelidae in Akola District (MS) India	P. S. Dhabe	439
58	Quantitative distribution of bacteria associated with freshwater crab <i>paratelpusa jacquemontii</i> (Rathbun) from Nal-Damayanti Sagar Dam Tq. Morshi Dist. Amravati (MS) India	A. U. Ghaware and R.G. Jadhao	442
59	An intramural study of airborne fungal spores in laboratories of Govt. Institute of forensic science, Nagpur	Bhupali Bhusari, Archana Mahakalkar and Hemant Sapkal	447
60	Effect of Cypermethrin on heartbeat of <i>Periplaneta americana</i>	J. V. Pawara	457
61	Diversity of Gekkonidae species (wall lizards) in Buldhana region (MS) India	V. R. Kakde and A. C. Thakur	462
62	Morphometric and qualitative analysis of Rotifer in upper Moma reservoir, Medshi, Dist-Washim, Maharashtra (India)	M. R. Solanke and D. S. Dabhade	464
63	Preliminary checklist of Damselflies and dragonflies (Insecta, Odonata) of Karanja Sohol Wildlife Sanctuary	Milind Shirbhate and Amrita Shirbhate	474
64	Migration: an environmental fascinating aspect of the birds life	Nilima M. Kankale	481
65	Cladoceran diversity in lentic ecosystem of Shivan reservoir with reference to physicochemical parameters	P. M. Makode and R. B. Bahadure	484
66	Histophysiological alterations caused due to intoxication of Atrazine herbicide in Wistar albino rats (Male).	P. M. Ramteke	496
67	Spider diversity in organic farming of Dr. Panjabrao Deshmukh Krishi Vidhyapith Campus Akola (MS) India	Prakash P. Ade	504
68	Physico-chemical parameter of kumbhar kini dam of yavatmal district (ms) india	Shubhangi B. Misal	520
69	Characterization of Exochelin an extracellular iron chelator Siderophore of <i>Pseudomonas stutzeri</i> of SGM 1 strain	S. D. Adole and S. M. Chavhan	530
70	A new gall midge (Cecidomyiidae: diptera) from Hingoli (MS)	S. S. Bhalerao	538
71	Effect of environment on the different developmental stages of common Mormon butterfly (Lepidoptera: Papilionidae)	Dnyaneshwari M. Satarkar and Nisha V. Warade	542
72	A multifunctional biomaterial: Spider silk	A. S. Sawarkar	547
73	Habitat fragmentation and biodiversity	Sujata Kawade	543
74	Effect of double dose of Carp pituitary extract on the breeding performance of the Snakehead Uurrel, <i>Channa punctatus</i> (Bloch)	Tushar G. Deshmukh	562
75	Diversity of copepods in lentic ecosystem of Sonala Dam, Sonala, Dist. Washim, (MS) India	Ujwala P. Lande	568
76	Allelic frequency of abo and Rh d blood group among the population of endogamous group of Amravati District (MS) India	Sumit Wankhade and Santosh S. Pawar	574
77	Novel covid-19 disease, human health related complications and its prevention	A. S. Pethe	579
78	Lonar lake: Physicochemical qualities of water	A. L. Pawar and P. V. Gadakh	584
79	Application of ash as a natural fertilizer for plant growth	A. A. Balode, S. S. Bhutekar and H.V. Dhanokar	591
80	Probiotication of Papaya juice - an innovative	G. D. Surve, R. R. Pachori and	600




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CHARACTERIZATION OF EXOCHELIN AN EXTRACELLULAR IRON CHELATOR SIDEROPHORE OF PSEUDOMONAS STUTZERI OF SGM 1 STRAIN

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ABSTRACT:

Present research deals with extraction, characterization and identification of extracellular iron chelator molecules siderophore of an indigenous salt tolerant bacterium *Pseudomonas stutzeri* SGM-1. This is the first report known so far for any genus to produce Exochelin siderophore other than Mycobacterium. In iron limited conditions the strain does not only survived but also yielded the iron chelator molecules the Siderophore of hydroxamate as well as a mixed type. The plant growth promoting features of siderophore produced as well as the strain are of great interest to use this Organic Chelator and its producing strain as a bioinoculants for effective use of available micronutrients in agricultural soils to nourish the plants to yield high quality food from such soils to feed the growing need of food by world's population.

Keywords: Iron, Chelator, Siderophore, *Pseudomonas stutzeri*, bioinoculant

Introduction:

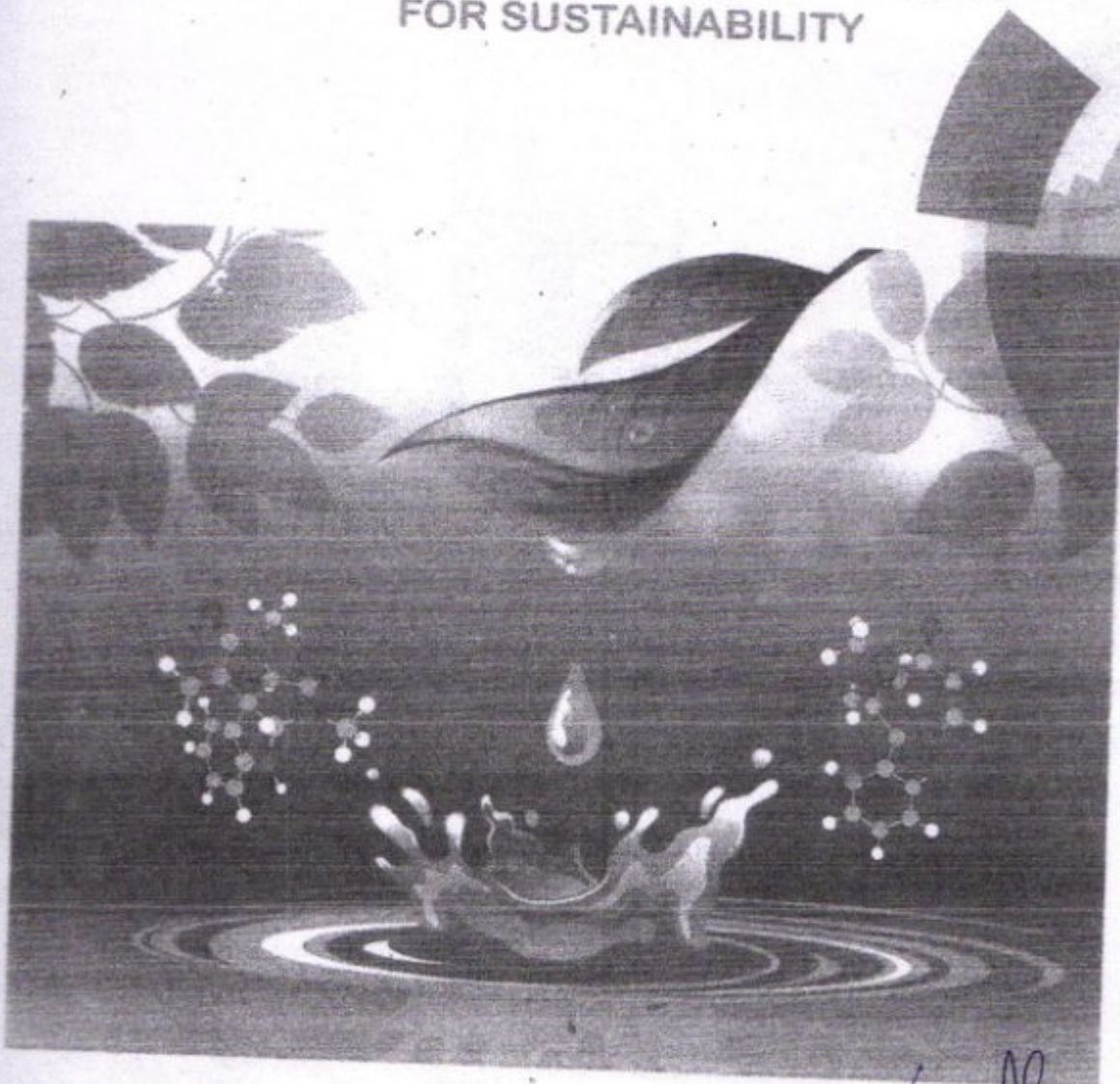
Iron uptake into mycobacteria is mediated by the exochelins are low molecular weight siderophores of, as yet, chemically undefined structures. Exochelin MS (Structure) is an extracellular siderophore and is reported so far to be produced by Mycobacterium species only e.g. the non-pathogenic Mycobacterium smegmatis. Considering the chemistry of Exochelin MS is a formylated pentapeptide (N-(δ -N-formyl, δ N-hydroxy-R-ornithyl)- β -alaninyl- δ N-hydroxy-Rornithinyl-R-allo-threoninyl- δ N-hydroxy-S ornithine) with three hydroxamic acid groups for Fe³⁺ chelation. In general, siderophores are low molecular weight compounds that can chelate ferric iron from many insoluble compounds in the environment. Ranging in size from 500 – 1500



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Green Synthesis Of Novel Substituted 4, 4'-Biphenothiazine Derivatives

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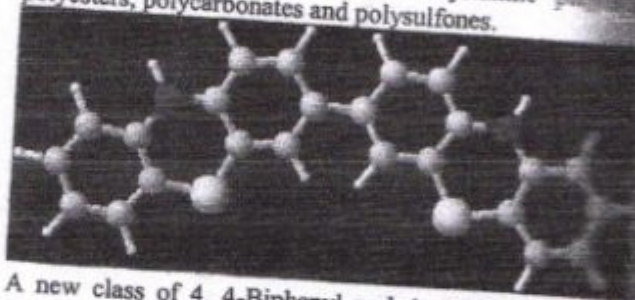
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Abstract:

In this paper, common heterocyclic system containing nitrogen or oxygen or both plays an important role in the evolution of life. Comparison of conventional and microwave assisted synthesis of 4, 4'-Biphenyl and 4, 4'-Biphenothiazines is an intermediate use in the manufacture of thermoplastics such as liquid crystalline polyesters, polycarbonates and polysulfones.



A new class of 4, 4'-Biphenyl and 4, 4'-Biphenothiazine derivatives condensed with different aldehydes under microwave irradiation. The synthesized compounds has been characterized by IR, ¹H-NMR and mass spectral data. The compounds were also evaluated for antimicrobial activities.

Key Words: Biphenyl, Phenothiazine, Substituted aldehydes, Biological activities.

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Introduction

The 4,4'-Biphenol is an organic compound which is phenolic derivative of biphenyl are estrogenic compounds which are difficult to synthesize the plastic.

244

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245

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