Vol II Issue IX

ISSN No : 2230-7850

Monthly Multidisciplinary Research Journal

Indian Streams Research Journal

Executive Editor

Ashok Yakkaldevi

Editor-in-chief

H.N.Jagtap

Welcome to ISRJ

RNI MAHMUL/2011/38595 **ISSN No.2230-7850**

Indian Streams Research Journal is a multidisciplinary research journal, published monthly in English, Hindi & Marathi Language. All research papers submitted to the journal will be double - blind peer reviewed referred by members of the editorial Board readers will include investigator in universities, research institutes government and industry with research interest in the general subjects.

International Advisory Board

Flávio de São Pedro Filho
Federal University of Rondonia, Brazil

Kamani Perera
Regional Centre For Strategic Studies, Sri Lanka

Janaki Sinnasamy
Librarian, University of Malaya [Malaysia]

Romona Mihaila
Spiru Haret University, Romania

Delia Serbescu
Spiru Haret University, Bucharest, Romania

Anurag Misra
DBS College, Kanpur

Titus Pop

Mohammad Hailat
Dept. of Mathmatical Sciences, University of South Carolina Aiken, Aiken SC 29801

Abdullah Sabbagh
Engineering Studies, Sydney

Catalina Neculai
University of Coventry, UK

Ecaterina Patrascu
Spiru Haret University, Bucharest

Loredana Bosca
Spiru Haret University, Romania

Fabricio Moraes de Almeida
Federal University of Rondonia, Brazil

George - Calin SERITAN
Postdoctoral Researcher

Hasan Baktir
English Language and Literature Department, Kayseri

Ghayoor Abbas Chotana
Department of Chemistry, Lahore University of Management Sciences [PK]

Anna Maria Constantinovici
AL. I. Cuza University, Romania

Horia Patrascu
Spiru Haret University, Bucharest, Romania

Ilie Pintea,
Spiru Haret University, Romania

Xiaohua Yang
PhD, USA

Nawab Ali Khan
College of Business Administration

Editorial Board

Pratap Vyamktrao Naikwade
ASP College Devrukh,Ratnagiri,MS India

R. R. Patil
Head Geology Department Solapur University, Solapur

Rama Bhosale
Prin. and Jt. Director Higher Education, Panvel

Salve R. N.
Department of Sociology, Shivaji University, Kolhapur

Govind P. Shinde
Bharati Vidyapeeth School of Distance Education Center, Navi Mumbai

Chakane Sanjay Dnyaneshwar
Arts, Science & Commerce College, Indapur, Pune

Awadhesh Kumar Shirotriya
Secretary, Play India Play (Trust),Meerut

Iresh Swami
Ex - VC. Solapur University, Solapur

N.S. Dhaygude
Ex. Prin. Dayanand College, Solapur

Narendra Kadu
Jt. Director Higher Education, Pune

K. M. Bhandarkar
Praful Patel College of Education, Gondia

Sonal Singh
Vikram University, Ujjain

G. P. Patankar
S. D. M. Degree College, Honavar, Karnataka

Maj. S. Bakhtiar Choudhary
Director,Hyderabad AP India.

S.Parvathi Devi
Ph.D.-University of Allahabad

Sonal Singh

Rajendra Shendge
Director, B.C.U.D. Solapur University, Solapur

R. R. Yalikar
Director Managment Institute, Solapur

Umesh Rajderkar
Head Humanities & Social Science YCMOU, Nashik

S. R. Pandya
Head Education Dept. Mumbai University, Mumbai

Alka Darshan Shrivastava
Shaskiya Snatkottar Mahavidyalaya, Dhar

Rahul Shriram Sudke
Devi Ahilya Vishwavidyalaya, Indore

S.KANNAN
Ph.D , Annamalai University,TN

Satish Kumar Kalhotra

Address:-Ashok Yakkaldevi 258/34, Raviwar Peth, Solapur - 413 005 Maharashtra, India
Cell : 9595 359 435, Ph No: 02172372010 Email: ayisrj@yahoo.in Website: www.isrj.net

Indian Streams Research Journal
Volume 2, Issue.11,Dec. 2012
ISSN:-2230-7850
Available online at www.isrj.net

ORIGINAL ARTICLE

A Study of the Use of ICT in the Teaching-Learning Process in Secondary Schools of Solapur city

D.S. Waghmare P.S.Budharam

Assistant Professor , Ph.D. Research Student
Kasturbai college of Education,Solapur

Abstract:

The objective of paper is A Study of the Use of ICT in the Teaching-Learning Process in Secondary Schools of Solapur city. The aim of this subject is to study what is the present status of use of ICT in the schools of Solapur city and how does the use of ICT affect the teaching learning process?.

KEYWORDS:

ICT, Teaching, Learning, Schools

INTRODUCTION:

1. To study the resources with respect to ICT in the schools of Waymade Solapur city.
2. To study the extent to which infrastructural facilities are used for the teaching learning process in the practice teaching schools of Solapur city
3. To study the impact of the use of ICT in the teaching learning process of the practice teaching schools of Solapur city.

Ø DELIMITATION OF THE STUDY :

The present study is delimited to a few practice teaching schools of Solapur city .

Ø POPULATION AND SAMPLE :

1. The Population of the present study is the group of all the practice teaching schools of Solapur city.
2. The Sample of the present study included eight schools of Solapur city. The schools were selected based on the availability of ICT facilities for integrating technology in the teaching-learning process, and the readiness to participate in the research .

➢ Research Tools, Data collection and Analysis Techniques

Objective	Tools & Techniques	Sample	Data Collection	Data Analysis Technique
Objective No. 1 *Resources*	Check List	Computer instructor/ Technician	Responses to the check list	Content Analysis
Objective No. 2 *Use*	Questionnaire	Teachers	Responses to the questionnaire	Content Analysis
Objective No. 3 *Impact*	Questionnaire	Teachers	Responses to the questionnaire	Content Analysis

Title:A Study of the Use of ICT in the Teaching-Learning Process in Secondary Schools of Sola...Source:Indian Streams Research Journal [2230-7850] D.S. Waghmare P.S.Budharam yr:2012 vol:2 iss:11

Ø FINDINGS OF THE STUDY :

1. All the schools haven't the basic infrastructure facility required for the use of ICT in the teaching-learning process.
2. All the schools haven't a computer instructor.
3. All the schools have two practical sessions allotted for computer work per week.
4. In seven schools, More than 45 % of teachers use ICT in teaching learning process; while in one school, 80 % of teachers use ICT in the teaching learning process.
5. The teachers use computer for the following purposes:
6. In 75% schools, the teachers use ICT for maintaining records and for preparing question papers
7. In 63% schools the teachers use ICT for downloading information from the Internet
8. In 50% schools the teachers use ICT for making presentations and preparing teaching learning materials
9. 13% of schools use language laboratory
10. 38% of schools use ICT for academic planning, content transaction and project work.
11. All the schools have a computer instructor.
12. All the schools have two to three practical sessions allotted for computer work per week.
13. In seven schools, More than 66% of teachers use ICT in teaching learning process; while in one school, only 20% of teachers use ICT in the teaching learning process.
14. The teachers use computer for the following purposes:
15. In 75% schools, the teachers use ICT for maintaining records and for preparing question papers
16. In 63% schools the teachers use ICT for downloading information from the Internet
17. In 50% schools the teachers use ICT for making presentations and preparing teaching learning materials
18. 13% of schools use language laboratory
19. 38% of schools use ICT for academic planning, content transaction and project work.
20. In 88% of the schools, more than 80% of the teachers think that ICT has a positive Impact on the Teaching Learning Process in the following ways:

I. better understanding
II. creating interest among the students
III. increasing the involvement of students
IV. providing varied learning experiences

Ø SUGGESTIONS :

1. The teachers should increase the use of ICT for content transaction, preparation of the teaching-learning materials, academic planning, project work and making presentations as these are the components directly related to the teaching-learning process, rather than using it for maintaining records, examination purpose and downloading information. For the fulfillment of this objective, training programmes need to be conducted on a large scale.
2. The management should encourage and support the schools to develop language laboratory and use it for the teaching of languages.
3. The management should motivate teachers to use ICT for the teaching-learning process by providing the incentives and framing the policies at the institute.
4. Number of teachers attending workshops and seminars on “the Use of ICT in the teaching-learning process” should increase. Individual and institutions should utilize such opportunities to the maximum.
5. Schools should prepare a schedule for a regular access to computers by students for preparing projects and assignments.
6. Teachers should not restrict their knowledge and expertise of using computers for their own professional growth and development but should plan out activities for contributing to the growth and development of the institution.

Ø Bibliography :

1. Gupta S.L & Gupta Hitesh (2011) , Research Methodology, New Delhi: International Book House
2.www.wikipedia.org

3.www.education.nic.in

4.www.ict.com

5.

Publish Research Article
International Level Multidisciplinary Research Journal
For All Subjects

Dear Sir/Mam,

We invite unpublished research paper.Summary of Research Project,Theses,Books and Books Review of publication,you will be pleased to know that our journals are

Associated and Indexed,India

- International Scientific Journal Consortium Scientific
- OPEN J-GATE

Associated and Indexed,USA

- Google Scholar
- EBSCO
- DOAJ
- Index Copernicus
- Publication Index
- Academic Journal Database
- Contemporary Research Index
- Academic Paper Databse
- Digital Journals Database
- Current Index to Scholarly Journals
- Elite Scientific Journal Archive
- Directory Of Academic Resources
- Scholar Journal Index
- Recent Science Index
- Scientific Resources Database

Indian Streams Research Journal
258/34 Raviwar Peth Solapur-413005,Maharashtra
Contact-9595359435
E-Mail-ayisrj@yahoo.in/ayisrj2011@gmail.com
Website : www.isrj.net