**QUESTIONNAIRE**

**DQ-CMR Best Technical School Survey 2022—Digital Infrastructure**

Dataquest, the oldest and leading IT publication of India is conducting a study to understand the digital infrastructure of engineering colleges in the country. The objective is to rank the engineering colleges with the best digital infrastructure in the country. These would be institutes who’re using digital tools to disseminate quality education to its students. We would be grateful if you could spare some time from your busy schedule to answer a few questions. These would help us understand the digital readiness of your own institute as compared to others. The detailed analysis of this study would be published in a forthcoming issue of Dataquest. We assure you complete confidentiality of your responses, as we follow the code of conduct defined by MRSI (Market Research Society of India).

|  |
| --- |
| Name of Institute: |
| Name of Respondent: |
| Designation: |
|  |
| City: | PIN: |  |  |  |  |  |  |
| Fixed Phone: Mobile No.: Email ID: |

**Please note\***

1. The findings of this survey shall be published in a forthcoming issue of Dataquest magazine.
2. Please fill information for **THIS CAMPUS** only for the **2021-22 session.**
3. The scope of this study is limited to technology colleges offering undergraduate courses or any other similar level technical courses. **So, while answering questions related to your college, give your response in context to these courses only.**
4. **Institute must be at least 4 years old and the institute must be recognized by AICTE.**
5. Please ensure that ***all sections*** are duly filled in. Do not leave any question blank. Incomplete questionnaires will **not** qualify for the final rankings.
6. If any question is not applicable for the institute, clearly mention “Not applicable” or “NA” in the space provided.
7. Supporting documents need to be sent along with the filled-up questionnaire.
8. **Each page of the filled in questionnaire should be signed by the Institute’s Director/ Dean with official seal of the institute.**
9. By participating in this survey, the participating institute agrees that it would provide full co-operation and documentary evidence of the data/information provided.

***Please send the soft copy (scanned) of the filled in questionnaire along with supporting documents to below email Id, latest by 31th October, 2022:***

|  |  |
| --- | --- |
| ***Satya Sundar Mohanty******Head, User Research Practice******CMR India Limited*** ***Email id:-*** ***smohanty@cmrindia.com******M. No. 9821690824*** | ***Poonam Saini******Assistant Manager, Research and Consulting******CMR India Limited*** ***Email Id:-*** ***poonam@cmrindia.com******M. No. 9818968906*** |

**PLEASE CIRCLE THE CODES WHEREVER APPLICABLE FOR 2021-22 SESSION**

|  |
| --- |
| **PROFILING**  |

1. Could you please tell me in which year was the institute established? \_\_\_\_\_\_\_\_\_
2. Could you please tell me the status of your institute **SINGLE RESPONSE**

|  |  |  |  |
| --- | --- | --- | --- |
| **Type of Institution** | **Code** | **Type of Institution** | **Code** |
| Autonomous (Govt.) | 1 | Private College (University affiliated) | 4 |
| Autonomous (Private) | 2 | Deemed University | 5 |
| University Department | 3 | Others (Please Specify\_\_\_\_\_\_\_\_\_\_) | 6 |

1. Since which year have you been offering B.E., B.Tech. or similar undergraduate degree-level technical

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** |  |  |  |  |

courses?

**IF B.E., B.TECH. OR SIMILAR UNDERGRADUATE DEGREE-LEVEL TECHNICAL COURSES HAVE BEEN INITIATED POST 2017, YOUR INSTITUTE IS NOT ELEGIBLE FOR PARTICIPATING IN THE SURVEY**

1. What is the total number of students as well as the final year students pursuing B.E. / B-Tech in in your institute for 2021-22 session?

|  |  |
| --- | --- |
|  | **Number** |
| Total number of students pursuing B.E. / B-Tech |  |
| Number of final year students in B.E. / B-Tech |  |

1. What is the total number of faculties that are teaching in your institute currently for B.E. / B.Tech only? Please include the visiting and faculties under contract also. Out of the total faculty teaching in the institute, what is the breakup of permanent faculty, no. of faculty in contract and visiting faculty for B.E. / B.Tech only?

|  |  |  |  |
| --- | --- | --- | --- |
| **Total no. of faculty** | **No. of Permanent faculty** | **No. of faculty in contract** | **No. of Visiting faculty** |
|  |  |  |  |

|  |
| --- |
| **DIGITAL INFRASTRUCTURE**  |

1. What all devices do you provide to your staff / faculty for working?
2. Could you tell me the number of different devices you have?
3. Also let us know the primary vendor for staff / faculty devices

|  |  |  |  |
| --- | --- | --- | --- |
| IT Client Devices | Q6 | Q7 Number of devices in the institute | Q8 Primary Vendor |
| Desktop computer | 1 |  |  |
| Laptop  | 2 |  |  |
| Smartphone  | 3 |  |  |
| Tablet device (e.g. iPad) | 4 |  |  |
| Any other \_\_\_\_\_\_\_\_\_\_\_ | 9 |  |  |
| Don’t provide any device | 98 |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Do you allow your faculty to bring their own device to the institute?
 | Yes | 1 | No | 2 |

|  |
| --- |
| 1. Do you provide PC (desktop / laptop) to your students?
 |

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **SKIP TO Q12** |
| No | 2 | **CONTINUE** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| 1. Do you have any plan to provide PC (desktop / laptop) to your students next year?
 | Yes | 1 | No | 2 |

1. How do you access internet in your institute? Please share primary (mostly used) as well as secondary modes.

|  |  |  |
| --- | --- | --- |
|  | **Primary** | **Secondary** |
| Dial-up connection | 1 | 1 |
| ADSL connection | 2 | 2 |
| Leased line | 3 | 3 |
| Wireless | 4 | 4 |
| Mobile devices | 5 | 5 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 9 | 9 |

1. Where do you have access to broadband Internet? **MULTIPLE RESPONSES POSSIBLE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Classrooms | 1 | Library | 2 | Hostels | 3 |
| Faculty rooms | 4 | Seminar halls | 5 | Laboratories | 6 |
| Reception lounge | 7 | Students’ common rooms | 8 | Open areas | 9 |
| GYM  | 10 | Indoor sports hall | 11 | Any other \_\_\_\_\_\_\_\_\_\_\_ | 99 |

1. What is the maximum number of students who can access the live lecture at a time? **\_\_\_\_\_\_\_\_\_\_**
2. Is your campus Wi-Fi Enabled? If yes, please let us know the name of primary vendor.

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **Name of the primary vendor \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| No | 2 |  |

1. Do you have e-Classroom facilities (e.g. computers, projection systems, lecture capture systems, SMART boards) in your institute? If yes, how many e-class rooms do you have?

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **Number \_\_\_\_\_\_\_\_\_\_\_\_** |
| No | 2 |  |

1. Please let us know what kind of labs do you have? Also let us know the number of systems in each lab? **PLEASE PROVIDE SUPPORTIVE DOCUMENTS FOR THE SAME**

|  |  |
| --- | --- |
| Type of lab | Number of systems |
|  |  |
|  |  |
|  |  |

1. What’s the implementation status of following technologies / services in the campus? **SINGLE RESPONSE FOR EACH**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Technologies**  | **Already deployed** | **Done pilot** | **Planning to deploy this year** | **Not planning to deploy** |
| Public Cloud (SaaS) | 1 | 2 | 3 | 4 |
| Private Cloud | 1 | 2 | 3 | 4 |
| Hybrid Cloud | 1 | 2 | 3 | 4 |
| Platform as a Service (PaaS) | 1 | 2 | 3 | 4 |
| Hardware/Infrastructure as a Service (HaaS / IaaS)  | 1 | 2 | 3 | 4 |
| Artificial Intelligence | 1 | 2 | 3 | 4 |
| RPA | 1 | 2 | 3 | 4 |
| Blockchain | 1 | 2 | 3 | 4 |
| IoT / IIoT | 1 | 2 | 3 | 4 |
| Remote Collaboration | 1 | 2 | 3 | 4 |
| AR / VR | 1 | 2 | 3 | 4 |
| 3D Printing | 1 | 2 | 3 | 4 |
| CAD / CAM | 1 | 2 | 3 | 4 |

1. Do you have following software in your organization?

|  |  |  |
| --- | --- | --- |
|  | **Yes** | **No** |
| Data visualization software | 1 | 2 |
| Citation / reference management software | 1 | 2 |
| Plagiarism detection software | 1 | 2 |

|  |
| --- |
| **TEACHING METHODOLOGY**  |

1. Do you integrate the following technologies in teaching and learning? Please let us know primary vendor of each technology wherever applicable.

|  |  |  |
| --- | --- | --- |
| Technologies | Code | Primary Vendor |
| eBooks / eTextbooks | 1 |  |
| Learning Management System (e.g. Moodle) | 2 |  |
| ePortfolio | 3 |  |
| Online video / audio | 4 |  |
| Educational games / simulations | 5 |  |
| Lecture capture tools | 6 |  |
| Accessible tools (for people with disabilities) | 7 |  |
| Social media (blogs, wikis, etc.) | 8 |  |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 9 |  |

1. Please indicate how often do your faculties use the following digital resources / platforms in their teaching. **SINGLE RESPONSE FOR EACH**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Always** | **Often** | **Sometimes** | **Rarely** | **Never** |
| Images (pictures, photographs, including from the Web) | 5 | 4 | 3 | 2 | 1 |
| Presentations (e.g. PowerPoint, including from online sources) | 5 | 4 | 3 | 2 | 1 |
| Word file (activity sheets/handouts/notes) | 5 | 4 | 3 | 2 | 1 |
| Digital films / video (e.g. from YouTube) | 5 | 4 | 3 | 2 | 1 |
| Audio recordings | 5 | 4 | 3 | 2 | 1 |
| Simulations and 2D/3D animation | 5 | 4 | 3 | 2 | 1 |
| Learning Management System | 5 | 4 | 3 | 2 | 1 |
| Blogs | 5 | 4 | 3 | 2 | 1 |
| Social bookmarking | 5 | 4 | 3 | 2 | 1 |
| Microblogging (Twitter, Facebook, etc.) | 5 | 4 | 3 | 2 | 1 |
| Open textbooks | 5 | 4 | 3 | 2 | 1 |
| Open access research papers | 5 | 4 | 3 | 2 | 1 |

1. How often do your faculties use the following OER (open educational resources) platforms for their teaching and learning? **SINGLE RESPONSE FOR EACH**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **OER Platforms / Sources** | **Always** | **Often** | **Sometimes** | **Rarely** | **Never** |
| Study Webs of Active-learning for Young Aspiring Minds (SWAYAM) | 5 | 4 | 3 | 2 | 1 |
| e-PG Pathshala | 5 | 4 | 3 | 2 | 1 |
| CEC (Under graduate) WikiEducator | 5 | 4 | 3 | 2 | 1 |
| The Spoken Tutorial | 5 | 4 | 3 | 2 | 1 |
| Virtual labs | 5 | 4 | 3 | 2 | 1 |
| National Programme on Technology Enhanced Learning (NPTEL), India | 5 | 4 | 3 | 2 | 1 |
| Free and Open Source Software in Education (FOSSEE) | 5 | 4 | 3 | 2 | 1 |
| Shodhganga | 5 | 4 | 3 | 2 | 1 |
| VIDWAN | 5 | 4 | 3 | 2 | 1 |
| Talk to Teacher | 5 | 4 | 3 | 2 | 1 |
| E-Yantra | 5 | 4 | 3 | 2 | 1 |
| Quantum & Nano Computing | 5 | 4 | 3 | 2 | 1 |
| MERLOT | 5 | 4 | 3 | 2 | 1 |
| ERP Mission | 5 | 4 | 3 | 2 | 1 |
| ISLERS | 5 | 4 | 3 | 2 | 1 |
| Oscar++ | 5 | 4 | 3 | 2 | 1 |
| E-Kalpa | 5 | 4 | 3 | 2 | 1 |
| Pedagogy Project | 5 | 4 | 3 | 2 | 1 |
| Echarya | 5 | 4 | 3 | 2 | 1 |
| National Digital Library of India (NDL) | 5 | 4 | 3 | 2 | 1 |
| AICTE Online Courses | 5 | 4 | 3 | 2 | 1 |
| Any other OER \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 5 | 4 | 3 | 2 | 1 |
| Don’t use any OER platform | 98 |

1. What all software do you use to enhance student’s learning?

|  |  |
| --- | --- |
| MATLAB | 1 |
| GIS applications | 2 |
| SAS / SPSS | 3 |
| R / Python | 4 |
| Graphics software | 5 |
| Textual or image analysis program | 6 |
| Machine Learning / AI | 7 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 9 |
| Don’t use any software | 98 |

1. Does your library provide access to subscription-based e-resources? **MULTIPLE RESPONSES POSSIBLE**

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **CONTINUE** |
| No | 2 | **SKIP TO Q26** |

1. If yes, which kind of library resources do you have for teaching and learning? **MULTIPLE RESPONSES POSSIBLE**

|  |  |
| --- | --- |
| **Digital library resources** | **Code** |
| e-Journals | 1 |
| e-Books | 2 |
| Citation databases | 3 |
| Bibliographic databases | 4 |
| e-Newspapers | 5 |
| e-Theses and Dissertations | 6 |
| Patent databases | 7 |
| e-Proceedings of conferences | 8 |
| Statistical databases | 9 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |

1. Do you use following Web-conference solutions? Also let us know the name of the primary vendor of those solutions.

| **Solutions** | **Code** | **Primary Vendor** |
| --- | --- | --- |
| Voice or video conferencing (e.g., Skype, Zoom, Team, ) | 1 |  |
| Online collaboration tools (e.g. Adobe Connect, Google Docs) | 2 |  |
| Screen sharing (a meeting product, not screen capture) | 3 |  |
| Text chat | 4 |  |
| Interactive whiteboards that allow students in remote locations to simultaneously view and / or interact with someone else’s drawings on screen. | 5 |  |
| Document exchange | 6 |  |
| Support for math/stat/ontology symbol character fonts | 7 |  |
| Polling or tallying student votes to instructor questions | 8 |  |
| Real-time communication among participants (eg., Skype, Live Classroom, WebX, Adobe Connect -- NOT Chat or IM) | 9 |  |
| Multicast communications from one sender to many receivers | 10 |  |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |  |

SOCIAL MEDIA

1. Does your institute have a profile / account on a social media platform(s)?

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **CONTINUE** |
| No | 2 | **SKIP TO Q31** |

1. Which social media platforms is your institute active in? In case of multiple media, please let us know the primary usage (which use most).

|  |  |  |
| --- | --- | --- |
| **Social Media** | **Code** | **Primary Usage** |
| Facebook | 1 | 1 |
| LinkedIn | 2 | 2 |
| Twitter | 3 | 3 |
| Google+ | 4 | 4 |
| Slideshare or similar presentation platform | 5 | 5 |
| Social bookmarking sites (Delicious, ScoopIt, Pinterest, etc.) | 6 | 6 |
| Research sharing sites (Academia.edu, ResearchGate.net etc.) | 7 | 7 |
| Photo sharing (Instagram/Flickr/ Picasaweb, etc.) | 8 | 8 |
| Blog (using Blogger or Wordpress or within institutional website/CMS) | 9 | 9 |
| Goodreads.com (for connecting with authors and readers) or similar | 10 | 10 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 | 99 |

1. How frequently do you update your social media status? **SINGLE RESPONSE**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Several times a day | 1 | Once a day | 2 | Once a week | 3 |
| Once a fortnight | 4 | Not very frequently | 5 | Not at all | 6 |

1. What all purposes do you use social media for?Also let us know the primary purpose.

|  |  |  |
| --- | --- | --- |
| **Purposes** | **Code** | **Primary Usage** |
| Broadcast updates and alerts | 1 | 1 |
| Stream live lectures | 2 | 2 |
| Host discussions | 3 | 3 |
| Class message board  | 4 | 4 |
| Digital story telling | 5 | 5 |
| Student acquisition | 6 | 6 |
| Result declaration | 7 | 7 |
| Blog writing by students | 8 | 8 |
| Overall digital marketing of institutes | 9 | 9 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 | 99 |

DIGITAL ENVIRONMENT

1. What kind of policies do you have in place? **PLEASE SHARE THE SUPPORTING DOCUMENTS ALONG WITH THE FORM**

|  |  |
| --- | --- |
| Policy for ICT use in teaching and learning  | 1 |
| Strategy for Technology-Enabled Learning  | 2 |
| ICT policy covering what technologies to use and not use for teaching and learning | 3 |
| Policy on dealing with plagiarism  | 4 |
| Policy for the use of open educational resources  | 5 |
| System for use of open source software  | 6 |
| A workflow and escalation procedure for repair and maintenance of ICTs | 7 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 9 |

1. Do you use following online services or features? Also let us name of primary vendors wherever applicable.

|  |  |  |
| --- | --- | --- |
|  | **Code** | **Vendor** |
| Email services for faculty (institutional)  | 1 |  |
| Email services for students (institutional) | 2 |  |
| Export of recorded sessions to open-systems exchange media (e.g., posting recorded lectures and posting them to Blackboard) | 3 |  |
| Online class discussions | 4 |  |
| E-mail to, from, between students | 5 |  |
| Electronic grade books for assignments, tests, and other graded aspects of the course | 6 |  |
| Homework assignment and submission | 7 |  |
| Online testing | 8 |  |
| Secure online testing software with anti-cheating security tools | 9 |  |
| Student group tools such as discussions, file exchange, email, wikis, blogs, etc. | 10 |  |
| Class calendars and scheduling | 11 |  |
| Upload documents and make available to students | 12 |  |
| Link to electronic course reserves | 13 |  |
| Link to external web pages | 14 |  |
| Convenient access to course materials for instructor and students (e.g., syllabus, outlines, notes, presentations, etc.) | 15 |  |
| A multimedia asset management (MAM) system | 16 |  |
| Software / hardware that enables storage, annotation, cataloguing, retrieval and distribution of digital assets, such as audio and video streaming | 17 |  |
| Access to data storage | 18 |  |
| Institutional repository for sharing of research | 19 |  |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |  |

1. Do you have any mobile Apps for academic activities for students and for their parents to keep track of their kids’ progress ?

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **CONTINUE** |
| No | 2 | **SKIP TO Q35** |

1. Please share the details of mobile Apps used?

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

1. Does your university / institution provide regular training on the use of new technologies for teaching and learning?

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **CONTINUE** |
| No | 2 | **SKIP TO Q37** |

1. How many trainings you would have done on IT usage during last year (2020-21)?

|  |  |  |
| --- | --- | --- |
|  | **Number of trainings**  | **Number of days of trainings**  |
| Faculty |  |  |
| Students |  |  |

1. What kind of digital certifications (such as Cisco networking course, Microsoft certifications…) have your faculty achieved? **IF THERE ARE MORE CERTIFICATIONS, PLEASE ATTACH A SEPARATE SHEET DESCRIBING ALL CERTIFICATIONS,** **PLEASE SHARE SUPPORTING DOCUMENTS FOR THE SAME**

|  |  |
| --- | --- |
| **Name of certifications** | **Number of faculty** |
|  |  |
|  |  |
|  |  |
|  |  |
|  |  |

1. How much is your IT budget of the current financial year 2022-23. **SINGLE RESPONSE**
2. How much has it increased / decreased compared to last year 2021-22? Please let us know the reasons in case IT spend has decreased.

|  |  |  |
| --- | --- | --- |
|  | **2022-23** | **Comparing last year** |
| Less than 50 Lac | 1 | **Trend** | **%** |  |
| 50 lac – 1 Crore | 2 | Increased | \_\_\_\_\_\_ |  |
| 1 – 5 Crores | 3 | Decreased | \_\_\_\_\_\_ | **Reasons \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| 5 – 10 Crores | 4 | Remained same |  |  |
| 10 – 50 Crores | 5 |  |  |  |
| 50 – 100 Crores | 6 |  |  |  |
| Above 100 Crores | 7 |  |  |  |

1. Which of the following will be your key focus areas in the coming financial year? **MULTIPLE RESPONSES POSSIBLE**

|  |  |
| --- | --- |
| Infrastructure Updates and Upgrades | 1 |
| Application Modernization | 2 |
| Reducing Cost of IT | 3 |
| Security Compliance | 4 |
| Infrastructure Consolidation / Integration | 5 |
| Leverage Digital Technologies for next level of Digital Transformation | 6 |
| Experiment with emerging technologies | 7 |
| Business Continuity Planning | 8 |
| Training and reskilling faculty and students | 9 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |

1. What factors do you consider while selecting any IT vendor? **MULTIPLE RESPONSES POSSIBLE**

|  |  |
| --- | --- |
| Vendor brand / reputation | 1 |
| Competing price | 2 |
| Support & service | 3 |
| Maintenance cost | 4 |
| Value for money | 5 |
| One stop solution- Provide end to end solutions | 6 |
| Product functionality / quality / reliability | 7 |
| RoI | 8 |
| SLA | 9 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |

1. What challenges do you face in your IT deployment? **MULTIPLE RESPONSES POSSIBLE**

|  |  |
| --- | --- |
| High cost of deployment | 1 |
| Running cost is too high | 2 |
| Resistance to change among staff | 3 |
| Lack of interest from management on ICT | 4 |
| Justifying RoI is difficult | 5 |
| Lack of support from vendor community | 6 |
| Collaborating with remote students | 7 |
| Inadequate technical know-how | 8 |
| Security concern | 9 |
| Customized solutions not available | 10 |
| Any other \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | 99 |

1. What has been the impact of COVID 19 Pandemic on your investment in IT? **MULTIPLE RESPONSES POSSIBLE**

|  |  |
| --- | --- |
| It has increased significantly | 1 |
| It has increased marginally | 2 |
| No impact  | 3 |
| It has decreased marginally | 4 |
| It has decreased significantly | 5 |

PERCEPTION ON ICT

1. I would like to know your perception of ICT integration in teaching. Please let us know how much do you agree with following statements? mark

| **Items** | **Strongly agree** | **Agree** | **Neutral** | **Disagree** | **Strongly disagree** |
| --- | --- | --- | --- | --- | --- |
| Your teachers find it easier to teach by using ICT | 5 | 4 | 3 | 2 | 1 |
| Your teachers are aware of the great opportunities that ICT offers for effective teaching. | 5 | 4 | 3 | 2 | 1 |
| ICT supported teaching makes learning more effective. | 5 | 4 | 3 | 2 | 1 |
| ICT helps teachers to improve teaching with more updated materials. | 5 | 4 | 3 | 2 | 1 |
| Use of ICT improves the quality of teaching. | 5 | 4 | 3 | 2 | 1 |
| The use of ICT enables the students’ to be more active and engaging in the lesson. | 5 | 4 | 3 | 2 | 1 |
| The teachers get more time to cater to students’ need if ICT is used in teaching. | 5 | 4 | 3 | 2 | 1 |
| We can still have an effective teaching without the use of ICT. | 5 | 4 | 3 | 2 | 1 |
| The use of ICT in teaching is a waste of time. | 5 | 4 | 3 | 2 | 1 |
| Your students learn best without the help of ICT. | 5 | 4 | 3 | 2 | 1 |
| The classroom management is out of control due to the usage of ICT | 5 | 4 | 3 | 2 | 1 |
| Students pay less attention when ICT is used in teaching. | 5 | 4 | 3 | 2 | 1 |
| Students make no effort for their lesson if ICT is used in teaching. | 5 | 4 | 3 | 2 | 1 |

INSTITUTIONAL AID

1. Do you have any corporate sponsored technology lab / CoE (Centre of excellence) at your institute? How many do you have?

|  |  |  |
| --- | --- | --- |
| Yes | 1 | **Number \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_** |
| No | 2 |  |

1. Please share name of the vendor and details about the lab? **PLEASE PROVIDE SUPPORTING DOCUMENTS FOR THE SAME**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

DECLARATION: MUST BE SIGNED BY THE DIRECTOR/ DEAN OF THE INSTITUTE

I hereby confirm that the information provided in this questionnaire are true and correct to the best of my

Knowledge and belief at the time of submitting this questionnaire.

Signature: Seal/ Stamp:

Name: Designation:

Date: Place: