

## **ANNEXURE**

## SCHEDULE

**A. College / Institute details filled by Director/Principal.****Part I: Profile of the college / Institute.**

- 1 Name of College/Institute :
- 2 Year of Establishment :
- 3 Address:
- 4 Area : ☐ Rural ☐ Urban
- 5 Contact Information :
- |         |                      |
|---------|----------------------|
| Tel     | <input type="text"/> |
| Fax     | <input type="text"/> |
| P.O Box | <input type="text"/> |
- 6 Does your institution have website? ☐ Yes ☐ No
- If yes, Specify the URL :
- 7 Which of the following faculties are available in your institution?
- ☐ Arts
- ☐ Commerce
- ☐ Science
- 8 Which of the following Courses are available in your institution?

- ☐ B.Com                      ☐ M Com  
☐ BBA                        ☐ MBA  
☐ BCA                         ☐ MCA  
☐ Not from above list.

Other Specify

9. Total number of Teachers in the Institution :

10. Total number of students in the Institution :

### PART II: Availability of ICT Infrastructure and facilities.

11. Which of the following ICT equipment (or services) does your Institution have?

Sr.No	Continents	Yes	No	Quantity (If Specify)
1	Fax machine.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
2	Desktop Computer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
3	Laptop.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
4	Printer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
5	Interactive White board	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
6	Microphone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
7	Head phone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
8	Video camera.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
9	Web camera.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
10	Plotter	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
11	Digitizer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
12	LCD.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
13	Server Computer	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
14	Network.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>
15	Internet connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="text"/>

12. If you say that the organization has internet connection for question no. 11, give us more information about it?

1. What is the type of Internet connection?

☐ Dial-up

☐ Leased line

☐ Wireless/Satellite

☐ Other (specify)

2. Specify the speed of Internet connection.

Kbps /

3 For what purposes Internet is use in your institution? (Multiple selection)

☐ e-mail/e-fax

☐ Research

☐ Information search (browsing)

☐ Education/Training

☐ Downloading/Uploading

☐ Long-term/distance education

☐ Tele / video/ audio conferencing

☐ Others (Please Specify) \_\_\_\_\_

4. What do you think are the major problems associated with the use of Internet in your institution?

Sr.No	Major problem	Not a problem	Minor problem	Moderate problem	Major problem	Serious problem
1	Long dial-up OR connection time.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

2	Security concerns (relating to loss of data due to virus, uncontrolled access, etc)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Poor quality of connection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	High Internet service charges.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Low capacity of the server/poor state of technology.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Lack of the necessary equipments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Absence of ICT plan.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sr.No	Major problem	Not a problem	Minor problem	Moderate problem	Major problem	Serious problem
8	Administrative problems inherent to your institution	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Shortage of trained manpower.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	No network administrator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

11	Inefficient network administration even when there is a network administrator	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Virus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<b>If other, Specify below.</b>					
13		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

13 If you say that the organization has Desktop Computer for question no 11, give us more information about it?

1. How much functioning desktop computers in the Institution?
2. How much defective desktop computers in the Institution? ( "out of use" or broken desktop computers waiting for repair :

3 From the total number of functioning desktop computers in the Institution, how many are:

1. Classroom standalone
2. Classroom networked
3. Administration standalone
4. Administration networked
5. Teacher standalone
6. Teacher networked
7. Computer Lab. standalone
8. Computer Lab. networked
9. Other

4. Where are computers available for students' use? (Multiple selection)

☐ In each classroom

☐ In subject rooms (Department)

☐ In library

☐ In ICT lab

☐ Elsewhere, specify :

14 If you say that the organization has Network for question no 11, give us more information about it?

1. Number of Connected Computers?

2. Network Configuration/Type?

☐ Client/Server

☐ Peer -to-Peer

3. Network extension Devices?

1) Hubs (qty \_\_\_\_\_)

2) Switches (qty \_\_\_\_\_)

3) Routers (qty \_\_\_\_\_)

4) Modem (qty \_\_\_\_\_)

4. Network Architecture?

☐ Ethernet

☐ ARC Net

☐ Token Ring

☐ Other :

5. Network Operating System?

☐ Windows

☐ NT

☐ XP

☐ Linux

☐ Unix

6. Available security features?

- ☐ Firewall
- ☐ Antivirus
- ☐ XP
- ☐ Linux

15. If you say that the organization has Desktop computers for question no 11, for which purpose do you use computers? (Multiple selection)

- ☐ Teaching/Learning purposes.
- ☐ Internet / extranet / intranet.
- ☐ Administration (Official use)
- ☐ Library administration.
- ☐ Graphics and design (multimedia package)
- ☐ Information handling using CD-ROM
- ☐ Word-processing, spreadsheet , Database, etc.
- ☐ Internet/Email.
- ☐ Others, specify \_\_\_\_\_

16. Does your institution have application software? ☐ Yes ☐ No

If yes, List of Available applications software. \*\*(If required ,please use additional sheet attached at the end of this questionnaire )

Sr.No	Software Name	Licensed	Pirated
1.		<input type="checkbox"/>	<input type="checkbox"/>
2		<input type="checkbox"/>	<input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/>
Sr.No	Software Name	Licensed	Pirated
5.		<input type="checkbox"/>	<input type="checkbox"/>



6.		<input type="checkbox"/>	<input type="checkbox"/>
7.		<input type="checkbox"/>	<input type="checkbox"/>
8.		<input type="checkbox"/>	<input type="checkbox"/>
9		<input type="checkbox"/>	<input type="checkbox"/>
10		<input type="checkbox"/>	<input type="checkbox"/>

17. Does your institution have continues electricity supply?

- ☐ Yes  
☐ No  
☐ Constantly  
☐ Often

18. Does your college or institute have electricity back-up facilities? ☐ Yes ☐ No

If yes, which back-up facilities does your college or institute use?

- ☐ UPS (Inventor)      Power in (Kw)        
☐ Generator      No. of Generator :

- 19 Does your institution have ICT professionals? ☐ Yes ☐ No

If yes , please give the number of ICT professionals by type of specialization

(M: male F: female)	Number of professionals per course.							
Areas of specialization	Certificate		College Diploma		Bachelor Degree		Master Degree	
	M	F	M	F	M	F	M	F
Software Engineer/Programmer								
Network Specialist								
Database Administrator								
Areas of specialization	Certificate		College Diploma		Bachelor Degree		Master Degree	
	M	F	M	F	M	F	M	F
Computer technician								
Lab. assistant								

20. Does your institution have vacancies for ICT professionals? ☐ Yes ☐ No

If yes , please give the number of vacancies for ICT professionals you have

21. Does your institution willing to fill vacancies ☐ Yes ☐ No

22. Is there any financial problem(Extra cost )for filling the vacancies. ☐ Yes ☐ No

**PART III: Allocated cost for ICT implementation.**

23. Total amount allocated for ICT implementation in college / institute under following criteria ,

1. Infrastructure .
2. Maintenance :
3. ICT training :
- 4 ICT professionals recruitment .

**PART IV: Required cost for ICT implementation.**

24 Total ICT physical equipment costs (In Rupees )·

1. Cost of Desktop Computers :
2. Cost of Laptops :
3. Cost of interactive White boards ·
- 4 Cost of Microphone :
- 5 Cost of head phones :
- 6 Cost of LCDs ·
7. Cost Video camera :
8. Cost of Web camera :
9. Other specify \_\_\_\_\_ :

25. Total ICT physical setup costs (In Rupees ):

1. Cabling cost :
2. Switches cost .
3. Router cost :
4. Other :

## 26 Total Network setup costs (In Rupees ):

1. Internet connection cost :
2. Network architecture setup cost   
(LAN,MAN,WAN)
3. Network maintenance cost :
4. Monthly charges of internet access .

## 27. Total software licenses costs (In Rupees ):

1. Application software cost .
2. Antivirus package cost .
3. Other :

## 28. Total ICT support costs (include power supply, Backup and AC used for ICT implementations)

1. Cost required for power supply :
2. Cost required for UPS or generator setups:   
(Used in labs, Class rooms, Departments etc.)
3. Cost required for AC system used in labs .

## 29. Total ICT staff costs (include cost of any temporary staff)

1. ICT Trained teachers :
2. Software engineers / Programmers :
3. Network Specialists :
4. Database Administrators :
5. Computer technicians .
6. Lab. Assistance cost :
7. Other :

**Part IV Training in Curriculum Application of Computers.**

30. Does your institution allocate budget for training to the staff on ICT?
31. Does your Institution provide internal ICT training to the staff?

If yes, Training is provided under following areas (Multiple selection) :

- ☐ Microsoft office / Excel / Power point presentation.
- ☐ Network infrastructure engineering.
- ☐ Operating system.
- ☐ Graphic design.
- ☐ Multimedia
- ☐ Programming.
- ☐ Other Special training on :

32. Which training method does your institution used for ICT training?

Sr.No	Tick one box for each row	Yes	No
1.	Classroom programs – Live training session.	<input type="checkbox"/>	<input type="checkbox"/>
2.	Public Seminars/ Conference	<input type="checkbox"/>	<input type="checkbox"/>
3.	Computer Bases Training via CD-ROM	<input type="checkbox"/>	<input type="checkbox"/>
4.	Online training via Internet / World Wide Web	<input type="checkbox"/>	<input type="checkbox"/>
5.	Video Tapes /Audiocassettes.	<input type="checkbox"/>	<input type="checkbox"/>
6.	Teleconferencing/Video Conferencing	<input type="checkbox"/>	<input type="checkbox"/>
7.	Computer Based Games or Simulations	<input type="checkbox"/>	<input type="checkbox"/>
8.	Visitor expert trainer	<input type="checkbox"/>	<input type="checkbox"/>
9.	Outdoor experimental programs.	<input type="checkbox"/>	<input type="checkbox"/>
10.	Computerized Self-Study Programs	<input type="checkbox"/>	<input type="checkbox"/>

33. In which areas did your institution provide ICT training? (Multiple selection)

- ☐ Basic concept of ICT
- ☐ Using computer.
- ☐ Computer maintenance
- ☐ Word processing.
- ☐ Create Spreadsheet.
- ☐ Create Presentation.
- ☐ Internet browsing /Downloading /Uploading.

#### **Part-V Opinions about ICT on institute management**

34. The use of ICT could contribute to radical change in college or institute management?

☐ Yes ☐ No

35. It could make college or institute more productive?

☐ Yes ☐ No

36. It could increase college or institute admissions?

☐ Yes ☐ No

37. It could improve achievement rates?

☐ Yes ☐ No

38. Do you agree that ICT can have a big contribution to the learning/teaching practice of Your institution?

- ☐ Strongly agree
- ☐ Agree
- ☐ Disagree
- ☐ Strongly Disagree
- ☐ No

#### **Part -VI Social Aspect :**

39. Do you agree that ICT can have a big contribution to the development of the country?

- ☐ Strongly agree  
☐ Agree  
☐ Disagree  
☐ Strongly Disagree  
☐ No

40. Do you agree that ICT should be a vital component of the country's strategic plan?

- ☐ Strongly agree  
☐ Agree  
☐ Disagree  
☐ Strongly Disagree  
☐ No

**Thank you very much for your time in completing this survey.**

**(Continue Q.16 )**

List of Available applications software. \*\*(If required ,please use additional sheet)

S.No	Software Name	Licensed	Pirated
1.		<input type="checkbox"/>	<input type="checkbox"/>
2.		<input type="checkbox"/>	<input type="checkbox"/>
3.		<input type="checkbox"/>	<input type="checkbox"/>
4.		<input type="checkbox"/>	<input type="checkbox"/>
5.		<input type="checkbox"/>	<input type="checkbox"/>
6.		<input type="checkbox"/>	<input type="checkbox"/>
7.		<input type="checkbox"/>	<input type="checkbox"/>
8.		<input type="checkbox"/>	<input type="checkbox"/>
9.		<input type="checkbox"/>	<input type="checkbox"/>
10.		<input type="checkbox"/>	<input type="checkbox"/>

***B. Details filled by Teacher*****Part-I Background Information**

1. This question is for survey use only

Name

College / Institute

Designation

2. Gender ☐ Male ☐ Female

3. Please Tick your age range:

- ☐ 20-29 years.  
☐ 30-39 years.  
☐ 40-49 years.  
☐ 50-59 years  
☐ 60-65 years.

4. Have you a masters degree? ☐ Yes ☐ No

Name of the Qualification(degree).

5. Have you completed any course or training in the area of ICT? ☐ Yes ☐ No

Name of the Qualification(course):

6. Have you ever attended any IT courses? ☐ Yes ☐ No

If yes, How many courses have you attended.

7. When you were student how often did you use computer in your studies and learning practices?

- ☐ Constantly  
☐ Often



- ☐ Sometimes  
☐ Rarely  
☐ Never

8 Please indicate which class level you teach:

- ☐ Higher secondary  
☐ UG  
☐ PG

9 Please tick the number of years you are teaching:

- |                                       |  |
|---------------------------------------|--|
| <input type="checkbox"/> 0-5 years    | <input type="checkbox"/> 16-20 years.        |
| <input type="checkbox"/> 6-10 years.  | <input type="checkbox"/> 21-25 years.        |
| <input type="checkbox"/> 11-15 years. | <input type="checkbox"/> More than 25 years. |

10 Do you have personal computer or laptop at home?

- ☐ PC  
☐ Laptop  
☐ None

11 Do you have a personal email account? ☐ Yes ☐ No

12. How frequently do you use email account?

- ☐ Daily  
☐ Almost daily  
☐ weekly  
☐ Monthly  
☐ rarely  
☐ None

13. Do you use computer and internet for lesson preparation? ☐ Yes ☐ No

14. Do you feel difficulties to use in computer and internet for lesson preparation? ☐ Yes ☐ No

If yes, Do you require training for lesson preparation? ☐ Yes ☐ No

15. Does your college or institute provide ICT training to you? ☐ Yes ☐ No

If yes, Select one.

- ☐ Constantly  
☐ Often  
☐ Sometimes  
☐ Rarely  
☐ Never

16. Which areas did you learn through the ICT training you received?(Multiple selection)

- ☐ Basic concept of ICT.  
☐ Using computer.  
☐ Computer maintenance.  
☐ Word processing.  
☐ Create Spreadsheet.  
☐ Create Presentation.  
☐ Internet browsing /Downloading /Uploading.

17. Which training methods does your college or institute used for getting ICT training?

Sr.No	Tick one box for each row	A lot	Some Time	A Little	Never
1.	Classroom programs – Live training session	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Public Seminars/ Conference.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Computer Bases Training via CD-ROM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4.	Online training via Internet / World Wide Web	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Video Tapes /Audiocassettes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Teleconferencing/Video Conferencing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Computer Based Games or Simulations.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Visitor expert trainer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Outdoor experimental programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Computerized Self-Study Programs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

18. Does your college or institute motivate to you for getting ICT training? ☐ Yes ☐ No

If yes, Select one.

- ☐ Constantly  
☐ Often  
☐ Sometimes  
☐ Rarely  
☐ Never

### Part -III Technical Support

- 19 Do you use computer and internet for lesson delivery ☐ Yes ☐ No
20. Does your college or institute provide laptop/computer for use in teaching? ☐ Yes ☐ No
21. Does your college or institute provide internet facility to you? ☐ Yes ☐ No

If yes, for which purpose do you use the internet?(Multiple selection)

- ☐ Chatting.  
☐ Social networking.  
☐ Email.  
☐ Browse / search the internet to collect learning material.  
☐ Use applications to prepare presentations for lessons.  
☐ Create your own digital learning materials for students.

- ☐ Prepare exercises and tasks for students.
- ☐ Download/upload/browse material from the educational websites.
- ☐ Communicate online with parents.
- ☐ Look for online professional development opportunities.

22 Does your college or institute have ICT classroom? ☐ Yes ☐ No

23 Does your college or institute have computer lab? ☐ Yes ☐ No

24 The student in your class use computer lab for learning practices?

- ☐ Constantly
- ☐ Often
- ☐ Sometimes
- ☐ Rarely
- ☐ Never

25. Rather than Lab. Where are computers available for students' use?(Multiple selection)

- ☐ In each classroom
- ☐ In subject rooms (Department)
- ☐ In library
- ☐ In ICT lab
- ☐ Elsewhere, specify

26 Does your college or institute have continuous electricity supply?

- ☐ Yes
- ☐ No
- ☐ Constantly
- ☐ Often

27. Does your college or institute have electricity back-up facilities? ☐ Yes ☐ No

28. Does your institution have ICT professionals? ☐ Yes ☐ No

#### Part- IV Teachers Opinions about ICT on teaching.

29. Do you see benefits in using ICT in teaching? ☐ Yes ☐ No

If yes, What are teaching feature when teaching the target class? \*\*(with or without ICT)

**I Teaching Feature With ICT**

Sr. No	Tick one box for each row	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
		(5)	(4)	(3)	(2)	(1)
1	Teachers try harder in what they are teaching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Improves the students' engagement in class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Improve communication between student and teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Change classroom teaching towards more students centric.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Helps to online assessment.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Support for "Any time" and "Any where "learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Support for collaborative learning (Video conferencing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Reduce teaching time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**II. Teaching Feature Without ICT**

Sr No	Tick one box for each row	Strongly Agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
		(5)	(4)	(3)	(2)	(1)
1.	Teachers try harder in what they are teaching.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Improves the students' engagement in class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Improve communication between student and teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Change classroom teaching towards more students centric.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Helps to online assessment	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Support for "Any time" and "Any where "learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

7.	Support for collaborative learning (Video conferencing)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Reduce teaching time	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

### Part-V Teachers Opinions about ICT on student learning.

30. Do you see benefits of students in using ICT in learning practices? ☐ Yes ☐ No

31. What are learning feature when teaching the target class? \*\*(with or without ICT)

#### I. Learning Feature With ICT

Sr.No	Tick one box for each row	Strongl y agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
		(5)	(4)	(3)	(2)	(1)
1.	Students concentrate more on their learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Students try harder in what they are learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Students understand more easily what they learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Students remember more easily what they learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Improves the class climate (students more engaged).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	Students work independently at their own speed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Students work in groups.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Students work on exercises or tasks individually	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Students give presentations to the whole class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Students reflect on their learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Students discuss ideas with other students and the teacher.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Could facilitate student to access learning material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

#### II. Learning Feature Without ICT

Sr.No	Tick one box for each row	Strongl y agree	Agree	Neither Agree nor Disagree	Disagree	Strongly Disagree
		(5)	(4)	(3)	(2)	(1)
1.	Students concentrate more on their learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Students try harder in what they are learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Students understand more easily what they learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Students remember more easily what they learn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Improves the class climate (students more engaged).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Students work independently at their own speed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Students work in groups.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Students work on exercises or tasks individually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Students give presentations to the whole class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Students reflect on their learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Students discuss ideas with other students and the teacher.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Could facilitate student to access learning material.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

32. What expectations do you have toward ICT education? (Multiple selection)

- ☐ To help students to pursue their future career.
- ☐ To increase student's social interest
- ☐ To enhance student's knowledge.
- ☐ To enhance students with their communication ability.
- ☐ To help students to survive in modern society.
- ☐ To increase student's thinking power

#### Part-VI Opinions about ICT on institute management

- 33 The use of ICT could contribute to radical change in college or institute management?  
☐ Yes ☐ No
34. It could make college or institute more productive? ☐ Yes ☐ No
35. It could increase college or institute admissions? ☐ Yes ☐ No
- 36 It could improve achievement rates? ☐ Yes ☐ No
- 37 Do you agree that ICT can have a big contribution to the learning/teaching practice of Your institution?  
☐ Strongly agree  
☐ Agree  
☐ Disagree  
☐ Strongly Disagree  
☐ No

**Part -VII Societal Aspect :**

- 38 Do you agree that ICT can have a big contribution to the development of the country?  
☐ Strongly agree  
☐ Agree  
☐ Disagree  
☐ Strongly Disagree  
☐ No
- 39 Do you agree that ICT should be a vital component of the country's strategic plan?  
☐ Strongly agree  
☐ Agree  
☐ Disagree  
☐ Strongly Disagree  
☐ No

**Thank you very much for your time in completing this survey..**



***C. Details filled by Student.*****Part-I Background Information**

1. This question is for survey use only

Name :

College /  
Institute :

University :

2. Gender : ☐ Male ☐ Female

3. Please Tick your age range:

- ☐ 11-15 years.  
☐ 16-20 years.  
☐ 21-25 years.  
☐ 26-30 years.

4. Please indicate which class you are studying:

- ☐ Higher secondary  
☐ UG  
☐ PG

Name of the Qualification (Course)

5. Have you completed any course in the area of ☐ Yes ☐ No ICT?

Name of the Course ( MSC-IT / Animation / Basics of Computer etc.) :

6. Have you ever attended any IT courses Or seminar? ☐ Yes ☐ No

If yes, How many courses and seminar have you attended:

- 7 Do you have personal computer or laptop at home?
- ☐ PC
- ☐ Laptop
- ☐ None
8. Do you have a personal email account? ☐ Yes ☐ No
- 9 How frequently do you use internet and email?
- ☐ Daily
- ☐ weekly
- ☐ Monthly
- ☐ rarely
- ☐ None
10. Does your college or institute provide internet facility to you? ☐ Yes ☐ No
- If yes, for which purpose do you use the internet?(Multiple selection)
- ☐ Chatting
- ☐ Social networking.
- ☐ Email.
- ☐ Browse / search the internet to collect learning material.
- ☐ Use applications to prepare presentations for lessons.
- ☐ Create your own digital learning materials.
- ☐ Download/browse material from the educational websites.
- ☐ Downloading movies and songs.
- ☐ Online shopping.
- ☐ Online ticket booking
- ☐ Playing games/Downloading games.

If yes for Q.10 How many hours do you use internet?

- ☐ Less than 1 hr.

- ☐ 1 To 2 hr.  
☐ 2 To 3 hr.  
☐ 3 To 4 hr.  
☐ More than 4 hr and above.

11. Does your college or institute have ICT classroom? ☐ Yes ☐ No

12. Does your college or institute have computer lab? ☐ Yes ☐ No

If yes ,

1. Numbers of hours assign for ICT Lab. In a week:

2. One computer is assigned for .

- ☐ One student.  
☐ Two students.  
☐ More than two students.

13. Do you use computer lab for learning practices?

- ☐ Constantly  
☐ Often  
☐ Sometimes  
☐ Rarely  
☐ Never

14. Rather than Lab. Where are computers available for use?(Multiple selection)

- ☐ In each classroom  
☐ In subject rooms (Department)  
☐ In library  
☐ In ICT lab  
☐ Elsewhere, specify

15. Does your teacher use ICT for teaching?

- ☐ Constantly  
☐ Often  
☐ Sometimes  
☐ Rarely  
☐ Never

16. Which ICT teaching methods does your institution/ teachers used for teaching?

Sr.No	Tick one box for each row	None	A Little	Some Time	A lot
1.	Classroom interactive whiteboard teaching session.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Computer Bases Teaching via CD-ROM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Online Teaching via Internet / World Wide Web.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Video Tapes /Audiocassettes.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Teleconferencing/Video Conferencing.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Computer Based Games or Simulations	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Visitor expert teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

17. In classroom study, Do you enjoy?

Sr.No	Tick one box for each row	None (1)	A Little (2)	Some Time (3)	A lot (4)
1.	Traditional (Blackboard) teaching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	ICT interactive teaching	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Part-II Opinions about ICT on learning.

18. Do you see benefits of using ICT in learning practices? ☐ Yes ☐ No  
 19. Do you think that ICT reduce the learning time? ☐ Yes ☐ No

Sr.No	Tick one box for each row	Strongly Disagree	Disagree	Neither Disagree nor Agree	Agree	Strongly Agree
		(1)	(2)	(3)	(4)	(5)
1.	Understand more easily what you learned.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Remember more easily what you learned.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Access learning material from anywhere and anytime.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

20 What are learning feature when learning in the class? \*\*(with or without ICT)

I. Learning Features With ICT

Sr.No	Tick one box for each row	Strongly Disagree	Disagree	Neither Disagree nor Agree	Agree	Strongly Agree
		(1)	(2)	(3)	(3)	(4)
1.	Concentrate more on learning.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	Try harder in subject.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Improves the class climate. (Improve interest of learning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Work independently at your own speed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Work in groups more efficiently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Work on exercises or tasks individually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Give presentations to the whole class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Decrease communication gap with teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Discuss ideas with other students and the teacher.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10.	Improve technical ability.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Improve recalling power.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Improve visual memory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## II. Learning Features Without ICT

Sr.No	Tick one box for each row	Strongly Disagree	Disagree	Neither Disagree nor Agree	Agree	Strongly Agree
		(1)	(2)	(3)	(3)	(4)
1.	Concentrate more on learning	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Try harder in subject.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Improves the class climate. (Improve interest of learning)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Work independently at your own speed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	Work in groups more efficiently	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Work on exercises or tasks individually.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Give presentations to the whole class.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Decrease communication gap with teachers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9.	Discuss ideas with other students and the teacher.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Improve technical ability.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11.	Improve recalling power	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12.	Improve visual memory	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

21. Which area did you learn through the ICT?(Multiple selection)

- ☐ Using Computer.
- ☐ Computer maintenance.
- ☐ Word Processing.
- ☐ Create Spreadsheet
- ☐ Create Presentation
- ☐ Programming

☐

Internet browsing / Downloading / Uploading

**Thank you very much for your time in completing this survey.**