

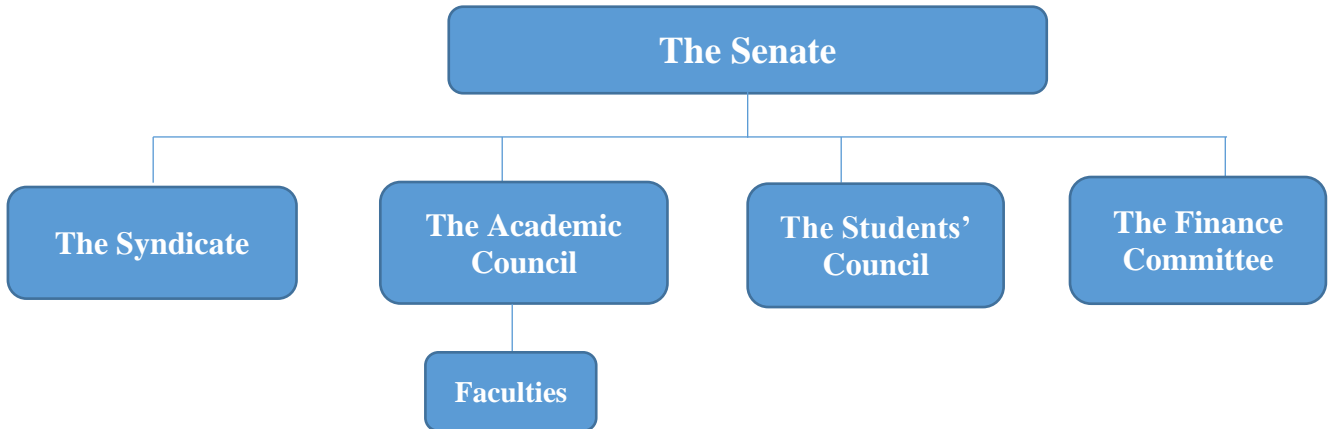


## APPENDICES

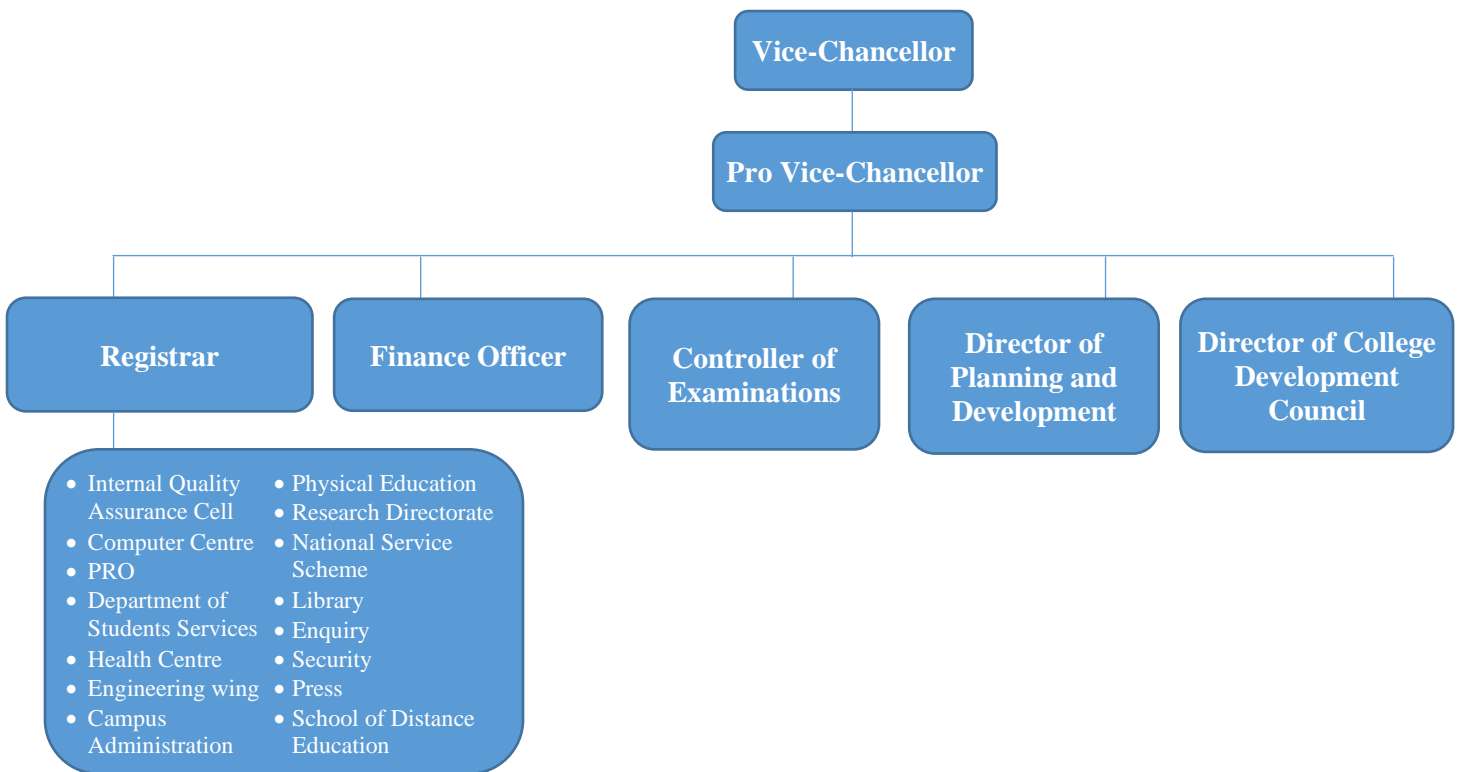


**Appendix 1.1**  
**Organisational Chart**  
*(Reference: Paragraph 1.1)*

**a) Authorities of the University**



**b) Officers of the University**



## Appendix 1.2

### List of institutions and support centres in the University of Kerala

(Reference: Paragraph 1.1)

Centres and Other Institutions of University	Centres - 60; Lexicon Department; UITs - 34; UIMs - 7; KUCTEs - 10; University College of Engineering; UGC Human Resource Development Centre (Academic Staff College); Centre for Adult Continuing Education and Extension (CACEE)
Support Service Centres and Other Departments	Kerala University Computer Centre, Central Laboratory for Instrumentation facilitation; Kerala University Library; University Press; Engineering Unit; Health Centre - 2; Department of Student Services; Department of Physical Education; Department of Publication; Employment Information and Guidance Bureau; Placement Cell; Finishing School.
Affiliated Institutions	Arts and Science Colleges - 111; Hotel Management - 3; Special Education - 1; Physical Education - 1; Music and Fine Arts - 3; Teacher Education - 48; MCA/MBA - 13; Law - 7; Fashion Technology - 1; Engineering - 1.
Research Centres (in addition to Departments and Centres of the University)	66 (R&D institutions and PG Departments of affiliated colleges)

### Appendix 1.3

#### List of institutions covered in audit

(Reference: Paragraph 1.4)

1. The University administrative branch and support service centres *viz.* Computer Centre, Library, Engineering wing for construction and maintenance, Printing Press, Publication Division, Health Centre, Hostels and Guest Houses.
2. Department of Physical Education
3. School of Distance Education
4. University College of Engineering
5. Human Resource Development Centre (Academic Staff College)
6. Centre for Adult Continuing Education and Extension (CACEE)
7. Lexicon Department
8. 14 out of 43 Teaching and Research Departments
  1. Institute of Management in Kerala
  2. Department of Library and Information Science
  3. Department of Malayalam
  4. Department of Linguistics
  5. Department of Tamil
  6. Department of Botany
  7. Department of Bio-Technology
  8. Department of Aquatic Biology and Fisheries
  9. Department of Physics
  10. Department of Statistics
  11. Department of Political Science
  12. Department of Psychology
  13. Department of Computer Science
  14. Department of Future Studies
9. Nine out of 34 University Institutes of Technology
  1. UIT Regional Centre, Azhoor
  2. UIT Mannancherry
  3. UIT Regional Centre, Kollam
  4. UIT Regional Centre, Veli
  5. UIT Regional Centre, Sasthamcotta
  6. UIT Regional Centre, Yeroor
  7. UIT Adoor
  8. UIT Regional Centre, Karuvatta
  9. UIT Mannady
10. 16 out of 64 Academic Study Centres
  1. Mahatma Ayyankali Chair
  2. International Centre for Kerala Studies
  3. V.K. Sukumaran Nayar Chair for Parliamentary Affairs
  4. Centre for Systems and Synthetic Biology
  5. Centre for Renewable Energy and Materials
  6. Christian Study Centre for Cultural and Social Change
  7. Centre for Australian Studies
  8. Entrepreneurship Development Cell
  9. Manonmaniam Sundaranar Centre for Dravidian Studies
  10. University Health Centre

11. Centre for Latin American Studies
  12. Centre for Artificial Intelligence and Research
  13. Dr.Ramakumar Memorial Centre for Population, Ageing and Health
  14. Centre for West Asian Studies
  15. Technology and Resource Centre for Malayalam
  16. Centre for Performing and Visual Arts.
11. Three out of 10 Kerala University College of Teacher Education
    1. Kerala University College of Teacher Education, Karyavattom,
    2. Kerala University College of Teacher Education, Anchal
    3. Kerala University College of Teacher Education, Aryad, Alappuzha
  12. Two out of seven University Institutes of Managements
    1. UIM Alappuzha
    2. UIM Adoor

### Appendix 1.4

#### **Conclusions/ Recommendations made by Public Accounts Committee after discussion of Performance Audit of 'Functioning of the University of Kerala' included in Report of the Comptroller and Auditor General of India (Civil) for the year ended 31 March 2010**

*(Reference: Paragraph 1.4)*

1. The Committee was informed that even though there was substantial increase in the UGC's assistance, Universities were not much interested in utilising project-oriented funds effectively and administrative expenditure is much higher than faculty expenditure. The Committee suggests that Higher Education Department should monitor the fund allocation from various agencies like UGC, Government of India etc., and to take necessary steps to ensure that allotted fund would not lapse in future.
2. The Committee condemns the administrative apathy on the part of University authorities in the preparation of unrealistic Annual Budget of the University and opines that the Annual Budget of the University should be significant and realistic in nature.
3. The Committee directs the Higher Education Department to furnish the updated estimates of receipts and actual expenditure under the Non-plan head up to the year 2010-11 incorporating the details like internal receipts, receipts from Government of India and University Grants Commission etc. It also urges the Higher Education Department to furnish a report on the number of vacancies in the University of Kerala and present position of vacancy to it at the earliest.
4. The Committee urges the Higher Education Department that the report of the Raveendran Nair Committee appointed to study the financial status of Universities should be considered and the recommendation contained therein be implemented.
5. The Committee noticed that eligibility criteria for Scholarship/Fellowship under different schemes are one and the same. Hence scholarship are left undisbursed as the same students are selected for more than one scholarship schemes.
6. The Committee strongly recommends that the criteria for the state scholarship should be relaxed to cover its benefits to those students who would not come under the purview of any other Scholarship/Fellowship. It also directs the Higher Education Department that necessary steps should be taken to ensure that the fund provided for scholarship is not getting lapsed.
7. The Committee recommends the Higher Education Department to conduct feasibility study regarding the constitution of separate pension fund for University employees as recommended by Raveendarn Nair Committee, while continuing with the statutory pension scheme.
8. The Committee suggests that Universities should take earnest effort to finalise their annual accounts at the earliest and intimate the Committee the latest position in this regard.
9. The Committee emphasises the need for formulating a Finance Accounts Manual for Universities so that a common procedure could be adopted for all financial transactions and accounting.

10. The Committee strongly criticises the University authorities for not crediting the Provident Fund deductions effected from the salaries of the employees to the Treasury accounts of the Universities and utilising the same for meeting establishment expenditure of the University.
11. It also remarks that diversion of money deducted towards Provident Fund defeat the very purpose of the fund and directs that Higher Education Department should be vigilant in avoiding such diversion in future. The Committee recommends that disciplinary action should be initiated against the person responsible in case of such misappropriation, if any, found in future.
12. It urges the University authorities to take necessary steps to remit the arrears towards Provident Fund Account at the earliest.
13. The Committee was at a loss to note that the University authorities had failed to submit the RMT statements in time and reminds that non-submission of the same is a disrespect to the Committee.
14. The Committee opines that a decisive and precise planning should be formulated by the University authorities for the complete and effective utilisation of funds allocated by University Grants Commission for the developmental purposes of the Universities in order to avoid lapse of funds in future.
15. The Committee reminds that the guidelines stipulated in Chapter XI of the First Statutes of Kerala University, 1977 should scrupulously be adhered while constituting Board of Studies for undergraduate and postgraduate courses and recommends that Higher Education Department should take necessary steps to eliminate unqualified person, if any, as a member in the Board of Studies. It also directs that strict measures should be taken to avoid nomination of ineligible personnel as a member of the Board of Studies.
16. The Committee doubts whether the Manuscript Library complied with the guidelines issued by the Indian National Trust for Art and Cultural Heritage (INTACH) for the preservation of manuscripts. It emphasises the need for the proper maintenance of those invaluable assets and recommends that a team comprising the Principal Secretary, Higher Education Department and one or two experts in the field should check the maintenance of the documents in the Manuscript Library and report the Committee at the earliest.
17. The Committee strongly recommends the Higher Education Department that periodical inspection should be completed as envisaged in the University Statutes before giving permanent affiliation to self-financing colleges in future.
18. The Committee also remarks that priority should be given for academic aspects rather than infrastructure facility. It recommends that the affiliation of the institutions which failed to comply with all the relevant norms should seriously be reviewed and should not to be entertained. It also directs the Higher Education Department to take necessary steps to ensure and maintain quantitative professional education system in the State and reminds that measures taken in this regard should be furnished to the Committee.
19. The Committee emphasises the need for the formulation of a proper system in the University to ensure that qualified students are admitted in affiliated professional colleges. It urges the Higher Education Department to submit a report in detail before the Committee regarding the preventive measures supposed to be taken by



- the Department, to avoid the admission of unqualified students in professional courses.
20. The Committee expresses its grave concern over the tendency of enhancement of seats by the self-financing colleges at their own interest without the consent and approval of the Government and directs that such practice should be curtailed.
  21. The Committee suggests that strict measures should be taken to dispense with the delay in valuation of answer scripts. It also directs the Higher Education Department to furnish the details of disciplinary action taken against the officers responsible for the missing of answer books. The Committee strongly opines that the revaluation of answer scripts must be completed in a time bound manner as envisaged in the examination manual of the University to avoid the inordinate delay and hardship of the students. The Committee also urges the University authorities that abnormal delay in preparation of rank lists should be avoided as it will adversely affect the students for pursuance of their higher studies and job opportunities.
  22. Regarding research activities, the Committee was informed that there is inordinate delay in settling accounts even after completing the project works and directs that University authorities must be vigilant in settling accounts to the research scholars in a time bound manner. The Committee suggests that compromise in sanctioning posts of faculty is not advisable and whatever be the constraints, required number of post of teachers must be sanctioned.

## Appendix 2.1

### List of activities under the Master Plan carried out by the University

(Reference: Paragraph 2.1)

The Master Plan prepared by IQAC for University of Kerala in 2015 is being worked out strategically over the last six years under the following heads:

Focal Area	Action taken
1. Vision, framework and benchmarking	<p>University is continuously striving to achieve its mission of social commitments. This is evident from several strategic plans which includes:</p> <ul style="list-style-type: none"> <li>• Enhancement of research fellowships</li> <li>• Digitising student services</li> <li>• Low cost, subsidise student services</li> <li>• Publication grants</li> <li>• Student's fellowships under Earn while you learn etc.</li> </ul> <p>University is also working on differently abled student services in the library corner for visually challenged, book share etc.</p> <p>University has taken up new infrastructure projects, starting of innovative academic programmes and new departments during this period as part of attaining the vision statement.</p>
2. Research and innovation	<p>As part of the Master Plan the following steps have been initiated:</p> <ul style="list-style-type: none"> <li>• Reformulation of research policy</li> <li>• Renovated research portal</li> <li>• Financial support for creation of IPR</li> <li>• Addition of new software i-Thenticate for plagiarism check along with Urkund.</li> <li>• Renovated Startup eco system Kerala University Business Innovation and Incubation Centre (KUBIIC)</li> <li>• Starting of new inter-university research centres and external research centres.</li> <li>• Massive expansion of centralised laboratory</li> </ul>
3. Teaching, learning and evaluation	<p>The following steps have been initiated:</p> <ul style="list-style-type: none"> <li>• Revision of curriculum for all programmes under OBE mode</li> <li>• Launch of Learning Management System (LMS) for online learning</li> <li>• Introduction of new inter-disciplinary add on courses under CSS</li> <li>• Extensive training for teachers on curriculum design and delivery and holistic approach to learning</li> <li>• Internship for certain Masters programmes</li> <li>• Introduction of electives under SWAYAM</li> </ul>
4. Schools, Departments and Centres	<ul style="list-style-type: none"> <li>• A new department on Kerala Studies was initiated and a separate department for Nanoscience</li> <li>• Separate centres were created for industrial collaboration centre for Academic and Industrial Collaboration and for attracting foreign students - Centre for Global Academics</li> <li>• Creation of centres for Marxian Studies, Inter-University Centre for Advanced Material Research and Advanced Centre for Regenerative Medicine and Stem Cells Research in Cutaneous Biology</li> </ul>
5. Student development	<ul style="list-style-type: none"> <li>• Expansion of services through placement support. Centre for Career Guidance and Employment, Finishing School and the Centre for Adult Continuing Education and Extension</li> <li>• Creation of a Student Amenity Centre</li> <li>• Digitising all student services from admission to final issue of mark lists and certificates under Student Lifecycle Management System</li> <li>• RFID Support for Library services</li> <li>• Skilling framework under ASAP under Government of Kerala</li> <li>• Three-tier Induction Programme</li> <li>• Basket of credit under CSS</li> </ul>

Focal Area	Action taken
6. Governance	<p>The following steps have been initiated:</p> <ul style="list-style-type: none"> <li>• Strengthening governance through Digital Document Filing System (DDFS)</li> <li>• University has adopted policies for Intellectual Property, Plagiarism, Research and has undertaken audit in the following forms in addition to the statutory audits - Gender Audit, Energy Audit, Accessibility Audit, Library Audit, Environment Audit, Academic Audit and inputs from the same have supported policy formulation</li> </ul>
7. Extension	<p>Under the head extension, University has carried out Village Adoption, School Adoption in addition to linking with local self-government. University of Kerala has adopted the Scientific Social Responsibility (SSR) of DST<sup>64</sup>, Government of India.</p>

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<sup>64</sup> Department of Science and Technology

## Appendix 2.2

## Deficiencies in constitution of Boards of Study

(Reference: Paragraph 2.3)

## a. Deficiencies in constitution of Boards of Study - Undergraduate

Sl. No.	Name of BoS	Total number	UoK	GoK	Private	External expert
<b>Required number of representatives</b>		<b>10</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>1</b>
1	Home Science (PASS)	10	1	3	5	1
2	Arabic (PASS)	7	1	3	3	0
3	Computer Science (PASS)	10	1	3	5	1
4	Music (PASS)	7	1	3	2	1
5	Sanskrit (PASS)	8	1	3	4	0
6	Tamil (PASS)	6	2	2	2	0
7	Law (PASS)	7	2	5	0	0
8	Zoology (PASS)	5	1	1	3	0
9	Biotechnology (PASS)	9	1	3	5	0
10	Education (PASS)	5	1	1	3	0
11	Business Management (PASS)	5	1	0	4	0
12	English (PASS)	5	1	1	3	0
13	Philosophy (PASS)	5	0	2	2	1
14	Economics (PASS)	5	1	2	1	1
15	History (PASS)	5	1	1	2	1
16	Political Science (PASS)	5	1	1	2	1
17	Botany (PASS)	5	1	2	1	1
18	Geology (PASS)	5	1	2	1	1
19	Mathematics (PASS)	5	1	2	2	0
20	Commerce (PASS)	5	1	1	3	0
21	Physics (PASS)	5	1	1	3	0
22	Statistics (PASS)	5	1	2	1	1
23	Sociology (PASS)	5	1	2	2	0
24	Hindi (PASS)	5	1	1	2	1
25	Malayalam (PASS)	5	1	1	3	0
26	Chemistry (PASS)	5	1	2	2	0
27	Psychology (PASS)	5	1	2	1	1

## b. Deficiencies in constitution of Boards of Study - Postgraduate

Sl. No.	Name of BoS	Total number	UoK	GoK	Private	External expert
<b>Required number of representatives</b>		<b>10</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>
1	Biotechnology PG	9	3	2	3	1
2	Home Science PG	9	3	2	4	0
3	Arabic PG	8	2	2	3	1
4	Sanskrit PG	8	2	3	2	1
5	Tamil PG	7	3	2	2	0
6	Law PG	5	2	2	0	1
7	Computer Science PG	10	4	1	4	1
8	Education PG	5	3	0	2	0

Sl. No.	Name of BoS	Total number	UoK	GoK	Private	External expert
9	Business Management PG	6	4	0	2	0
10	English PG	5	3	1	1	0
11	Philosophy PG	6	1	1	2	2
12	Music PG	5	1	2	2	0
13	Economics PG	7	3	1	2	1
14	History PG	5	2	1	1	1
15	Political Science PG	6	3	1	1	1
16	Botany PG	6	3	1	1	1
17	Geology PG	5	3	0	0	2
18	Mathematics PG	5	2	1	1	1
19	Physics PG	5	2	1	1	1
20	Statistics PG	6	2	1	2	1
21	Sociology PG	5	3	0	1	1
22	Hindi PG	5	2	0	2	1
23	Malayalam PG	5	3	0	1	1
24	Chemistry PG	5	2	0	2	1
25	Psychology PG	5	2	1	0	2
26	Commerce PG	5	2	1	1	1
27	Zoology PG	5	2	1	1	1

## Appendix 2.3

## List of courses for which syllabus were not revised over three years

(Reference: Paragraph 2.3)

Sl. No.	Departments	Courses	Last syllabus revision	No. of years
1.	English (PASS)	English and Communicative English	2015	6
2.	Philosophy (PASS)	Philosophy	2017	4
3.	French and Latin	Latin	2014	7
4.	History (PASS)	History	2014	7
5.	Political Science (PASS)	Political Science	2017	4
6.	Arabic (PASS)	Communicative Arabic	2015	6
7.	Linguistics	Linguistics	2010	11
8.	Chemistry (PASS)	Chemistry and Industrial Chemistry	2015	6
9.	Microbiology	Microbiology	2014	7
10.	Sanskrit (PASS)	Sanskrit special Vyakarana	2014	7
11.	Sanskrit (PASS)	Sanskrit special Vedanta	2010	11
12.	Sanskrit (PASS)	Sanskrit special Nyaya	2014	7
13.	Sanskrit (PASS)	Sanskrit special Jyothisha	2017	4
14.	Sanskrit (PASS)	Sanskrit special Sahithya	2014	7
15.	Business Management (PASS)	Bachelor of Business Administration (BBA)	2017	4
16.	Business Management (PASS)	Bachelor of Management Studies (Hotel Management)	2017	4
17.	Computer Science (PASS)	B.Voc Software Development (w.e.f. 2014)	2014	7
18.	Business Management (PASS)	B.Voc Tourism and Hospitality Management	2014	7
19.	Applied Arts	BFA	2006	15
20.	Applied Arts	MFA	2005	16
21.	Applied Arts	B.Des Fashion Design	2014	7
22.	Applied Arts	BFA (HI)	2013	8
23.	Education (PASS)	B.Ed. (Special)	2015	6
24.	Law (PG)	MBL (2 year)	2009	12
25.	English (PG)	MA English	2017	4
26.	Chemistry (PG)	M Sc Biochemistry	2013	8
27.	Psychology (PG)	Counselling Psychology	2013	8
28.	Microbiology	M Sc Microbiology	2013	8

## Appendix 3.1

## List of vacancies of Teaching Staff in the University Departments as of October 2021

(Reference: Paragraph 3.1.3)

Sl. No.	Department	Designation	Date from which the post is vacant	Period of vacancy as on 01/10/2021
1	Biotechnology	Associate Professor	01-04-2012	9 Y 6 M
2	Biotechnology	Assistant Professor	01-05-2021	0 Y 5 M
3	Botany	Associate Professor	14-11-2019	1 Y 10 M
4	Botany	Assistant Professor	01-06-2019	2 Y 4 M
5	Communication and Journalism	Professor	01-09-1995	26 Y 1 M
6	Communication and Journalism	Associate Professor	01-04-2017	4 Y 6 M
7	Demography	Professor	01-06-2005	16 Y 4 M
8	Demography	Associate Professor	01-04-2005	16 Y 6 M
9	Demography	Assistant Professor	01-06-2021	0 Y 4 M
10	Mathematics	Professor	01-07-1994	27 Y 3 M
11	Mathematics	Associate Professor	01-08-2008	13 Y 2 M
12	Physics	Associate Professor	01-04-2007	14 Y 6 M
13	Physics	Assistant Professor	13-03-2020	1 Y 6 M
14	Biochemistry	Professor	01-04-2015	6 Y 6 M
15	Biochemistry	Associate Professor	01-04-2020	1 Y 6 M
16	Sociology	Assistant Professor	01-05-2019	2 Y 5 M
17	Aquatic Biology and Fisheries	Professor	01-10-2003	18 Y 0 M
18	Aquatic Biology and Fisheries	Associate Professor	01-05-2008	13 Y 5 M
19	Aquatic Biology and Fisheries	Associate Professor	01-04-2013	8 Y 6 M
20	Aquatic Biology and Fisheries	Assistant Professor	01-05-2019	2 Y 5 M
21	Aquatic Biology and Fisheries	Assistant Professor	01-04-2015	6 Y 6 M
22	German	Professor	01-04-1990	31 Y 6 M
23	German	Assistant Professor	01-04-2014	7 Y 6 M
24	Music	Professor	01-06-2003	18 Y 4 M
25	Music	Associate Professor	01-04-2013	8 Y 6 M
26	Library and Information Science	Professor	01-04-2007	14 Y 6 M
27	Library and Information Science	Associate Professor	01-06-2017	4 Y 4 M
28	Library and Information Science	Assistant Professor	01-04-2016	5 Y 6 M
29	Economics	Professor	01-05-1991	30 Y 5 M
30	Economics	Associate Professor	01-05-2021	0 Y 5 M
31	Chemistry	Professor	01-04-1998	23 Y 6 M
32	Chemistry	Associate Professor	01-04-2008	13 Y 6 M
33	Chemistry	Associate Professor	01-06-2012	9 Y 4 M
34	Chemistry	Assistant Professor	01-04-2019	2 Y 6 M
35	Institute of English	Professor	01-04-2005	16 Y 6 M
36	Institute of English	Assistant Professor	01-05-2019	2 Y 5 M
37	Institute of English	Assistant Professor	01-07-2020	1 Y 3 M
38	Sanskrit	Professor	01-06-2011	10 Y 4 M
39	Optoelectronics	Assistant Professor	28-12-2017	3 Y 9 M
40	Optoelectronics	Assistant Professor	01-06-2019	2 Y 4 M
41	School of Distance Education	Assistant Professor	01-07-2006	15 Y 3 M
42	School of Distance Education	Assistant Professor	01-06-2014	7 Y 4 M
43	School of Distance Education	Assistant Professor	01-04-2014	7 Y 6 M
44	School of Distance Education	Assistant Professor	01-04-2016	5 Y 6 M
45	School of Distance Education	Assistant Professor	01-04-2016	5 Y 6 M
46	School of Distance Education	Assistant Professor	14-03-2020	1 Y 6 M

Sl. No.	Department	Designation	Date from which the post is vacant	Period of vacancy as on 01/10/2021
47	School of Distance Education	Assistant Professor	01-06-2020	1 Y 4 M
48	School of Distance Education	Assistant Professor	01-06-2021	0 Y 4 M
49	Institute of Management in Kerala	Assistant Professor	01-04-2016	5 Y 6 M
50	Education	Professor	01-02-2000	21 Y 8 M
51	Education	Associate Professor	01-04-2004	17 Y 6 M
52	Education	Assistant Professor	01-04-2019	2 Y 6 M
53	History	Professor	01-11-1992	28 Y 11 M
54	History	Associate Professor	01-04-2017	4 Y 6 M
55	Archaeology	Professor	20-02-2004	17 Y 7 M
56	Archaeology	Assistant Professor	01-04-2020	1 Y 6 M
57	Islamic Studies	Professor	01-04-2003	18 Y 6 M
58	Malayalam	Professor	01-05-2019	2 Y 5 M
59	Malayalam	Associate Professor	01-06-2019	2 Y 4 M
60	Philosophy	Assistant Professor	01-06-2020	1 Y 4 M
61	Political Science	Associate Professor	01-06-2019	2 Y 4 M
62	Psychology	Associate Professor	01-04-1993	28 Y 6 M
63	Psychology	Associate Professor	01-02-2002	19 Y 8 M
64	Psychology	Assistant Professor	01-04-2018	3 Y 6 M
65	Russian	Associate Professor	01-02-1997	24 Y 8 M
66	Law	Professor	01-11-2008	12 Y 11 M
67	Law	Assistant Professor	03-05-2018	3 Y 4 M
68	Arabic	Professor	01-06-2012	9 Y 4 M
69	Arabic	Associate Professor	01-06-2012	9 Y 4 M
70	Environmental Science	Associate Professor	01-04-2010	11 Y 6 M
71	Commerce	Assistant Professor	01-04-2020	1 Y 6 M
72	Computer Science	Associate Professor	01-04-2009	12 Y 6 M
73	Computer Science	Assistant Professor	03-05-2018	3 Y 4 M
74	Futures Studies	Associate Professor	01-04-2010	11 Y 6 M
75	Futures Studies	Assistant Professor	14-03-2020	1 Y 6 M
76	Geology	Assistant Professor	14-03-2020	1 Y 6 M
77	Geology	Assistant Professor	01-05-2020	1 Y 5 M
78	Linguistics	Professor	19-02-1986	35 Y 7 M
79	Linguistics	Associate Professor	01-04-1997	24 Y 6 M
80	Linguistics	Associate Professor	01-09-1998	23 Y 1 M
81	Linguistics	Assistant Professor	01-06-2018	3 Y 4 M
82	Statistics	Associate Professor	01-07-2006	15 Y 3 M
83	Statistics	Associate Professor	01-05-1993	28 Y 5 M
84	Statistics	Associate Professor	01-06-2012	9 Y 4 M
85	Statistics	Assistant Professor	22-10-2020	0 Y 11 M
86	Tamil	Professor	01-03-1984	37 Y 7 M
87	Tamil	Associate Professor	01-01-1995	26 Y 9 M
88	Zoology	Professor	01-04-1994	27 Y 6 M
89	Zoology	Associate Professor	01-04-2011	10 Y 6 M
90	Zoology	Associate Professor	01-06-2021	0 Y 4 M
91	Computational Biology and Bioinformatics	Professor	28-03-2019	2 Y 6 M
92	Computational Biology and Bioinformatics	Associate Professor	28-03-2019	2 Y 6 M
93	Computational Biology and Bioinformatics	Associate Professor	28-03-2019	2 Y 6 M
94	Computational Biology and Bioinformatics	Assistant Professor	28-03-2019	2 Y 6 M
95	Computational Biology and Bioinformatics	Assistant Professor	28-03-2019	2 Y 6 M
96	Computational Biology and Bioinformatics	Assistant Professor	28-03-2019	2 Y 6 M
97	Computational Biology and Bioinformatics	Assistant Professor	28-03-2019	2 Y 6 M



## Appendix 4.1

## Delay in conduct of examinations and publication of results

(Reference: Paragraph 4.1)

Dates of conduct of examination and publication of results under CBCS Undergraduate programmes						
(2016-17 admissions)						
Name of the Exam	Exam date		Delay (in days)	Publication of result		Delay (in days)
	As per exam calendar	Conducted on		As per exam calendar	Result published on	
Sem I	09.11.2016-23.11.2016	10.01.2017-30.01.2017	62	31.01.2017	22.02.2018	386
Sem II	03.07.2017-14.07.2017	20.07.2017-11.08.2017	17	31.08.2017	04.06.2018	277
Sem III	19.10.2017-30.10.2017	14.12.2017-12.01.2018	55	15.12.2017	30.07.2018	227
Sem IV	12.03.2018-28.03.2018	11.07.2018-30.07.2018	121	15.05.2018	19.12.2018	216
Sem V	04.12.2018-14.12.2018	14.12.2018-10.01.2019	10	30.01.2019	24.05.2019	113
Sem VI	01.04.2019-12.04.2019	08.04.2019-29.04.2019	7	27.05.2019	25.05.2019	-
(2017-18 admissions)						
Sem I	08.11.2017 - 22.11.2017	26.03.2018 - 09.04.2018	135	08.01.2018	11.10.2018	276
Sem II	19.03.2018 - 28.03.2018	12.10.2018 - 31.10.2018	206	15.05.2018	08.05.2019	359
Sem III	08.01.2019 - 18.01.2019	28.01.2019 - 26.02.2019	20	05.03.2019	04.07.2019	121
Sem IV	09.07.2019 - 19.07.2019	26.07.2019 - 16.08.2019	17	04.09.2019	20.02.2020	169
Sem V	04.12.2019 - 18.12.2019	05.12.2019 - 06.01.2020	-	05.02.2020	23.06.2020	138
Sem VI	23.03.2020 - 03.04.2020	02.06.2020 - 10.06.2020	71*	30.04.2020	27.08.2020	119*

\*Lockdown declared with effect from 24 March 2020

## Appendix 4.2

## Wrong opening of question paper packets by Colleges

(Reference: Paragraph 4.3)

Sl. No.	Name of College	Name of Examination	Subject	Date of Exam	Date of opening of Question Paper	Revised date of examination	Reason for wrong opening
1.	Sree Ayyappa College, Eramallikkara	S5 CBCSS B.Sc. Mathematics	MM 1545 – Abstract Algebra – 2014 Admission MM 1545 – Computer Programming – I – 2013 Admission	03.01.2017	23.12.2016	03.01.2017	College authorities reported that question papers were wrongly opened on 23.12.2016
2.	M.G College, Thiruvananthapuram	S6 CBCSS BA/B.Sc /B.Com	B.A. English – Core Course XIV – Women's Writing EN 1644 B.A. Economics – Core Course XIV – EC 1644 International Economics (2013 and 2014 Admission) B.A. Economics – Core Course XIV – EC 1644 International Economics (2015 Admission) History Core Course XIV HY 1644 – Twentieth Century Revolutions Sociology Core Course XIV – SG 1644.2 Sociology of Education Hindi Core Course XIV – HN 1644 Film: History and Production (2013 to 2016 Admission) Hindi Core Course XIV – HN 1644 Film: History and Production (2017 Admission) Malayalam Core Course XIV – Vivarthanam (2014 Admission onwards)	08.06.2020	06.06.2020	15.06.2020	College authorities reported that question papers were accidentally opened on 06.06.2020
		S5 B.Sc CBCSS	CH1542 – Inorganic Chemistry III (2017 Admission)	11.12.2019	09.12.2019	19.12.2019	College authorities reported that question papers were opened by mistake
		S5 B.Sc CBCSS	CH1542 – Inorganic Chemistry III (2014 to 2016 Admission)	11.12.2019	09.12.2019	19.12.2019	College authorities reported that question papers were opened by mistake
3.	Valia Koonambayikulam College of Engineering and Technology	S1S2 B.Tech	Engineering Chemistry	Rescheduled on 20.05.2019 from 10.04.2019	10.04.2019	12.06.2019	College authorities reported that they were unaware of rescheduling of the examinations

Sl. No.	Name of College	Name of Examination	Subject	Date of Exam	Date of opening of Question Paper	Revised date of examination	Reason for wrong opening
4.	Muslim Association College of Engineering, Venjaramoodu	S1S2 B.Tech	Engineering Chemistry	Rescheduled on 20.05.2019 from 10.04.2019	10.04.2019	12.06.2019	College authorities reported that question papers were opened by mistake
5.	BJMGC	B.Com Annual Part III March /April 2020	B.Com – Paper XIV – Management Accounting	09.06.2020	08.06.2020	26.08.2020	The e-mail regarding the rescheduling of examination was sent from the University on 03.06.2020. Also press release was issued. As per the email received from the Principal, due to non-availability of internet, the reschedule of said paper was brought to their notice on 09.06.2020.
6.	SN College Cherthala	S4 BA/B.Sc/ B.Com CBCSS	PS – 1431 – International Politics (2017 Admission)	20.03.2020	20.03.2020	11.09.2020	College authorities informed that due to lockdown imposed in the wake of COVID-19 pandemic, the college was unaware of postponing of the examinations on 20.03.2020
7.	SN College for Women, Kollam	S6 CBCSS BA/B.Sc/B.Com	ST 1431.3 (2013-2016 Admission)	20.03.2020	20.03.2020	11.09.2020	College authorities informed that due to lockdown imposed in the wake of COVID-19 pandemic, the college was unaware of postponing of the examinations on 20.03.2020
			ST 1431.3 (2013-2017 Admission)				
			ML 1431.3 (2014-2017 Admission)				
			ML 1431.1 (2018 Admission)				
			CH 1431.7 (2016 Admission)				
			PS 1431 (2014-2016 Admission)				
			PS 1431 (2014-2017 Admission)				
			CO 1431 (2018 Admission)				
			CO 1431 (2014-2017 Admission)				
			BO 1431 (2013 Admission)				
			BO 1431 (2014 Admission)				
			SK 1431.3 (2013 Admission)				
CG 1472 (2013 Admission)							
CO 1431 (2013 Admission)							
8.	S.G College, Kottarakkara	Fourth Semester CBCSS BA/B.Sc/B.Com	BO 1431	20.03.2020	20.03.2020	11.09.2020	College authorities informed that due to lockdown imposed in the wake of COVID-19 pandemic, the college was unaware of postponing of the examinations on 20.03.2020
			CO 1431				
			BO 1431				

## Appendix 4.3

## Conduct of examination with cancelled question papers

(Reference: Paragraph 4.3)

Sl. No.	Name of College	Name of Examination	Subjects	Date of Examination	Reason for conduct as per college authority
1.	NSS College, Nilamel	S6 CBCSS BA/B.Sc/B.Com	English 1644/CG 1642 Women's Writing QP Code J - 1661 EC 1644 International Economics QP Code J 1795 HY 1644 Twentieth Century Revolutions QP Code J - 1679 ML 1644 Vivarthanam QP Code J-1765	15.06.2020	The college authorities distributed the cancelled question paper (Wrongly opened by MG College on 06.06.2020 instead of the correct question paper)
2.	SN College, Chengannur	S5 B.Sc Mathematics CBCS 2013 and 2014 Degree Examinations	Abstract Algebra (MM1545 for 2014 Admission) and Computer Programming-1 (MM1545 for 2013 Admission)	03.01.2017	The college authorities conducted the examination with cancelled question paper which was wrongly opened by Sree Ayyappa College, Eramallikara on 23.12.2016 though it was ordered by Vice-Chancellor (29 December 2016) to recall the question papers distributed and conduct the examination with new set of question paper as per the scheduled date (03.01.2017)
3.	NSS College, Pandalam	S5 B.Sc Mathematics CBCS 2013 and 2014 Degree Examinations	Abstract Algebra (MM1545 for 2014 Admission) and Computer Programming-1 (MM1545 for 2013 Admission)	03.01.2017	The college authorities conducted the examination with cancelled question paper which was wrongly opened by Sree Ayyappa College, Eramallikara on 23.12.2016 though it was ordered by Vice-Chancellor (29 December 2016) to recall the question papers distributed and conduct the examination with new set of question paper as per the scheduled date (03.01.2017)

## Appendix 4.4

## Answer scripts lost from the University

(Reference: Paragraph 4.5.1)

Year	Examination	No. of answer scripts missing	Remedial action taken	Whether responsibility was fixed
2013-14	Final Year BA Arabic Degree Examination April / May 2014 (Paper II), MSM College, Kayamkulam	1	Special Examination was conducted on 16.03.2017 and result was published on 29.03.2017	No, The Section Officer and the then Assistant Registrar had not even reported to higher officials to intervene in this matter.
2015-16	BA CBCSS, S1 Dec 2016 – Hindi KNM College of Arts and Science, Kanjiramkulam	10	The students appeared for Supplementary Examination conducted in January and November 2018 and also in subsequent chances. The candidates were not permitted to appear in exams without remitting fees Crime Branch Enquiry in progress.	No
2016-17	BA English and Communicative English, S3 Dec 2017, National College, Ambalathara	2	Though it was informed that special examination would be conducted, the candidates did not respond to the matter	No
2016-17	B.Sc CBCS, S5 Dec 2017, MM1541 Real Analysis I, Mathematics, SD College, Alappuzha	5	No special examination was conducted	No
2017-18	M.Sc Physics, S1, Government College, Karyavattom	1	Special Examination was conducted on 23.07.2019 and the result was published on 28.11.2019 Case registered in Crime Branch. Case is under Investigation (08.01.2021)	No
2017-18	BA Annual Part II, April / May 2018, Hindi	15	Candidates were permitted to write supplementary examination (September 2018) held on 07.03.2019 out of which only seven candidates passed that year. Case reported to State Police Chief	No (Only a hearing was conducted)

Year	Examination	No. of answer scripts missing	Remedial action taken	Whether responsibility was fixed
2017-18	S1 and S2 B.Tech Degree Paper III – Engineering Chemistry (2013 Scheme), April 2018, Rajadhani Institute of Engineering and Technology, Attingal	5	Candidates appeared for both supplementary and special examination Supplementary examination (February 2019) was conducted on 12.06.2019 and the special examination was conducted on 05.08.2019. The result of the special examination was uploaded on 05.09.2019	No
2017-18	B.Com Computer Application, S2 Financial Accounting, August 2018	2	Special Examination was conducted on 10.06.2020 and result was published on 13.08.2020	Awaiting hearing of officials concerned of Central Valuation Camp II (CVC II Section)
2018-19	MASLP, S4 July 2018, Fluency Disorders, NISH	9	Re-examination conducted for candidates on 23.03.2019 and result was published on 27.03.2019	No, it was replied that no legal action could be taken against the courier company since the contract was between the Examiner and the Courier Company.
2019-20	CBCSS BA Economics, S3 October 2019, SD College, Alappuzha	1	No action taken for conduct of special examination. File under process	No
2019-20	B.Com - Commerce and Hotel Management and Catering Degree – S2 Examination, May 2019, SN College, Sivagiri	1	Re-examination conducted for the candidate on 21.10.2020 and marklist uploaded on 23.10.2020	As per Syndicate minutes dated 05.03.2021, it was decided to recover an amount of ₹10,000 as calculated expense for the conduct of examination from the Assistant Registrar, Office Superintendent and staff of PCVC Section
2019-20	CBCSS BA English, S2 May 2019, SD College, Alappuzha	3	No action taken. File under process	No
2019-20	M.Com (Finance) Degree Private Registration Examination January/ February 2019	1	No mention about any examination conducted	No mention about any responsibility fixed against the official concerned
<b>Total Papers Missing</b>		<b>56</b>		

## Appendix 4.5

## Answer scripts lost from the college / teachers assigned with evaluation

(Reference: Paragraph 4.5.1)

Year	Examination	No. of answer scripts missing	Remedial action taken	Whether responsibility was fixed
2015-16 (College)	S1 BA Malayalam Improvement Examination 2016, NSS College, Nilamel	1	No mention about the conduct of examination	Responsibility was not fixed. Only a warning was given to Additional Superintendent and Invigilator not to repeat such incidents in future.
2015-16 (Additional Examiner)	B.Com Degree Examination, Paper IV – Financial Accounting	4	No special examination was conducted for them	The Standing Committee held on 11.01.2017 heard the additional examiner and recommended to give strict warning and to debar the person responsible permanently from all examination duties. Whether penalty was imposed could not be traced.
2017-18 (Faculty)	B.Des S5 Jan 2018 – History of Design and Fashion	1	Special examination was conducted on 14.01.2019 and result was published on 24.01.2019	Only a decision taken on 19.02.2019 to hear the teacher. Responsibility was not fixed against anyone.
2018-19 (College)	S4 BA CBCS Examination (Subject EN 1411.1 – Readings in Literature) July 2018	1	Special Examination was conducted on 06.06.2019 and the result was published on 07.06.2019	Responsibility was not fixed on the person concerned. Hearing Procedure pending against Principal and Chief Superintendent, SN College Chempazhanthy.
2018-19 (Chief Examiner)	S2 M.Sc Computer Science (SDE) Examination November 2018 - Graphics and Multimedia Systems	3	The examination of Paper - Graphics and Multimedia Systems was held on 12.12.2018 and the result was published on 21.08.2019. The candidates have applied for revaluation. The last date for applying for revaluation was on 12.09.2019 and revaluation result was scheduled to be published on 02.10.2019. Result not published for three candidates as the paper was irrecoverably lost	The hearing process is pending against the Chief Examiner.

Year	Examination	No. of answer scripts missing	Remedial action taken	Whether responsibility was fixed
2019-20 (UIM)	S3 MBA Degree Examination, May 2019 – Integrated Marketing Communication (IMC) – UIM Vadakkal	32	Special Re-examination was conducted on 07.01.2020 and result published on 17.01.2020. Out of the 32 students, only four appeared for the examination. Supplementary examination for the same paper was held on 24.01.2020. 28 candidates appeared out of 32. All 32 candidates remitted supplementary examination fee online through their candidate profile.	The Principal-in-charge, UIM Vadakkal, Alappuzha was debarred from exam duty for a period of one year till March 2021.
<b>Total papers missing</b>		<b>42</b>		



### Appendix 4.6

#### Recommendations of the Expert Committee which were not implemented by the University

(Reference: Paragraph 4.6)

Sl. No.	Recommendations	Whether implemented
1	The structure of SQL database needs to be modified for effective implementation of the moderation system	Yes
2	Examine other modules of the software for making the system perfect by using an external agency	No
3	All examination software should be externally audited periodically	No
4	Security auditing to be implemented with an external agency like STQC, CERT etc.	No
5	Biometric additional layer security to the existing user ID and password for making the system more secure	No
6	Entrust an external agency to study the entire work flow system including all software and security system for the effective operations of the exam system	No
7	Power delegation and control mechanism should be derived for maintaining coordination between Computer Centre and IT Cell	Yes
8	Special attention be given to the examination wing for maintaining the clarity of moderation. Moderation should be effected by a three-tier system under the control of Deputy Registrar	No
9	IT Training should be given to all personnel and should include the details of accessibility at each level of the software system.	Yes
10	After the moderation is affected and result sheet is generated, the database should be locked and more changes should be possible only with the appropriate orders of Controller of Examinations which should be recorded properly	Yes
11	The remaining part of the investigation should be left to Cyber Cell experts for final conclusion	No

**Appendix 5.1**

**Shortage of Infrastructure Facilities in UITs**

*(Reference: Paragraph 5.1.1)*

Name of the UIT	Requirements as per UGC	UIT Adoor	UIT Kollam	UIT Yeroor	UIT Karuvatta	UIT Sasthamcotta	UIT Mannady	UIT Veli	UIT Azhoor	UIT Mannancherry
Year of Functioning	NA	1995	1996	2006	2012	2012	2015	2017	2017	2017
Whether any land earmarked	Undisputed ownership and possession of land measuring not less than two acres if it is located in metropolitan city and five acres if it is located in other areas	Own 50 cents	Owned by Kollam Corporation 50 cents	Land of Government School Whether land earmarked - Not specified	Land under Lease - 62 cents	Own 60 cents	Own 20 cents	Owned by General Education Department – 1.50 acres	Not specified	On lease – 40 cents
Functioning of UIT	Academic building sufficient to accommodate the faculties, lecture / seminar rooms, library and laboratories with a minimum of 15 sq.ft per student in lecture / seminar rooms / library and 20 sq.ft per student in each of the laboratories.	Rented Building	Own building	Own building	Own Building	Building owned by Panchayat Rented Building	Rented Building	Own building	Rented Building	Building owned by Panchayat
Class Rooms	15 sq.ft per student in lecture rooms	6	13	8	10	8	5	2	6	6
Computer Lab	20 sq.ft per student in each of the laboratories.	Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	No
Seminar Hall	Minimum 15 sq.ft per student in lecture / seminar rooms / library	No	Yes	No	No	Yes	No	No	No	Yes

Name of the UIT	Requirements as per UGC	UIT Adoor	UIT Kollam	UIT Yeroor	UIT Karuvatta	UIT Sasthamcotta	UIT Mannady	UIT Veli	UIT Azhoor	UIT Mannancherry
Library	Academic building sufficient to accommodate the seminar rooms, library and laboratories with a minimum of 15 sq.ft per student in lecture / seminar rooms / library	Yes	Yes	Yes	Yes	Yes	No	No	Yes	No
Principals Room		Yes	Yes	No	Yes	Yes	Yes	Yes	Yes	Yes
Staff Room	Academic building sufficient to accommodate the faculties, etc	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Office		Yes	Yes	Yes	Yes	Yes	Yes	No	Yes	Yes
Strong Room with CCTV for storing Question Papers and Answer sheets	No Specific Norms	In Principal's Room But no CCTV	2 (One Room and Principal's Room) with no CCTV	No	No	No	No	Yes (No CCTV)	No	Yes (no CCTV)
Smart Classrooms	No Specific Norms	No	No	No	No	No	Yes	No	No	No
Canteen	Local requirements as decided by the University	No	No	No	Not as a canteen but a small facility for providing light refreshment to Students	No	No	No	No	No
Security		No	No	Yes	Yes	Yes	Yes	Yes	Yes	No
Stationery Stores and Reprographics	No specific Norms	No	Yes	No	No	No	No	No	No	No
Auditorium	Local requirements as decided by the University	No	No, one stage only	No	No	No	No	No	No	No, work not completed
First Aid cum Sick Room	Local requirements as decided by the University	Yes	No	No	Yes	Yes	No	No	Yes	Yes

Name of the UIT	Requirements as per UGC	UIT Adoor	UIT Kollam	UIT Yeroor	UIT Karuvatta	UIT Sasthamcotta	UIT Mannady	UIT Veli	UIT Azhoor	UIT Mannancherry
Toilets (Ladies and Gents)	Adequate civil facilities for essentials like water, electricity, ventilation, toilets, sewerage etc., in conformity with the norms laid down by the Central / State PWD.	4	9	2	3	5	3	3	4	6
Boys Common Room	Local requirements as decided by the University	No	No	No	No	No	No	No	No	No
Girls Common Room		Yes	No	No	No	No	No	No	No	No
Playground / Sports facilities		No	No	No	No	Yes	No	Yes	No	Yes
Hostel Facilities for Boys and Girls		No	No	No	No	No	No	No	No	No
Parking Facilities for vehicles		No	Yes	No	Yes	Yes	No	Yes	Yes	Yes
No. of Computers with Internet Facilities	No specific Norms	21 computers with net connectivity in all of them	19 computers, three with net facility	Seven working out of 19 computers; internet connection - four nos.	17 computers, one with net connection	14 computers two with net connections	20 computers with Wi-Fi	3 computers, one with net connections	28 computers, three with internet connections	One computer with net connection
Reasons		Lack of space – Functioning in rented building	Only requirement appointment of clerical staff	No reply	PTA Fund does not suffice	Rented building with limited facility	Lack of Space	Inadequacy reported to University. Facilities will be provided once construction of new building and renovation of existing building is completed	Measures taken to shift to a permanent setup and more funds required for smooth functioning of UIT	Constantly approaching the University for infrastructural improvements and initiated steps to generate funds from MLA/MP funds.

## Appendix 5.2

## Shortage of Infrastructure Facilities in UIMs

(Reference: Paragraph 5.1.1)

Infrastructure Facilities	Requirements as per AICTE Handbook 2019-20	UIM Adoor	UIM Alappuzha
Year of Functioning		2005	2003
Functioning of UIM	Appendix 4.1 – Land Requirement for Technical Institutions – Management - Requirement of one acre of land in Rural Areas and 0.5 acres of land in Urban Areas for Institutions offering only Post Graduate Programmes (MCA/ Post Graduate Diploma/ MBA)	In rented building	Own Building in 27 cents of land owned by University of Kerala
Tutorial Rooms	Requirement of 25 per cent of total class room as per Appendix 4.2.1 (I) Instructional Area	Yes, four	No
Computer Centre	Requirement of one Computer Centre as per Appendix 4.2.1 (I) – Instructional Area	Yes, one	No
Strong Room for storing Question Papers and Answer sheets	No specific norms for storing question papers and answer sheets. Chapter VI – Norms and Requirements – 6.6 (c) – Safety and security measures in the campus - CCTV shall be installed in the campus at appropriate locations within the premises of an Institution	Yes, one, but without CCTV Cameras	No
Canteen	Requirement of one Cafeteria as per Appendix 4.2.3 Amenities Area – AICTE Hand book 2019-20	No	No
Security	Requirement of one room as per Appendix 4.2.2 – Administrative Area	No	No
Stationery Stores and Reprographics	Requirement of one room as per Appendix 4.2.3 – Amenities Area – AICTE Hand book 2019-20	No	No
First Aid cum Sick Room	Essential requirement of Technical Institutions (Item No.26) as per Appendix 6 and Appendix 4.2.3 – Amenities Area – AICTE Hand book 2019-20 – one number	No	Yes
Boys Common Room	One number as per Appendix 4.2.3 – Amenities Area – AICTE Hand book 2019-20	Yes, one	No
Girls Common Room	One number as per Appendix 4.2.3 – Amenities Area – AICTE Hand book 2019-20	Yes, one	No
Parking Facilities for vehicles	Essential requirement as per Appendix 6 of Norms for Essential requirements (Item No.37) of the Technical Institutions	No	No
Exam Halls with CCTV	Chapter VI – Norms and Requirements – 6.6 (c) – Safety and security measures in the campus - CCTV shall be installed in the campus at appropriate locations within the premises of an Institution.	No Halls with CCTV	No Halls with CCTV
Smart Class Rooms	Requirement of one class room per division per year as per (Appendix 4.2.1 (I) – Instructional Area - Management (PGDM/ MBA) Institution) Each class room shall be equipped with LCD projector, Smart Board, Internet Connection, etc.	Yes	No
Massive Open Online Courses (MOOC) Facility Centre and Innovation Laboratory	Appendix 4.2.1 (I) - Institutions shall have MOOCs Facility Centre and Innovation Laboratory	No	No

Infrastructure Facilities	Requirements as per AICTE Handbook 2019-20	UIM Adoor	UIM Alappuzha
No. of Computers with Internet Facilities	Appendix 5 – Norms for Computers / Software / Internet / Printer Number of PCs/ Laptop to student ratio (Minimum 20 PCs) 1:6 For approved intake of Students up to 300 - Internet speed 32 mbps is required	One PC with high-speed net connection	One PC with 12 mbps net connection
Reasons for shortage of facilities		Constraints due to rented facilities	No reply received

## Appendix 5.3

## Details of availability of facilities for the differently abled students

(Reference: Paragraph 5.3)

Sl. No.	Name of institution	Ramps	Institutions functioning in multi-storey building - Lifts	Disabled friendly toilets	Braille Software/ Facilities
1.	Aquatic Biology and Fisheries	Yes	No Lift – Multi-storey Building	Yes	No
2.	Physics	Yes	No Lift – Multi-storey Building	Yes	No
3.	Psychology	No	No Lift – Multi-storey Building	No	No
4.	Botany	Yes	No Lift – Multi-storey Building	Yes	No
5.	Institute of Management in Kerala	Yes	No Lift – Multi-storey Building	Yes	No
6.	Biotechnology	Yes	No Lift – Multi-storey Building	No	No
7.	Statistics	No	No Lift – Multi-storey Building	No	No
8.	Computer Science	Yes	No Lift – Multi-storey Building	No	No
9.	Tamil	Yes	Yes – Multi-storey Building	Yes	No
10.	Malayalam	Yes	Yes – Multi-storey Building	Yes	No
11.	Linguistics	Yes	Yes – Multi-storey Building	Yes	No
12.	Future Studies	No	No Lift – Multi-storey Building	No	No
13.	Political Science	Yes	No Lift – Multi-storey Building	Yes	No
14.	Library and Information Science	No	No Lift – Multi-storey Building	No	No
15.	UIT Veli	No	Single-storey Building	No	No
16.	UIT Azhoor	No	Single-storey Building	No	No
17.	UIT Adoor	No	Single-storey Building	Yes	No
18.	UIT Mannady	No	Single-storey Building	No	No
19.	UIT Mannancherry	Yes	Single-storey Building	No	No
20.	UIT Kollam	Yes	No Lift - Multi-storey Building	No	No
21.	UIT Sasthamcotta	No	Single-storey Building	Yes	No
22.	UIT Karuvatta	Yes	Single-storey Building	Yes	No
23.	UIT Yeroor	Yes	Single-storey Building	No	No
24.	UIM Adoor	No	No Lift - Multi-storey Building	No	No
25.	UIM Alappuzha	No	No Lift - Multi-storey Building	No	No
26.	KUCTE Karyavattom	No	No Lift - Multi-storey Building	No	No
27.	KUCTE Anchal	No	No Lift - Multi-storey Building	No	No
28.	KUCTE Aryad	Yes	Single-storey Building	Yes	No
29.	University College of Engineering, Karyavattom	Yes	No Lift - Multi-storey Building	No	No

## Appendix 5.4

## Details relating to security audit of software/ websites

(Reference: Paragraph 5.4.4)

Sl. No.	Name of the software used	Year of development of software	Whether developed in-house/ outsourced	Whether financial reports generated through the software	Whether Security auditing has been done (Yes/No)	Name of the agency for security audit	Progress of security audit of software entrusted
1.	Official website of University of Kerala	2016	in-house	No	Yes	CDAC	In progress. First level reported.
2.	Admission Software (UG, PG, CSS PG, M.Phil, B.Ed, MBA, IMK, UIM, Evening, M.Tech)	PG - 2011, UG - 2012, CSS PG - 2016, MBA - 2017, M.Tech - 2018, B.Ed - 2020	in-house	No	No		
3.	Online Payment Portal	2017	in-house	Yes	No		
4.	IQAC Website	2016	in-house	No	No		
5.	Recruitment software for regular teaching posts	2017	in-house	No	No		
6.	KUCC Website	2018	in-house	No	No		
7.	Feedback collection for IQAC	2019	in-house	No	No		
8.	Recruitment software for contract teaching posts	2019	in-house	No	No		
9.	Digital Garden	2020	in-house	No	No		
10.	UKAA Website	2020	in-house	No	No		
11.	Recruitment software for non-teaching contract posts	2020	in-house	No	No		
12.	Recruitment software for casual labourers (daily wages)	2020	in-house	No	No		
13.	Cash counter software	2015	in-house	Yes	No		
14.	Admission portal for Annual Scheme students	2015	in-house	No	No		
15.	Exam registration portal for Annual Scheme students	2015	in-house	No	No		
16.	Exam registration portal for SDE Semester students	2017	in-house	No	No		
17.	Research Entrance	2014	in-house	No	No		
18.	Research Portal	2010	in-house	No	No		
19.	DDFS		Outsourced		No		
20.	CV Camp	2014	in-house	No	No		



Sl. No.	Name of the software used	Year of development of software	Whether developed in-house/ outsourced	Whether financial reports generated through the software	Whether Security auditing has been done (Yes/No)	Name of the agency for security audit	Progress of security audit of software entrusted
21.	Examination Portal	2018	in-house	No	Yes	IT Mission	
22.	Hostel Portal	2017	in-house	No	No		
23.	Hostel Portal New	2020	in-house	No	No		
24.	Index card	2012	in-house	No	No		
25.	Migrating Jobs (Staging Server)	2013	in-house	No	No		
26.	Online Examination	2017	in-house	No	No		
27.	Physical Education Portal	2017	in-house	No	No		
28.	SDE Administration		in-house	No	No		
29.	SDE Admission		in-house	No	No		
30.	SDE Student Portal semester registration CA Mark publishing fee registration		in-house	No	No		
31.	Private Registration Admission and Exam Registration Portal Private Registration admission staff	2015	in-house		No		
32.	Campus Library Staff Admin Page	2019	in-house		No		
33.	Campus Library OPAC	2019	in-house		No		
34.	University of Kerala Learning Management System (Moodle)	2019	in-house		No		
35.	OPAC of University of Kerala - Library	2017	in-house		No		
36.	Bibliographic details of articles published in Journals and newspapers	2020	in-house		No		
37.	Official mail management portal	2016	in-house		No		
38.	Details of Journals and Publications of Faculty of University of Kerala	2019	in-house		No		
39.	Tabulation software for B.Tech and B.Tech part-time courses	2002	in-house		No		
40.	Tabulation software for B.Tech restructured courses	2012	in-house		No		
41.	Tabulation software for B.Arch course	2011	in-house		No		
42.	Tabulation software for B.Ed course	2008	in-house		No		
43.	Tabulation software for B.Ed Special Education course	2015	in-house		No		
44.	Tabulation software for B.P.Ed Special Education course	2013	in-house		No		
45.	Tabulation software for PG Special Education course	2001	in-house		No		

Sl. No.	Name of the software used	Year of development of software	Whether developed in-house/ outsourced	Whether financial reports generated through the software	Whether Security auditing has been done (Yes/No)	Name of the agency for security audit	Progress of security audit of software entrusted
46.	Tabulation software for M.Tech Special Education course	2011	in-house		No		
47.	Tabulation software for MBA Special Education course	2011	in-house		No		
48.	Tabulation software for MCA Special Education course	2011	in-house		No		
49.	Tabulation software for LLB Special Education course	2011	in-house		No		
50.	Tabulation software for BMMAM Special Education course	2015	in-house		No		
51.	Tabulation software for CBCS Prior to 2013 course	2010	in-house		No		
52.	Tabulation software for CBCS 2013 course	2013	in-house		No		
53.	Tabulation software for B.Sc Electronics/Computer Science/ BBA (2008)	2008	in-house		No		
54.	Tabulation software for B.Sc Electronics/Computer Science/BBA (2005)	2005	in-house		No		
55.	Tabulation software for B.Voc Course	2014	in-house		No		
56.	Tabulation software for BHM Course	2014	in-house		No		
57.	Tabulation software for Hearing Impaired courses	2013	in-house		No		
58.	Annual Scheme Tabulation software	2014	in-house		No		
59.	Official Website of CSS, University of Kerala	2020	in-house		No		

## Appendix 5.5

## List of buildings constructed without permission from local bodies

(Reference: Paragraph 5.5.1)

Sl. No.	Name of the work	Building permit No.	Date of completion	Occupancy certificate (Sanction No.)
1	Construction of geological museum and rock garden in Department of Geology (civil and electrical works)	Not applied	17.03.2020	Not applied
2	Platinum jubilee Academic complex for schools (civil and electrical works)	Not applied	31.12.2018	Not applied
3	Multi-purpose conference hall, Karyavattom campus	Not applied	Not completed	Not applied
4	Construction of Multi-purpose indoor court at Senate House campus	Applied for building permit file No. E11/BA/0237/2014	18.05.2016	Not applied
5	Vertical Extension of University Library at Palayam	Applied for building permit file No. E10/BA/0251/2015	18.06.2018	Not applied
6	Vertical Extension of Women's hostel building at Karyavattom campus	Not applied	23.03.2017	Not applied
7	Construction of New building for Department of Computer Science	Not applied	15.11.2016	Not applied
8	Construction of students Amenity centre at Senate House Campus	Applied for building permit file No. E11/BA/0274/2014	26.11.2016	Not applied
9	Construction of SICC building at Karyavattom using RUSA fund	Not applied	24.12.2018	Not applied
10	Computer science building first floor extension	Not applied	16.01.2018	Not applied
11	Vertical Extension of IMK-IDE building	Applied for building permit file No. E11/BA/0237/2014	Not completed	Not applied
12	Construction of new building for Centre for Nanoscience and Nanotechnology	Not applied	02.05.2019	Not applied
13	Vertical Extension of new block of Dept of Environmental Science (Two floors)	Not applied	08.06.2019	Not applied
14	Construction of new canteen building at Senate House campus	Not applied	06.11.2015	Not applied
15	Extension to CE building at Senate House campus	Not applied	31.01.2019	Not applied
16	Construction of biodiversity building	Not applied	18.07.2019	Not applied

## Appendix 5.6

## Delayed/ incomplete works

(Reference: Paragraph 5.5.2)

Sl. No.	Name of work	Date of sanction and amount of AS	Current Status	Reason for delay
1.	Geological Museum and Rock Garden	July 2012 and August 2013 AS: ₹ two crore	Civil and electrical works were completed (March 2020) at a cost of ₹1.39 crore. The remaining works including interior works, landscaping and procurement of equipment are yet to be arranged.	<p>Though, the Architectural Consultant submitted detailed estimates and drawings in June 2014, several discrepancies were noticed and the estimates were not complete. The consultant submitted the final estimates and drawings only in February 2015 and the civil work was tendered and awarded to lowest bidder in June 2015. Due to protests by students against cutting of trees, the site for the project had to be shifted to another place. The new site was handed over to the contractor only in January 2016.</p> <p>The due date for completion of civil works was October 2016 (270 days from date of handing over of site). However, the civil works were seen completed only in March 2020.</p> <p>Meanwhile, the change in project site necessitated a revision of the estimates which were submitted by the consultant only in November 2017. Even though University had a full-fledged Engineering Department, the University decided (February 2018) to seek expert opinion regarding whether the revised estimate is genuine. Subsequent to getting expert opinion the revised estimate was approved by the University in February 2019.</p> <p>Thus, the delay on the part of the University in providing unhindered land and approving revised estimates coupled with delay on the part of the consultant and contractor resulted in non-materialising of the project.</p> <p>It was seen that a fine of ₹14.90 lakh was collected from the contractor for delay in execution of the work.</p>
<p>Government replied (13 December 2021) that Geological Museum and Rock Garden -the work had been completed in all respects on 17 March 2020. A fine of ₹14.90 lakh was recovered from the contractor concerned.</p> <p>The reply is not tenable as it is silent about the delay of University in approving the revised estimates. Further, the University had failed to penalise the consultant for delay in providing the estimates and drawing and for non-production of drawings for the interior works and landscaping. Even though the civil work was completed in March 2020, the work of landscaping and interior works had not commenced and hence the Project was still incomplete (August 2021).</p>				
2.	Vertical extension of Kerala University Library, Palayam	March 2011 AS: ₹ three crore	Civil works were completed in June 2018 and the electrical work was awarded to a contractor in October 2020. The work on supply, installation and testing of lift and air-conditioner were pending (August 2021). An expenditure of ₹1.15 crore has so far been incurred.	<p>The University entered into contract with architectural consultant in January 2014 requiring that the drawing and estimates be submitted within 12 weeks. However, the consultant submitted the same only in July 2015. The University Engineer reported that there were discrepancies in the estimates submitted and that the Bill of Quantities were not produced. Accordingly, the final copy of estimates and Bill of Quantities were submitted by the consultant in December 2015.</p> <p>Accordingly, the work was tendered and awarded to a contractor in February 2016. The site was handed over in February 2016 with due date for completion as December 2016 (300 days from date of handing over of site).</p> <p>During progress of the work, it was seen that revisions were required to the drawings submitted by the consultant. Accordingly, the consultant revised the drawings and submitted the same in February 2017. This resulted in delay in completion of civil works.</p> <p>Due to delay in completion of civil works, the contractor to whom electric work was awarded (December 2016), requested to cancel the tender. The electric work was</p>

Sl. No.	Name of work	Date of sanction and amount of AS	Current Status	Reason for delay
				retendered (October 2019) and awarded to a contractor in October 2020. Thus, delay on the part of the consultant in submitting estimates and drawings, delay on the part of contractor in completing civil works and lack of proper scrutiny on the part of University Engineering Department resulted in the work remaining incomplete. It was seen that a fine ₹50,000 and ₹1.50 lakh was imposed on the consultant and contractor respectively for delay. However, no fine was imposed on the consultant for delay of 20 months in submission of drawing which resulted in delay in tendering of the work.
<p>Government replied (13 December 2021) that Vertical Extension of Kerala University Library, Palayam – the Civil work was completed on 18.06.2018 and electrical work was completed on 16.04.2021.</p> <p>The reply is not tenable. There was no proper co-ordination in carrying the work by the consultant, Engineers of the University and the contractor, which had resulted in inordinate delay in the execution of civil work and electrical work, and non-completion of other minor works (installation of lift, air conditioner) which led to non-achievement of the intended objective. The building had still not been put to use (August 2021). Further, it was also observed that although the agreement was executed with the consultant on 01.01.2014, final Bill of Quantity for e-tendering was submitted only on 03.12.2015 which led to delay in e-tendering (08.01.2016). No fine was imposed for the same.</p>				
3.	Renovation of old guest house building at Senate House Campus	December 2016 AS amount: ₹55 lakh	Owing to slow progress of work the contract was terminated (October 2019) at the risk and cost of the contractor. University informed that the work could not be rearranged due to non-availability of funds as the work was excluded from RUSA fund.	The work was awarded (November 2017) to a contractor with a period of completion of 180 days from the handing over of the site. Site was handed over to the contractor in December 2017. Contractor was able to complete only six <i>per cent</i> of work as of December 2018 despite direction from the Syndicate to the contractor to complete the work. RUSA inspection team after assessing the progress of work decided to exclude it from the assistance of RUSA fund. Owing to slow progress of work the contract was terminated (October 2019) at the risk and cost of the contractor. Audit observed that University is yet to recover the risk and cost amount from the contractor as prescribed under the PWD Manual. Further, no civil suit was filed against the contractor. Audit also observed that no action was taken by the University to rearrange the balance work. As a result, the guest house which houses several sections, SBI branch, etc., remains in a dilapidated condition.
<p>Government replied (13 December 2021) that Renovation of old guest house building at Senate House Campus - the initial contract of the work was terminated at the risk and cost of contractor and the work was retendered and opened on 05.09.2021. Actual liability over the former contractor can be fixed only after finalising the tender, steps for recovering the amount will be taken after the completion of the work.</p> <p>The reply is silent about not invoking risk and cost clause as stipulated in the section 2116.2 of the PWD Manual<sup>65</sup> and non-arrangement of balance work within the time as prescribed under section 2117<sup>66</sup> of the PWD Manual. As per the provisions of PWD manual (2116.2.1), the University is empowered to recover an amount of 30 <i>per cent</i> of the cost of the remaining works at agreed rates, even without arranging the work through another contractor. Hence the reply of the University that it is waiting for the work to be completed is not tenable.</p>				
4.	Establishment of Marine Museum	July 2012 and August 2013 AS: ₹ two crore	Work is yet to be completed. University informed (September 2021) that due to state-wide lockdown as a result of the COVID-19 pandemic, extension was granted up to August 2021. Now the contractor	The project was proposed to be implemented in the land handed over to the University by District Panchayat at Akkulam. However, the work could not progress at the proposed site due to dispute over ownership of land. Subsequently, in March 2017, a revised proposal was submitted proposing the establishment of the museum at University Campus, Karyavattom. Accordingly, the Syndicate approved the estimate for civil works of Marine Museum in December 2019 and the work was awarded (September 2020) to a contractor. The new site was handed

<sup>65</sup> Concerning termination of contract if the contractor does not take over the site in time

<sup>66</sup> As expeditiously as possible (within 90 days of the termination of the contract)

Sl. No.	Name of work	Date of sanction and amount of AS	Current Status	Reason for delay
			has requested additional 75 days of extension and the work is in progress.	over to the contractor in December 2020 with time of completion of 180 days (Due date 14 June 2021). Thus, the project sanctioned in 2013 is yet to materialise due to the failure of the University in identifying unhindered land.
<p>Government replied (13 December 2021) that Establishment of Marine Museum – the work was awarded to a contractor in September 2020. The work had been completed. Tenders had been invited for electrical work with opening date as 23.11.2021. The reply is not tenable as ₹ one crore each had been released towards the project during 2012-13 and 2013-14. It was only civil work that had commenced at an estimated cost of ₹69 lakh; other items of work required for a museum, like collection of specimens, facilities for its display etc., were yet to commence. Thus, the objectives of establishing a Marine Museum as an educational tool for understanding the relevance of oceans and its biodiversity and to provide source material for the Taxonomists and Biotechnologists to pursue their research could not be achieved even though ₹two crore was released by the Government seven years ago.</p>				
5.	Vertical extension of IMK-IDE building	March 2017 AS: ₹2.15 crore	35 per cent of the work completed as of January 2021. The contractor requested (July 2021) to grant five months' time for completion of work without imposing any penalty.	<p>The civil work was tendered and awarded to a contractor in June 2017. The work was to be completed in 240 days from the date of handing over of the site.</p> <p>However, Audit observed that the site could be handed over by the University to the contractor only in March 2019 as the proposed site was dumped with old damaged furniture and scrap material. Subsequently, though the contractor started the work, the progress of the work was slow and only 35 per cent of the work was completed as of January 2021.</p> <p>Further, it was also observed that the ground floor of the building continued to be used for keeping University exam papers which posed as a hindrance to execution of the work and the same was intimated by the contractor to the University. However, the University is yet to take a decision on the matter.</p> <p>Thus, delay in handing over of hindrance free site by the University resulted in delay in completion of the project.</p>
<p>Government replied (13 December 2021) that Vertical Extension IMK- IDE building Senate House building - the major delay of this work was due to the reasons on the part of the contractor. As per the agreement, the work had to be completed on 22.11.2019. The contractor failed to execute supplementary agreement for the extension of time of completion. Hence show cause notice had been issued to him. In response the contractor forwarded a legal notice.</p> <p>The reply is not tenable as the site was handed over after a delay of 18 months from the date of execution of agreement. Further, even though the contractor had not applied for any extension of the time of completion (TOC) of the work even after the expiry of original TOC, the University had taken no action to terminate the contract. Thus, the project intended for strengthening the University infrastructure facilities, started in September 2013 could not be completed till date (August 2021) due to delay in handing over of hinderance free site and lack of monitoring and follow-up by the University authorities.</p>				