India's Preparedness for Online Education

1 Name of the Institution:

_____

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2 Contact Number(Mobile):

_____

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3 Email id:

_____

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4 Source of Funding

◯ Private (Self Financing) (1)

◯ Government (2)

◯ Private but partially aided by Government (3)

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5 Status

○ Institution of National Importance (1)

○ Autonomous College (7)

○ College (8)

○ Any other (9)

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6 Student Enrolment in College if the respondent to the survey is a college.

○ a. More than 20,000 (1)

○ b. Between 10,000 to 20,000 (2)

○ c. Between 2,000 to 10,000 (3)

○ d. 1000-2000 (4)

○ e. 500-1000 (5)

○ f. Less than 500 (6)

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7 Faculties:

○ a. Single Faculty (1)

○ b. 2 to 3 Faculties (2)

○ c. 4 to 5 Faculties (3)

○ d. Multi Faculty (>5 faculties) (4)

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8 Teachers in position:

    ○ a. More than 300 (1)

    ○ b. 200-300 (2)

    ○ c. 100-200 (3)

    ○ d. 50-100 (4)

    ○ e. Less than 50 (5)

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9 Is your Institution equipped with smart classrooms?

    ○ a. Fully (1)

    ○ b. Partially, More than 50% classrooms (2)

    ○ c. Partially less than 50% classrooms (3)

    ○ d. Not at all (4)

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10 Are your smart classrooms equipped with following (Multiple Response allowed)

    ☐ a. Interactive whiteboards (1)

    ☐ b. Projectors (2)

    ☐ c. Interactive LED/LCD panels (3)

    ☐ d. Digital Podium (4)

    ☐ e. Speakers & Wireless Microphones (5)

﹡

11 If the institution is not completely equipped with smart classrooms, the reasons are:

☐ a. Lack of financial resources (1)

☐ b. Leadership does not feel the need (2)

☐ c. Adequate technically trained human resources not available (3)

☐ d. It is functioning well without technology (4)

☐ None of the above (5)

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12 Which of the Institute's Functions are automated (Multiple Response allowed)

☐ a. University Admissions (1)

☐ b. University Administration (2)

☐ c. University Examinations (3)

☐ d. University Finance (4)

☐ None of the above (5)

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13 What in your opinion should be the mode of examination in view of COVID-19 pandemic?

    ◯ a. Physical examination after university reopens (1)

    ◯ b. Online proctored examination (2)

    ◯ c. Assessment based on past performance (3)

    ◯ d. Continuous assessment throughout the year/semester (4)

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14 Is the institution engaging the students online

    ◯ a. Substantially (more than 70% students) (1)

    ◯ b. Some what (30% to 70% students) (2)

    ◯ c. Marginally (10% to 30% students) (3)

    ◯ d. Not at all (4)

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15 Percentage of Faculty who have undergone training programs specifically on online learning?

    ◯ a.   Less than 10% (1)

    ◯ b.   10-30% (2)

    ◯ c.   30-50% (3)

    ◯ d.   50-70% (4)

    ◯ e. More than 70% (5)

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16 Does the Institute feel that a central agency should organize training programs for capacity building of faculty for online teaching?

   ○ a. Yes, would be appreciated (1)

   ○ b. Can be (2)

   ○ c. Not required (3)

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17 Do you consider online learning as an alternative to face-to-face learning?

   ○ a. Yes, online is better than face to face (1)

   ○ b. No, face to face is better (2)

   ○ c. A blended approach (with online more than face to face) (3)

   ○ d. A blended approach (with face to face more than online) (4)

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18 Does your Institute provide online value-added services such as internships and live projects along with online education?

   ○ a. Yes (1)

   ○ b. Partially (2)

   ○ c. No (3)

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19 What is the bandwidth of internet connection in the Institute?

○ a. More than 1 GBPS (1)

○ b. 100 MBPS to 1 GBPS (2)

○ c. 10 MBPS to 100 MBPS (3)

○ d. Less than 10 MBPS (4)

○ e. No Internet connectivity (5)

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20 Does your Institute have wifi connections available in following locations? (Multiple options can be ticked)

☐ a. Classroom (1)

☐ b. Hostels (2)

☐ c. Library (3)

☐ d. Common Room and open spaces (4)

☐ e. Academic block (5)

☐ f. Administrative Block (6)

☐ g. Labs (7)

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21 Are your faculty considering following MOOCs platforms for online learning? (Multiple options can be ticked)

- ☐ a. Coursera (1)

- ☐ b. edX (2)

- ☐ c. Udemy (3)

- ☐ d. NPTEL (4)

- ☐ e.SWAYAM (5)

- ☐ f.Udacity (6)

- ☐ g. FutureLearn (7)

- ☐ h. Any other (8)

- ☐ i. None of above (9)

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22 Percentage of Faculty who can effectively teach through online medium.

- ○ a. Less than 10% (1)

- ○ b. 10-30% (2)

- ○ c. 30-50% (3)

- ○ d. 50-70% (4)

- ○ e. More than 70% (5)

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23 Computer to student ratio in your Institution?

◯ a. Less than 1:5 (1)

◯ b. 1:5 to 1:15 (2)

◯ c. 1:15 to 1:30 (3)

◯ d. Greater than 1:30 (4)

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24 Does your Institute use learning management system (LMS) for teaching?

◯ a. Yes, fully functional (1)

◯ b. Partially in some programs (2)

◯ c. No (3)

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25 Which of the following LMS is your Institute familiar with? (Multiple answers allowed)

☐ a. Blackboard (1)

☐ b. Schoology (2)

☐ c. Brightspace (3)

☐ d. Canvas (4)

☐ e. Moodle (5)

☐ f. Sakai (6)

☐ g. Learndash (7)

☐ h. Any other (8)

☐ i. None (9)

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26 What percentage of your faculty is capable of independent creation of online course material?

○ a. Less than 10% (1)

○ b. 10-30% (2)

○ c. 30-50% (3)

○ d. 50-70% (4)

○ e. 70-90% (5)

○ f. More than 90% (6)

27 Do you provide students with online course materials?

    ○ a. Yes (1)

    ○ b. No (2)

    ○ c. Partially (3)

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28 Does your Institute have provision for online assessment of students?

    ○ a. Yes, in all programs (1)

    ○ b. In some programs (2)

    ○ c. No (3)

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29 Does your Institute have provision for online fee payment system?

    ○ a. Yes (1)

    ○ b. Partially, not for all types of fee (2)

    ○ c. No (3)

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30 Do you have a functional online student feedback system?

    ○ a. Yes (1)

    ○ b. Have student feedback mechanism but not online (2)

    ○ c. No (3)

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31 What is the primary key factor forselecting online coursesfor students? (Multiple options allowed)

☐ a. Quality of study material (1)

☐ b. Value for money (2)

☐ c. Faculty recommendation (3)

☐ d. Credit transfer facility (4)

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32 What according to you is the key challenge faced by students in adopting online education? (Multiple options allowed)

☐ a. Lack of devices (1)

☐ b. Lack of connectivity (2)

☐ c. Limited knowledge about availability of online content (3)

☐ d. Lack of credit transfer facility from various platforms (4)

☐ e. Lack of interest in online learning (5)

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33 What according to you is the key challenge faced by students during online education?

○ a. Students are not used to study online (1)

○ b. Attention span reduces as no monitoring is there (2)

○ c. As the videos are available for later use , they tend to procrastinate (3)

○ d. Afraid to ask questions online (4)

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34 Does your Institute have partnership with online program management (OPM) companies?

○ a. Current partnership for all online programs (1)

○ b. Current partnership for some online programs (2)

○ c. Partnership with an OPM is under consideration (3)

○ d. Not currently engaged with an OPM (4)

○ e. No plan to engage with an OPM (5)

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35 Over the next few years, do assessment and evaluation process need to change, to

○ a. Online Assessment (1)

○ b. Continuous assessment throughout the semester/year (2)

○ c. Online + term end for continuous physical assessment exam (3)

○ d. Current system is working fine (4)

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36 Which type of course delivery model your Institute follows?

○ a. Traditional (0% online content) (1)

○ b. Web facilitated (1-29% online content) (2)

○ c. Blended/hybrid (30-79% online content) (3)

○ d. Online (more than 80% online content) (4)

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37 What is current status for offering MOOCs programs?

○ a. Not yet decided about a MOOC (1)

○ b. Planning to add MOOC offering(s) (2)

○ c. Have MOOC offering(s) (upto 20%) (3)

○ d. Have MOOC offering(s) (>20%) (4)

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38 Do you think that it takes more faculty time and effort to teach online than a face-to-face learning?

○ a. Agree (1)

○ b. Disagree (2)

○ c. Can't say (3)

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39 Do you consider that the learning outcomes in online education are inferior compared to face-to-face learning?

○ a.Agree (1)

○ b. Disagree (2)

○ c. Can't say (3)

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40 Do you think that lack of acceptance of online instruction by the faculty is a barrier to the growth of online learning

○ a. Yes (1)

○ b. No (2)

○ c. Can't say (3)

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41 Do you consider low retention rate in online courses as a barrier to growth of online learning?

○ a. Agree (1)

○ b. Disagree (2)

○ c. Neutral (3)

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42 In the next 1-3 years, do you expect the number of full online degree programs at your institution to increase?

○ a. 10+ New programs (1)

○ b. 5-9 New programs (2)

○ c. 1-4 New programs (3)

○ d. Flat (4)

○ e. Decrease (5)

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43 Do you think that a student training/orientation to online learning prior to or concurrent with their first online course is required?

○ a. Required (1)

○ b. Not required as students are tech savvy (2)

○ c. Maybe (3)

○ d. Can't say (4)

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44 Do you think that a faculty training/orientation to online learning prior to or concurrent with their first online course is required?

○ a. Required (1)

○ b. Not required (2)

○ c. Can't say (3)

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45 Does your institution have a Teaching/Learning/Technology Innovation Center, or its equivalent?

○ a.   Multiple Institutional TLT centers (1)

○ b.   One Institutional TLT centers (2)

○ c.   Only departmental TLT centers (3)

○ d. No TLT centers (4)

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46 Describe your level of confidence in understanding the cost details of developing, delivering, and maintaining your institution's online programs

- ○ a. Completely (1)
- ○ b. Fairly (2)
- ○ c. Somewhat (3)
- ○ d. Slightly (4)
- ○ e. Not at all (5)

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47 According to you the online tuition fee compared to on-ground tuition fee will be

- ○ a. Higher (1)
- ○ b. Generally higher (2)
- ○ c. Same (3)
- ○ d. Generally same (4)
- ○ e. Generally lower (5)
- ○ f. Lower (6)
- ○ g. No pattern (7)

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48 What would be the compensation model for teachers for developing online courses?

- ○ a. Funding for each course (1)
- ○ b. Non-cash incentives (2)
- ○ c. No special compensation (3)
- ○ d. Combination of above (4)

49 What would be the primary or dominant online course development model at your institution?

○ a.   Faculty work independently (1)

○ b.   Faculty + optional Ids (2)

○ c.   Faculty required to work with Ids (3)

○ d.   Team approach (4)

○ e. Wide variation (5)

50 What according to you would be the prevalence of Cheating in Online Examinations?

○ a.   Very common (1)

○ b.   Common (2)

○ c. Uncommon (3)

51 What would be yours top Five-Year Institutional Goals for Online Learning? (Multiple Options allowed)

☐ a.   Increase quality (1)

☐ b.   Expand online offerings (2)

☐ c.   Increase online enrolments (3)

☐ d.   Increase online accessibility (4)

☐ e. Improve online support services (5)

52 Which of the following best describes how your institution prioritizes fully online courses versus fully online academic programs?

- ○ a.   Programs much more (1)

- ○ b.   Programs somewhat more (2)

- ○ c.   Balance   (3)

- ○ d.   Courses somewhat more (4)

- ○ e.   Courses much more (5)

- ○ f.   Wide variation by department (6)

- ○ g. Little emphasis on either (7)

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53 Which of the following best describes how your institution prioritizes fully online courses/programs versus blended courses/programs?

- ○ a.   Fully online much more (1)

- ○ b.   Fully online somewhat more (2)

- ○ c.   Wide variation by department (3)

- ○ d.   Balance (4)

- ○ e.   Little emphasis on either (5)

- ○ f.   Blended much more (6)

- ○ g. Blended somewhat more (7)

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54 According to you why some programs charge online students more?

    ○ a.   Meeting revenue goals for online programs (1)

    ○ b.   Pricing headroom for high demand programs (2)

    ○ c.   Added costs of online program marketing (3)

    ○ d.   Added costs of online instruction and support services (4)

    ○ e. Added cost of online course and program development (5)

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55 According to you why other programs charge online students less?

    ○ a.   Lower cost of online student support services (1)

    ○ b.   Meeting revenue goals through anticipated enrolment growth (2)

    ○ c.   Lower cost of delivering online instruction (3)

    ○ d.   No cost for campus activities, facilities, maintenance, and security (4)

    ○ e. Pricing constraints in a competitive market (5)

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56 Does your university have any plan to offer full online degree programs or integrate online modules in every degree program?

    ○ a. Full Online Degree Programme to a large extent (1)

    ○ b.   Integrate online modules to some degree programmes (2)

    ○ c. Neither of the above two is planned for immediate near future (3)

✳

57 According to you which among the following are top-5 most important internal indicators - quantitative or qualitative-which can be used in your institution to judge the quality of your online programs?

☐ a.   Student retention and graduation rates (1)

☐ b.   Student online course/ program evaluations (2)

☐ c.   Faculty training (3)

☐ d.   Summative student assessment (4)

☐ e.   Program reputation (5)

☐ f.   External rankings (6)

☐ g.   External certifications (7)

☐ h. Employer feedback (8)

JS

58 According to you which among the following are top-5 most important/innovative elements of current online learning **technology** that you would like to adopt?
_____ a.   Learning management system (1)
_____ b.   Anti-plagiarism and assessment integrity (2)
_____ c.   Audio/video conferencing (3)
_____ d.   Lecture/video capture and management (4)
_____ e.   Online assessment and proctoring (5)
_____ f.   Learning analytics (6)
_____ g.   Learning outcomes technologies (7)
_____ h.   Student support dashboards (8)
_____ i.   Simulations/game-based (9)
_____ j.   Social media/chat tools (10)

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59 According to you which among the following are top-5 important/innovative element of current online learning **technique** that you would like to adopt?

_____ a.   Asynchronous discussions (1)
_____ b.   Group projects/activities (2)
_____ c.   Problem-based learning (3)
_____ d.   Quizzes (4)
_____ e.   Research projects (5)
_____ f.   Essays (6)
_____ g.   Flipped classroom (7)
_____ h.   Practice–based learning (8)
_____ i.   Simulations/ game-based (9)
_____ j. MOOCs (10)

60 What percentage of faculty has contributed in creating content for learning modules like MOOCs /SWAYAM/ NPTEL/ePathshala/ SWAYAMPRABHA etc?

○ a.   Less than 10% (1)

○ b.   10-30% (2)

○ c.   30-50% (3)

○ d.   50-70% (4)

○ e. More than 70% (5)

61 How many courses prepared by your university are on above mentioned online learning modules?

○ a.   0-10 (1)

○ b.   11-20 (2)

○ c.   21-30 (3)

○ d. More than 30 (4)

62 What percentage of students has taken courses on above mentioned online learning modules?

    ○ a.   Less than 10% (1)

    ○ b.   10-30% (2)

    ○ c.   30-50% (3)

    ○ d.   50-70% (4)

    ○ e.   More than 70% (5)

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63 Does your university recognise credits earned on above mentioned online learning modules?

    ○ a.   Yes (1)

    ○ b.   No (2)

    ○ c. Not yet, working on it (3)

    ○ d. Don't plan to recognise credits earned through online education (4)

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64 Since how many years your university is offering programs through ODL mode?

    ○ a.   Not providing programs through ODL mode (1)

    ○ b.   Less than 1 year (2)

    ○ c.   1-5 years (3)

    ○ d.   6-10 years (4)

    ○ e. More than 10 years (5)

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65 What percentages of students are currently enrolled in ODL programs offered by your University?

    ○ a.   Less than 10% (1)

    ○ b.   10-30% (2)

    ○ c.   30-50% (3)

    ○ d.   50-70% (4)

    ○ e. More than 70% (5)

---

66 Do you think that e-learning platform like SWAYAM provides alternative opportunities for higher studies to university students?

    ○ a.   Yes (1)

    ○ b.   No (2)

    ○ c. Can't say (3)

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67 Do you think that students are self motivated to use SWAYAM platform?

    ○ a.   Yes (1)

    ○ b.   No (2)

    ○ c. Can't say (3)

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68 Which quadrants of courses hosted on Swayam portal are used by your institution /university?

○ a.   Video lecture with multimedia (1)

○ b.   Specially prepared reading material that can be downloaded/printed (2)

○ c.   Self-assessment tests through tests and quizzes (3)

○ d.   An online discussion forum for clearing the doubts (4)

○ e. All of the above (5)

---

69 Do you think that MOOCs are the best alternative of higher education for students opting modular courses?

○ a.   Strongly agree (1)

○ b.   Agree (2)

○ c.   Neutral (3)

○ d.   Disagree (4)

○ e. Strongly disagree (5)

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70 In which type of MOOCs courses are your students mostly interested?

○ a.   Skill based Certification courses   (1)

○ b.   Diploma Courses   (2)

○ c. Under graduate/ Post Graduate Degree Course subjects (3)

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71 What percentages of your students are capable of operating a personal computer?

    ○ a.   Less than 10% (1)

    ○ b.   10-30% (2)

    ○ c.   30-50% (3)

    ○ d.   50-70% (4)

    ○ e.   70-90% (5)

    ○ f. More than 90% (6)

---

72 What percentages of your students are capable of smooth operation of MS Office applications (e.g. Word, Power point, Excel etc)?

    ○ a.   Less than 10% (1)

    ○ b.   10-30% (2)

    ○ c.   30-50% (3)

    ○ d.   50-70% (4)

    ○ e.   70-90% (5)

    ○ f. More than 90% (6)

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73 What percentage of your students is capable of conducting and maintaining online communication (e.g. Chat, email etc)?

- a. Less than 10% (1)

- b. 10-30% (2)

- c. 30-50% (3)

- d. 50-70% (4)

- e. 70-90% (5)

- f. More than 90% (6)

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74 What percentage of your students is capable of browsing the internet for scientific research articles and other education materials?

- a. Less than 10% (1)

- b. 10-30% (2)

- c. 30-50% (3)

- d. 50-70% (4)

- e. 70-90% (5)

- f. More than 90% (6)

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75 Do majority of your students have access to required devices for MOOCs? (Multiple options can be ticked)

☐ a.   Laptop (1)

☐ b.   Desktop (2)

☐ c.   Mobile phones (3)

☐ d.   Tablet (4)

☐ e.   Very few (5)

☐ f. None (6)

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76 Does your institution have a framework for Professional Development for all faculty and staff?

○ Yes (1)

○ No (2)

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77 How is Professional Development viewed?

○ It plays a critical role in our mission (1)

○ We have discussed it but nothing has evolved so far (2)

○ Not Essential (3)

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78 What impact has Covid-19 had on Professional Development Budgets?

○ It was one of the first to get cut (1)

○ It was cut equally with other department costs (2)

○ It has been maintained (3)

○ More funds have been allocated (4)

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79 Are your Professional Development Goals aligned to your department or division?

○ Yes (1)

○ Somewhat (2)

○ No (3)

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80 Is funding for new Professional Development activities accessible?

○ Yes (1)

○ No (2)

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81 Is Professional Development viewed as something faculty should take responsibility for, or does the institution provide this?

○ Faculty responsibility (1)

○ Institutional responsibility (2)

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82 Does your institution support Professional Development for administrative staff ?

○ Yes (1)

○ No (2)

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83 What impact does Professional Development have on performance reviews?

○ Key factor (1)

○ Its discussed with some emphasis (2)

○ Its discussed with no emphasis (3)

○ Very little (4)

○ None (5)

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84 Does your institution have an in-house Centre for Learning and Teaching?

○ Yes (1)

○ No (2)

○ No, but it is in our plans for the next 12 months (3)

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85 Please give your opinion about initiatives taken by the Government of India for promoting online teaching and your suggestions on how to improve it, in not more than 100 words.

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