



മഹാത്മാഗാന്ധി സർവ്വകലാശാല

175621/AC A1-2/2021/AC A 1
19.03.2022

പരിപത്രം

വിഷയം :-	ഉന്നത വിദ്യാഭ്യാസ സ്ഥാപനങ്ങളിലെ "IT Infrastructural Facilities, Technology- Enabled Learning Environment" എന്നിവ സംബന്ധിച്ച വിവരശേഖരണവുമായി ബന്ധപ്പെട്ട് ഉന്നതവിദ്യാഭ്യാസ വകുപ്പിൽ നിന്നും ലഭിച്ചിരിക്കുന്ന കത്ത്-സംബന്ധിച്ചു:-
-----------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

സൂചന : -1)No.K1/200/2021/H.Edn. dtd. 06.12.2021

കേരളത്തിലെ ഉന്നത വിദ്യാഭ്യാസ സ്ഥാപനങ്ങളിലെ "IT Infrastructural facilities, Technology-Enabled Learning Environment" എന്നിവ സംബന്ധിച്ച്, കേരളാ സ്റ്റേറ്റ് ഹയർ എഡ്യൂക്കേഷൻ കൗൺസിൽ നടത്തുന്ന സർവ്വേയുടെ ഭാഗമായി, സർവ്വകലാശാലയെ സംബന്ധിക്കുന്ന വിവരങ്ങൾ നിശ്ചിതമാതൃകയിൽ ലഭ്യമാക്കണമെന്നാവശ്യപ്പെട്ടുകൊണ്ട് സൂചന (1) കത്ത് ലഭിച്ചിരിക്കുന്നു. സർവ്വകലാശാലയുടെ എല്ലാ അഫിലിയേറ്റഡ് കോളേജുകളും അതാത് കോളേജുകളെ സംബന്ധിച്ചുള്ള വിവരങ്ങൾ ഹയർ എഡ്യൂക്കേഷൻ കൗൺസിലിന്റെ ഓൺലൈൻ പോർട്ടലിൽ(www.kshec.gov.in) നേരിട്ട് ലഭ്യമാക്കേണ്ടതാണ്. വിശദ വിവരങ്ങൾ അടങ്ങിയ സൂചന(1) കത്ത് ഇതോടൊപ്പം ചേർക്കുന്നു.

ഉള്ളടക്കം :-സൂചന (1)കത്ത്

**അസിസ്റ്റന്റ് രജിസ്ട്രാർ I (അക്കാദമിക്)
രജിസ്ട്രാർക്ക് വേണ്ടി**

പകർപ്പ്

1. അഫിലിയേറ്റഡ് കോളേജുകൾ
2. വൈസ് ചാൻസലർ / പ്രൊ വൈസ് ചാൻസലർ എന്നിവരുടെ പ്രൈവറ്റ് സെക്രട്ടറിമാർ
3. രജിസ്ട്രാർ/ പരീക്ഷാ കൺട്രോളർ / ഫിനാൻസ് ഓഫീസർ എന്നിവരുടെ പി.എ.മാർ
4. എ.ആർ/ഡി.ആർ./ജെ.ആർ(പരീക്ഷ / ഫിനാൻസ് / അക്കാദമിക്)
- 5 .പി.ആർ.ഒ./എൻക്വയറി / ഐ.ക്യൂ.എ .സി / കണ്ടെന്റ് മാനേജ്മെന്റ് സെക്ഷൻ / യൂണിവേഴ്സിറ്റി വെബ്സൈറ്റ്
- 6.റെക്കോർഡ് സെക്ഷൻ / കരുതൽ ഫയൽ / ഫയൽ കോപ്പി

മാതൃകാശാസ്ത്ര സർവ്വകലാശാല, കേരളം

**GOVERNMENT OF KERALA**

No: K1/200/2021/H.Edn.

Higher Education (K) Department,
Thiruvananthapuram,
Dated: 06-12-2021

From

Additional Chief Secretary to Government

To

1. The Director of Collegiate Education, Thiruvananthapuram.
2. The Director of Technical Education, Thiruvananthapuram.
3. The Principal, Law College, Thiruvananthapuram/Ernakulam/ Thrissur/Kozhikode.
4. The Registrar, University of Kerala, Thiruvananthapuram/
M.G. University, Kottayam/Sree Sankaracharya University Sanskrit, Kalady,
Ernakulam/Cochin University of Science and Technology, Kochi/Calicut University,
Malappuram/Kannur University, Kannur/ Malayalam University, Thirur/National
University of Advanced Legal Studies, NUALS Campus, H.M.T. Colony P.O.,
Kalamassery, Ernakulam/A P J Abdul Kalam Technological University, College of
Engineering Campus, Thiruvananthapuram/ Sreenarayana Guru Open University
University Building, Kureepuzha, Kollam – 691601
5. The Director of LBS Centre, Thiruvananthapuram
6. Additional Director General, NCC, Thiruvananthapuram
7. The Director, Institute of Human Resource Development, T.C 86/1949 (2), NH
Bypass Junction, Chackai, Pettah.P.O Thiruvananthapuram

Sir,

Sub:- Higher Education Department – Survey of IT Infrastructural Facilities in
Higher Educational Institutions (HEIs) in Kerala-reg
Ref:- Letter No. KSHEC-A7/712/MS/Direct./2021 (Survey) dated, 30.06.2021

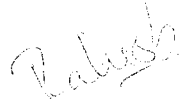
The Kerala State Higher Education Council is conducting a survey to assess IT infrastructural facilities and the Technology-Enabled Learning environment prevailing in the Universities and colleges in the state in light of the Covid-19 lockdown which has disrupted the academic activities in the HEIs. The primary aim of this survey is to assess the Technology-Enabled Learning environment including availability of digital devices, online accessibility, and affordability of the same in Higher Educational Institutions (HEIs) in the State. The data is to be collected at the institutional, Faculty and Student levels. The questionnaire shall be submitted online by the Principal/Head of Institution. Class teachers -in-charge should facilitate collection of data related to students in their respective classes.

In this context, I am to forward herewith the copy of the questionnaires and to request you to participate in the survey and to submit the details online to the KSHEC portal (www.kshec.gov.in)

Yours faithfully,
Rajesh Kumar.K.K
Under Secretary

for Additional Chief Secretary to Government

Approved for issue



Section Officer

മഹാത്മാഗാന്ധി സർവ്വകലാശാല, കോഴിക്കോട്

Questionnaire
The Kerala State Higher Education Council
Survey of IT Infrastructural Facilities in Higher Educational Institutions (HEIs) in Kerala
June 2021

(Questionnaire to be submitted online to the All Kerala Higher Education Survey Unit in KSHEC website on or before July 15th)

Objective of the Survey

The primary aim of this survey is to assess the Technology-Enabled Learning environment including availability of digital devices, online accessibility, and affordability of the same in Higher Educational Institutions (HEIs) in the State. The data is to be collected at the institutional, Faculty and Student level. The questionnaire shall be submitted online by the Principal/ Head of Institution.

Class teachers -in -charge should facilitate collection of data related to students in their respective classes

(Please respond to all the questions)

INSTITUTIONAL LEVEL INFORMATION

A. About Your University/Institution

1. Name of the university/college/institution:
2. Affiliating University:
3. Website:
4. District:
5. Location of the institution: Rural/Urban
6. Geographical Location of the Institution: Hilly area/Midlands/Coastal area
7. Total Number of students enrolled as in 2020-21 Academic Year(including all programmes over all batches):

	UG	PG	Mphil	Research	Others
Male					
Female					
Transgender					

8. Total Number of faculty employed(Regular/Contract/Guest Faculty):
9. Total Number of non-teaching staff:
10. Level of teaching (tick () all that apply):
 Undergraduate Graduate Postgraduate Doctoral research

5099200/2021/H EDN (K)

Technology-Enabled Learning Environment in the University/Institution

11. Total Number of the following devices available in the institution connected to the Internet:
 Desktop computers:
 Tablets:
 Laptops:
 Smartphones:

12. Provide a brief write-up on the improvement in IT infrastructure facilities of your institution since the pandemic? (Max of 150 words)

13. Does your institution provide laptops/tablets/smartphones to the underprivileged students?

- Yes
 No

14. Does your institution have any funding mechanism to provide such devices for the underprivileged students?

- Yes
 No

15. How do you ensure back-up facility for power supply?

- UPS Facility; Generator Solar Power None

16. Do you have Internet connectivity at your campus?

Broadband Connectivity
Wi Fi Internet connection
Both

17. Current level of Internet bandwidth available in the institution:

- <10 Mbps 10-50 Mbps 50-100 Mbps >100 Mbps

18. Internet connectivity is made available to --(Tick (☐) all that apply.)

- Staff Faculty members Students Researchers Visitors

19. Internet facility is provided in.-- (Tick (☐) all that apply.)

- Classrooms Library Hostels
 Faculty rooms Laboratories
 Seminar halls Students' common rooms Open areas

20. Broadband Internet connectivity is provided in the institution

- Through a government-supported Internet service provider
 Through a private Internet service provider (Specify)

21. How would you rate internet speed at your institution? Good/Moderate/Weak

5099200/2021/H EDN (K)

22. Does your institution have Server Machines / Cloud Space?

If using Cloud Space, tick the provider

State Data Centre Private Provider Both

Name of Private provider:-----

23. Common Computer lab facilities for internet access other than Department labs

Available Not available

FACULTY LEVEL INFORMATION

The data in this section is to be collected by the Head of the Department

24. Which of the following devices are used for online teaching in the department?

	Desktop Computer	Laptops	Tablets	Smartphones	All devices
No. of Faculty					

25. Do you have broadband Internet connectivity for teaching?

Yes No

26. Current level of Internet bandwidth available in your department.

<10 Mbps 10-50 Mbps 50-100 Mbps >100 Mbps

STUDENT LEVEL

27. Number of Students enrolled from urban/rural areas.

		UG	PG	Mphil	Research	Others
Urban	Male					
	Female					
	Transgender					
Rural	Male					
	Female					
	Transgender					

28. Number of students whose homes do not have power supply

	UG	PG	Mphil	Research	Others
Male					
Female					

5099200/2021/H EDN (K)

Transgender					
-------------	--	--	--	--	--

29. Number of students who have internet connectivity at home

	UG	PG	Mphil	Research	Others
Broadband Connectivity					
Mobile Internet connection					
Both					

30. Number of students from rural areas having the following devices for online learning.

Devices	Level	SC	ST	Others
Smartphone	UG			
	PG			
	Mphil			
	Research			
	Others			
Tablet	UG			
	PG			
	Mphil			
	Research			
	Others			
Laptop	UG			
	PG			
	Mphil			
	Research			
	Others			
Desktop	UG			
	PG			
	Mphil			
	Research			
	Others			
None	UG			
	PG			
	Mphil			
	Research			
	Others			

31. Number of students from urban areas with access to devices/internet connectivity

Devices	Level	SC	ST	Others
Smartphone	UG			
	PG			
	Mphil			
	Research			
	Others			
Tablet	UG			
	PG			

39. Number of e-content materials produced for online classes

- Audio lessons: _____
- Video lessons: _____

40. Are you conducting online assignments? Specify

41. Have you used NPTEL resources, SWAYAM, MOOCs

Yes No

42. Do you have an institutional common video channel (e.g. YouTube or similar) for sharing all digital contents of different disciplines?

Yes No

43. Provide the link to the video channel:

Online Courses

44. Has your university/institution produced or designed any online course?

Yes No

45. How many online courses (including MOOCs) do you offer in the current year?

Number of eLearning courses: _____

46. What is the Learning Management System used?

Moodle, Canvas, Joomla LMS, Blackboard,

Others:-----

47. Total number of students enrolled for online courses in your university/institute?

Number of learners: _____

48. Nature of online courses (tick (..) all that apply):

- Completely online .. Blended (face-to-face with some online component)
- Online (with limited face-to-face contact)

49. Do you have any external partners for collaborative designing and delivery of online courses?

- Public state-level institution Private for-profit organisation
- Public national-level institution Private not-for-profit organisation

5099200/2021/H EDN (K)

	Mphil			
	Research			
	Others			
Laptop	UG			
	PG			
	Mphil			
	Research			
	Others			
Desktop	UG			
	PG			
	Mphil			
	Research			
	Others			
None	UG			
	PG			
	Mphil			
	Research			
	Others			

32. The % of students having difficulty in possessing devices for online learning
 33. The % of students having difficulty in accessing online classes
 34. The % of students having difficulty in affording cost of internet/data charges

OTHER INFORMATION

Smart Classrooms

35. Number of smart at the institution: _____

36. List the hardware available in e-classrooms? (Tick (✓) all that apply.)
 Public address system - SMART Board or interactive whiteboard
 LCD projector (fitted with desktop Intelligent Interactive Panel
 computer/laptops/DVD players) Lecture Capture Systems

37. List the type of Video Conferencing facility(Tick all that apply)
 Google Meet Zoom CISCO Webex Microsoft Team,
 TCS iON Digital Class Room,
 Others:-----

Educational e-Content Development

38. Do you have an audio-visual production unit/studio/centre in your university/institution?
 Yes No

5899200/2021/H EDN (K)

Name of Partner:-----

50. Is there any access control in place for restricting the nature of online content? Yes
 No

51. Does your university/institution maintain any official profile/institutional group on social media platforms?

- Facebook Email-based discussion forums Twitter LinkedIn
 Google+ Institutional wiki page YouTube
 Vimeo or similar Flickr
 Picasa Web Albums Instagram or similar for photo sharing
 Blog (using Blogger or Wordpress within institutional website/CMS)
 None

52. Email services (institutional)
 Available Not available

53. Online or virtual technologies (e.g. network or cloud-based file storage system, Web portals, etc.)
 Available Not available

54. Access to software (e.g. MATLAB, GIS applications, statistical software, qualitative data analysis, graphics software, textual or image analysis program, etc.)
 Available Not available

55. Citation/reference management software
 Available Not available

56. Plagiarism detection software
 Available Not available

57. Institutional repository for sharing of research/e-theses
 Available Not available

58. Access to e-Journals
 Available Not available

59. e-Books
 Available Not available

60. Bibliographic databases
 Available Not available

61. e-Newspapers
 Available Not available

Training on Technology-Enabled Learning

62. How many such online training programmes were organised for faculty and learners to use technology effectively in this year? _____
63. Total hours of training organised in this year: _____
64. Total number of teachers trained in the use of technology for teaching and learning:

Digital Policy

65. Is there a Digital Policy for ICT use in teaching and learning in your university/institution?
 Yes No Being formulated

(If yes, give a brief summary)