



CHRIST COLLEGE

JAGDALPUR, DISTRICT BASTAR (C.G.) 494001, INDIA

NAAC Accredited : Education with 'B' & General Education with 'C' Grade

KNOWLEDGE PARTNERS



BASTAR UNIVERSITY



JILA PRASHASAN

SPONSORED BY



CHHATTISGARH COUNCIL
OF SCIENCE & TECHNOLOGY

15

ISBN 978-93-5254-678-7

**International Seminar on
EMERGING SKILL DEVELOPMENT TRENDS IN THE FIELD OF
SCIENCES, SOCIAL SCIENCES & EDUCATION**

EDITED BOOK

ISBN 978-93-5254-678-7

**International Seminar on Emerging skill development trends in the field
of Sciences, Social Sciences & Education**

15 TO 17 JANUARY 2016

Edited Book

Patron

Rev. Dr. Paul T. J.
Principal

Convener

Dr. Anita Nair
Research & Publication Cell

Editor-in-Chief

Dr. Ashim Ranjan Sarkar
HOD, Dept. of CS & IT
Christ College, Jagdalpur, Dt. Bastar (C.G.)

Co Editor-in-Chief

Mrs. Siji Jestus John
Asst. Prof, Dept. of CS & IT,
Christ College, Jagdalpur, Dt. Bastar (C.G.)

Website: www.christcollegejagdalpur.in/shodhdarpan.html
Email : shodhdarpan@christcollegejagdalpur.in

Index

CHAPTER	TOPIC	PAGE NO.
1	Life Skills for Life-Long Learning Sohan kumar mishra, Dr.Jubraj khamari	1-5
2	Role of Capacity Building of Librarians in Digital Era Dr.Sanjay kumar Dongre	6-9
3	Income Generation Programmes (IGPS) – As a Rehabilitation Strategy for Families Infected Affected With HIV/AIDS Dr.Smijo Sebastian, Dr.V.Subathra	10-12
4	Skill Development and Social Work Mrs. Vijayalaxmi Dash	13-14
5	Motivation for Learning Sohan Kumar Mishra, Dr.Abdul Sattar	16-18
6	3D PRINTING Ms.Darshana Patel	19-21
7	Skill Development through Sustainable Harvesting of Medicinal Plants to Enhance the Earning for Forest Dwellers Dr.Swapan Kumar Kolay	22-55
8	Women Empowerment and Skill Development with Special Reference to Chhattisgarh Mrs. Hem Kumari Patel, Dr.Ravindra Nath Mishra, Dr.Kaushilya Sahu	56-60
9	Skill Development Analysis of Innovative development in frontier areas of Biotechnology Ms. Mukta Rao	61-63
10	Digital Library Mrs.Meena Aharwal	64-67
11	Tribal Medicine Found in Bastar Reacha Shriwas, Shebe Mosa, Archana Dhruv, Pooja Gupta	68-72
12	Nucleoside Analogs: Advance Development using Genetic Drugs Abhilasha Mandal	73-77
13	Skill Development in the Field of Accountancy Dr.Aruna Pillay	78-82
14	Vocational Education Beneficial and Importance Mrs.Yogita Jiwane, Dr.Saummya Tiwari	83-85
15	The behavioral risk Factors with Malaria Relevance in Muria Tribe of Bastar (C.G) Dr. Anand Murti Mishra, Shabana Khan, Sarita Netam	86-89
16	Value Education: Base for Humanity Mrs.Babita Jaria, Dr.Hansa Shukla	90-94
17	The Patterns of Sometometric Measurement among School Going Dhruwa Children of Bastar Anand Murti Mishra, Komal Sahu	95-104
18	Emerging Knowledge and Skills gained in the field of Bioinformatics Rahul Singh Thakur	102-104
19	Developing Management Skills Divya Dandwani	105-107

Index

20	Issues related to securing customer database through cloud computing Sagarika Gupta	108-110
21	Skill Development in the Field of VFX Ankur Sarkar	111-114
22	Productive Potential of Forest Resources : An Additional Livelihood Generating Forestry options (An innovative approaches for skill development) Dr.Vinod kumar Soni	115-120
23	Appropriate Tehnological Options for Rural Development of Chhattisgarh Dr. Anupam Kumar Tiwari	121-131
24	Skill Transfer into Classroom Processes- The Neglected Priority in In-Service Training of Teachers Dr.Stanley John	132-139
25	Skill Development Approaches for Generating Rural Employability Dr. Subramaniam.C	140-146
26	Role of Digital India in Skill Development Jay Shankar Sahu	147-149
27	Spousal Relationships as Misalliance: A Study on Anita Desai's Select Novels Jestus V John	150-151
28	Clinical Data Mining:An Approach to Enhance the Quality of Clinical Trials Mrs.Siji Jestus John	152-154
29	Effectiveness of Marital Counselling Sijjiya.S , Dr.V. Subathra	155-156
30	Existence of R.K. Narayan without Malgudi Jacob V John	157-158
31	Green Computing : New Era of Computing Satyam Sudhaker	159-162
32	Treasure Hidden in Bastar Livelihood Khushbu Mali, Roshani Bang, Nikki Nage, Tilotama Das, V.Shiv Padmini	163-167
33	Effect of Inorganic Subtituents present in "Gutkha" on Salivary Protein Rahul Singh Thakur, Atul Kumar Panigrahi, Vipla Lakra, Shailaja Rajput	168-173
34	Managerial Skills Related to Skill Development in Management Dr. Pallavi Gupta	174-176
35	Public-Private Partnerships for Sustainable Development Subhramaniam .C	177-179
36	Plant Product Nisha Netam, Madhuri Yadav, Anjali Joshi	180-182

Index

37 ✓	Digital divide in Teaching-Learning process of Higher Education: An Analytical Study between Various Groups of Students Geeta Hota, Sambit Padhi	183-186
38	कौशल विकास प्रयासों से ग्रामीण रोजगार सृजन की संभावना सुश्री रंजना नीलिमा कच्छप, डॉ० भूप नारायण सिंह	187-189
39	कॉरपोरेट गवर्नेंस : अंकेक्षण के महत्वपूर्ण मूल्यांक के रूप में प्रो. आर.के. तिवारी, प्रो. जी.पी. पाठक, वाय.के. बहीरत, प्रो. एन.डी. दीवान	190-195
40	शिक्षा : जीवन के लिए—मूल्यों पर आधारित संध्या श्रीवास्तव	196-206
41	संस्कार जीवन को मधुर बनाते हैं श्रीमती डॉली अहीर यादव	207-209
42	डिजिटल साक्षरता का महत्व सनत कुमार साहू	210-212
43	समाज में स्त्रियों की शिक्षा की स्थिति में व्यापक बदलाव दिनेश कुमार	213-217
44	अधिगम में अभिप्रेरणा की भूमिका डॉ. (श्रीमती) जस्सी जोस	218-223
45	मूल्यों पर आधारित जीवन के लिए शिक्षा डॉ. (श्रीमती) अनिता श्रीवास्तव	224-226
46	शिक्षा में भारत की विशेष नीतियाँ एवं इनका वर्तमान स्वरूप का अध्ययन मोहन सोलंकी	227-230

16

Chapter 37

Digital divide in Teaching-Learning process of Higher Education: An Analytical Study between Various Groups of Students

Geeta Hota

Bilaspur, India, proffgeeta@gmail.com

&

Sambit Padhi

Guru Ghasidas University, Bilaspur, India, padhiggv@gmail.com



Abstract: *Recently digital divide has attracted the researchers to analyze the condition in various groups. Digital divide is not only existing due to geographical distance or region but may exist due to other factors. In the knowledge economy society, Information Communication Technology (ICT) is playing crucial role for overall development. Higher education system is an example of this, in which Teaching-Learning is based on ICT. The impact of utilization of ICT in Teaching-Learning may be reflected in terms of academic performance of students. On the other hand Digital divide may exist due to various factors among the students involved in learning. This paper analyzes the situation of digital divide in ICT based learning process based on three groups namely: Male Vs Female students, University Vs College students and PG Vs UG students.*

Keywords: Digital Divide, Information communication Technology (ICT).

Introduction

Digital divide is defined as the gap between those group who have access to digital technology or Information communication Technology (ICT) and those who do not to fulfill their objective. The digital divide (Panda I. and et al.) may also be defined as the gap between individuals, business and geographical areas at different socio-economic levels with regards both to their opportunities to access ICTs and to their use of the internet for a wide variety of activities. The objective considered in this piece of research work to analyze digital divide is utilization of ICT as a tool in learning process to improve academic performance of students. Countries around the world are investing in Information Communication Technology (ICT) to improve quality education, but due to many reasons digital divide are occurring in various groups of students and teachers engaged in Teaching-Learning in higher education system. Researchers have worked lot about utilization of ICT in Teaching-Learning and its impact on academic performance of students. Purpose of present research work is to analyze condition of digital divide in higher education system specially in context of students perception on utilization of ICT in learning process to improve their academic performance. Various groups of students where digital divide may occur are identified. From the analysis (Singh S. Et.al, 2010) it is clear that there are millions of peoples in the world or country like India who do not have internet access, telephones, mobile etc. due to various reasons. Their inability to access ICTs deprives them to reap the benefits of ICTs. This has led to serious issue "Digital Divide". Government of India (www.mhrd.gov.in) and is also taking lots of initiative to bridge the digital gap among the various stakeholders engaged in higher education system, these are national Knowledge Network (NKN), Spoken tutorial program, NEPTEL etc.

Digital Divide in Higher education: In Teaching-Learning in higher education system, ICT is being utilized both by students as well as by teachers. The various groups of students where digital divide may occur may be as follows: