
Ashok Kuman (GIAN JYOTI E-JOURANL, Volume 1, Issue 2, Jan-Mar 2012) E-Governance in Education Sector


Dwivedi Sanjay Kumar, Ajay Kumar Bharti [2010]. E-Governance In India – Problems And Acceptability Department Of Computer Science, Babasaheb Bhimrao Ambedkar University, Lucknow (U.P.), India – 226025 Journal of Theoretical and Applied Information Technology


Joshna O Miluwi Hina Rashid [2007] Democracy and Administration Strategy


Sanjay Kumar Dwivedi, Ajay Kumar Bharti [2010]. E-Governance In India – Problems And Acceptability Department Of Computer Science, BabasahebBhimraoAmbedkar University, Lucknow (U.P.), India – 226025 Journal of Theoretical and Applied Information Technology

Suman Jeet and Joseph Wood Krutch [2006] E-Governance: An Overview In The Indian Context Vol.L Xvi1, No. 4, Oct-Dec., "Technology made large populations possible; large populations now make t technology indispensable",


XING Guo-Chun [2009] A Mobile And Highly Efficient Agent In Distance Education Teaching Research –,Institute Of Computer Science And Technology Changchun Normal University Changchun China And Zhao Yu, Institute Of Computer Science And Technology Changchun Normal University Changchun China

Yulan Zhu Linlin Zhang [2009] Class Hour Allocation Optimization Model between E-education and Traditional Education in the process of Higher Vocational Technology Education-. Wu Xi Institute of Communications Technology University of Shanghai for Science and Technology WXICT USST Wu Xi China Shaorong Sun University of Shanghai for Science and Technology USST ShangHai,China

E – Resources

jmistry@suffolk.edu Search engine Google 12.7.15
Governance and good governance -
http://mirror.undp.org/magnet/policy/glossary.htm
E-governance : conceptual framework
http://arc.gov.in/11threp/art_11threport_ch2.pdf
Mr. Gund D. P.
Researcher
S.N.A.V., Barshi

To,

------------------------

Subject: - Request for standardization of questionnaire/interview Schedule/Observation schedule [Check list]

Respected Sir / Madam,

As per above mentioned subject, I Mr. Gund D, P. doing Ph.D in “Education” from Solapur University, Solapur under the guidance of Dr. S. D. Bhilegaonkar. My research topic is ‘study of e-governance for diploma in teacher education program’. To collect the data I have prepared questionnaire/interview schedule Observation schedule. I request to you for the standardization of it.

If you help me, in standardizing the questionnaire/interview Schedule/Observation schedule by suggesting your views about accuracy and appropriate of it for relevant subject, it will be helpful for the completion of my research work. And I will be very grateful to you forever.

Thanking You.

Yours faithfully,
## Appendix B

### List of Experts

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Name of the expert</th>
<th>Designation and Name of Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>Dr. V. U. Pawar</td>
<td>Ex. Principal, College of Education, Barshi</td>
</tr>
<tr>
<td>02</td>
<td>Dr. Kamladevi Awate</td>
<td>Principal, DIET, Loni Kalbhor</td>
</tr>
<tr>
<td>03</td>
<td>Dr. Gore S. S.</td>
<td>Principal, College of Education, Barshi</td>
</tr>
<tr>
<td>04</td>
<td>Dr. V. P. Shikhare</td>
<td>Associate Prof., College of Education, Barshi</td>
</tr>
<tr>
<td>05</td>
<td>Dr. M. S. Disale</td>
<td>Asst. Prof., College of Education, Barshi</td>
</tr>
<tr>
<td>06</td>
<td>Dr. K. M. Bondarde</td>
<td>Associate. Prof Walchand College of Education, Solapur</td>
</tr>
<tr>
<td>07</td>
<td>Dr. A. T. Patil</td>
<td>Women’s College of Education, Tasgaon</td>
</tr>
<tr>
<td>08</td>
<td>Dr. J. B. Jalkute</td>
<td>Lecturer, S. N. A. V. Barshi</td>
</tr>
<tr>
<td>09</td>
<td>Dr. V. H. Waghmare</td>
<td>Asst. Prof. S. B. Z. M.Barshi</td>
</tr>
<tr>
<td>10</td>
<td>Dr. G. A. Chavan</td>
<td>Asst. Prof. S.N.D.T. College of Education, Mumbai</td>
</tr>
<tr>
<td>11</td>
<td>Dr. I. P. Nadaf</td>
<td>Lecturer, DIET, Osmanabad</td>
</tr>
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<td>12</td>
<td>Dr. R. A. Furade</td>
<td>Associate Prof., College of Education, Barshi</td>
</tr>
</tbody>
</table>
Appendix C

STUDY OF E-GOVERNANCE FOR DIPLOMA IN TEACHER EDUCATION PROGRAM

Researcher[Ph.D.]
Solapur University, Solapur
Mr. Deepak Prakash Gund

Questionnaire for Principal [D.T.Ed.]

Objectives of the Research

1] To study administrative status of Diploma in Teacher Education Program.
2] To study linkages of Diploma in Teacher Education Program with other institutes.
3] To study application of e-governance in Diploma in Teacher Education Program administration.
4] To study the problems of administration, linkages and application of e-governance in Diploma in Teacher Education Program.
5] To suggest remedies for quality e-governance.

Instruction-
Please √ mark to the appropriate option.

SECTION A

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<thead>
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<td>College name and Address:</td>
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<tr>
<td>Mobile No.</td>
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<tr>
<td>Web Site of College:</td>
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<tr>
<td>Teaching Experience:</td>
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</table>
Administrative Experience:

SECTION B

1 e-governance means the use of [इ-कर्मचारीत्व मानदंडों में ज्ञान वापन]
   
   A] Computer   B] ICT
   C] Multimedia   D] All of these
   E] Other

2 Which types of agencies are linked up through e-governance to D.T.Ed. College?
   [ए-कीर्तिकर्मचारीत्व प्राप्ति की संस्थाएं D.T.Ed. कॉलेज से संबंधित हैं]
   
   A] Educational   B] Administrative
   C] Management   D] Other

3 E-governance in administration of D.T.Ed. College is used for
   [ए-कीर्तिकर्मचारीत्व मानदंडों में ज्ञान वापन के प्रयोग]
   
   A] Internal governance   B] External governance
   C] Both   D] Other

4 E- governance is useful in following internal governance
   [ए-कीर्तिकर्मचारीत्व अंतर्गत ज्ञान वापन]
   
   C] Scholarship   D] To fill up the exam form
   E] Other

5 E- governance is useful in following external governance
   [ए-कीर्तिकर्मचारीत्व बाहरी ज्ञान वापन]
   
   A] For correspondence with DIET
   B] For correspondence with NCTE
   C] For correspondence with NCERT
   D] For correspondence with Dy.D
   E] For correspondence with SCERT
   F] Other

6 Which are the agencies related to D.T.Ed. College in Maharashtra?
   [ए-कीर्तिकर्मचारीत्व मानदंडों में ज्ञान वापन]
   
   A] SCERT   B] DIET
   E] Other
7. Which are agencies related to D.T.Ed. College in India?

| A) NCTE | B) NCERT | C) HRD | D) OTHER |

8. Which are the external agencies in India have a contact through e-governance with D.T.Ed. College?

| A) NCTE | B) NCERT | C) NGO | D) DIET | E) RTE | F) Rehabilitation center | G) Women welfare centre | H) Other |

9. What type of work is possible through e-governance at college level?

| A) Teaching | B) Learning | C) e-scholarship | D) Internal Evaluation | E) To fill up exam forms | F) Messaging |

10. How can you take help of e-governance from DIET for feasibility in administration?

| A) Training program | B) D-50 | C) Organization of curricular and co curricular activities | D) Other |

11. What are the problems of use of e-governance with DIET?

| A) Demand of immediate response | B) Demand of repetition of same information | C) None | D) Other |

12. Which facilities are required for better implication of e-governance between D.T.Ed. College and DIET?
| A) Internet | B) Trained man power |
| C) Back up batteries | D) Cyber security |
| E) Modem | F) lab well equipped |
| G) Other | |

13. How can e-governance literacy be generalized in D.T. Ed Colleges?

A) Special topic of e-governance in syllabus  
B) Orientation  
C) Certificate course  
D) Training  
F) Other

14. What should be the role of principal in application of e-governance?

A) Resource person  
B) Planner  
C) Other

15. What should be the role of students in e-governance?

A) Learner  
B) As a technician  
C) User  
D) Helper  
E) Any Other

16. What are the problems that you faced while using e-governance with other link institutes?

A) Daily checking of the mails  
B) No information about sending messages  
C) Security  
D) Technical problems  
E) Any other

17. Do you have sufficient fund available for the maintenance of e-governance equipment?

A) Sometime  
B) Always  
C) Never
18. Do you think that e-governance is used for educational purpose?

A) Sometime  
B) Great extent  
C) None  

19. What type of work is related to SCERT thorough e-governance?

A) Admission  
B) Correspondence of various GR  
C) Notification  
D) Training  
E) Staff profile  
F) Any other  

20. What are the benefits of it?

A) Easy access  
B) Saving time and money  
C) Update information  
D) Regular awareness  

21. What are problems of e-governance at college level?

A) Electricity problem  
B) Unavailability of trained manpower  
C) Unavailability of internet connection  
D) Time limitation  
E) Any other  

22. How will you make collaboration link with other institutes by using e-governance?

A) Mailing  
B) Message  
C) Phone call  
D) Tele conferencing  
E) Video conferencing  
F) Other  

23. What are the problems that you faced while using e-governance?

A) Illiteracy  
B) Lack of awareness  
C) Lack of staff support  
D) Lack of Confidence  
E) Other  

24. What are the merits of e-governance?

A) Paperless work  
B) in time work  
C) Quality in work  
D) Save money
25 Which facilities should be made available for effective e-governance?

A] Well equipped lab  
B] Modern technology  
C] Web cam  
D] Internet  
E] Special technician  
F] Other

26 Which type of help do you need from your staff for effective application of e-governance?

A] Showing interest  
B] Staff should take training of e-governance  
C] Co-operation  
D] Other

27 Do you think that e-governance made complication in administration?

A] Up to some extent  
B] Yes  
C] No

28 Do you think that problems in e-governance can be minimized?

A] Surely  
B] Not sure  
C] Up to some point

29 Do you think that e-governance is useful in administration?

A] Sometime  
B] Not necessary on long scale  
C] Useful

30 What is the best or effective use of e-governance in administration?

A] Link with other  
B] Link with other institutes in India  
C] Link with other D.T. Ed. Colleges  
D] Other

31 Have you trained your staff (teaching / non-teaching)?

A] (शिक्षक -शिक्षकेतर कर्मचारी)
32. Which type of training is taken from NGO about e-governance?

C] Communication and correspondence  D] Developing leadership
E] None of these

33. Which type of training is taken from government organization about e-governance?

A] Orientation  B] Short term course
C] Other

34. In which areas that e-governance is useful at D.T.Ed level?

A] Administrative e-governance  B] Educational e-governance
C] Internal e-governance  D] External e-governance
E] Other

35. How can you motivate to others for maximum use of e-governance?

…………………………………………………………………………………………
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36. What is your opinion about e-governance?

…………………………………………………………………………………………
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37. Which facilities should be made available for effective e-governance at D.T.Ed.
38 How can you improve the use of e-governance in D.T.Ed. College?

39 Suggest your views for effective application of e-governance in D. T. Ed colleges?

40 Do you support to the digital administration of D. T. Ed. Colleges?

A] Yes ☐ B] No ☐

Name and Sign
Appendix D

Interview Schedule for Head of Non Teaching staff

STUDY OF E-GOVERNANCE FOR DIPLOMA IN TEACHER EDUCATION PROGRAM

Researcher [Ph.D.]
Solapur University, Solapur
Mr. Deepak Prakash Gund

Interview Schedule for Head of Non Teaching staff [D.T.Ed.]

Objectives of the Research

1] To study administrative status of Diploma in Teacher Education Program.
2] To study linkages of Diploma in Teacher Education Program with other institutes.
3] To study application of e-governance in Diploma in Teacher Education Program administration.
4] To study the problems of administration, linkages and application of e-governance in Diploma in Teacher Education Program.
5] To suggest remedies for quality e-governance.

Interview Schedule for Head of Non Teaching staff [D.T.Ed.]

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<td>Designation:</td>
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<tr>
<td>College name and Address:</td>
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<td>---</td>
</tr>
<tr>
<td><strong>Mobile No.</strong></td>
</tr>
<tr>
<td><strong>Email</strong></td>
</tr>
<tr>
<td><strong>Experience:</strong></td>
</tr>
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</table>

1. **What is the meaning of e-governance according to your opinion?**
   - A] Use of computer   
   - B] Use of SMS facility   
   - C] Use of Multimedia   
   - D] Use of Internet   
   - E] All of these   

2. **Where do you use e-governance for?**
   - A] Exam   
   - B] Scholarship   
   - C] T.C.   
   - D] Giving instructions   
   - E] In staff approval camp   
   - F] Any other   

3. **What type of work can be done with the use of e-governance in D. T. Ed. colleges?**
   - A] To fill up various forms of students   
   - B] Communicate with other offices related to D.T.Ed.   
   - C] Mailing   
   - D] Giving instructions to students   

4. **What are the agencies links up with the e-governance?**
   - A] D.T.Ed. Colleges   
   - B] DIET   
   - C] SCERT   
   - D] Dy. D. Office   
   - E] Any other   

5. **Is it beneficial to link with these agencies?**
   - Yes   
   - No   

6. **What is the use of e-governance in D. T. ed. College in administration other than above mentioned by you?**
   - .................................................................
### Question 7
What are the problems in using e-governance in D. T. Ed. Colleges?
- A] Time wasting process
- B] It is not fully secured
- C] Repetition of information
- D] Facilities are not available
- E] Problem of Internet connection
- F] Lack of back up batteries
- G] Any other problem

### Question 8
What are the problems while using e-governance with other institutes related to the D. T. Ed. colleges?
- A] No quick feedback
- B] Language problem
- C] Special instructor is required
- D] Any other

### Question 9
Do you have sufficient facilities available for effective e-governance?
- Yes
- No

If No, because…………………………………………………………………

### Question 10
Have you taken proper training for the e-governance?
- Yes
- No

If Yes which one……………………………………………………………………

### Question 11
Do you get proper support of staff for using e-governance?
- Yes
- No

If No, why……………………………………………………………………
<table>
<thead>
<tr>
<th></th>
<th>Question</th>
</tr>
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<tbody>
<tr>
<td>1</td>
<td>Which facilities should be made available for effective use of e-governance?</td>
</tr>
<tr>
<td></td>
<td>A] Sufficient computers □ B] Internet connection □ C] Special skilled teacher □ D] Special lab with well-equipped □ Any other requirements □</td>
</tr>
<tr>
<td>1</td>
<td>Suggest your views for effective e-governance</td>
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<td>..................................................................................................................</td>
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<td>..................................................................................................................</td>
</tr>
<tr>
<td>1</td>
<td>Have you taken proper training for effective e-governance from government?</td>
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<td>Yes □ No □ If yes □ Give details .................................................................</td>
</tr>
<tr>
<td>1</td>
<td>Do you think that e-governance made work easier than before?</td>
</tr>
<tr>
<td></td>
<td>Yes □ No □ Give reason ..............................................................................</td>
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Name and Sign
Appendix E
Observation Schedule [Check list]

STUDY OF E-GOVERNANCE FOR DIPLOMA IN TEACHER EDUCATION PROGRAM

Researcher [Ph.D.]
Solapur University, Solapur
Mr. Deepak Prakash Gund

Observation Schedule [Check list]

Objectives of the Research
1] To study administrative status of Diploma in Teacher Education Program.
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4] To study the problems of administration, linkages and application of e-governance in Diploma in Teacher Education Program.
5] To suggest remedies for quality e-governance.

General Information
1] Name of the college……………………………………………………………………………….
2] Address:
…………………………………………………………………………………………………….
3] Name of the principal:
4] Email Address:                                            Web Address-
## Observation Schedule [Check List]

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<td>Internet Connection</td>
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<td>3]</td>
<td>INFLIBINET facility</td>
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<td>4]</td>
<td>Fax machine</td>
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<td>5]</td>
<td>Scanner</td>
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<td>6]</td>
<td>Proper electricity</td>
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<td>Register for maintenance</td>
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Any other facility: …………………………………………………………………………………..

Name and Sign