



UNIVERSITY OF COLOMBO SCHOOL OF COMPUTING

ANNUAL REPORT

2024

VISION

*Be a Global Leader in
Computing Education,
Advancing the Frontiers of
Knowledge through Teaching,
Learning and Research*

MISSION

*To Advance and Enhance Computing Studies,
Fostering international relations and collaborations,
Promoting cross-disciplinary research,
Producing socially responsible scholars
With entrepreneurial skills, Leadership qualities and integrity
Contributing to the national goal of promoting the country
as the Knowledge hub in the region*

VALUES

U - UNITY

We believe in the power of collaboration and teamwork to achieve common goals and foster a supportive environment.

C - CREATIVITY

We encourage innovative thinking and the pursuit of new ideas to drive technological and social advancements.

S - SATISFACTION

We strive to ensure that our community members find fulfillment and contentment in their academic and professional pursuits.

C - COMFORT

We are committed to creating a welcoming and inclusive environment where everyone feels safe, respected, and valued

GOALS

1. To be among the top 50 computing educational institutes in the South Asian region
2. To exceed 100 interdisciplinary research papers published in refereed peer reviewed publications annually, including at least 25 in indexed journals
3. To uplift the standards of professionalism among students and staff.
4. To enhance the capacity of infrastructure facilities and human capital.
5. To enhance the institutional image in the South Asian region.
6. To be the leading contributor to the promotion of computing education and applications in society.

DIRECTOR'S REVIEW

I proudly present the Annual Report 2024 of the University of Colombo School of Computing (UCSC) with great pleasure. As a center of excellence in teaching and learning in computing in the country, which is the main goal of UCSC, this report presents the accomplishments as well as challenges faced during undergraduate, postgraduate, and external degree programs as well as the general administration activities conducted during the year 2024. Almost all activities were performed physically and we are pleased to report that nearly all activities at the UCSC had been completed successfully for the year 2024.



In 2024, 345 internal undergraduate students, who got the opportunity to be enrolled through the UGC selection process, started their first-year academic activities in June 2024. Other than this, UCSC provided Computer Science courses for over 1000 undergraduates of the Faculty of Science of the University of Colombo. UCSC was able to produce 278 graduates in the areas of Computer Science and Information Systems in the general convocation in October 2024, and more than 90% of these students were employed before their graduation.

Since there is a huge demand for computing education, UCSC continues its most crucial national service of conducting the Bachelor of Information Technology (BIT) external degree programme for which 2935 new students got the opportunity to be registered in 2024. UCSC was able to conduct Level 1, 2, 3 semester I exams of the BIT programme during the months of February/March 2024 and Level 1, 2, 3 semester II exams during the months of June/July 2024. UCSC was able to release the results of final year students, and 141 students received BIT degrees. At the same time, 849 students received the Diploma of Information Technology, and 200 students received the Higher Diploma of Information Technology during the external degree convocation and external degree awards ceremony for the year 2023. UCSC was able to register for the master's degree programme in January 2024 and the new batch of 259 students started their academic activities at the beginning of February 2024.

The financial performance for the year ended 31st December 2024 shows a 4% year-on-year (YoY) increase in total revenue, reaching Rs 1,075 Mn compared to Rs 1,030 Mn in 2023. Despite this growth, the total surplus declined by 17% to Rs 226 Mn, primarily due to a 12% rise in total expenses, which stood at Rs 848 Mn, driven by higher operational costs.

During the year, Rs 440 Mn was received as a Government Grant for Recurrent Expenditure. Exchange transactions (current) showed a modest 3% increase, totaling Rs 626 Mn, with significant growth in

Revenue from the Extension Programme, offset by declines in Interest Income. The financial performance of the Postgraduate Studies and External Degree Center positively contributed to the revenue of the extension programmes. The Government Grant for Capital Expenditure was not provided by the treasury during the financial year. Due to insufficient government allocation, Rs 118 Mn was utilized from generated funds and the UCSC Development Fund.

Operating expenditure rose by 14% to Rs 692 Mn, influenced by notable increases in Personal Emoluments and Expenditure for the Extension Programme. Throughout the year, UCSC spent Rs 43 Mn on capital expenditures, including rehabilitation work and the acquisition of fixed assets. The total cost per student spent by UCSC for the year 2024 was Rs 547,023.00.

Finally, I take this opportunity to express my gratitude to the Council, Senate, the Vice-Chancellor, the Registrar, the Board of Management, Academic Syndicate, Boards of Studies and Management Committee and all the staff of UCSC, where we faced so many challenges which could be converted as opportunities in coming years.

Dr. Ajantha Atukorale

Director /University of Colombo School of Computing (UCSC)

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Overview of the UCSC

The University of Colombo School of Computing (UCSC) [<http://www.ucsc.cmb.ac.lk>] was established as a Centre of Higher Learning on 1st September 2002 by merging the Institute of Computer Technology (ICT) and the Department of Computer Science (DCS) of the University of Colombo, by an Order made under Section 24 A(1) of the Universities Act No. 16 of 1978 as last amended by the Universities (Amendment) Act No.1 of 1995, with the purpose of providing, promoting and developing higher education in Computer Science, Information and Communication Technology. It is a Higher Educational Institute within the University of Colombo established to develop and promote computing studies in the country as well as an international knowledge hub in computing. The UCSC was granted financial autonomy, and its operations have been described in the Ordinance Gazette on 15th November 2002 (GZT NO. 1262/32) and amended to include the Centre for Digital Forensics on 22nd July 2011 (GZT NO. 1715/32).

According to the ordinance of UCSC, the University of Colombo School of Computing comprises 03 academic departments, namely;

- Department of Computation & Intelligent Systems (CIS)
- Department of Communication & Media Technologies (CMT)
- Department of Information Systems Engineering (ISE)

According to the ordinance of UCSC, the University of Colombo School of Computing has 06 centers:

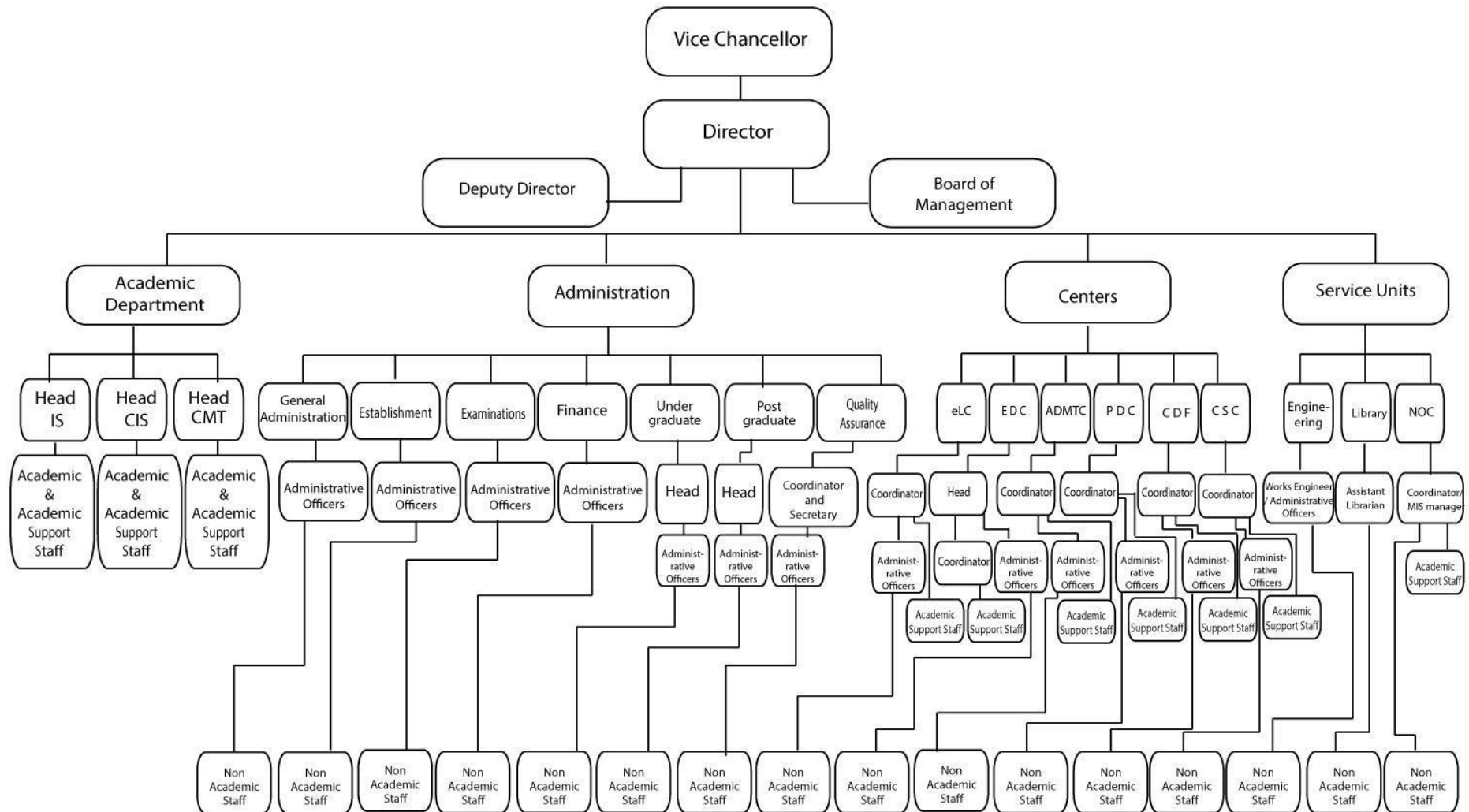
- Advanced Digital Media Technology Centre (ADMTC)
- Computing Services Centre (CSC)
- Center for Digital Forensics (CDF)
- External Degrees Centre (EDC)
- E-Learning Centre (eLC)
- Professional Development Centre (PDC)

More details about these departments and Centers are presented later in this annual report.

Organization Structure of UCSC - 2024

Based on the structure declared in the ordinance and current operational requirements, the organizational structure of UCSC has been established to carry out the management activities of the institute. The flow of authority and the allocation of staff have been coordinated according to the hierarchy given in the following diagram.

University of Colombo School of Computing – Organizational Structure



AT A GLANCE – KEY PERFORMANCE INDICATORS (KPIs) OF UCSC (2020-2024)

		2024	2023	2022	2021	2020
Education (Enrolled/Graduated)						
Internal Undergraduates	All	1092	1087	1036	997	929
	In	358	347	335	347	293
	Out	322	278	262	267	250
Science Undergraduates		1350	2080	1215	1157	972
Diploma in Information Technology (DIT) (External)	All	4209	4245	4101	2933	2649
	In	2935	3067	3786	2158	2416
	Out	849	754	491	575	651
Higher Diploma in Information Technology (HDIT) (External)	All	1546	1245	899	1128	1804
	In	650	885	1048	1361	1548
	Out	200	306	300	313	274
Bachelor of Information Technology (BIT) (External)	All	686	643	687	1034	1248
	In	188	130	133	300	289
	Out	141	150	207	350	284
Postgraduates	All	471	326	493	478	501
	In	260	211	210	280	270
	Out	157	180	57	184	126
Extension Programs		702	565	135	220	347
Foreign Students		9	3	11	14	14
Research						
Research (MPhil/PhD)	All	13/05	13/07	20/06	23/08	28/08
	In	9/00	00/2	2/00	4/2	2/00
	Out	1/00	1/2	1/00	2/1	3/00
Research Projects	All	14	16	20	18	12
	New	5	12	10	12	2
Publications		74	65	73	65	61
No. of Publications: No. of Academic Staff Members		74:50	65:50	73:53	65:61	61:46
No. of Citations		9976	6841	6463	6205	4829
Consultancy/R&D Projects						
	Local	22	23	14	13	7
Social Responsibility Programs		9	8	7	5	13

		2024	2023	2022	2021	2020
Governance						
Permanent Academic Staff	All	49	51	52	58	46
	Professors	8	8	8	5	3
	PhD	29	30	29	29	28
	Masters	10	9	9	10	9
Permanent Academic Support Staff		12	13	14	15	6
Temp Academic Staff (Instructors & Asst. Lect.)		45	44	44	32	39
Permanent Admin and Non-Ac Staff		57	59	62	62	62
Contract Staff (including casual & trainee)		25	21	20	25	41
Research/Project Staff		32	36	36	23	17
Finance						
Annual Recurrent Expenditure (Millions LKR)		692	602	572	555	520
Treasury Grant (Recurrent) (Millions LKR)		440	387	405	392	358
Treasury Grant (Capital) (Millions LKR)		-	25	54	60	23
Generated Income		399	309	281	299	249
UCSC Contribution to UG (Millions LKR) (Generated %)		118 (30%)	205 (33%)	169 (27%)	22 (5%)	30 (7%)
UCSC Budget (Millions LKR)		1,170	1,243	756	917	903
Research/Project (Millions LKR)		14.7	9.2	27.71	12.8	9.3
Cost per Employee (LKR '000s) per annum		3,642	1,893	1,906	1,640	1,564
Cost per Student (LKR '000s) – Recurrent		547	447	428	386	507
Infrastructure						
Library Books		8,736	8,714	8,758	8,780	8,825
Computers: staff		1:1	1:1	1:1	1:1	1:1
Computers: students (General students)		1:4	1:4	1:4	1:4	1:4
Space Utilization (employee) (sq. m.)		11.58	11.27	10.84	11.09	11.1
Space Utilization (student) (sq. m.)		3.38	3.43	3.02	4.20	3.39

1.GOVERNANCE

1. GOVERNANCE

In 2024, the University of Colombo School of Computing (UCSC) effectively aligned its activities with the 2024-2028 Strategic Plan, focusing on six key goals. A detailed Action Plan for the year was developed, but some initiatives were postponed to 2025 due to financial constraints. Recruitment challenges arose due to government restrictions. Nevertheless, UCSC successfully conducted its academic programs and hosted the ICTer international conference, funded entirely through sponsorships. The UCSC's management, led by the Director and supported by the Deputy Director and department heads, coordinated efforts and oversaw various statutory committees, ensuring continued progress despite challenges.

1.1 OFFICERS OF THE UCSC

Director	Dr. D.A.S. Atukorale	
Deputy Director	Prof. T.N.K. De Zoysa	
Heads	Dr. C.I. Keppitiyagama	Department of Computation and Intelligent Systems (CIS)
	Prof. T.N.K. De Zoysa	Department of Communication and Media Technologies (CMT)
	Mr. W.V. Welgama	Department of Information Systems Engineering (ISE)
Deputy Registrars	Ms. H.P. Henegama & Ms. S.D. Chandralatha	
Deputy Bursars	Mr. E.M. Gunarathna, Ms. V.G.M. Priyangika, & Mr. A.R.W.M.U.N. Senevirathne	
Coordinators	Dr. S.S.P. Matara Arachchi	Advanced Digital Media Technology Centre (ADMTC)
	Prof. T.N.K. De Zoysa	Centre for Digital Forensics (CDF)
	Dr. (Mrs) S.M.K.D. Arunathilleka	Computing Services Centre (CSC)
	Dr. M.I.E. Wickramasinghe	e-Learning Centre (eLC)
	Mr. W.V. Welgama	External Degrees Centre (EDC)
	Dr. P.V.K.G. Gunawardena	Professional Development Centre (PDC)

1.2 AUTHORITIES

The authorities of the University of Colombo School of Computing (UCSC) include the Board of Management, Academic Syndicate, Boards of Study, Departments of Study, and various Centers, as outlined in UCSC's ordinance.

1.2.1 BOARD OF MANAGEMENT (BOM)

The Board of Management (BOM) of the University of Colombo School of Computing (UCSC) meets on the first Thursday of each month. The Secretary to the BOM is the Deputy Registrar/ General Administration and Establishment. During the year 2024, UCSC held 13 BOM meetings, one of which was a special meeting on February 22, 2024, to discuss and approve the submission of financial statements, annual reports, and an annual verification report to the Auditor General and the Ministry of

Education. Meeting participation statistics were maintained, indicating the level of participation by BOM members.

Ex- Officio Members	
• Director	Dr. D.A.S. Atukorale (P-13)
• Deputy Director & Head of CMT	Prof. T.N.K. De Zoysa (P-12 & E-01)
• Nominee, Secretary of Higher Education	Mr. S.L.H. Gamage (P-7 & E-5 - till 07.11.2024) Mr. G.S.P.K. Moraliyage (P-1 - from 12.12.2024)
• Nominee, Ministry of Finance	Ms. D.H.S. Pullaperuma (P-12 - till 07.11.2024) Dr. (Mrs.) V.W. Elapatha (P-1 - from 12.12.2024)
• Dean, Faculty of Science	Snr. Prof. D.U.J. Sonnadara (P-12 & E-1)
• Head of ISE	Mr. W.V. Welgama (P-10 & E-3)
• Head of CIS	Dr. C.I. Keppitiyagama (P-12 & E-01)
Appointed Members	
• Members, UOC Council (02)	Mr. Kusal De Silva (P-10 & E-2) Eng. Jayavilal Meegoda (P-11 & E-1)
• Members, UOC Senate (02)	Snr. Prof. J.K.D.S. Jayanetti (P-1 - till 04.01.2024) Prof. Pavithra Kailasapathy (P-5 - till 04.04.2024) Prof. R.U.K. Piyadasa (P-8 & E-1 - from 04.04.2024) Prof. Tharusha N. Gooneratne (P-7 - from 06.06.2024)
• Nominees, UGC (02)	Mrs. C. Mubarak (P-13) Mr. T.G.J. Amarasena (P-9 & E-4)
• Representatives, IT Industry (02)	Mr. Saman Perera (P-9 & E-4) Dr. Romesh Ranawana (P-9 & E-04)
• Nominees, Academic Syndicate (03)	Mr. K.P.M.K. Silva (P-5 - till 04.04.2024) Dr. (Mrs.) T.A. Weerasinghe (P-4 & E-01 - till 04.04.2024) Dr. M.I.E. Wickramasinghe (P-10 & E-3) Dr. H.E.M.H.B. Ekanayake (P-7 - from 06.06.2024) Dr. (Mrs) MWACR Wijesinghe (P-7 - from 06.06.2024)

1.2.2 FINANCE AND MANAGEMENT COMMITTEE (FMC)

The Finance and Management Committee (FMC) is a sub-committee which assists the Board of Management to discuss financial activities in detail before taking relevant decisions at the Board of Management. The committee was able to meet 03 times during the year 2024 and the Director/UCSC chaired the meetings.

Chairman	Dr. D.A.S. Atukorale (P-3)
Deputy Director / Head CMT	Prof. T.N.K. De Zoysa (P-2) (E-1)
Board Nominees	Snr. Prof. D.U.J. Sonnadara (P-2) (E-1) Prof. Pavithra Kailasapathy (P-1) Prof. Tharusha N Gooneratne (P-2) Mrs. C. Mubarak (P-3)
Head of the Departments / Head CIS	Dr. C.I. Keppitiyagama (P-2) (E -1)
Deputy Registrar	Ms. S.D. Chandralatha (P-2) (E 1) Ms. J.A.M.S. Wijerathne (Actg.P-1)
Deputy Bursar	Mr. E.M. Gunarathna (P-2) Mrs. V.G.M. Priyangika (P -1)

P-Present, E- Excused

1.2.3 AUDIT COMMITTEE (AC)

The Audit Committee (AC) is a subcommittee, which assists the Board of Management to discuss matters related to internal audit reports and the final audit report before taking appropriate decisions at the Board of Management. It is usually chaired by an appointed member from the Board of Management. The Director and the Deputy Director are invitees of the committee. The representatives of the Auditor General's Departments, the Internal Audit division of the University of Colombo, the representatives of Earnest and Young (Internal Auditors appointed by the Board of Management) are also invited to these meetings. The statistics of participation of the 04 meetings of the year 2024 are given with respect to each member.

Chairman	Mr. Kusal De Silva (P-3) Ms. Vishaka Elapatha (P-1)
Board Nominees	Mr. S.L.H. Gamage (P-1) (E-2) Ms. D.H.S. Pullaperuma (P-3)
Rep of Auditor General	Mrs. S.M.C. Indika (P-2) Mrs. A K A Chandrika (P-2)
Internal Auditor/University of Colombo	Mr. K.E.W. Jayasiri (P-1) (E-3)
Rep /Ernst &Young Auditors	Ms. Randika Silva (P-4)
Director (Observer)	Dr. D.A.S. Atukorale (P-4)
Deputy Director (Observer)	Prof. T.N.K. De Zoysa (P-3) (E-1)

P-Present, E-Excused

1.2.4 ACADEMIC SYNDICATE

The Academic Syndicate was held monthly during the year 2024. The composition of the Academic Syndicate has been defined in the ordinance of UCSC. The Academic Syndicate takes the decisions recommended by three Boards of Studies, namely, the Board of Study (BOS) for Internal Undergraduate Degrees (IUD), the BOS for Research and Higher Degrees (RHD), and the BOS for External and Extension Program (EEP). Important academic-related matters of the Board of studies are approved or recommended by the Academic Syndicate. Special matters are tabled by the Director based on the recommendation of respective academic and administrative staff related to the Boards of Study.

S.N.	Name	Attendance of 12 Nos. of Syndicate Meetings			
		Present	Absent	Excused	Sabbatical Leave
1	Dr. D.A.S. Atukorale, Senior Lecturer Gr. I, Director	12			
2	Prof. T.N.K. De Zoysa, Deputy Director, Head/RHD,	10		2	
3	Dr. C.I. Keppitiyagama, Senior Lecturer Gr. I, Head/IUD	12			
4	Mr. W.V. Welgama, Senior Lecturer Gr. I, Head/EEP	12			
5	Prof. K.P. Hewagamage, Professor	10		2	
6	Prof. G.K.A. Dias, Professor	11		1	
7	Prof. K.L. Jayaratna, Professor (Sabbatical leave)				12

8	Prof. D.D. Karunaratne, Professor (Sabbatical leave)	3	2		7
9	Prof. G.D.S.P. Wimalaratne, Professor	10		2	
10	Prof. M.G.N.A.S. Fernando, Professor (Sabbatical leave)	1			11
11	Prof. (Ms.) M.D.J.S. Goonetillake, Professor (Sabbatical leave)				12
12	Dr. A.R. Weerasinghe, Senior Lecturer Gr. I (Sabbatical leave & resigned on 1 st June)				6
13	Dr. D.N. Ranasinghe, Senior Lecturer Gr. I	7	2	3	
14	Dr. T. Sritharan, Senior Lecturer Gr. I	7	2	3	
15	Mr. G.P. Seneviratne, Senior Lecturer Gr. I	11		1	
16	Dr. H.A. Caldera, Senior Lecturer Gr. I (Sabbatical leave)				12
17	Dr. M.W.A.C.R. Wijesinghe, Senior Lecturer Gr. I, [Coordinator/QAC]	11		1	
18	Dr. (Mrs.) S.M.K.D. Arunatileka, Senior Lecturer Gr. II [Coordinator/CSC]	11		1	
19	Dr. M.D.R.N. Dayaratne, Senior Lecturer Gr. II	9	2	1	
20	Mr. K.P.M.K. Silva, Senior Lecturer Gr. II	7	1	4	
21	Dr. H.E.M.H.B. Ekanayake, Senior Lecturer Gr.II	10		2	
22	Dr. (Mrs.) T.A. Weerasinghe, Senior Lecturer Gr. II,	10		2	
23	Dr. M.I.E. Wickramasinghe, Senior Lecturer Gr. II [Coordinator/eLC]	10		2	
24	Dr. (Ms) K.H.E.L.W. Hettiarachchi, Senior Lecturer Gr. II	10		2	
25	Dr. P.V.K.G. Gunawardana, Senior Lecturer Gr. II [Coordinator/PDC]	10		2	
26	Dr. B.H.R. Pushpananda, Senior Lecturer Gr. II	11		1	
27	Dr.(Mrs) H.N.D. Thilini, Senior Lecturer Gr. II	11		1	
28	Dr. (Mrs) L.N.C. De Silva, Senior Lecturer Gr. II	12			
29	Dr. S.S.P. Matara Arachchi, Senior Lecturer Gr. II [Coordinator/ADMTC]	10		2	
30	Dr. K.A.K.T. Karunanayaka, Senior Lecturer Gr. II	6	1	5	
31	Dr. (Mrs.) M.G.D.K. Fernando, Senior Lecturer Gr. II	11		1	
32	Dr. A.P. Sayakkara, Senior Lecturer Gr. II	11		1	
33	Dr. R A C Ranasinghe,Senior Lecturer [on contract]	7	3	2	
34	Mr. P D Liyanage, Senior Lecturer [on contract]	10		2	
35	Ms. P.G.M.P. Gamage, Asst. Librarian	11		1	
36	Prof. R.D. Wijesekara, Nominee/ Faculty of Science, UOC from January 2024 to September 2024	6		3	
37	Mr. Dilan Rajapakse, Head of Engineering at Randoli from January 2024 to August 2024		2	6	

38	Mr. Mangala Perera, Chief Operating Officer, Root Code from January 2024 to August 2024	3	5		
39	Dr J K Wijerathna, Senior Lecturer – Grade I, Department of Mathematics University of Colombo from November 2024 to December 2024	2			
40	Mr Hiruna Dissanayake, Director Software Engineering / Agile Coach – Business Agility, Cambio Software Engineering PVT LTD from November 2024 to December 2024	1		1	
41	Mr Parakrama Ratnayake, Co-Founder CEO, RedBlocks Technologies (Private) Limited from November 2024 to December 2024	2			

Some of the important decisions recommended at the Academic Syndicate are required to be approved at the Board of Management of UCSC, the Senate of the University of Colombo and the Council of the University of Colombo based on the regulations of the University. Minutes of all formal meetings held during 2024 are approved and documented. Formal members of the Academic Syndicate and their participation statistics are given below.

1.2.5 BOARDS OF STUDY

According to the ordinance of UCSC, there are three Boards of Studies for Internal Undergraduate Degrees (BOS/IUD), Research and Higher Degrees (BOS/RHD) and External and Extension Programmes (BOS/EEP). The Director/UCSC chairs these Boards of Studies and there is an academic staff member as the Secretary and an administrative staff member to coordinate the meetings.

1.2.5.1 BOARD OF INTERNAL UNDERGRADUATE DEGREES (BOS-IUD)

During 2024, 10 meetings of the BOS/IUD were formally held and minutes of all these meetings have been recorded by the academic representative with the help of an administrative staff member. All the matters related to internal undergraduate degrees, such as teaching, learning, assessment and administration, are discussed in detail at BOS/IUD. Nine student representatives also attended these meetings only during the first part of the meeting. The composition of the Board of Internal Undergraduate Degrees (IUD) and the participation statistics of the meetings are given below.

S.N	Name	Attendance of 10 Nos. of IUD Meetings		
		Present	Absent	Excused
1.	Dr. D.A.S. Atukorale, Senior Lecturer Gr. I, Director	9	1	
2.	Prof. T.N.K. De Zoysa, Deputy Director, Head/CMT, Head/RHD	9		1
3.	Dr. C.I. Keppitiyagama, Senior Lecturer Gr. I Head/CIS, Head/IUD	10		
4.	Mr. W.V. Welgama, Senior Lecturer Gr. I, Head/ISE, Head/EEP, Coordinator/SE	10		
5.	Prof. K.P. Hewagamage, Professor	9		1
6.	Prof. G.K.A. Dias, Professor	10		
7.	Prof. D.D. Karunaratne, Professor (Sabbatical leave till April)	3	2	1
8.	Prof. G.D.S.P. Wimalaratne, Professor	9	1	
9.	Dr. T. Sriharan, Senior Lecturer Gr. I	7	1	2
10.	Mr. G.P. Senevirathne, Senior Lecturer Gr. I	10		

11.	Dr. D.N. Ranasinghe, Senior Lecturer Gr. I	5	1	4
12.	Dr. M.I.E. Wickramasinghe, Senior Lecturer Gr. I, Coordinator/CS	9		1
13.	Mr. K.P.M.K. Silva, Senior Lecturer Gr. II	7	1	2
14.	Dr. (Ms.) S.M.K.D. Arunatilake, Senior Lecturer Gr. II	8	1	1
15.	Dr. M.D.R.N. Dayarathne, Senior Lecturer Gr. II	9		1
16.	Dr. M.W.A.C.R. Wijesinghe, Senior Lecturer Gr. I	7	2	1
17.	Dr. B.H.R. Pushpananda, Senior Lecturer Gr. II, Secretary BOS/ IUD, Coordinator/Science Faculty	10		
18.	Dr. H.E.M.H.B. Ekanayake, Senior Lecturer Gr. II	9		1
19.	Dr. (Ms.) T.A. Weerasinghe, Senior Lecturer Gr. II	10		
20.	Dr. (Ms.) K.H.E.L.W. Hettiarachchi, Senior Lecturer Gr. II	9	1	
21.	Dr. P.V.K.G. Gunawardana, Senior Lecturer Gr. II	7	1	2
22.	Dr.(Ms.) H.N.D. Thilini, Senior Lecturer Gr. II	9		1
23.	Dr. (Ms.) L.N.C. De Silva, Senior Lecturer Gr. II, Coordinator/IS	10		
24.	Dr. S.S.P. Matharaarachchi, Senior Lecturer Gr. II, Coordinator/ADMTC	10		
25.	Dr. K.A.K.T. Karunanayaka, Senior Lecturer Gr. II	7	1	2
26.	Dr. (Ms.) M.G.D.K. Fernando, Senior Lecturer Gr. II	7		3
27.	Dr. A.P. Sayakkara, Senior Lecturer Gr. II	8		2
28.	Dr. R.A.C. Ranasinghe, Senior Lecturer (On Contract)	4	5	1
29.	Mr. P.D. Liyanage, Senior Lecturer (On Contract)	5	2	3
30.	Dr. S.D. Gamage, Senior Lecturer (On Contract)	5		
31.	Mr. R.M.U.A. Rathnayake, Lecturer	8		2
32.	Mr. R.S. Madanayake, Lecturer (re-state from August)	5		
33.	Dr. K.D. Sandaruwan, Lecturer	8		2
34.	Mr. R.J. Amaraweera, Lecturer	7	1	2
35.	Mr. T.N.B. Wijethilake, Lecturer (On Contract)	10		
36.	Ms. J.G.S. Rupasinghe, Lecturer (On Contract)	9		1
37.	Ms. S. Hamsavasini, Lecturer (On Contract)	9		1
38.	Ms. L.A.S.M. Gunathilaka, Lecturer (On Contract)	9	1	
39.	Mr. R.N. Rajapakse, Lecturer (Probationary) (Study leave till)	5		
40.	Ms. R.A.Y.S. Ranasinghe, Lecturer (Probationary) (Study leave)	3		
41.	Ms. C.L. Ishani Fonseka, Lecturer (Probationary) (Study leave)			
42.	Ms. M.V.P. Thilini Lakshika, Lecturer (Probationary) (Study leave)			
43.	Ms. A.L. Nanayakkara, Lecturer (Probationary) (Resigned from November)	8		
44.	Mr. K.M. Thilakarathna, Lecturer (Probationary)	10		
45.	Mr. D.T. Bamunuarachchi, Lecturer (Probationary)	8		2
46.	Ms. S.S. Thrimahavitharana, Lecturer (Probationary)	7	1	2
47.	Ms. M.A.I. Perera, Lecturer (Probationary)	7	1	2

48.	Mr. M.A.P.P. Marasinghe, Lecturer (Probationary) (Study leave from September)	5	1	1
49.	Mr. N.H.P.I. Maduranga, Lecturer (Probationary)	6		4
50.	Mr. W.R.N.S. Abeyweera, Lecturer (Probationary)	7		3
51.	Ms. M. Krishnathasan, Lecturer (Probationary)	9		1
52.	Ms. J.E.G. Chathurangani, Lecturer (Probationary)	6	1	3
53.	Prof. M.G.N.A.S. Fernando, Professor (Sabbatical leave)	1		
54.	Prof. K.L. Jayaratna, Professor	Sabbatical leave		
55.	Prof. (Mrs.) M.D.J.S. Goonetillake, Professor	Sabbatical leave		
56.	Dr. A.R. Weerasinghe, Senior Lecturer Gr. I (resigned from 1st June)	Sabbatical leave		
57.	Dr. H.A. Caldera, Senior Lecturer Gr. I	Sabbatical leave		

1.2.5.2 BOARD OF RESEARCH AND HIGHER DEGREES (BOS-RHD)

The Board of Research and Higher Degrees (RHD) is a formal committee established under the ordinance of UCSC, and there were 11 meetings held during 2024. All matters related to the research, postgraduate studies are discussed in detail on this board, and matters, which require the approval, are forwarded to the Academic Syndicate.

No	Name	Attendance of 11 BOS/ RHD Meetings		
		Present	Absent	Excused
1	Dr. D.A.S. Atukorale, Director (Chairman)	9		3
2	Prof. T.N.K. De Zoysa, Deputy Director, Head / CMT, Head / RHD	12		
3	Dr. C.I. Keppitiyagama, Head / CIS, Head / IUD	12		
4	Mr. W.V. Welgama, Head / ISE, Head / EEP	12		
5	Dr. H.E.M.H.B. Ekanayake, Coordinator / MIT Programme	12		
6	Dr. M.I.E. Wickramasinghe, Coordinator / MBAnalytics Programme	7		5
7	Dr. P.V.K.G. Gunawardana, Coordinator / MIS Programme	9		3
8	Mr. P.K.M. Thilakarathna, Coordinator/Cybersecurity Programme	12		
9	Dr. A.P. Sayakkara, Coordinator/MCS & MCS in CS Programme	11		1
10	Dr. (Ms.) K.H.E.L.W. Hettiarachchi, Coordinator / MCT	11		1
11	Dr. (Ms.) L.N.C. De Silva, Member - Research Committee, Coordinator / Postgraduate Research Degree, Secretary BOS/RHD	12		
12	Mr. B.H.R. Pushpananda, Member Research Committee, Coordinator/Master of Computing Research, Member/Research Committee	11		1
13	Dr. S.S.P. Matharaarachchi, Coordinator / ADMTC	11		1
14	Dr. D.N. Ranasinghe, Rep. / CIS	5	4	3
15	Dr. K.D. Sandaruwan, Rep. / CMT	9		3
16	Dr. (Ms.) M.W.A.C.R. Wijesinghe, UCSC Coordinator / MSc in Bioinformatics, Coordinator / IQAC, Rep. / ISE	10		2
17	Prof. K.P. Hewagamage, Adviser / IQAC	7	1	4
18	Dr. (Ms.) H.N.D. Thilini, Project Coordinator / MIT	10		2
19	Dr. K.A.K.T. Karunanayake, Member - Research Committee, Project Coordinator / MSC & MSC in CS Programme	8	2	2

20	Mr. R.J. Amaraweera, Project Coordinator / MBAnalytics	9		3
21	Mr. T.N.B. Wijethilake, Project Coordinatoor / MIS Programme	12		
22	Ms. H.P. Henegama, Deputy Registrar/Postgraduate	10	2	
23	Ms. J.A.M.S. Wijerathna, SAR/ (Examination)	10	2	

1.2.5.3 BOARD OF EXTERNAL AND EXTENSION PROGRAMMES (BOS - EEP)

The Board of External and Extension Programs (EEP) is a formal committee defined in the ordinance of UCSC. 12 meetings were held to discuss all the matters related to external and extension study programs managed by the UCSC. It is chaired by the Director and there is a formal academic secretary and administrative staff officer to manage the meeting minutes and activities.

No	Name	Attendance of 11 EEP Meetings		
		Present	Absent	Excused
1	Dr. D.A.S. Atukorale, Director	12		
2	Prof. T.N.K. de Zoysa, Deputy Director, Head/CMT/, Head/RHD	11		1
	Dr. C.I. Keppitiyagama, Head/Dept. of CIS, Head/IUD	11		1
3	Mr. W.V. Welgama, Head/ Dept. of ISE, Head/ EEP	12		
5	Dr. K.H.E.L.W. Hettiarachchi, Secretary/EEP, Academic Coordinator/BIT	11		1
6	Dr. P.V.K.G. Gunawardana, Coordinator/PDC	7		5
7	Dr. S.S.P. Matharaarachchi, Coordinator/ ADMTC	12		
8	Mr. R.M.U. Rathnayake, Project Coordinator	10		2
9	Dr. S.M.K.D. Arunathilake, Coordinator/CSC	9		3
10	Dr. L. N. C De Silva, Coordinator/IS (out of 10)	8		2
11	Dr. M.I.E. Wickramasinghe, Coordinator/SE, Coordinator /eLC	12		

1.2.6 DEPARTMENTS OF STUDY

1.2.6.1 DEPARTMENT OF COMPUTATION & INTELLIGENT SYSTEMS (CIS)

Department of Computation & Intelligent Systems (CIS) consists of permanent academic staff members who have a direct interest in computer Intelligent Systems. Most of these staff members teach courses of undergraduates as well as postgraduate programs at the UCSC. The Head of the Department during 2024 was Dr. C.I. Keppitiyagama. More details are given in the website of UCSC (<https://ucsc.cmb.ac.lk/departments-of-computation-and-intelligent-systems/>).

1.2.6.2. DEPARTMENT OF COMMUNICATION & MEDIA TECHNOLOGIES (CMT)

The Department of Communication & Media Technologies (CMT) consists of permanent academic staff members who have a direct interest in computer graphics. Most of these staff members teach courses of undergraduates as well as postgraduate programmes at the UCSC. The Head of the Department during 2024 was Prof. T.N.K. De Zoysa. More details are given on the website of UCSC (<https://ucsc.cmb.ac.lk/departments-of-communication-and-media-technologies/>).

1.2.6.3. DEPARTMENT OF INFORMATION SYSTEMS ENGINEERING (ISE)

The Department of Information Systems Engineering (ISE) consists of permanent academic staff members who have a direct interest in information engineering. Most of these staff members teach courses of undergraduates as well as postgraduate programs at the UCSC.-The Head of the Department during 2024 was Mr. W.V. Welgama. More details are given in the website of UCSC (<https://ucsc.cmb.ac.lk/departments-of-information-systems-engineering/>).

Note: UCSC takes undergraduate students into two streams, Computer Science and Information Systems and offers five degree programmes for Undergraduates; Computer Science, Computer Science (Honours), Software Engineering (Honours), Information Systems and Information Systems (Honours). The Undergraduate students are attached to the UCSC and they are not assigned to any particular department. Only the academic staff members of the UCSC are assigned to the above three academic departments.

1.2.7 CENTRES

Advanced Digital Media Technology Centre (ADMTC)

The Advanced Digital Media Technology Centre (ADMTC), <https://ucsc.cmb.ac.lk/admtc/>, was established in order to implement the “Project for Human Resource Development in Information Technology through Capacity Building of UCSC” supported by the Japan International Cooperation Agency (JICA) from June 2002 to May 2005.

Following are the main activities carried out by ADMTC during 2023:

- Managing and maintaining the UCSC Auditorium
- Managing and maintaining the Digital Studio of UCSC
- Producing digital and printed materials of UCSC
- Maintaining UCSC Website
- Conducting courses on Graphics Design and Creativity Development and Advanced Multimedia Web Design and Development Techniques.
- Contributing to prepare the UCSC Newsletter.
- Facilitating the UCSC conference – ICTer 2024 (www.ictcr.org/conference)
- Publishing UCSC Journal – International Journal on Advances in ICT for Emerging Regions (ICTer 2024) – www.ictcr.org/journal
- Providing technical assistance for external parties in media related tasks

ADMTC has commenced (completed or ongoing) the Graphic Design and Creativity Development course in the year 2024 for three batches of 83 students and the Advanced Multimedia Web Design and Development for three batches of 77 students to disseminate the knowledge. All the batches were conducted in physical mode in 2024.

UCSC Auditorium was functional during the year 2024 and the ADMTC staff provided technical support for the below outlined events held in the UCSC Auditorium and well as in other venues of the UCSC.

Name of the Event	Income to be Received by UCSC (Rs.)	Discount Offered by UCSC (Rs.)	Net Income Received by UCSC (Rs.)
UCSC Career Fair held on 24 th January 2024 at the UCSC Auditorium	275,000/-	275,000/-	-
Inauguration of the UCSC Master Degree Programme held on 10 th February 2024	275,000/-	275,000/-	-
JICA Closing Ceremony held on 16 th February 2024	275,000/-	275,000/-	-
Orientation of the UCSC Undergraduate Degree Programmes held on 9 th ,10 th ,13 th ,14 th , 15 th 16 th 17 th 20 th 21 st 22 nd of May 2024	2,750,000/-	2,750,000/-	-
Inauguration of the Undergraduate Degree Programmes held on 3 rd June 2024	275,000/-	275,000/-	-
Convocation of the HDIT and BIT Degree Programmes held on 21 st and 22 nd December 2024	1,100,000/-	550,000/-	550,000/-

Computing Services Centre (CSC)

The Computing Services Centre, <https://ucsc.cmb.ac.lk/csc/>, which is the consultancy arm of the UCSC was established in 1990 to offer the below outlined services to both public organizations as well as private institutes.

The activities undertaken by the CSC are as follows.

- Carry out Short Term Training Courses
- Provide Software Development and Consultancy Services
 - Tender Evaluation
 - Systems Recommendation
 - Software Project Consulting and Development
 - Feasibility Studies
 - Acceptance Testing for Computer Hardware & Software
 - Planning and Conducting of Recruitment Testing
- Coordinate outside parties to hire UCSC resources
- Paper setting and holding examinations for external organizations

Short Term Training Courses conducted by CSC

The CSC conducts specialized, short-term training programs in the most advanced and up to date topics that are in demand in the industry. These programs are designed with the aim of enabling the participants to learn a particular programming language, a design methodology, new technologies or the use of specialized packages in small groups with close supervision. These courses, which have been designed by the staff of UCSC, follow the industrial requirements and standards. Many of these courses are conducted over 5 to 10 days. Special programs for individual groups of companies were also arranged on demand. Certificates issued at CSC could be verified at <http://www.ucsc.lk/verify> using the certificate numbers.

Table 1.2.7.1 A: Consultancy Projects – 2024

Reporting Authority	Name of the Project
North Western Provincial Council (NWPC)	Project Management and Appraisal System of North Western Provincial Council
Education Employees Co-operative Thrift and Credit Society Limited (EDCS)	Consultancy service to automate the process for the Education Employees Co-operative Thrift & Credit Society Limited
Marine Environment Protection Authority (MEPA)	MEPA website development
Public Utilities Commission of Sri Lanka (PUCSL)	Consultancy services on formulation of procedure for detecting adulteration of petroleum fuels

External Degrees Centre (EDC)

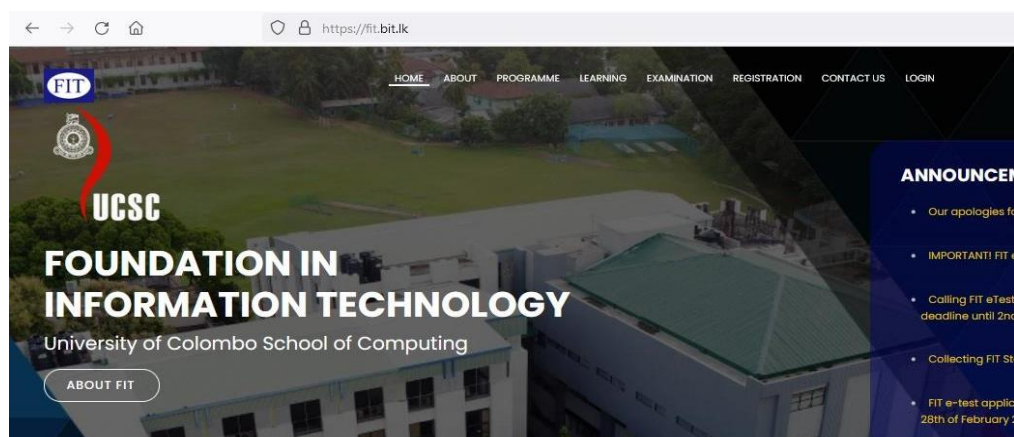
The External Degree Centre (EDC), <https://ucsc.cmb.ac.lk/academic-programmes/edc/> was established in order to manage the external and extension programs of UCSC in order to provide effective and efficient service to the general public. Currently, EDC coordinates the Bachelor of Information Technology (BIT) as the external degree programme of the University of Colombo.

Main activities carried out by the EDC for the year 2024 were registration of new BIT Students (more than 2900), Re-registration of current students (more than 6000), conducting institute visits at newly applied teaching institutions (2 teaching institutes), conducting BIT Semester one to six examinations (more than 3000 students) in Colombo, Kandy, Jaffna and Galle. EDC also carries out many activities related to the promotion of the BIT degree programme. Details of EDC is published and maintained at <http://ucsc.cmb.ac.lk/academic-programmes/edc/>

E-Learning Centre (eLC)

E-Learning Centre (eLC), <https://ucsc.cmb.ac.lk/elc/>, is one of the six centers of the University of Colombo School of Computing. Its main goal is to facilitate the digital transformation of the teaching-learning process by integrating e-learning practices. Although it is a service center of the UCSC to support undergraduate, postgraduate and external and extension degree programmes, it has become a national Centre during the last decade by providing services for both local and international organizations (www.e-learning.lk). eLC has a dedicated staff to conduct research and development work in e-Learning.

eLC handled all the FIT student registrations via FIT Web Portal (<https://fit.bit.lk>).



Moreover, eLC could conduct FIT e-Tests five times during the year. The statistics are as follows.

Record of FIT e-Test Examinations conducted during the year

Date	Online/ Onsite	Number of Applicants Sat for the Exam	Number of Students got Eligible for BIT Registration	Pass Rate
21st - 28th February	Onsite	230	43	18%
09th - 25 th May	Onsite	318	49	15%
25th July -15th August	Onsite	525	152	28%
05th - 15th September	Onsite	362	91	25%
25th -26th September	Onsite	232	70	30%

Professional Development Centre (PDC)

The Professional Development Centre (PDC) is one of the centers at UCSC, established to keep a close liaison with the IT industry. Its goal is to improve academic activities through industry-academia partnerships while producing socially responsible professionals with professional practice, leadership qualities, entrepreneurial skills, and integrity.

Activities for the year 2024

- The final evaluations for industry placement were carried out for the academic year 2023/2024.
- A selection committee was appointed to facilitate the evaluation process and select the best candidate for the "Best Performance in Industrial Placement - 2023/2024 award."
- Feedback from both students and companies was collected regarding the industry placements conducted in 2023/2024.
- Several sessions for professional development were organized in collaboration with the industry for internal undergraduates.
- Under the undergraduate internship program for the academic year 2023/2024, 336 students were placed in 107 companies/organizations and 10 UCSC projects.
- Twenty-one IT industry professionals were invited to conduct tech talks for 3rd-year undergraduates.

- An industry placement monitoring program was conducted to monitor interns' progress and address any issues related to the 2023/2024 internship program.
- Separate meetings were held with the heads of directors, company management, and other key stakeholders from various industry partners to explore potential collaborations to bridge the gap between academia and industry.
- A strong relationship was developed between the UCSC undergraduate students and the UCSC Alumni.
- Several meetings with IT industry professionals were conducted to strengthen industry-academia partnerships.
- Coordinated laptop donations from multiple companies to provide laptops for students in need to support their studies.
- Actively handled student inquiries and issues throughout the year.

Center for Digital Forensics (CDF)

The Centre of Digital Forensics (CDF), <https://ucsc.cmb.ac.lk/cdf/>, was established in 2011 by modifying the ordinance of UCSC by a special announcement since UCSC was requested to support respective law and order institutes in the digital forensic activities. During the last 20 years, these authorities in the country have requested the UCSC to carry out investigations due to the absence of a proper mechanism in the country. With lots of difficulties, UCSC has been supporting these institutes. Key organizations, which are requesting services, are different Courts, Criminal Investigation Department and Terrorist Investigation Units.

Finding pieces of evidence in digital offensive activities is a sensitive as well as a difficult process, which requires a research and development approach. In the past, several supporting tools have been developed by academic and academic support staff at UCSC to carry out these investigations and some of them have been published in International Conferences.

UCSC received more than 700 requests from different legal organizations during the last two decades, but it was very difficult to provide the required support due to the complexity and lack of funding and infrastructure. With the help of the Korean Government, UCSC helped the Government to expand the capacity of the Government Analysis Department and the Criminal Investigation Department to establish separate units for these operational tasks. This dramatically reduces the cases reporting to CDF, however, 215 cases to be investigated by 31st December 2024 and we have already completed 491 cases as of the date.

Since 2022 CDF has taken the responsibility of conducting undergraduate courses in the area of Information Security and Digital Forensic. In addition to that, CDF continues its support to conduct various postgraduate programs at UCSC.

CDF has been providing consultancy services for the Government Organizations, different Courts, Criminal Investigation Department as well as the Private Organizations in the field of Digital Forensics from the year 2022 by expanding its infrastructure facilities. Therefore, CDF is expecting to provide additional services in the field of Digital Forensics to the government and the private sector and earn more income in 2024.

1.2.8 MANAGEMENT COMMITTEE

The Management Committee of the UCSC is operated as a subcommittee of the Board of Management of the UCSC. The Management Committee meets once a month to discuss the operational matters of the UCSC and make appropriate decisions. Additionally, it reviews and finalizes key organizational documents such as the strategic plan and annual report, incorporating feedback from all members to ensure a collective approach. The Committee also focuses on important activities and events, striving to complete them in the best possible way for the betterment of the UCSC. As appropriate, the Management Committee recommendations are submitted to the Board of Management of the UCSC.

The Management Committee shall consist of following members;

Chairman/Director	Dr. D.A.S. Atukorale (P-8)
Deputy Director & Head/Department of Communication & Media Technologies	Prof. T.N.K. De Zoysa (P-3) (E-5)
Head/Department of Computation & Intelligent Systems	Dr. C.I. Keppitiyagama (P-7) (E-1)
Head/Department of Information Systems Engineering	Mr. W.V. Welgama (P-7) (E-1)
Deputy Registrar/ General Administration & Establishments	Ms. S.D. Chandralatha (P-7) (E-1)
Deputy Registrar/ Postgraduate, Research and Projects	Mrs. H.P. Henegama (P-5) (E-3)
Deputy Bursar/ Finance	Mr. E.M. Gunarathna (P-4) (SL-4)
Deputy Bursar/ Procurement	Mr. A.R.W.M.U.N. Senevirathne (P-7) (E-1)
Deputy Bursar/ Accounts and Payments	Mrs. V.G.M. Priyangika (P-1) (ML-6) (E-1)
Senior Assistant Registrar/ Examinations	Mrs. J.A.M.S. Wijeratne (P-8)
Senior Assistant Registrar/ Academic Publication & Welfare	Mr. E.A.D.S. Udayanga (P-8)
Senior Assistant Registrar/ General Administration & Establishments	Ms. S.S.K. Ekanayake (P-5) from May
Senior Assistant Bursar/ Salaries and Loans	Mr. K.A.H.K. Jayaratna (P-6) (E-2)
Assistant Registrar/ General Administration	Mrs. K. Prathayini (P-2) (Resigned)
Assistant Registrar/ Examinations	Mrs. S.F. Imam (P-7) (E-1)
Assistant Registrar/ Director's Office	Mrs. P.M.K. Jayaratna (P-3) (ML-5)
Assistant Registrar/ External Degree Center	Mrs. W.M.N.K. Weerasooriya (P-8)
Works Engineer	Mrs. R.M.N. Nilmini (P-7) (Resigned)
Assistant Librarian	Mrs. P.G.M.P. Gamage (P-6) (E-2)
Coordinator/PDC	Dr. P.V.K.G. Gunawardana (P-5) (E-3)
Coordinator/NOC	Mr. V. Mapa (P-7) (E-1)
Coordinator/ADMTC	Dr. S.S.P. Mathara Arachchi (P-2) (E-6)
Coordinator/CSC	Dr. S.M.K.D. Arunathilake (P-2) (E-6)
Coordinator/e-Learning	Dr. M.I.E. Wickramasinghe (P-3) (E-5)
Coordinator/QAC	Dr. M.W.A.C.R. Wijesinghe (P-3) (E-5)

2.EDUCATION

2. EDUCATION

According to the corporate plan of UCSC, the major responsibility of the organization is to promote computing education according to the relevant standards under the University of Colombo. Hence, UCSC manages computing education with respect to undergraduate programs (internal), postgraduate programs, and external or extension programs.

2.1 UNDERGRADUATE EDUCATION

Computing studies at the undergraduate level were first introduced back in 1967 as a part of the courses offered by the Faculty of Science of the University of Colombo. UCSC still continues to offer courses to the Faculty of Science and 1350 students of the Faculty of Science followed courses conducted by the UCSC in 2024.

The Faculty of Science introduced the first ever Computer Science (Special) degree programme offered by a Sri Lankan university. This programme was first offered to the students enrolled in the Physical Science stream of the faculty of Science in 1985 (A/L 1984 intake). With the establishment of the UCSC, undergraduate degrees in Computing became the responsibility of the UCSC. In 2024, 350 students selected by the UGC were enrolled in the Computer Science (CS) and Information Systems (IS) programmes with the opportunity to follow Computer Science, Computer Science (Honors), Software Engineering (Honors), Information Systems, and Information Systems (Honors) degree programmes.

2.1.1 INTERNAL UNDERGRADUATE DEGREE PROGRAMMES

UCSC currently offers five undergraduate degree programs in computing that are mapped to **SLQF Level 5** and **SLQF Level 6** declared by the University Grants Commission. These programmes are listed in the Table 2.1.1. The curriculum of these degree programmes were designed and developed based on the IEEE/ACM international guidelines for computing degrees. UCSC has established an academia-industry advisory board to obtain the feedback of the local industry to improve the relevance of all its computing degrees in order to maintain the employability rate of UCSC graduates.

Table: 2.1.1. - A: SLQF Levels of Undergraduate Programmes

Degree Programme	Duration (Academic Years)	SLQF Level
Bachelor of Science in Computer Science (BSc in CS)	3 Years	Level 5
Bachelor of Science Honors in Computer Science (BSc Hons. in CS)	4 Years	Level 6
Bachelor of Science Honors in Software Engineering (BSc Hons. in SE)	4 Years	Level 6
Bachelor of Science in Information Systems (BSc in IS)	3 Years	Level 5
Bachelor of Science Honors in Information Systems (BSc Hons. in IS)	4 Years	Level 6

Students are selected to follow the honors degree programmes base on their performance at the examinations of the first two years. Students who earn more than 2.75 GPA (3.0 GPA applicable to intakes starting from 2024) are eligible to apply to be enrolled in the honors degrees programmes, while the current intake size is limited to 60 students from the CS stream and 30 students from the IS stream. CS students are given the opportunity to select either the honors programme in Computer Science or the honors programme in Software Engineering. There is only one honors programmes available for the students of the IS stream.

2.1.2 ACADEMIC YEAR – 2022/2023 AND STUDENT ENROLMENT

Table 2.1.2. - A: Enrolment - Distribution of UCSC Intake – 2024

Stream of Study	Intake Size	Number enrolled	Male	Female
CS Stream	230	227	155	72
IS Stream	120	118	59	59
Total	350	345 (98.6%)	214 (61.1%)	131 (37.4%)

An academic year usually consists of two semesters where each semester comprises 15 weeks. A mid-semester break is one week and there will be one week of study leave after the semester before commencing the examinations. The calendar for the academic year 2024 is given below. The inauguration for the new undergraduate students selected for UCSC was held **on 03rd June 2024** and the orientation programme from **9th May 2024 to 22nd May 2024** before the commencement of the academic year.

<https://ucsc.cmb.ac.lk/undergraduate-inauguration-ceremony-for-the-academic-year-2021-2022/>

2.1.3 ACADEMIC TIME TABLE FOR THE YEAR 2024

DURATION		WEEKS	18/19	19/20	20/21	21/22
18-Mar-2024	7-Apr-2024	3	Second Semester Examination for the 1st,2nd & 4th Years			
8-Apr-2024	21-Apr-2024	2	Sinhala & Hindu New Year Vacation			
22-Apr-2024	5-May-2024	2	Project Evaluation			
6-May-2024	26-May-2024	3	New Intake Registration (2022/2023) - 6 th May 2024 Orientation Programme - 9 th May 2024 - 22 nd May 2024 Fourth Year Final Defence - 2nd may 2024 - 10th May 2024			
27-May-2024	2-Jun-2024	1	Vacation			
First Semester						
3-Jun-2024	15-Sep-2024	15	Inauguration Ceremony and Commencement of Lectures			
			4S1 (L)	3S1 (L)	2S1 (L)	1S1 (L)
16-Sep-2024	22-Sep-2024	1	Study Leave			
23-Sep-2024	20-Oct-2024	4	First Semester Examination for the 1st,2nd,3rd & 4th Years			
21-Oct-2024	3-Nov-2024	2	Project Evaluation			
4-Nov-2024	10-Nov-2024	1	(ICTer Conference 5,6,7,8 November 2024)			
11-Nov-2024	17-Nov-2024	1	Vacation			

Second Semester						
18-Nov-2024	22-Dec-2024	5	4S2 (L)	3S2 (L)	2S2 (L)	1S2 (L)
23-Dec-2024	29-Dec-2024	1	Christmas & New Year Vacation			
30-Dec-2024	9-Mar-2025	10	4S2 (L)	3S2 (L)	2S2 (L)	1S2 (L)
10-Mar-2025	16-Mar-2025	1	Study Leave			
17-Mar-2025	6-Apr-2025	3	Second Semester Examination for the 1st,2nd & 4th Years			
7-Apr-2025	27-Apr-2025	3	Sinhala & Hindu New Year Vacation			
28-Apr-2025	4-May-2025	1	Project Evaluation			
5-May-2025	-	-	New Intake Registration (2023/2024) Orientation Programme			

2.1.4 STUDENT PERFORMANCES AT EXAMINATION

Table 2.1.4. - A: Study Programme: CS Stream

Academic Year	Registered Students	% of Students Sat for Exam	No. of Students – GPA>=2.00	No. of Students 2.0>GPA>=1.5	GPA<1.5	Pass Rate % [No. students >=1.5 / No. of students Sat Exams]
2022/2023 (1 st Year)	227	92%	Pending	Pending	Pending	Pending
2021/2022 (2 nd Year)	227	96%	207	12	8	96.48%
2020/2021 (3 rd Year General)	157	98%	132	19	6	96.17%
2020/2021 (3 rd Year Special)	61	100%	61			100%
2019/2020 (4 th Year)	60	100%	60			100%

Table 2.1.4. - B: Study Programme: IS Stream

Academic Year	Registered Students	% of Students Sat for Exam	No. of Students – GPA>=2.00	No. of Students 2.0>GPA>=1.5	GPA<1.5	Pass Rate [No. students >=1.5/No. of students Sat Exams]
2022/2023 (1 st Year)	118	90%	Pending	Pending	Pending	Pending
2021/2022 (2 nd Year)	112	92%	103	5	4	82.4%
2020/2021 (3 rd Year General)	68	97%	55	12	1	99%
2020/2021 (3 rd Year Special)	30	100%	30			100%
2019/2020 (4 th Year)	31	100%	31			100%

Students are supposed to complete both continuous assessments and semester exams in order to get through respective academic courses based on the curriculum of degree programs. The blended learning is practiced in all degree programs and the Virtual Learning Environment (VLE) for the degree programme <http://ugvle.ucsc.cmb.ac.lk>.

2.1.5 INDUSTRIAL PLACEMENT

In order to improve the relevance of the degree program concerning national and industrial requirements, industrial placement has been introduced as a compulsory requirement for all the students of UCSC. The Professional Development Centre (PDC) is set to facilitate these requirements and keep a close liaison with the IT industry and improve the academic programs with the help of the industry. The second semester of the third year of studies is allocated for industrial placements. UCSC has also established an academia-industry advisory board to obtain feedback from the local industry to improve the relevance of all its computing degrees to maintain the employability rate of UCSC graduates over 85%. The statistics for the 2023/2024 placement are given below.

Table 2.1.5. - A: Distribution of Industrial Placement with respect to organizations

Type of Organizations – Placement	Number of Students Placed	Number of Organization
IT Companies	314	107
Research and Consultancy Projects at UCSC	22	10
Total	336	117

Apart from the industrial training, the PDC organized a series of tech talks and guest lectures from various companies. The sessions were aligned to make the undergraduates aware of the role that they have to play as professionals after being graduated.

2.1.6 UNDERGRADUATE STUDENT WELFARE

(a) Hostel Facilities

In the year 2024, the UCSC provided the neediest 1st year as well as final year undergraduates with residential facilities in keeping with the UCSC policy and according to the process of the University Grants Commission (UGC). Since there are no dedicated hostel facilities, UCSC rented two private properties for Boys' Hostel in Battaramulla (which could accommodate around 35 students) and Girls' Hostel in Kohuwala (which could accommodate 36 students). The Warden and Sub-Wardens who are staff members of UCSC, were appointed to monitor the management of hostels and the Academic Publication and Student Welfare (APW) division manages both hostels. The detailed statistics of 2024 are given in the table below.

Boys Hostel:

Hostel Address: 474/B, Kaduwela Road, Deniyawatta, Battaramulla
 Academic Warden: Dr. M.I.E. Wickramasinghe
 Academic Sub-Warden: Mr. D.T. Thilakaratne
 Capacity: 35

Girls Hostel:

Hostel Address: 76/16A, Sunethradevi Mawatha, Kohuwala, Nugegoda
 Academic Warden: Dr. (Mrs.) T.A. Weerasinghe
 Academic Sub-Warden: Ms. W.A.L. Gayanthika
 Capacity: 36

Table 2.1.6.1. – A: Hostel Facilities Requested and Granted in 2024

Hostel	Applied for hostel facilities	1 st Year students		Total
		CS Stream	IS Stream	
Boys Hostel	56	46	10	56
Girls Hostel	61	43	18	61
Total	117	89	28	117

Table 2.1.6.1. - B: Funds spent on Hostel facilities

Hostel	Capacity	Rent for 12 Months	Utility Cost	Management Cost	Registered Students	Cost per student Rs.
Boys' Hostel	35	1,935,000.00	Other: 77,510.41 Water: 238,865.94 Electricity: 107,064.59	Warden Allowance: 6,000.00 Sub Warden Allowance: 9,000.00 Caretaker Salary: 595,210.00	35	84,818.60
Girls' Hostel	36	1,080,000.00	Other: 60,457.71	Warden Allowance: 6,000.00 Sub Warden Allowance:	36	59,938.08

			Water: 210,316.55 Electricity: 196,786.66	9,000.00 Caretaker Salary: 595,210.00		
Total					71	144,756.68

(b) Canteen facilities

UCSC has to provide its students with canteen facilities since the canteens of other faculties are congested during the lunch hours and not in the vicinity of UCSC premises. UCSC student canteen is usually opened at 7.00 am and the service is available until 6.00 pm during the academic semesters. The management of the canteen is monitored by a canteen committee which comprises senior academics, administrative staff members and student representatives. The committee meets at regular intervals to discuss as well as take actions to improve the canteen service of UCSC.

Mr. K.S.U. Kumara was selected as the Canteen Contractor for the student canteen for a period of two years under the government procurement procedure from 2024 to 2026.

(c) Counseling for Undergraduates

The student counseling is a service provided free of charge by the UCSC for all undergraduate students. Our experience over the past decades has shown that the level of stress resulting from various incidents of life such as family matters, relationships, learning, and career decisions, is increasing. The UCSC counseling service focuses on providing a conducive environment for students who seek help at the early stage of their particular psychosocial problem. Our counselors are qualified to give a listening ear to the students and to assist them to help themselves in dealing with issues that they are facing. However, the counselors are also trained to make a decision whether a particular problem requires further help, and so to refer such a student to a professional counselor who visits the UCSC on an hourly basis. A separate room has been allocated for student counseling and services.

It is important to note that all information that students communicate with student counselors will be kept confidential and will only be communicated to the professional counselor if the student agrees. Similarly, the professional counselor will only communicate back to the UCSC if there is any action required by the UCSC with respect to any impact on the issue of the study program that the student is engaged in. If the professional counselor determines that further help is needed he/she will refer the student, with his/her consent, to a Clinical Psychologist or Psychiatrist.

The services of two academic student counselors, namely Dr. (Mrs) D.K. Fernando and Mr. K.T. Karunanayake were provided for all students from 2023 to 2024. The Professional Counselor Mrs. Nilani Thushanthika provided the service of 2 -3 hrs a day in 2024 to facilitate the students who required counseling. UCSC paid for the service of professional student counselors on an hourly basis. In general, around 30-40 students took regular consultations from these counselors.

(d) Financial Assistance for Undergraduate Students

Financial assistance was given to students in the form of Mahapola Scholarships, Bursaries, Industry Scholarships, Student Welfare and Distress Fund, Foreign Donors Scholarships and Shorea Robusta Scholarships.

Mahapola Scholarships

The Mahapola scholarships sponsored by the Mahapola Trust Fund of the Ministry of Commerce & Consumer Affairs were awarded to 360 students during the year 2024. The value of Merit and Ordinary scholarships were Rs.5,050/- and Rs.5,000/- respectively.

Table 2.1.6.1. – C: Number of students - Mahapola Scholarship Granted – 2024

Year of Intake	Year of Study	Merit scholarship (CS+IS)	Normal scholarship (CS+IS)	Total
2022/2023	Year 1	12(10+2)	81(66+15)	93(76+17)
2021/2022	Year 2	13(13+0)	115(83+32)	128(96+32)
2020/2021	Year 3	8(7+1)	101(80+21)	109(87+22)
2019/2020	Year 4	7(7+0)	23(11+12)	30(18+12)
All	Total	40	320	360

Bursaries

Bursaries were awarded in accordance with UGC Circulars, which governs the selection of students for Bursaries. 62 students were awarded with Bursaries during 2024. The breakdown of the Bursary recipients for the year 2024 is shown in the following table (Computer Science [CS] + Information System [IS]).

Table 2.1.6.1. – D: Number of students -Bursary Granted – 2024

Year of Intake	Year of Study	Full Bursary (Rs. 4000)		Total
		CS	IS	
2022/2023	Year 1	10	10	20 (10+10)
2021/2022	Year 2	9	9	18 (9+9)
2020/2021	Year 3	11	10	21 (11+10)
2019/2020	Year 4	1	2	3 (1+2)
All	Total	31	31	62

Industry Scholarships

Private organizations are invited to sponsor scholarships for needy students every year. IFS R&D Ltd. sponsored 08 scholarships at Rs. 7,500/= per month for a period of 12 months. The Deputy Director, Heads of the Departments, Coordinators of the Undergraduate degree programmes, Student Counselors and Administrative Officers are directly involved in selecting these students after interviewing them.

Table 2.1.6.1. – E: Industry Scholarships 2024

Number of scholarships and scholarship amount	Number of First Year Students	Number of Second Year Students	Number of third Year Students
08 Scholarships – Rs. 7,500/- per month	1	5	2

UCSC Student Distress and Welfare Allocation

A few years ago, UCSC academic staff monitored the requirements of the students in order to support students who were suffering from financial difficulties and unexpected personal problems such as sudden loss of parents, health problems etc. Hence, the academic staff decided to allocate 2% of the income of master's and external degree programs to utilize them for student distress and welfare activities. In 2024, the following activities were carried out utilizing funds available in this allocation.

The special financial support for the most deserving student is based on the following evaluation criteria:

- a) Annual parental income
- b) Number of Siblings (School going and doing higher education)
- c) Distance between home & University
- d) Other Scholarships / Financial Support
- e) Special circumstances in the family
- f) Recommendation of the selection panel

In 2024, 21 students were offered with scholarships from the Student Welfare and Distress Fund. Among them, there were 21 scholarships at Rs. 7,500 for a period of 10 months. Hence, over 0.9 million from UCSC generated income was spent on special scholarships for students who had financial difficulties.

Table 2.1.6.1. – F (A): Special Financial Supports 2024

Number of full scholarships and scholarship amount	Total Amount for year 2024
21 Scholarship Rs.7,500/- per month	Rs. 1,575,000

Scholarship Funded By Foreign Donors

As per the request made by a private donor, UCSC selected 1 student to initiate in setting up this scholarship which will go a long way in assisting the needy students and encouraging them to further academic activities.

Table 2.1.6.1. – G: Scholarships Funded by Foreign Donors 2024

Number of scholarships	Scholarship amount	Duration
1 Scholarship	Rs. 5,000/- per month	Until the studentship ends

Table 2.1.6.1. – G (I): Shorea Robusta Scholarships - 2024 (4th year Scholarship)

Number of scholarships	Scholarship amount	Duration
4 Scholarships	4 Full Scholarships (Rs. 7,500/- per month)	10 Months

2.1.7 UCSC STUDENT UNION

According to the progress of the Sub-Paras 25 and 26 of the Ordinance, University of Colombo School of Computing No. 01 of 2002, the Student Union election was held for the year 2024 and following office bearers were elected for the Student Union.

No	Office Bearer	Name of the Student	Reg. Number
1	President	Mohammadu Fazeer Aamir Arshad	2021/CS/011
2	Vice-President	Shashika Pranidu Madushan Ekanayaka	2022/CS/050
3	Secretary	Jainoordeen Abdul Basith	2022/CS/021
4	Editor	Zuhair Salih Hashir Ahamed	2022/IS/003
5	Junior Treasurer	Nanayakkarawasam Hiniduma Liyanage Lalithra Indupa	2022/IS/035
6	Committee Member (IUD Representative)	Leelawansa Dambure Gamage Ranuga Geenal Lekamwasam	2022/CS/104
7	Committee Member (IUD Representative)	Marasinghe Arachchige Nethsilu Kasunthara	2022/IS/045
8	Committee Member	Pratheepan Niroshan	2022/IS/066
9	Committee Member	Lekamwasam Hikkaduwa Liyanage Sujan Darshana	2022/CS/030
10	Committee Member	Kariyawasam Dehigaspege Nadith Nemal	231122
11	Committee Member	Mohamed Shafeek Ahamadh Saadhiq	231168
12	Committee Member	H. M Ravindu Rasanjana Herath	232035
13	Committee Member	Hettiarachchige Don Isum Manmitha	232059

Many activities of students are coordinated by the Student Union and the several students' clubs and societies conducted several events during the year 2024 such as Sinhala-Tamil New Year, Annual Pirith ceremony, Vaani Vizha.

2.1.8 STUDENT ACTIVITIES

Student activities are carried out through the Student Union of UCSC mainly to promote cultural and recreation activities. The relevant details are stated below.

Table 2.1.8.: A: Timeline of Key Student Activities – 2024

Event	Date
<u>UCSC Students' Union</u>	
Vaani Vizha 2023	12/1/2024
Freshers' Welcome	1/6/2024
19th Batch Trip	6/6/2024
UCSC Padura 2023	2/8/2024
19th Batch Party from the 18th Batch	8/8/2024
Trophy of Computing (TOC)	16/8/2024
Trophy of Computing (TOC) DJ	16/8/2024
Rise to Lead' Leadership Programme	7/12/2024
Vaani Vizha 2024	13/12/2024

<u>Pahasara - UCSC Media</u> Annual General Meeting	5/12/2024
<u>IEEE Student Branch of UCSC</u> RevolUX 3.0 MadHack 3.0 Annual General Meeting Sysco Labs Leadership Programme IEEE Introductory Programme InfiniteLoop ReidXtreme 3.0 IEEE Xtreme 18.0	2/3/2024 1/6/2024 19/6/2024 16/8/2024 2/7/2024 3/8/2024 7/9/2024 26/10/2024
<u>IEEE WIE</u> Hackahilics 6.0 Annual General Meeting CodeSphere PHP framework workshop Cloud Computing Workshop	3/2/2024 26/6/2024 22/8/2024 11/9/2024
<u>UCSC ISACA Student Group</u> iKrypto 1.0 Cyber Security Awareness meetings Annual General Meeting	31/1/2024 21/8/2024
<u>UCSC Rekha Music Circle</u> Annual General Meeting	21/8/2024
<u>Rotaract Club of UCSC</u> Installation Ceremony Fitness Challenge Blitz Session 1	8/9/2024 17/12/2024 29/12/2024
<u>UCSC ACM Student Chapter</u> "Want to become the next MLSA?" session SIGCHI Winter School Annual General Meeting ACM Industry Session ACM Introductory Session Reid Xtreme 3.0 Hour of Code	16/12/2024 2/1/2024 2/5/2024 26/8/2024 5/9/2024 7/9/2024 12/12/2024
<u>IEEE CS Chapter of UCSC</u> Annual General Meeting TechDay	6/7/2024 1/9/2024
<u>Exploration Club of UCSC</u> Annual General Meeting	24/7/2024

Details of these events are available at the <http://ucsc.cmb.ac.lk/events/> and they are announced using the public calendar of UCSC at <http://ucsc.cmb.ac.lk/ucsc-calendar/>.

2.1.9 STUDENT ACHIEVEMENTS

2.1.9.1. EXTRACURRICULAR

Students are encouraged to participate in many extracurricular activities to enhance their knowledge, skills, attitude and mindset. At the same time, such participation provides a better external reputation for the UCSC and its students. The following list provides the details of the achievements in 2024.

Competition	Achievement
CyberZee '24!	1st Runners up - Team HereForTheButes
IntellihackNextGen 2024	1st Runners up - Team DATAMITES
Dialog Innovation Challenge	1st Runners up - Team AUDIPHIX
ROOTCODE TECH TRIATHLON	2nd Runners up - Team CodeRecon
National ICT Awards NBQSA 2024	Merit Award - Team CocoTrade
CSSL National ICT Awards 2023	Naveen Rajan - CSSL Student of the year 2023

2.1.10 GRADUATION 2024

The graduation ceremony for the year 2024 was held on 3rd & 4th October 2024. 322 students graduated from 5 degree programs in Computer Science, Information Systems and Software Engineering streams. Students of the BSc in Information Systems and BSc Hons. in Information Systems degree programs are analyzed with respect to their A/L study stream (Tables 2.1.10 B and 2.1.10 C).

Table 2.1.10. – A: Final Academic Performance of UCSC Graduates – 2024

Programme of Study	Main/ Repeat	No. of students Sat for the Final Exam		Total no. of students Graduated											
				First Class		Second Upper		Second Lower		Pass		Total		Pass Rate %	
		M	F	M	F	M	F	M	F	M	F	M	F	M	F
B.Sc. in Computer Science (A/Y 2019/2020)	Main	109	55			34	18	21	15	42	19	97	52	90%	95%
B.Sc. in Computer Science (A/Y 2018/2019)	downgrade	1		1								1		100 %	
B.Sc. (Hons) in Computer Science (A/Y 2018/2019)	Main	19	9	15	6	4	2					19	8	100 %	89%
B.Sc. (Hons) in Software Engineering (A/Y 2018/2019)	Main	17	5	11	3	6	2					17	5	100 %	100 %

B.Sc. (Hons) in Computer Science (A/Y 2017/2018)	Repeat	1				1						1		100 %	
B.Sc. in Computer Science (A/Y 2018/2019)	Repeat	11	1			2	1			5		7	1	64%	100 %
B.Sc. in Computer Science (A/Y 2017/2018)	downgrade	1				1						1		100 %	
B.Sc. in Computer Science (A/Y 2016/2017)	Repeat	3								3		3		100 %	
B.Sc. in Information Systems (A/Y 2019/2020)	Main	32	56			5	10	10	16	11	29	26	55	81%	98%
B.Sc. (Hons) in Information Systems (A/Y 2018/2019)	Main	14	11	13	10	1	1					14	11	100 %	100 %
B.Sc. in Information Systems (A/Y 2018/2019)	Repeat	4	2						1	2		1	2	25%	100 %
B.Sc. in Information Systems (A/Y 2014/2015)	Repeat	1								1		1		100 %	

Table 2.1.10. – B: Performance of BSc in IS Graduates with A/L study streams

Class		First			Second Upper			Second Lower			Pass			Total
Gender		M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot	
Stream	M				1	6	7	4	9	13	12	16	28	48
	B					2	2	3	4	7	8	13	21	30
	C				1	1	2		1	1	1	3	4	7
	A											2	2	2
	T				2	2	4	3	2	5	4	3	7	16
Total					4	11	15	10	16	26	25	37	62	103

M – Mathematics, B – Biology, C- Commerce, A – Arts, T - Technology

Table 2.1.10. – C: Performance of BSc (Hons) in IS Graduates with A/L study streams

Class		First			Second Upper			Second Lower			Pass			Total
Gender		M	F	Tot	M	F	Tot	M	F	Tot	M	F	Tot	
Stream	M	8	2	10	1	1	2							12
	B													
	C		2	2										2
	A		1	1										1
	T	5	5	10										10
Total		13	10	23	1	1	2							25

M – Mathematics, B – Biology, C- Commerce, A – Arts, T - Technology

2.1.11 UNDERGRADUATE AWARDS

Several convocation awards are declared for all degree programs at UCSC. There is a pre-defined criterion for these awards, and all selections are approved by the Senate of the University of Colombo.

Table 2.1.11. – A: Convocation Awards for Information Systems Degree Programme – 2024

Name of the Award	Name of the Awardee
Zebra Technologies Award for the Best Performance in Information Systems - 2023	Not Eligible
IFS Award for Academic Excellence in Information Systems - 2023	Ms. Weerasinghe K.D.Y.K. (Index No.: 19020882)
Sampath Bank Award for the Best Final Year Project in Information Systems - 2023	Mr. Devinda K.K. (Index No.: 19020181) Mr. Harischandra B.A.I.V. (Index No.: 19020333) Mr. Abeyvickrama A.A.V. H. (Index No.: 19020031)
David Pieris Group Award for the Best Industrial Training in Information Systems - 2023	Ms. Pupulewatte P.G.M.N. (Index No. 20020775)

Table 2.1.11. – B: Convocation Awards for Computer Science Degree Programme – 2024

Name of the Award	Name of the Awardee
Virtusa Award for the Best Performance in Computer Science -2023	Mr.. Bandara B.A.A.D. (Index No.: 19000091)
Professor Mohan Munasinghe Award for Academic Excellence in Computer Science - 2023	Ms. Ilma B.F. (Index No.: 19000618)
ICTA Award for the Best Final Year Project in Computer Science - 2023	Mr. Dissanayake N.D. (Index No.: 19000413)
David Pieris Group Award for the Best Industrial Training in Computer Science - 2023	Mr. Wegiriya W.W.R.U. (Index No. 20002041)

Table 2.1.11. – C: Convocation Awards for Software Engineering Degree Programme – 2024

Name of the Award	Name of the Awardee
IFS Award for Academic Excellence in Software Engineering - 2023	Mr. Ratnayake J.D. (Index No.: 19001428)
Soma Goonetillake Memorial Award for the Best Final Year Project in Software Engineering - 2023	Ms. Thushari J.P.M. (Index No.: 19001207) Mr. Sanjula E.B.D.R. (Index No.: 19001551) Mr. Sribarathvajasarma G. (Index No.: 19001576)
Wimala Jayaratne Memorial Award for Software Engineering - 2023	Mr. Ratnayake B.G.D.S.B. (Index No.: 19001411)

Table 2.1.11. – D: Convocation Award for all streams – 2024

Name of the Award	Name of the Awardee
Prof. V.K. Samaranayake Memorial Award for the most outstanding student of the University of Colombo School of Computing 2023	Ms. Weerasinghe K.D.Y.K. (Index No. 19020882)

2.1.12 EMPLOYABILITY

It was observed that most of the students were recruited by reputed firms in the IT industry on lucrative contracts, even during their 3rd-year industrial placement. The employability details of graduates were collected at the time of convocation using a questionnaire. The following table provides the details of the employability of UCSC graduates for each study stream.

Table 2.1.12. – A: Employability of UCSC undergraduates - 2024

Programme	Number Responded	Employed	Self Employed	Waiting for Jobs / Not interested
Computer Science	204	82.8%	2%	15.2%
Information Systems	110	78.2%	1.8%	20%
Overall	314	81.2%	1.9%	16.9%

2.2 POSTGRADUATE STUDIES

2.2.1 MASTER DEGREE PROGRAMME

All master degrees at UCSC are taught masters in SLQF level 9 except one master degree called MSc in Computer Science which is SLQF level 10 with a 15 credits research project. Details of these degrees together with performance in 2024 are presented in the next few sections.

2.2.1.1 MASTERS DEGREES

UCSC offered five master degree programs in 2024. A selection test was held to shortlist suitable candidates and interviews were held to identify more suitable candidates, using a structured marking scheme. The selection interviews of all master programs were held at UCSC premises and 231 eligible candidates were interviewed. The selection tests named as GCAT and GCCT (Only for MCS and MPhil/

PhD degrees) were conducted by e-learning center of UCSC. There were 4 no of selection tests were conducted for the total no of applied candidates of 290 thought the year.

- **Master of Computer Science (MCS)**

Those who have a Computing Degree or equivalent qualification are selected for this degree programme since the curriculum was designed considering basic courses in Computing Degree programs. The intake size for the programme for the year 2023/2024 was 100 students. The students were selected based on their first-degree qualification, performance at the selection test and selection interviews.

- **Master of Science in Computer Science (MSc in CS)**

Master of Science in Computer Science degree is designed for those who wish to acquire a Computer Science degree with a research focus. A student who satisfies the specified minimum academic performance in the first two semesters of the Master of Computer Science degree is eligible to register in the second year for the Master of Science in Computer Science degree programme (third and fourth semesters).

- **Master of Information Technology (MIT)**

Those who are interested in changing their career path into Computing or obtaining a postgraduate qualification in Computing are offered this programme. Any graduate with working experience in a computing environment is encouraged to apply for this programme. The intake size of the programme for the year 2023/2024 was 100.

- **Master of Information Security (MIS)**

The Master of Information Security, which has been designed for graduates who wish to acquire a postgraduate qualification in the area of Information Security. This programme offers mid-career opportunities for those who work in the areas of Information Technology, Information System Audit, and Information Security. The intake size of the programme for the year 2023/2024 was 30.

- **Master of Cybersecurity**

The Master of Cybersecurity, which has been designed for graduates who wish to acquire a postgraduate qualification in the area of Information Security. This programme offers mid-career opportunities for those who work in the areas of Information Technology, Information System Audit, and Information Security. The intake size of the programme for the year 2024 was 30.

- **Master of Business Analytics**

The UCSC has identified Business Analytics as an emerging and futuristic discipline that blends Data Science with the needs of modern-day businesses with its primary focus on understanding business performance and developing new strategies based on data. Accordingly, the Master of Business Analytics has been designed to cater to the emerging trends of Data Science. The intake size of the programme for the year 2023/2024 was 50.

Except for the Master of Science in Computer Science programme, all the masters' programs consist of two years (Four academic semesters). Master of Science in Computer Science consists of two and half

years (Five academic semesters). Lectures except for the Information Security programme are held only on weekends. According to the workload and the number of credits for the programme, they are equivalent to full time programs although the students enrolled are full-time employees of private or public organizations. Since the programme starts annually, there are two batches of students at any time of the year. One batch of students is following the first-year courses and the other batch is in the second year of study.

Almost all the classes of the programs in the year 2024 were delivered physically. The live sessions of the classes were conducted.

2.2.1.2 ENROLMENT

The master courses of Information Technology, Computer Science, Information Security and Business Analytics are scheduled to be started in March, 2025 for the 2024/2025 intake, while the recruitment of students was started in 2024. The Inauguration session is also scheduled to be held in March, 2025 at UCSC premises. The academic time table for the programs were announced at the beginning of the course. The academic program for 2024/2025 intake is scheduled to be held in physical mode at UCSC premises. The student handbook for the Master Degree programme for 2024/2025 intake would be designed in 2024 and scheduled to be published in 2025.

Table 2.2.1.2. – A: Postgraduate Enrolment in 2024

Degree Programme	Intake 2023/2024	1st Year Students		2nd Year Students		Total
		New	Repeaters	New	Repeaters	
Master of Computer Science	100	83	58	69	30	340
Master of Science in Computer Science	7			3		10
Master of Information Technology	100	85	47	90		322
Master of Information Security	30	27	13	24		94
Master of Business Analytics	50	37	3	28		118
Master of Cybersecurity	30	28		28		86
Total	317	260	121	242	30	970

Student registration fee of the master's degree programme is one of the main sources of generated income of the UCSC. Therefore, it is very important to obtain active participation and contribution from the academic staff to conduct the programme on time and deliver a quality service. Several private organizations have started a similar master's programme. There is a threat to UCSC postgraduate programs since those organizations are offering high rates of lecture fees for resource persons. Hence, the programme budget was developed to motivate the academic staff to get their contribution to the programme and UCSC activities by considering market rates for resource persons, support for the research and development, staff training and welfare and institutional development. It is important to note that participation in postgraduate programs is not compulsory for the academic staff according to the present work norms and regulations of the university system.

2.2.1.3 STAFF PARTICIPATION

Table 2.2.1.3. – A: Direct Staff Participation in Masters Programme 2024

Degree Programme	Academic Lecturing			Supervision		Administration	Non- Academic
	UCSC	Visiting (Local)	Visiting (Foreign)	UCSC	Visiting		
MCS	35	6	1	11		2 (Exams/ Postgraduate)	6(Postgraduate/ Exam)
MIT		4		21			
MIS		3	1	7			
MBAnalytics		2		7			
Total	35	15	2	46		2	6

2.2.1.4 GRADUATION OF MASTERS PROGRAMME

Postgraduate Convocation for the year 2024 was held on 5th and 6th December 2024. Some repeat students also graduated and some other students requested the postgraduate diploma if they have satisfied the minimum requirements to be qualified. Details are given below.

Table 2.2.1.4. – A: Analysis of Graduation Data of 2024

Course	Intake 2020/ 2021	Graduated							Total
		2020/ 2021	%	2019/ 2020	2018/ 2019	2017/ 2018	2016/ 2017	Previous	
Master of Computer Science	97	17	18	9	7	2			35
Master of Information Technology	102	32	31	13	6				51
Master of Information Security	28	13	46	1					14
Master of Business Analytics	49	31	63	4					35
Master of Science in Computer Science	4	2	50			1			3
Postgraduate Diploma in Computer Science	NA		NA	3	8	1			12
Postgraduate Diploma in Information Technology	NA	1	NA	2	1	1			5
Postgraduate Diploma in Information Security	NA		NA					1	1
Postgraduate Diploma in Business Analytics	NA	1	NA						1
Total	280	97	35	32	22	5		1	157

The list of postgraduate students who were eligible to receive special awards based on their performances in the programme in 2024. Details are given below.

Name of Award/Medal	Name of Recipient
Award for the best performance in Master of Computer Science - 2023	K.A.V.K. Karunanayake
JICA award for the best performance in Master of Information Technology - 2023	D.C. Liyanaarachchi
Asiriyal de Zoysa memorial award for the best performance in Master of Information Security - 2023	R.M.L.S. Bandara
Prof. G.N. Wickramanayake memorial award for the best performance in Master of Business Analytics - 2023	N.F. Fazla
Award for the best performance in Master of Science in Computer Science - 2023	L.K.A. De Silva

2.2.1.5 MASTERS PROGRAMME DEVELOPMENT

By considering the experience of the last few years and the requirement of aligning the master's degree programme with Sri Lanka Qualification Framework (SLQF), the syllabus of all master's degree programmes were revised in 2018. Initiatives have been taken to introduce a new master's programme as a degree of Master of Computing by Research in 2024. The by-laws and regulations of the programme have been approved by the Senate and the Council of the University of Colombo and the necessary steps has been taken to obtain the concurrence of the UGC for the degree programme in 2024.

2.2.1.6 RESEARCH DEGREES – MPhil AND PHD PROGRAMMES

The UCSC has a faculty of highly qualified staff specializing in several sub-domains of computing who have acquired postgraduate qualifications in leading universities in UK, Japan, Sweden, Australia, Canada, and USA, etc. The rich resource pool of academic expertise constitute a multitude of computing research domains such as Software Engineering, Human-Computer Interaction, Machine Learning, Database Management, Natural Language Processing, Computer Graphics and Simulation, Sensor Networks, Distributed Computing, eLearning, Machine Vision, Bioinformatics, etc.

The UCSC launched a state-of-the-art research facility namely UCSC Research Laboratory for the research students in December 2021. The Laboratory is a dedicated interactive research space consisting of over 1000 square feet and aims to strengthen the existing research and development environment of UCSC by providing conducive research and development.

By considering the experience of the last few years, the bylaws and regulations of both the MPhil and PhD degree programs were revised in 2022. The revised By-laws and Regulations of the MPhil/ PhD in Computing degree programs have been approved by the Senate and the Council of the University of Colombo. Registrations for MPhil/ PhD in Computing degrees are open throughout the year.

Possible candidates have been prompted to submit an initial application first and after evaluating the application by a panel, the eligible candidates are facilitated to sit a general computing test. The successful candidates at the test are encouraged to identify potential supervisors by matching their research interests with research areas/groups/interests of the UCSC senior academic staff and submit the official application. Details of registration and graduation for research degrees are given in the table below.

Table 2.2.1.6. – A: Research Degree Registration and Completion 2024

Research Degree	Year 1 (Registration)	Year 1 (Registration 2023)	Year 1 (Registration 2022)	Year 1 (Registration 2021)	Year 2 (Registration 2020)	Year 3 (Registration 2019)	On Extension (Registered before 2018)	Total	No of Graduated in 2024
PhD									
Full Time		1		1		2	2	6	
Part Time		1		1		1	1	4	
PhD – Total		2		2		3	3	10	
MPhil									
Full Time			1	3	1	2	2	9	
Part Time	9		1	1	1	3	9	24	1
MPhil – Total	9		2	4	2	5	11	33	1
Total Research Degrees	9	2	2	6	2	8	14	43	1

2.3 EXTERNAL DEGREE & EXTENSION COURSES

2.3.1 BACHELOR OF INFORMATION TECHNOLOGY (EXTERNAL) DEGREE PROGRAMME

In the past, the BIT programme alone has attracted more than 40,000 students and has produced 3581 graduates; 5128 higher diploma holders and 11448 diploma holders up to the end of 2024. In 2024 (24th Batch) had 2935 new enrolments, and the process for new intake commenced in early 2024 and kept open until September 2024. The following table shows the details of the student registration for the year 2023.

Table 2.3.1. – A: BIT Student Registration - 2024

Course	New Registration	Re-registration	Total
First Year Registration	2935	1274	4209
Second Year Registration	650	896	1546
Third Year Registration	188	498	686
Total	3773	2668	6441

2.3.1.1 STUDENT PERFORMANCE – 2024

The table below highlights the performances of the BIT students over the last four years identifying the number of registered and graduated students along with targets.

Table 2.3.1.1. – A: External Degree Performance over the last four Years

External Undergraduates	Expected	2024	2023	2022	2021
DIT - New Intake	1500	2935	3067	3171	2453
DIT – Registered	2000	4209	4245	4109	2933
DIT – Diplomas	400	849	754	491	575
[DIT/Registered]%	20%	20%	18%	12%	19.6%
HDIT - Higher Diploma Intake	600	650	885	312	553
HDIT - Higher Diploma Registered	1200	1546	1245	588	1128
HDIT - Higher Diplomas	300	200	306	300	313
[HDIT/Registered]%	25%	13%	24.5%	51.0%	27.7%
BIT - Degree Intake	300	188	130	133	300
BIT - Degree Registered	1500	686	643	697	1034
BIT – Graduates	225	141	150	207	350
[BIT/Registered]%	15%	20.5%	23%	29%	33.8%

2.3.1.2 BIT TEACHING INSTITUTES

BIT, www.bit.lk, is conducted in the public-private-partnership mode since UCSC is not directly involved in the teaching process. However, UCSC provides teaching and learning resources such as detailed syllabi with a list of recommended textbooks for each course, model and past question papers, interactive learning materials and self-evaluating quizzes through the Virtual Learning Environment (VLE) [<https://vle.bit.lk/>]. Private teaching institutes can also make use of the VLE resources to conduct teaching for the BIT degree programme. At the moment, the UCSC does not accredit any of the private teaching institutions, whereas, they can attain the status of a “Recognized BIT Teaching Institute”. To become a “Recognized BIT Teaching Institute”, a teaching institute needs to go through three (3) stages.

When a teaching institute commences teaching BIT courses, they need to register with the External Degrees Centre (EDC) of the UCSC. At this stage, they are considered as an “Applied Institute”. When a teaching institute informs the UCSC that they conduct courses for the BIT degree programme along with a list of their students who have registered for the BIT degree, UCSC verifies the records and if acceptable, those teaching institutes are given access to the VLE as readers (not as students or teachers) to see the learning content including interactive learning activities. At this stage, these teaching institutes are considered as an “Application Verified Institute”. When BIT students apply for examinations, students are given an option to disclose the teaching institutes in which they have taken the courses. If students of those teaching institutes, completed the BIT examinations successfully, then, UCSC publishes those institution statistics (analysis) on the BIT website, with the consent of the respective teaching institute. Only those teaching institutes that have satisfactory progress are offered the status of “Recognized BIT Institute” and their institute details are included in the BIT handbook.

For the year 2024, 14 private teaching institutes from 07 districts have attained the status of a “Recognized BIT Institute” and 4 have gained the status “Applied institutes”. Their details and institute

statistics (analysis) based on students' performance in the final examinations are published on the BIT website. For more details, please refer to <http://www.bit.lk> website.

2.3.1.3 BIT EXTERNAL DEGREE GRADUATION AND DIPLOMA AWARDS

Award Ceremony and BIT External degree graduation for 2023 was held on 21st December 2024 and 22nd December 2024 at the Prof. V.K. Samaranayake Auditorium, UCSC.

Table 2.3.1.4. – A: Performance of External Degree Programme - 2024

Course	New registration	Repeaters	Total	No of Graduated
Diploma in Information Technology 2023	2935	1274	4209	849
Higher Diploma in IT 2023	650	896	1546	200
Bachelor of Information Technology 2023	188	498	686	141
All	3773	2668	6441	1190

Table 2.3.1.5. – B: Analysis of Results – BIT Graduation data in 2024

Intake	First	Second Upper	Second Lower	Pass	Total
BIT [Graduation 2023]	2	12	14	113	141

2.3.1.4 CONVOCATION AWARDS

At the convocation and the award ceremony the below mentioned students received special awards based on their performances in the programme.

Name of Award/Medal	Name of Recipient
Prof. V.K. Samaranayake Memorial Medal For The Best Performance at the Bachelor of Information Technology (External) Degree -2023	Not Qualified
Prof. G.N. Wikramanayake Memorial Medal For The Best Performance In Software Development Project - 2023	E.A.M. Prabodhitha
Prof. G.N. Wikramanayake Memorial Medal For The Best Performance In Software Development Project - 2023	W.A.T.D. Senarathne
Mr. M.J.P.U. Samanthilake Memorial Medal For The Best E-Learner – 2023	M.G.D.J.S. De Silva

2.3.1.5 EMPLOYABILITY

At the time of convocation, the employability details of graduates were collected using a questionnaire. The following table provides the details of the employability of UCSC external graduates for the last four years.

Programme	2024	2023	2022	2021	2020
Bachelor of Information Technology	75%	79%	66.2%	86%	86%

2.3.2 EXTENSION COURSES

In 2024, CSC and ADMTC offered eight certificate level courses and registered 702 students and the courses were conducted in physical mode. Accordingly, the below table shows the details of the courses. Certificates were offered based on the active participation in the courses and they could be verified at <http://www.ucsc.lk/verify>.

Table 2.3.2. A: CSC and ADMTC Training Programs - 2024

Course	Division	Duration (weeks)	No. Batches	Participants
Training Course on Data Science with Python	CSC	8	3	75
Training Course on AutoCAD	CSC	8	4	108
Java Application Development Using JavaSE	CSC	8	2	58
Training Course on Python Fundamentals	CSC	8	3	80
Software Quality Assurance Using Test Automation Framework	CSC	8	3	93
Training Course on MERN Stack	CSC	8	5	128
Advanced Multimedia Web Design and Development Techniques	ADMTC	8	3	77
Training Course on Graphic Designing and Creativity Development	ADMTC	8	3	83
Total			26	702

2.3.3 ONLINE EXTENSION PROGRAMMES

The E-Learning Centre of UCSC was established to promote online learning for existing programs as well as to start new online programs based on the national requirements. The Foundation of Information Technology (FIT), <http://fit.bit.lk> was established as an online foundation programme for ICT and also as an alternative certification path to be registered for the BIT degree programme if a student does not have adequate A/L marks. The following table provides the details of the FIT programme in 2024.

Table 2.3.3. A: Statistics of Foundation of Information Technology Programme

Programme	Registration	Applied for * e-Testing	Passed e-Testing
FIT	1140	1667	405

2.3.4 FOREIGN STUDENTS

As a centre of excellence in the region, UCSC believes that it is important to provide opportunities for foreign students to follow programs at the UCSC. One student enrolled under the UGC foreign category (2%) to the Computer Science undergraduate degree programme in 2022 and completed his third year semester 1 studies in 2024. A student registered from Australia for the Master of Cybersecurity Programme in 2023 continued his/her studies in 2024. Seven Sri Lankan students registered to follow the Bachelor of Information Technology External Degree programme under the foreign student category.

3. RESEARCH

3. RESEARCH

3.1 RESEARCH, INNOVATION, AND PUBLICATIONS

Research culture is the most important and distinguished area to showcase the achievements of UCSC. In 2024, several activities were carried out to enhance the research programs at the UCSC. Some of these research activities are linked to research degree programs, and others relate to external organizations that have directly funded research projects at UCSC. The importance of collaborative research was promoted among the academic staff to expand the research activities by allowing them to form research groups at UCSC. Since external funding varies due to competition, internal research and development allocation was maintained to sponsor research activities. A significant percentage of the income of the masters and external degree programme was used for this allocation. At the beginning of 2024, a policy document for UCSC research allocation for R & D was updated to allocate funds for staff research activities in 2024. At the same time, the UCSC called applications for UCSC research allocation in 2024, granting Rs. 1000,000.00 for each staff to continue their research projects with necessary physical/human resources.

3.1.1 UNDERGRADUATE LEVEL RESEARCH PROJECTS

All students of the honors degree programme are supposed to carry out a project with a research component in their final year. The duration of the project is one year and it is usually supervised by one or more senior academic staff members of UCSC. In the Computer Science degree programme, the final year project is an individual project, but it is a group project in the other two degree programs (Information System and Software Engineering). These projects are evaluated independently considering three milestones, namely proposal defense, interim evaluation, and final evaluation, all of which contain a presentation and viva by the staff members who were not involved in the supervision of the project. There are three academic coordinators with respect to degree programs, and there are guidelines to manage the evaluation process.

Degree Programme	Project Coordinator	Number of Students	No. of Projects	Number of Supervisors	Number of Examiners
BSc Honors in Computer Science	Dr. (Mrs.) H.N.D. Thilini Ms. J.G.S. Rupasinghe Ms. S Hamsavasini	31	31	13	28
BSc Honors in Information Systems	Dr .K.D. Sandaruwan Ms. M.A.S.U. Fernando	25	9	10	25
BSc Honors in Software Engineering	Dr. B.H.R. Pushpananda Ms. M.A.I. Perera	22	7	11	19

3.1.2 MASTERS LEVEL PROJECTS

In all master's degree programs, students are supposed to carry out an individual project or independent study as a primary requirement to complete the degree programme. The individual project expands over two semesters (one calendar year), and a supervisor who is usually a senior academic staff member of the UCSC is appointed to supervise each student. Project coordinators are appointed at the beginning of the academic year to manage the evaluation process. The individual projects can be categorized as

research type projects and implementation type projects. In the Master of Computer Science programme, most of the projects are research types. In other programs such as Master of Information Technology, Master of Information Security, and Master of Business Analytics, individual projects are implementation type. However, some projects have a research component. Details of master's projects in 2024 are given below.

Table 3.1.2. A: Evaluation of Masters Level Projects

Degree Programme	Academic Year	Registered Students (First Time + Repeaters)	
		2023/2024	Repeaters
MCS	2023/2024	83	29
MSc in CS		7	
MIS		27	
MIT		85	
MBAanalytics		37	
Cybersecutiry		28	

3.1.3 PROJECTS OF RESEARCH DEGREES

In the MPhil and PhD programme, the research project is the main component and students are supposed to defend them to an independent examination panel that consists of local and foreign examiners depending on the degree programme. In 2024, several applicants registered for research degree projects, and details were presented below.

Table 3.1.3. A: Projects of Research Degrees

Degree Programme	Registered
MPhil/ PhD in Computing	9
Total	9

3.1.4 FUNDED RESEARCH PROJECTS

3.1.4.1 INTERNAL RESEARCH AND DEVELOPMENT PROJECTS

In 2024, UGC did not allocate funds for research and development activities, and the capital grant was not enough to cover the infrastructure development activities of the UCSC. Hence, it was decided to utilize the research allocation of postgraduate programs to fund research projects carried out by the senior academic staff. All staff members were invited to submit research proposals based on their planned research activities during 2024 and 20 proposals conducted under respective 14 research groups were financial assisted. The following table shows the details of each project and research group.

Table 3.1.4.1. – A: Allocation, Utilization and Outcome of Funded Research Projects 2024

Research Project/Activity	Principal Investigator/ Research Group	Allocation Rs	Utilization Rs
Developing Sandhi Splitting and a Parallel Corpus for Sinhala and Sri Lanka Tamil Languages	Dr. B H R Pushpananda LTRL Research Group	1,000,000	732,489.06
Developing a Word Embedding Model and Language Model for Sinhala			
Virtual Machine Failure Prediction	Dr. M G D K Fernando ECloudML Research Group	1,000,000	60,000.00
Context Aware Music Recommendation and Generation	Mr. R M U A Rathnayake USEHCI Research Group	1,000,000	420,000.00
Screening Blood Images and Red Blood Cell Indices of Thalassemia using Deep learning techniques	Ms. C R Wijesinghe BioSys Research Group	1,000,000	644,300.00
Audio Monitoring and Remastery Detection using Time Series Techniques	Dr. M I E Wickramasinghe COTS Research Group	1,000,000	640,000.00
A Framework for Predicting Music Popularity: A Physiological Study			
Developing a Pests and Diseases Detection Support Chatbot for Paddy Cultivation Management	Dr. L N C De Silva C4SA (Sustainable Agriculture) Research Group	1,000,000	159,310.34
Setting up a Hydroponic Experimental Setup			
Improving the Quality of Life of Elderly and Visual Impaired using Mixed Reality (MR)	Dr. K T K T Karunanayake MixedReality Research Group	1,000,000	585,637.50
Developing New Assistive Interfaces for Elderly and Children			
Smart Learning Environment	Dr. T A Weerasinghe EduSmart Research Group	1,000,000	116,129.03
Enhanced Human-Machine-Thing Interaction: Optimizing Control of External Devices through Braing and Body Signal Translation with Integrated Machine Learning and IoT	Dr. H E M H B Ekanayake MindSys Research Group	1,000,000	632,773.81
EBW Evaluation, Conscious/Embodied AI, Enhanced Human-Machine-Thing Interaction, & Integrated Robotics for Sustainable Coconut Farming			

Developing a Human-Following Robot for Transporting Goods in an Office Environment			
Harnessing Biosensors for Climate-Resilient Precision Agriculture	Dr. Asanka P Sayakara IMCS Research Group	1,000,000	952,241.49
Biomechanics Analysis via AI-based Human Skeleton Trackings	Dr. K D Sandaruwan Sim Research Group	1,000,000	590,000.00
Teaching Assistant BOTs in Moodle: Design, Development, and Deployment of BOTs to facilitate interaction in online learning	Prof. K P Hewagamage AI in Education Research Group	1,000,000	600,000.00
Towards Biodiversity Monitoring through Bird Species Identification by Bird Sounds Classification and Medical Data Based Research	Dr. Samantha Mathara Arachchi Data Analytics and Visualization Lab (DAV Lab)	1,000,000	560,000.00
Malicious Network Activity Detection through Electromagnetic Radiation in Wired Ethernet	Prof. T N K De Zoysa Security & Forensics Research Group	1,000,000	560,000.00

Permanent academic staff of UCSC, comprising both senior and junior staff, were supported to attend both local and foreign conferences/ symposiums and workshops using the generated income of the postgraduate programme. Details of their participation are given below.

Table 3.1.4.1. B: Participation of Conferences/Symposium and Workshops - 2024

Staff Level and Type of Conference	Published/ Presented	Total
Senior Academics – Conferences held in Sri Lanka	23	23
Senior Academics – Conferences held outside Sri Lanka	36	36
Junior Academics – Conferences held in Sri Lanka	1	1
Junior Academics – Conferences held outside Sri Lanka	6	6
Total	66	66

3.1.4.2 RESEARCH PROJECTS FUNDED BY EXTERNAL PARTIES

UCSC staff directly submitted proposals to local and foreign authorities to obtain funds for research and development activities of the UCSC. The following table shows the details of projects carried out in the year 2024.

Table 3.1.4.2. - A: Utilization and Outcome of Research Projects Funded by External Parties -2024

Project Name	Principal Investigator	Donor Agency or Sponsoring Organization	Type of Grant (Local or Foreign)
Swedish Research Link; Autonomous Visual Detection of Bio-hazards Locations with Aerial Drones	Prof. T.N.K. De Zoysa	Swedish Research Council	Foreign

3.1.5 ALLOCATION FOR RESEARCH THROUGH POSTGRADUATE PROGRAMME AND UTILIZATION

It is essential to maintain the research and development activities for the sustainability of the master's and research degree programs at UCSC. Government allocation for research and development is very unpredictable, and in some years, for example, in 2018, there was zero allocation for research and development. Hence, a part of the income from the master's degree and external degree programme was allocated during the last 16 years to establish the sustainability of research activities at UCSC. This allocation has been used to support research projects as well as research publications in journals and conferences using a quota system based on the seniority of the staff members. There are three types of allocation known as "Research Quota" (RQ), "Publication Quota" (PQ) and "Research Carrier Development" (CQ). At the beginning of the year, all permanent academic staff were given a fixed allocation to promote publishing their research outcome in international conferences, journals, and book chapters. At the same time, they were supported to attend both local and foreign conferences within the allocated limit of each staff member.

Staff members were also supported to utilize the allocation to cover their research expenses directly related to their research work such as acquiring goods and services, including access to the internet, subscription of professional organizations, and partial support for externally funded projects, etc. Journal publications in web of science indexed journals were supported through the "open quota" allocation. The following table shows the utilization of Research allocation during 2024.

Table 3.1.5. A: Utilization of Research Allocation during 2024

Staff Members	Utilization (Rs.)	Average Utilization (Rs.)
Senior Staff (29)	12,126,330.22	418,149.32
Junior Staff (15)	2,585,812.74	172,387.52
Total Staff (44)	14,712,142.96	590,536.83

It is important to note that the UCSC Research allocation has been built using the generated income and donations of external parties during the last 17 years. The continuity of research and development irrespective of less government funding and academic and administrative workload is an essential requirement for the sustainability of UCSC.

3.1.6 RESEARCH GROUPS AT UCSC

In order to promote the collaborative research culture, UCSC staff are invited to carry out research and development activities as small teams comprising one or more senior staff members, junior staff members, full or part-time research assistants and students. Some groups also invite external parties to

collaborate to carry out activities of research groups by funding fully or partially as well as contributing to their expertise in the respective area. The following table presents the details of active research groups in 2024.

Table 3.1.6. A: Research Groups in 2024

Group Name	Goal of Research Group	Members of Research Group
Language Technology Research Laboratory (LTRL) Research Group	Research publication	Dr. Randil Pushpananda (PI), Dr. H N D Thilini, Mr. W V Welgama, Mr. Chamila Liyanage
ECloudML Research Group	Research publication	Dr. MGDK Fernando (PI)/ Prof. MGNAS Fernando/ Mr. Kavinda Athapattu/ Dr. JD Herath (EX) - (Ms. Disni Ratnayake (RA)/ Mr. Oshan Mudannayake - Intern)
USEHCI Research Project	Journal publication	Mr. R M U A Rathnayeka (PI)/ Dr. Thilina Halloluwa / Dr. Kasun Karunanayake/ Dr. Manjusri Wickramasinghe
BioSys Research Group	Conference/Journal Publication	Ms. C R Wijesinghe (PI)/ Dr. A R Weerasinghe/ Ms. Amali Perera/ Ms. Sadani Thrimavithana/ Ms. Lakshika Sewwandi Gamage
COTS Research Group	Research Publications	Dr. MIE Wickramasinghe (PI)/ Mr. PP Marasinghe/ Mr. NHPI Maduranga/ Mr. RNS Abeyweera
C4SA (Sustainable Agriculture) Research Group	Research Publication	Dr. LNC De Silva (PI)/ Dr. KD Sandaruwan/ Dr. Randil Pushpananda/ Dr. CI Kappetiayagama/ Prof. TNK De Zoysa
MixedReality Research Group	Research Publication	Dr. K T K T Karunanayake (PI), Dr. M I E Wickramasinghe, Ms. Amali Perera
EduSmart Research Group	One or more research publications and a prototype of an online learning platform for continuous education	Dr. T A Weerasinghe (PI), Prof. K P Hewagamage (Advisor), Ms. M W A C R Wijesinghe, Ms. M Krishnathasan, Ms. J E Jayathma Chathurangani, Mr. W R N S Abeyweera, Ms. M V P T Lakshika, Ms. K G L S Gamage
MindSys - Mind Systems Research Group	Research Publications	Dr. H E M H B Ekanayake (PI), Dr. K H E L W Hettiarachchi, Dr. L N C De Silva, Mr. P K M Thilakarathna
IMCS Research Group	Dr. Asanka P Sayakara (PI), Dr. L N C De Silva, Dr. K A K T Karunanayake, Mr. Kenneth Thilakarathne, Dr. B H R Pushpananda, Dr. C I Keppitiyagama, Dr. Chaminda Ranasinghe, Mrs. Gayahari Purage, Ms. Amali Perera	One publication in a high-impact journal

Modeling and Simulation (Sim) Research Group	Dr. K D Sandaruwan (PI), Prof. Kapila Dias, Dr. C I Keppitiyagama, Dr. Shiromi Arunathilake, Prof. T N K De Zoysa	The research outcome will be a publication that presents a Comparison of AI-Based Human Skeleton Tracking Libraries and Process Development for improving their application in various fields, such as biomechanics analysis
AI in Education Research Group	Prof. K P Hewagamage (PI), Dr. K H E L W Hettiarachchi, Dr. H N D Thilini	Teaching Assistant BOTs in Moodle: Design, Development, and Deployment of BOTs to facilitate interaction in online learning
Security & Forensics Research Group	Prof. Kasun De Zoysa(PI), Mr. Chathura Suduwella, Mr. Chenuka Jayanath, Mr. Dilum Chaminda, Dr. Asanka P. Sayakkara	Papaer Punlication

3.1.7 RESEARCH PUBLICATIONS AND AWARDS

The following table shows the summary of research publications in 2024 and details of all the publications are given at the end of this section.

Table 3.1.7. – A: Publication Summary - 2024

Type of publication	Held/Published in Sri Lanka	Held/Published outside Sri Lanka	Total
Conferences	14	24	38
Journals	13	23	36
Total	27	47	74

The Academic staff plays the role of facilitating publishing research articles by guiding students and research assistants. They hardly find enough time to be the first author due to teaching and administrative workloads. The following table shows the profile of publications with respect to each staff member in 2024.

3.1.7. - B: Detail Analysis of Publications - 2024

Name of Staff Member	Conferences	Journals	Total
Prof. K.P. Hewagamage		1	1
Dr. A.R. Weerasinghe	5	2	7
Dr. D.A.S. Atukorale		2	2
Mr. G P Senaviratne	1		1
Prof. T.N.K. De Zoysa	3	3	6
Dr. C.I. Keppitiyagama	1	2	3
Dr. D.N. Ranasinghe		1	1
Dr. H.A. Caldera		1	1
Mrs. C.R. Wijesinghe		2	2
Dr. L.N.C. De Silva		1	1
Dr. M.I.E. Wickramasinghe	2	2	4

Dr. H.K.T.C. Halloluwa	2	2	4
Mr.W. V. Welgama		3	3
Dr. K.D. Sandaruwan	2	6	8
Dr. (Mrs) T.A. Weerasinghe	1		1
Dr. (Ms) K.H.E.L.W. Hettiarachchi		1	1
Dr. A.P. Sayakkara	2	4	6
Mr. R.N. Rajapaksha	1		1
Dr. K.A.K.T. Karunanayake	5	1	6
Dr. B.H.R. Pushpananda	2	2	4
Dr. H.N.D. Thilini		1	1
Dr. M.G.D.K. Fernando	1		1
Mr P K M Thilakarathna		1	1
Mr. M A P P Marasinghe	2	1	3
Mr. R.M.U.A. Rathnayake		3	3
Ms. M A I Perera	1		1

3.1.7.1 AWARDS FOR RESEARCH DURING 2024

UCSC continued to encourage students and staff to submit their research and development work for external evaluation to obtain national and international recognition. The details of awards received in 2024 are given below.

Table 3.1.7.1. – A: Awards for Research and Development Projects –2024

Name of the awards	Awarding Agency	Publication or Project	Team members
Best paper awards	Sabaragamuwa University of Sri Lanka, Faculty of Computing	Publication	Thilina Halloluwa, Mathara Arachchi, Manjusri Wickramasinghe, Kasun Karunanayaka, Sasadara Jayaweera, Vithanage Piyumikaline, Dimuthi Tharaka, Pandula Pallewatta

Table 3.1.7.1. – B Other Award and achievement – 2024

Name with initials	Name of the Award	Awarded year	Awarded organization
Dr. T A Weerasinghe	Advancing Digital Education Certificate of Appreciation for the successful implementation of the following project in collaboration with UNESCO	2024	UNESCO-ICHEI

3.1.7.2.1 KEYNOTE/INVITED SPEECHES OF UCSC STAFF

3.1.7.2. - A: Detail of Keynote / Invited speeches of UCSC staff – 2024

Name of the staff	Event	Topic
Dr. S D Gamage	Keynote session at the IEEE WIE ILS, Anna University Chennai, India	From Barriers to Breakthroughs: How can Women in STEM lead the charge in a Digital World

3.1.7.2. - B: Detail of UCSC staff as Resource Persons at Workshops/Tutorial/Seminars– 2024

Name of the staff	Event	Topic
Dr. S D Gamage	Workshop on Research Methods for Computing Students at NSBM Green University, Sri Lanka	Research Methods
	Seminar on The complex societal effects of AI-generated content' as part of the project for EU Digital Citizens Project, EU	The complex societal effects of AI-generated content' as part of the project for EU Digital Citizens Project, EU
	Lecture at the the research lab head by Prof. Ingmar Weber on Implications of AI , Germany	Weber on Implications of AI
	Workshop at India HCI Symposium organized at VIT, Vellore, India	Designing Tools and Technologies to Combat AI Generated Misinformation using Design Science Research Methods(DSRM)
	Workshop at the ICARC conference	Leveraging Generative AI in Computational Social Science and Human Computer Interactions Research
Dr. R N Rajapasha	Workshop hosted by SL CERT	Cyber Security Threat Landscape in the Context of Emerging Technologies at the Stakeholder Consultation on Computer Crimes and Emerging Technologies by SL CERT
Dr. M W A C R Wijesinghe	Advancing Next Generation Sequencing in South Asian Region: A Residential Workshop	Quality Control Alignment, Variant Calling and Functional Annotation of NGS data

3.1.8 INTERNATIONAL CONFERENCE - ICTER 2024

The International Conference on Advances in ICT for Emerging Regions is the Annual Conference hosted by the University of Colombo School of Computing. In the year 2024, 24th ICTer International Conference (ICTer 2024), was held on November 6th and 7th, 2024, at the Marino Beach Hotel, Colombo. This prestigious event continued its legacy as a platform for exploring the latest developments and innovations in the ICT landscape, featuring 19 high-quality paper presentations.

The conference was graced by several distinguished keynote speakers who inspired participants on timely and critical topics:

- Prof. Chris Bain (Faculty of IT, Monash University, Australia) discussed "What in Digital Health is 'Free'?".
- Prof. Thambipillai Srikanthan (College of Computing & Data Science, Nanyang Technological University, Singapore) explored "Cybersecurity of Infrastructure".
- Dr. Mohamed Nabeel (Principal Researcher, Palo Alto Networks) presented on "Securing AI: Navigating AI Risks to Build a Safe Digital World".
- Lothar K. Becker (Co-Chair, LibreOffice TDF Certification Committee) spoke about "Is Open Source with Co-Pilots at Risk? Why LibreOffice Technology Never Could Be an OpenAI Case?".
- Prof. Thiemo Voigt (Uppsala University and RISE) and Ludvig Kolmodin (Chief Technology Officer, Cambio Group) delved into the potential of AI in healthcare.

The 24th ICTer Conference was generously supported by several esteemed sponsors and partners, highlighting their commitment to the event's success. Cambio served as the Gold Sponsor, Dialog Finance as the Silver Sponsor, and WSO2 as the Bronze Sponsor. Exam Genius contributed as the Keynote Sponsor, while A Taste of Ceylon, provided by English Tea Shop, was the Partner of the Keynote Honor. Unidil supported the conference as the Stationery Sponsor, with Dialog Enterprise as the Enterprise Connectivity Partner, People's Bank as the Business Promotional Partner, and PickMe as the Mobility Partner.

The conference officially commenced with an inauguration ceremony on the 6th of November 2024, marking the beginning of this significant event. The Chief Guest for the event was Senior Professor (Chair) H.D. Karunaratne, Vice Chancellor of the University of Colombo. During the inauguration, Dr. Ajantha Atukorale/Director, and Conference Co-Chair Dr. Kasun Gunawardana, extended a warm welcome to the conference guests. The conference concluded on the evening of the 7th of November 2024, with Conference Co-Chair Dr. Lasanthi De Silva delivering the closing remarks.

Another standout feature of ICTer 2024 was its pre-and post-conference workshops, offering participants valuable insights and hands-on experience. These workshops addressed themes such as building Sinhala/Tamil Large Language Models, global game design and development, transformer models, and UX design essentials.

This year's conference also welcomed 80 state and private university students, who had the unique opportunity to engage with leading researchers and practitioners. The "I am a Researcher" program, introduced as a highlight last year, continued to make waves. This initiative provides full scholarships for competitively selected final-year undergraduates from Sri Lankan universities pursuing ICT-related programs.

Participants of the program were given avenues to strengthen their research networks and collaborate on innovative ideas. In recognition of their efforts, awards for Most Popular Researcher, Young Outstanding Researcher, and Most Contributing Researcher were presented, alongside new challenges designed to inspire and engage the budding ICT community.

ICTer 2024 not only celebrated technological innovation but also reaffirmed its commitment to fostering research, education, and industry collaboration, promising an even more impactful event in the years to come.

Detailed information about the 24th ICTer International Conference is available on the official ICTer website: [24th ICTer International Conference](#).

Conference Co-Chairs	Dr. Kasun Gunawardana Dr. Lasanthi De Silva
Steering Committee Members	Dr. Chamath Keppitiyagama Dr. Damitha Sandaruwan Mr. Kenneth Thilakarathna Dr. Randil Pushpananda Dr. Shiromi Arunatileka Dr. Manju Wicramasinghe Mr. Tharindu Wijethilake
Conference Secretariat	Ms. Madhumali Dhanawardana
Technical Program Committee Chair	Dr. Asanka Sayakkara
University Liaisons Committee Chair	Mr. Isuru Nanayakkara
Keynote Speakers' Handling Committee Chair	Mrs. Sanduni Thirimahavithana
Registration Committee Chair	Mr. Viraj Welgama
Secretariat	Ms. Nisansala Weerasooriya
Workshop Handling Chair	Mr. Tharindu Wijethilake
Webmaster	Mr. Tharindra Galahena Mr. Ashintha Perera

3.1.9 INTERNATIONAL JOURNAL – ICTER

The International Journal on Advances in ICT for Emerging Regions (ICTer) aims to promote journal-level publications through a peer-review process. This journal was initiated as a project by UCSC in order to promote Computing publications in 2008. The journal welcomes researchers in ICT-related fields, particularly from emerging regions, to disseminate knowledge through an international network to an international audience by way of an internationally acclaimed journal. ICTer will expose its writers to prominent research institutions and funding organizations like SIDA, SPIDER, JAICA, KOICA, World Bank, etc. Its ISSN is 2550-2794 and available at the <http://journal.icter.org/>. In 2024, the Google Scholar h-index of the ICTer Journal is 13. The following members were appointed as the staff of ICTer Journal.

Editors

- Prof. Kamalnath Priyantha Hewagamage, University of Colombo School of Computing, Sri Lanka
- Prof. GDSP Wimalaratne, University of Colombo School of Computing, Sri Lanka
- Prof. Abhaya Induruwa, Canterbury Christ Church University, United Kingdom

Associate Editors

- Dr. Kasun Karunanayake, University of Colombo School of Computing, Sri Lanka
- Dr. LNC De Silva, University of Colombo School of Computing, Sri Lanka
- Dr. Thilina Halloluwa, University of Colombo School of Computing, Sri Lanka

- Mr. WV Welgama, University of Colombo School of Computing, Sri Lanka
- Dr. Asanka P Sayakkara, University of Colombo School of Computing, Sri Lanka
- Dr. HND Thilini, University of Colombo School of Computing, Sri Lanka
- Dr. MIE Wickramasinghe, University of Colombo School of Computing, Sri Lanka
- Dr. DN Ranasinghe, University of Colombo School of Computing, Sri Lanka
- Dr. (Mrs.). TA Weerasinghe, University of Colombo School of Computing, Sri Lanka
- Dr. BHR Pushpananda, University of Colombo School of Computing, Sri Lanka

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- Ms. Lojenaa Navanesan, Department of Information and Communication Technology, University of Vavuniya, Sri Lanka
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- Dr. Sinnathamby Mahesan, Department of Computer Science, Faculty of Science, University of Jaffna, Sri Lanka
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- Ms. T.G.S.D Gamagedara, University of Colombo School of Computing, Sri Lanka

Webmaster

- Mr. GMTC Galahena, University of Colombo School of Computing, Sri Lanka

The statistics of ICTer Journal are as follows:

1. Number of submissions (2024) = 33
2. Number accepted = 15
3. Number published = 14
4. Number of issues = 4 – available at <http://journal.icter.org/index.php/ICTer/issue/archive>

Major activities of ICTer Journal during 2024

1. Published – 2024 Special Issue, Vol 17, No 01
2. Published – 2024 June Issue, Vol 17, No 02
3. Published – 2024 September Issue, Vol 17, No 03
4. Published – 2024 December Issue, Vol 17, No 04

3.1.10 RESEARCH PUBLICATIONS – 2024

3.1.10.1 JOURNAL PUBLICATIONS – 2024

01	Lojenaa Navanesan, Nhien-An Le-Khac, Mark Scanlon, Kasun De Zoysa, Asanka P Sayakkara, “Ensuring cross-device portability of electromagnetic side-channel analysis for digital forensics”, Journal of Forensic Science International: Digital Investigation, Publication date: 2024/3/, Volume: 48, Pages: 301684, Publisher: Elsevier, Doi: https://doi.org/10.1016/j.fsidi.2023.301684
02	Muhammad Rusyaidi Zunaidi, Dr. A P Sayakkara, Mark Scanlon, “Systematic Literature Review of EM-SCA Attacks on Encryption”, arXiv e-prints, Publication date: 2024/2, Doi: https://ui.adsabs.harvard.edu/abs/2024arXiv240210030R/abstract
03	Rashini Maduka, C. R. Wijesinghe, A. R. Weerasinghe, “Predicted Drug-Drug Interactions in Diabetes Mellitus with Graph Convolutional Autoencoder”, ICCBB '23 7th International Conference on Computational Biology and Bioinformatics, Publication date: 07th March 2024, Publisher: Association for Computing Machinery, Doi: https://doi.org/10.1145/3638569.3638576
04	Pasindu Wijesena, Lakshman Jayarathne, Manjusri Wickramasinghe, Shakya Abeytunge, Pasindu Marasinghe, “Metric Learning with Sequence-to-sequence Autoencoder for Content-based Music Identification”, Journal of: ITM Web of Conferences, 09th January 2024, Doi: https://doi.org/10.1051/itmconf/20246000007
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08	M Fernando, K D Sandaruwan, A M K B Athapaththu, “Deep Learning Evaluation of Taekwondo Poomsae movements using skeleton points”, JOURNAL OF THE NATIONAL SCIENCE FOUNDATION OF SRI LANKA, Publication date of 2024/3, Doi: http://www.nsf.ac.lk/images/nsf/jnsf/JNSF_Volume_52_No_1.pdf#page=147
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	requirements”, Journal of Data in Brief, Publication date: 2024/6/1, Doi: https://doi.org/10.1016/j.dib.2024.110479
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11	Ashmari Pramodya, KTY Mahima, Randil Pushpananda, Ruvan Weerasinghe, “Enhancing Neural Machine Translation for the Sinhala-Tamil language pair with limited resources”, The International Journal on Advances in ICT for Emerging Regions, Publication date of 2024/5/31, Doi: https://journal.icter.org/index.php/ICTer/article/view/511
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21	D M D S Dissanayaka, A R Weerasinghe, SHS Jayakody, Shino Asano, KN Bandara, “Assessment of the Structural Geological, Hydrogeological, and Geomorphological Relationships of the Athwelthota

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30	Shaveen Thialakratne, Viraj Welgama, Ruvan Weerasinghe, “Detecting the Severity of Depression in Online Forum Data by Leveraging Implicit Semantic”, The International Journal on Advances in ICT for Emerging Regions, Publication date: 2024/10/9, Doi: https://journal.icter.org/index.php/ICTer/issue/view/49
31	Janadhi Uyanhewage, Viraj Welgama, Ruvan Weerasinghe, “Multi-Hop Question Answering over Knowledge Graphs”, The International Journal on Advances in ICT for Emerging Regions, Publication date: 2024/10/9, Doi: https://journal.icter.org/index.php/ICTer/issue/view/49
32	Lojena Navanesan, Nhien-An Le-Khac, Yossi Oren, Prof. T N K De Zoysa, Dr. Asanka P Sayakkara, “Cross-device Portability of Machine Learning Models in Electromagnetic Side-Channel Analysis for Forensics”, Journal of Universal Computer Science (JUCS), Publication date: 2024/10/1, Doi: https://pdfs.semanticscholar.org/c145/e98f0e56ed548c59175662a61c0e005cf470.pdf

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34	K Kalindhu Navanjana De Silva, T Sanduni Kumari Lanka Fernando, LD Lakshan Sandaruwan Jayasinghe, MH Dinuka Sandaruwan Jayalath, Kasun Karunanayake, BAP Madhuwantha, "Towards Accurate Detection of Diabetic Retinopathy Using Image Processing and Deep Learning", Journal: methodology, Doi: https://search.proquest.com/openview/09e7e7b29ba93202a8ec6b8def23b0bf/1?pq-origsite=gscholar&cbl=5444811
35	Trenado Azma, Imtiaz, Nethmi, Pathirana, Shakir, Saheel, Kasun, Karunanayaka, Carlos, "A Review on the Influence of Deep Learning and Generative AI in the Fashion Industry", Journal of Future Artificial Intelligence and Technologies, Publication date: 2024/10/17, Doi: https://doi.org/10.62411/faith.3048-3719-29
36	Pratheek Senevirathne, Samindu Cooray, Jerome Dinal Herath, Dinuni Fernando, "Virtual Machine Proactive Fault Tolerance using Log-based Anomaly Detection", Journal: IEEE Access, Publication date: 2024/11/26, Doi: https://doi.org/10.1109/ACCESS.2024.3506833

3.1.10.2 CONFERENCE PUBLICATION – 2024

01	Eranga Bandara, Peter Foytik, Sachin Shetty, Ravi Mukkamala, Abdul Rahman, Xueping Liang, Ng Wee Keong, Kasun De Zoysa, "SliceGPT-OpenAI GPT-3.5 LLM, Blockchain and Non-Fungible Token Enabled Intelligent 5G/6G Network Slice Broker and Marketplace", 2024 IEEE 21st Consumer Communications & Networking Conference (CCNC), Publication date: 2024/1/6, Pages: 439-445, Publisher: IEEE, Doi: https://doi.org/10.1109/CCNC51664.2024.10454701
02	Sasara Jayaweera, Piyumika Sewwandi, Dimuthi Tharaka, Pandula Pallegatta, Thilina Halloluwa, Manjusri Wickramasinghe, Kasun Karunanayaka, Samantha MatharaArachchi, "MangoDB - A TJC Mango Dataset for Deep- Learning-Based Classification and Detection in Precision Agriculture", 4th International Conference on Advanced Research in Computing (ICARC), Publication date: 2024/2, Publisher: Belihuloya, Sri Lanka
03	Deshan Sumanathilaka, Nicholas Micallef, Ruwan Weerasinghe, "Swa-Bhasha Dataset: Romanized Sinhala to Sinhala Adhoc Transliteration Corpus", 2024 4th International Conference on Advanced Research in Computing (ICARC), Publication date of 2024/2/21, Doi: https://doi.org/10.1109/ICARC61713.2024.10499771
04	Dilani Ranaweera, Ruwan Weerasinghe, Randima Dinalankara, "Lip Synchronization Model For Sinhala Language Using Machine Learning", 2024 4th International Conference on Advanced Research in Computing (ICARC), Publication date of 2024/2/21, Doi: https://doi.org/10.1109/ICARC61713.2024.10499753
05	Y Rishoban, G P Seneviratne, "Session Based Recommender System: A Generative Approach", 2024 16th International Conference on Computer and Automation Engineering (ICCAE), Publication date of 2024/3/14, Doi: https://doi.org/10.1109/ICCAE59995.2024.10569614
06	BAP Madhuwantha, ESL Silva, SMSP Samaraweera, AIU Gamage, KD Sandaruwan, "Novel Approach to 3D Simulation of Soft Tissue Changes After Orthognathic Surgery", Book: Future of Information and Communication Conference, Publication date: 2024/3/17 Doi: https://link.springer.com/chapter/10.1007/978-3-031-54053-0_11
07	Sahan Dissanayaka, Manjusri Wickramasinghe, Pasindu Marasinghe, "Temporal Convolution-based Hybrid Model Approach with Representation Learning for Real-Time Acoustic Anomaly Detection",

	Proceedings of the 2024 16th International Conference on Machine Learning and Computing, Publication date of 2024/2/2, Doi: https://doi.org/10.1145/3651671.3651693
08	AV Ann Sinthussha, EYA Charles, Ruvan Weerasinghe, “Machine Reading Comprehension with Tamil Short Story MRC Dataset”, 2024 International Research Conference on Smart Computing and Systems Engineering (SCSE), Publication date of 2024/4/4, Doi: https://doi.org/10.1109/SCSE61872.2024.10550544
09	Nirmalie Wiratunga, Ramitha Abeyratne, Lasal Jayawardena, Kyle Martin, Stewart Massie, Ikechukwu Nkisi-Orji, A R Weerasinghe, Anne Liret, Bruno Fleisch, “CBR-RAG: case-based reasoning for retrieval augmented generation in LLMs for legal question answering”, Book of International Conference on Case-Based Reasoning, Publication date of 2024/6/24, Doi: https://link.springer.com/chapter/10.1007/978-3-031-63646-2_29
10	Yasith Samaradivakara, Thavindu Ushan, Asela Pathirage, Prasanth Sasikumar, Kasun Karunanayaka, Chamath Keppitiyagama, Suranga Nanayakkara, “SeEar: Tailoring Real-time AR Caption Interfaces for Deaf and Hard-of-Hearing (DHH) Students in Specialized Educational Settings”, Book: Extended Abstracts of the CHI Conference on Human Factors in Computing Systems, Publication date of 2024/5/2, Doi: https://dl.acm.org/doi/abs/10.1145/3613905.3650974
11	Kasun Mendis, Manjusri Wickramasinghe, Pasindu Marasinghe, “Multivariate Time Series Forecasting: A Review”, Proceedings of the 2024 2nd Asia Conference on Computer Vision, Image Processing and Pattern Recognition, Publication date of 2024/4/26, Doi: https://doi.org/10.1145/3663976.3664241
12	Thisaru Dhanushika, Thushani A Weerasinghe, “Auto Identifying Key Information in Video Lectures to Generate a Navigation Structure”, 2024 International Research Conference on Smart Computing and Systems Engineering (SCSE), Publication date of 2024/4/4, Doi: https://doi.org/10.1109/SCSE61872.2024.10550668
13	Muhammad Rusyaidi Zunaidi, Asanka Sayakkara, Mark Scanlon, “A Digital Forensic Methodology for Encryption Key Recovery from Black-Box IoT Devices”, 2024 12th International Symposium on Digital Forensics and Security (ISDFS), Publication date of 2024/4/29, Doi: https://doi.org/10.1109/ISDFS60797.2024.10527284
14	B A P Madhuwantha ESL Silva, S M S P Samaraweera, A I U Gamage, K D Sandaruwan, “Check for updates Novel Approach to 3D Simulation of Soft Tissue Changes After Orthognathic Surgery”, Advances in Information and Communication: Proceedings of the 2024 Future of Information and Communication Conference (FICC), Publication date of 2024, Doi: https://books.google.com/books?hl=en&lr=&id=i2X8EAAAQBAJ&oi=fnd&pg=PA138&dq=info:oElABMj9bZ8J:scholar.google.com&ots=LOI0a5izoi&sig=bSH4kmL52iOVu2W710SmHmm4-k0
15	E. Oshani Wickramasinghe, Naveen Rajan, Chathura Wanniarachchi, Kasun Karunanayaka, Prasad Wimalaratne, “Evolution of Formation Control Algorithms for Unmanned Aerial Vehicles”, ISIE 2024 - 33rd International Symposium on Industrial Electronics, UECO - Ulsan Exhibition Convention Center, Ulsan, South Korea, Publication date of 2024/6
16	Chathura Wanniarachchi, Prasad Wimalaratne, Kasun Karunanayaka, “Formation Control Algorithms for Drone Swarms and The Single Point of Failure Crisis: A Review”, ISIE 2024 - 33rd International Symposium on Industrial Electronics, UECO - Ulsan Exhibition Convention Center, Ulsan, South Korea, Publication date of 2024/6
17	Sandun Adhikari, Kasun Karunanayaka, Amali Perera, “AR-IoT Medi Assist: Revolutionizing Elderly Medication Management with AR and IoT”, ISIE 2024 - 33rd International Symposium on Industrial Electronics, UECO - Ulsan Exhibition Convention Center, Ulsan, South Korea, Publication date of 2024/6
18	Eranga Bandara, Sachin Shetty, Ravi Mukkamala, Abdul Rahman, Peter Foytik, Xueping Liang, Prof. T N K De Zoysa, Ng Wee Keong, “DevSec-GPT—Generative-AI (with Custom-Trained Meta's Llama2

	LLM), Blockchain, NFT and PBOM Enabled Cloud Native Container Vulnerability Management and Pipeline Verification”, 2024 IEEE Cloud Summit, Publication date: 2024/6/27, Doi: https://ieeexplore.ieee.org/abstract/document/10631014/
19	Eranga Bandara, Peter Foytik, Sachin Shetty, Ravi Mukkamala, Abdul Rahman, Xueping Liang, Ng Wee Keong, Prof. T N K De Zoysa, “WedaGPT—Generative-AI (with Custom-Trained Meta’s Llama2 LLM), Blockchain, Self Sovereign Identity, NFT and Model Card Enabled Indigenous Medicine Platform”, 2024 IEEE Symposium on Computers and Communications (ISCC), Publication date: 2024/6/26, Doi: 10.1109/ISCC61673.2024.10733674
20	Roshan Rajapakse, Claudia Szabo, “Code Refactoring Strategies of Third Year Software Engineering Students”, Proceedings of the 2024 on Innovation and Technology in Computer Science Education V. 1, Publication date of 2024/7/3, Doi: https://doi.org/10.1145/3649217.3653560
21	Dr. B H R Pushpananda, Chamila Liyanage, Ashmari Pramodya, Dr. A R Weerasinghe, “TamSiPara: A Tamil–Sinhala Parallel Corpus”, International Conference on Text, Speech, and Dialogue, Publication date: 2024/9/1, Doi: https://link.springer.com/chapter/10.1007/978-3-031-70563-2_13
22	Vinuri Piyathilake, Thuthi Dilni, Randil Pushpananda, Lasanthi De Silva, and Yumna Zaheed, Towards a Conversational AI Chatbot to Assist Farmers in Disease Detection, EPIA 2024: International Conference on Artificial Intelligence, 03th to 06th of September, Viana do Castelo, Portugal
23	D. Harshani and H. Ekanayake, "Development and Evaluation of a Research-Grade Electrical Buzz Wire," in EDULEARN24 Proceedings, 16th International Conference on Education and New Learning Technologies, Palma, Spain, 2024, pp. 2382-2388. doi: 10.21125/edulearn.2024.0658.
24	Michael Amar, Lojenaa Navanesan, Asanka P Sayakkara, Yossi Oren, “Two's Complement: Monitoring Software Control Flow Using Both Power and Electromagnetic Side Channels”, 2024 27th Euromicro Conference on Digital System Design (DSD), Publication date: 2024/8/28, Doi: https://doi.org/10.1109/DSD64264.2024.00037
25	Pradeepa Bandara, Dr. H K T C Halloluwa, Dhaval Vyas, “Understanding use of Large Language Models in Healthcare: An HCI Scoping Review”, Association for Computing Machinery, Publication date: 2024/11/30, Doi: https://espace.library.uq.edu.au/view/UQ:1b8f2c5
26	Prof. M G N A S Fernando, Dr. M G D K Fernando, “GENERATIVE AND COLLABORATIVE LEARNING WITH A MODIFIED FLIPPED CLASSROOM APPROACH TO THE KNOWLEDGE ENHANCEMENT OF COMPUTING UNDERGRADUATES”, Conference: EDULEARN24 Proceedings, Publication date: 2024, Doi: https://library.iated.org/view/FERNANDO2024GEN
27	MS. ANUSHA SAMARAWEERA, DR. MENAKA RANASINGHE, PROF. M G N AS FERNANDO, STUDENTS'DROPOUT IN OPEN AND DISTANCE LEARNING ENVIRONMENT: SYSTEMATIC LITERATURE REVIEW, Conference: EDULEARN24 Proceedings, Publication date: 2024, Doi: https://library.iated.org/view/FERNANDO2024GEN
28	W. V. J. I. Wijetunga, H. E. M. H. B. Ekanayake, and L. N. C. De Silva, "Few-shot learning for robotic vehicle control: hand gesture recognition with sEMG and reptile algorithm," in International Conference on Applied and Pure Sciences, Faculty of Science, University of Kelaniya, Sri Lanka, 2024.
29	H. Ekanayake, J. Wijetunga, "Enhancing the Realism and Immersion of the Electrical Buzz Wire Game," in ICERI2024 Proceedings, 17th annual International Conference of Education, Research and Innovation, Seville, Spain, 2024, pp. 9131-9135. doi: 10.21125/iceri.2024.2301.
30	J. Wijetunga, H. Ekanayake, L. De Silva, "Enhanced Rehabilitation Through Real-Time Hand Gesture Recognition Using S-EMG Signals," in ICERI2024 Proceedings, 17th annual International Conference of Education, Research and Innovation, Seville, Spain, 2024, p. 9138. doi: 10.21125/iceri.2024.2306. (Foreign)

31	L. K. A De Silva, L. N. C De Silva, K. D Sandaruwan, Randil. Pushpananda, Task-based Optimisation Model for UAVs: Optimizing Liquid Fertiliser Application Under Dynamic Wind Conditions, The 24th International Conference on Advances in ICT for Emerging Regions (ICTer2024), 6th to 7th November 2024, Colombo 7, Sri Lanka (Local)
32	P. Pallewatta, K. Karunanayaka , S. MatharaArachchi , T. Halloluwa, G Seneviratne, “Quality Grading Methods for Greenhouse Grown Crops Using Computer Vision and Machine Learning – A Review”,50th Annual Conference of IEEE Industrial Electronics Society,Chicago,2024 IEEE Xplore: Pending Publisher:- IEEE, Conference:- 4th November 2024 (International – USA), Conference:- https://www.iecon-2024.org/ (Foreign)
33	P. Pallewatta, T. Halloluwa, K. Karunanayaka, G. Seneviratne, S. Mathara Arachchi, “BellCrop – A Bell Pepper Leaf Dataset for Disease Classification and Yield Enhancement using Machine Learning”,50th Annual Conference of IEEE Industrial Electronics Society,Chicago,2024, IEEE Xplore: Pending Publisher:- IES-IEEE, Conference:- 4th November 2024 (International – USA), Conference:- https://www.iecon-2024.org/ , Top Young Professionals (Top 45) – Selected, Youtube Link :- https://youtu.be/UsX-5EAYWkk?list=PLO5umi31c_83D99OTWJu37Vdu8rAv2Jqb&t=5 (Foreign)
34	C. Ariyaratne,S. Mathara Arachchi, P. Pallewatta, K. Karunanayaka, G Seneviratne,T. Halloluwa“An Automated Model for Predicting Weekly Tea Auction Prices at Colombo Tea Auction for Specific Elevations and Grades”,6th International Conference on Advancements in Computing 2024 (ICAC), IEEE Xplore:- Pending, Publisher:- IEEE, Conference:- 12th December 2024 (Local)
35	P Pallewatta, D Seneviratne, G Seneviratne, K. Karunanayake, S. Mathara Arachchi, “PepperTester: A Non-Destructive Approach to Assess the Purity of Black Pepper Seed Samples -Abstract”, “25th ICTer International Conference,2024”, IEEE Xplore:- Pending, Publisher:- IEEE, Conference:- 8th November 2024, Publisher:-Journal of National Science Foundation (JNSF) an ICTer Journal (journal.icter.org) (Local)
36	D Muthugala, S Mathara Arachchi , P Pallewatta, A Maithripala, G Seneviratne, “Predicting Employee Attrition & Employee Retention Period Using Supervised Learning”,6th International Conference on Advancements in Computing 2024(ICAC) , IEEE Xplore:- Pending, Publisher:- IEEE, Conference:- 12th December 2024 (Local)
37	V. Ubayawickrema , S. Mathara Arachchi , P. Pallewatta, K. Karunanayaka, A. Maithripala, “Analyze Factors Affecting Thread Consumption in a Garment and Develop a Machine Learning-based Prediction Model”,8th SLAAI International Conference on Artificial Intelligence (SLAAI-ICAI),IEEE Xplore:- Pending, Publisher:- IEEE, Conference:- 18th December 2024 (Local)
38	A. Mairthipala , S. Mathara Arachchi, K. Karunanayaka, R. Perera, P. Pallewatta,“A Review of Automated Bird Sound Recognition and Analysis in the New AI Era”,8th SLAAI International Conference on Artificial Intelligence (SLAAI-ICAI),IEEE Xplore:- Pending, Publisher:- IEEE, Conference:- 18th December 2024 (Local)

3.1.10.3 BOOK CHAPTERS – 2024

1	Thushani A. Weerasinghe, “Case 14: The Right Time to Receive a Helping Hand: A Story of Blended Learning Practices at the University of Colombo”, Book: Handbook of Educational Reform Through Blended Learning, Springer Nature, Publication date: 2024, https://doi.org/10.1007/978-981-99-6269-3 (Foreign)
2	Athula Ginige, Lasanthi NC De Silva, Ganganee C Samaraweera, “Digital agrifood ecosystems: Digital platforms for inclusive, efficient, sustainable food systems to achieve food security”, Book: Handbook on Public Policy and Food Security, Publication date of 2024/4/19, Doi: https://doi.org/10.4337/9781839105449.00028

4. HUMAN RESOURCES – ACADEMIC AND NON-ACADEMIC

4. HUMAN RESOURCES – ACADEMIC AND NON-ACADEMIC

Current UCSC cadre follows 2017 revised manual.

4.1 UCSC CADRE

The University of Colombo School of Computing (UCSC) struggles to recruit qualified and capable academic staff due to high demand from the private sector and industry. Despite repeated advertising for senior and junior positions, UCSC has not secured a sufficient number of suitable candidates. Additionally, several probationary staff members have resigned for higher studies, leaving vacancies. The issue persisted even after new recruitments were made. Government-imposed restrictions on recruitment since 2022 have further exacerbated the problem, leading to a rapid increase in vacant positions; Academic and non-academic staff categories. This poses a significant challenge in managing the institute smoothly.

Table 4.1. A: Summary of UCSC Staff Distribution

Designation Department/ Division/ Unit/ Centre	Approved Cadre	Existing Cadre	
		Permanent	Contract/Temp/ Assignment
(1) Director's Office	5	5	
(2) Establishment Division	8	4	2
(3) General Administration Division	12	6	2
(4) Academic & Publication (Undergraduate) Division	15	3	3
(5) ISE Department (Academic)	58	19	38
(6) CIS Department (Academic)	43	15	
(7) CMT Department (Academic)	53	14	
(8) Finance Division	12	12	2
(9) Examination Division	11	7	3
(10) Advanced Digital Media and Technology Centre (ADMTC)	7	2	2
(11) Centre for Digital Forensic (CDF)	4	3	1
(12) Library	6	4	
(13) Postgraduate Division	3	3	2
(14) Engineering & Maintenance	10	5	1
(15) Network Operating Centre (NOC)	15	8	3
(16) External Degree Centre (EDC)	10	6	6
(17) Professional Development Centre (PDC)	2		1
(18) Computer Service Centre (CSC)	2	1	
(19) Quality Assurance Cell (QAC)		1	
(20) E-Learning Centre (ELC)		1	6
Total	276	119	72

Service Category	Salary Code	Approved Cadre	Actual Cadre	Vacancies
1. Primary Level				
Primary Grade - Unskilled	U- PL 1	16	13	3

Primary Grade - Semi Skilled	U- PL 2	3	3	
Primary Grade - Skilled	U- PL 3	5	3	2
2. Secondary Level				
Management Assistant - non - Technical	U- MN 1	53	34	10
Staff Assistant/ Supra & Senior Staff Assistant	U- MN 4		9	
Management Assistant - Technical	U- MT 1/U-MN4	10	4	6
3. Tertiary Level				
Temporary Tutor/Demonstrator/ Instructor/Asst.Lecturer/Research Assistant/Lecturer	Fixed	53	38	15
Academic Support - Segment 2	U-AS 1	5	5	
Junior Executive / Managers	U-EX 1	7	3	4
Academic Support - Segment 1	U-AS 2	14	13	1
4. Senior Level				
Middle Level Executives	U-EX 2	10	4	1
Middle Level Executives	U- EX 2(a)		5	
Senior Lecturer /Lecturer / Lecture (Prob.)/ Asst. Librarian	U AC 3	100	57	43
Associate Professors	U- AC 4			
Professors/ Senior Professors	U- AC 5			

In 2024, temporary instructors and assistant lecturers were appointed. The organization had 190 staff members and 85 vacancies according to the Cadre manual.

4.2 OVERALL PROFILE OF THE UCSC STAFF

Academic Staff qualifications listed.

No. of Staff	PhD	MPhil	MSc	BSc (Hons)
49	29	6	4	10

Administrative and Finance Staff qualifications listed.

No. of Staff	PhD	MPhil	MSc/MBA	Bachelor	Diploma
12		1	11		

4.3 RECOGNITION OF UCSC STAFF

In 2024, staff members completed 25+ years of service, recognized at the Long Service Award ceremony.

Staff Member	Designation	Date of First Appointment	Date of Completion of 25 years or more	Total Service at the University System as at 31.12.2024
Prof. TNK De Zoysa	Professor	04.01.1999	03.01.2024	25 years
Mrs. W R Matiwalakumbura	Senior Staff Management Assistant	02.11.1999	01.11.2024	25 years
Mr. W K C Weerakkody	Staff Technical Officer Gr. I	14.10.1999	13.10.2024	25 years
Mr. D N Gunawardena	Staff Technical Officer Gr. II	23.08.1999	22.08.2024	25 years
Snr. Prof. K P Hewagamage	Senior Professor	15.07.1994	14.07.2024	30 years
Mr. K P M K Silva	Senior Lecturer Gr. II	07.04.1994	06.04.2024	30 years
Prof. G K A Dias	Professor	01.06.1984	31.05.2024	40 years

4.4 STAFF DEVELOPMENT AND TRAINING

Permanent Academic Staff received funding for international conferences, workshops, and seminars based on seniority. Additional support was provided using generated income and government grants, depending on staff grade and job requirements.

Details of UCSC staff training programs in 2024.

Sn	Programme	Category of staff participated	No. of participants	Spent Amount (Rs.)
01	One day work shop for “Finacial Statements 2023” – PRAG Service (PVT)Ltd	Administrative staff (Finance)	1	13,500.00
02	One day work shop for “ Expenditure & payment Procedure” – PRAG Service (PVT)Ltd	Management Assistant (Book Keeping) & Works Aide	3	40,500.00
03	One day work shop for “Public Procurement Procedure”	Administrative staff	3	40,500.00
04	One day work shop for “ Tax & Law & Computation of Income Tax Liability”	Administrative staff (Finance)	1	13500.00
05	UCSC staff Awareness on 2024 Procurement Guidelines on 09th December 2024	All staff		30,000.00

06	Reimbursement fee completing the certificate in Teaching in Higher Education(CTHE)	Academic staff	7	210,000.00
07	Reimbursement of Course Fee"Bachelor of Labour Management (BLM)"Degree conducted by Institute of Human Resources Advancement, University of Colombo.	J.K.D.I.K.Thilakaratne	1	42,000.00
08	Reimbursement of Course Fee "Master of Business Administration"(MBA) at Postgraduate Institute of Management at the University of Sri Jayawardenapura.	W M N K Weerasooriya	1	450,000.00
09	Staff development programme on "Importance of Auditing".	All Staff		30,000.00
Total				870,000.00

4.4.1 MEDICAL SUPPORT SCHEME

The Medical Support Scheme was introduced to the UCSC as a part of the organizational policy of health and safety of the employees. In this Medical Support Scheme, the staff has been given an opportunity to subscribe to one of three schemes that have different supporting limits when medical expenses are incurred. The objective is to support the staff to maintain a good profile of their health conditions by conducting medical camps and partially supporting their medical expenses. The UCSC expects that this would motivate its employees to increase their productivity in the workplace and provide full cooperation to generate additional income for the organization, especially during working hours. UCSC has also partially supported employees who are interested in obtaining Agrahara Medical Scheme to face tragic situations in their life, especially in unexpected critical illnesses.

4.4.2 WELFARE SOCIETY OF UCSC

The welfare society of UCSC has been a volunteer society for all staff members irrespective of the grade of employees. The membership of the welfare society is open for all staff members who have completed at least one year of service at the UCSC and they have to pay a membership fee in order to be a member. The welfare society is involved in fostering goodwill, solidarity and unity among all members of the UCSC.

The following social services provided by the welfare society were further activated.

1. Celebration of the dawn of the year 2024
2. The staff members' whose close family members passed away were given financial assistance
3. Distributed gift vouchers to the staff for Sinhala and Hindu New Year.

5. INSTITUTIONAL DEVELOPMENT

5. INSTITUTIONAL DEVELOPMENT

5.1 QUALITY ASSURANCE AND ACCREDITATION

According to the guidelines given by the University Grants Commission, the University of Colombo established the Center for Quality Assurance (CQA) as the main centre to coordinate the quality assurance of all faculties and institutes of the university. The Internal Quality Assurance Cell (IQAC) of UCSC officially commenced its activities in June 2015. The purpose of the IQAC of UCSC is to create a culture that seeks to continually improve the quality of all academic and other activities in the Institute.

IQAC Committee Members 2024

1. **Chairperson** - Dr. D A S Atukorale, Director/UCSC
2. **Adviser/IQAC** - Prof. K P Hewagamage
3. **Coordinator/IQAC** - Dr. Ms. C R Wijesinghe
4. **Deputy Registrar/PRP & IQAC** - Mrs. H P Henegama
5. **Heads of Departments**
 - Prof. Kasun de Zoysa, Deputy Director, Head/ Department of Communication and Media Technologies (CMT)
 - Dr. C I Keppitiyagama, Senior Lecturer Gr I, Head/ Department of Computation and Intelligent Systems (CIS)
 - Mr. Viraj Welgama, Head/ Department of Information Systems Engineering (ISE)
6. **Coordinators of the Undergraduate/Postgraduate/External degree programmes**
 - Dr. M I E Wickramasinghe, Senior Lecturer Gr. I, Coordinator/Computer Science (CS) Degree Programme
 - Dr. L N C De Silva, Senior Lecturer Gr. I, Coordinator/Information Systems (IS) Degree Programme
 - Mr. Viraj Welgama, Senior Lecturer Gr. I, Coordinator/Software Engineering (SE) Degree Programme
 - Dr. Randil Pushpananda, Senior Lecturer Gr. II, Coordinator/CS – Faculty of Science
 - Mr. Keneth Thilakarathne, Lecturer, Coordinator/Master of Cybersecurity (MC) Degree Programme
 - Dr. H E M H B Ekanayake, Senior Lecturer Gr. I, Coordinator, Master of Information Technology, (MIT) Degree Programme
 - Dr. Asanka Sayakkara, Senior Lecturer Gr. II, Coordinator/Master of Computer Science (MCS) and Master of Science in Computer Science Degree Programme
 - Dr. P V K G Gunawardena, Senior Lecturer Gr. II, Coordinator/Master of Information Security (MIS) Degree Programme
 - Dr. M I E Wickramasinghe, Senior Lecturer Gr. II, Coordinator/ Master of Business Analytics (MBAAnalytics) Programme.
 - Dr. (Ms) K H E L W Hettiarachchi, Senior Lecturer Gr. I, Academic Coordinator/BIT External Degree Programme

7. **Coordinators of the Centres (E-Learning and Professional Development,)**
 - Dr. M I E Wickramasinghe, Senior Lecturer, Coordinator/ e-Learning Centre (eLC)
 - Dr. P V K G Gunawardena, Senior Lecturer , Coordinator/Professional Development Centre (PDC)
8. DRs/SARs of the school, representing degree programmes, and examination
9. Dr. P V K G Gunawardena, Mr. K A R Perera, Representative/ UCSC Alumni
10. System Developers - Mr. W R N S Abeyweera (Lecturer Probationary) and Ms. J E Jayathma Chathurangani (Lecturer Probationary)
11. Staff Management Assistant - Ms N S Gajasinghe

The IQAC activities carried-out in 2024

1. Carried out the Undergraduate Employability Survey 2024 and shared the report with staff.
2. Carried out the BIT Employability survey and shared the report with staff.
3. Collected student feedback on the Undergraduate Orientation program and shared the report with staff.
4. Participated in the design of the strategic plan and action plan of UCSC.
5. Submitted the finalized form of Master of Computing by Research degree program for UGC concurrence through the Director/CQA
6. Collected Student Feedback of MCS/MIT/MIS/MBA Programs (2024) using Google forms and shared the reports with staff.
7. Collected student Feedback of Undergraduate Degree Programs/CS and IS - Semester I and Semester II using google forms (2024) shared the reports with staff.
8. Collected peer feedback on Teaching and Evaluation in postgraduate programs.
9. Participated in all Center for Quality Assurance (CQA) meetings of the University of Colombo.
10. Implementation of IR Recommendations
11. Planned, initiated and coordinated the Postgraduate program review 2025
12. Conducted the Degree completion survey of postgraduate programs and shared the report with staff.
13. Collected and documented evidence for Institutional review 2028.
14. Conducted monthly IQAC meetings.

5.2 INFRASTRUCTURE DEVELOPMENT

5.2.1 CAPITAL PROJECTS - 2024

The commenced and completed projects of UCSC in 2024 are given in the table below.

Name of the project	Project cost Ex. VAT [Rs.]	Date of commencement	Scheduled Date of Completion	Date of completion	Remarks
Proposed Renovation of Student cafeteria in 1 st Floor at University of Colombo School of Computing UCSC/W/NCB/ENG/2024/03	2,627,115.00	2024.10.01	2024.11.15	2024.11.15	Completed
Proposed External colour washing at West wing (Rear Face) & Repairing Work of Steel Bridges in University of Colombo School of Computing UCSC/W/NCB/ENG/2024/02	12,391,500.00	2024.10.01	2025.01.01	2024.12.31	Completed

5.2.1 DEVELOPMENT OF THE INSTITUTIONAL RECOGNITION

Since the initiation, the UCSC has been providing consultancy services for both public and private organizations. Through these consultancy programs, it is expected to provide a service to the other government and non-government institutes as well as to make the public aware of our capacities in addition to being the higher education institute for computing studies in Sri Lanka. The following staff members of UCSC were contributed during 2024 to achieve the above objective.

5.2.2 CONTRIBUTIONS FROM UCSC STAFF MEMBERS

Name	Organization
Atukorale D.A.S. (Dr.)	- Visiting Lecturer - MBA Program, Faculty of Management & Finance, University of Colombo - Member of Technical Evaluation Committee – - Procurement of Design, Develop, Implementation and Maintenance of Revenue Administration System for Excise Department (RASED) - Procurement of a Service Provider to Provide Co-location services for 2nd Zone of Lanka Government Cloud 2.0 - Procurement of Service provider to Re-Vamping of the LGC - Procurement of Supply and Implementation of Enterprise Data Center, Enterprise Email and Backup Solution (Sri Lanka Customs) - Consultant - - Consultative Committee Meeting - Conversion Program or Non-IT Graduates, by the ICT Agency of Sri Lanka - Independent Evaluation on ITMIS Project- Ministry of Finance - Development of Swastha-The comprehensive Medical Supplies Information Management System - Ministry of Health - Member of the Standing Committee on Accreditation and Quality Assurance (SCAQA) of the Ministry of Education

	• President of the Computer Society of Sri Lanka (CSSL) the apex body representing Information and Communications Technology (ICT) professionals in Sri Lanka • Represented Sri Lanka at the International Federation for Information Processing (IFIP) General Assembly representing CSSL • Represented Standing Committee on Computing and Standing Committee on Technology at the UGC representing the CSSL • Member of the election results dissemination team of the Election Commission of Sri Lanka for Presidential Election and Parliamentary Election 2024 representing UCSC.
Hettiarachchi K.H.E.L.W. (Dr.) (Ms)	• Visiting Lecturer in the Department of Computer Science, Faculty of Science, University of Ruhuna. • An Examining Committee Member of the Doctoral Thesis Oral Defense at the Doctoral School, Universitat Oberta de Catalunya (UOC), Barcelona, Spain. 25th January 2024. ◦ https://www.uoc.edu/portal/en/escola-doctorat/aparador-tesis/tesis-doctorals/network-information-technologies/sidra-iftikhar.html • Technical Committee Member in the 16th International Conference on Education Technology and Computers (ICETC 2024) held at the University of Porto, Porto, Portugal - 18th to 20th September 2024. • Reviewer for the 3rd International Research Conference of the Institute of Technology, University of Moratuwa (ITUMIRC 2024), Sri Lanka. 18 th December 2024
Hewagamage K.P. (Prof.)	• Advisor and Reviewer of Digital Transformation - South Eastern University of Sri Lanka • Academic Advisor - Lanka Nippon BizTech Institute (LNBTI) • Reviewer for Promotion and Staff Development ◦ University of Peradeniya ◦ Sri Lanka Institute of Information Technology (SLIIT) • Advisor - Sri Lanka Defense College • Member and Board Chairman - National Institute of Library Science (NILIS) • Member – ◦ Standing Committee of English Language Teaching, UGC ◦ Standing Committee of Online Learning and IT infrastructure Development, UGC ◦ Advisory Committee for ICT, National Science Foundation (NSF)
Weerasinghe A.R. (Dr.)	• Continued serving on the Committee to Formulate a Strategy for Artificial Intelligence of Sri Lanka (AI Task Force) from 2023 into 2024. • Continued serving as part of the Expert Resource Panel of the Bandaranaike Academy for Leadership and Public Policy (BALPP) for IT and AI from 2023 to 2024. • Invited talk on “The Crucial Role of Diversity and Inclusion in Robust AI Solutions for Medicine” at the 7th Annual Academic Sessions of the Sri Lanka College of Military Medicine (SLCOMM) held on 15th March 2024 in Colombo, Sri Lanka. • Visiting Professorship at Friedrich-Alexander-Universität Erlangen-Nürnberg, Germany in April/May 2024 on potential collaboration on Language Technology projects. • Organizing Committee of the ICTer Pre-conference Workshop on Building a Local Language Large Language Models held in November 2024. • Judge at Meta’s Sri Lanka AI Accelerator Finals in September 2024 in Sri Lanka. • Participant at Meta's APAC AI Partner Symposium and AI Accelerator Finals on 2nd & 3rd October 2024 in Singapore.

	• Planning Committee for the Embassy Science Fellowship programme on Building Local Capacity in Bioinformatics with the US Embassy, NIH, USA and GeneLabs Medical, Sri Lanka from September 2024 (held in January 2025).
Weerasinghe T.A. (Dr.) (Ms)	• Coordinator - International Institute of Online Education (iioe.org), University of Colombo • Deputy Director- Learning Resources, Centre for Open and Distance Learning, University of Colombo • IQAC Coordinator- Centre for Open and Distance Learning, University of Colombo • Resource Person- Ministry of Education ○ ICT Based Professional Development Programme for Officers of Sri Lanka Education Administrative Service (English), English and Foreign Languages ○ ICT Based Professional Development Programme for Teacher Trainers in Regional English Support Centres, English and Foreign Languages ○ ICT Based Professional Development Programme for In-Service Advisers of English, English and Foreign Languages • Reviewer- 9th International Conference on Advances in Technology and Computing (ICATC) 2024, held on December 19, 2024, Faculty of Computing and Technology, University of Kelaniya. • Member Editorial Review Board- International Journal on E-Learning (IJEL), Association for the Advancement of Computing in Education (AACE) https://publish.aace.org/?fuseaction=Editors.Board&journal_code=ije
Wijesinghe C.R. (Dr.) (Ms)	• Lecture on "Quality Control Alignment, Variant Calling and Functional Annotation of NGS data' at the 'ADVANCING NEXT GENERATION SEQUENCING IN SOUTH ASIAN REGION: A RESIDENTIAL WORKSHOP FOR INTERNATIONAL AND LOCAL ATTENDEES', 6th - 10th May , SLIBTEC, SL organized by SLIBTEC and ICGB • Visiting Lecturer - Sri Lanka Institute of Information Technology, SL • Reviewer – ○ SICASH 2024, Sri Lanka Institute of Information Technology, SL ○ FGS Annual Research Conference 2024, University of Colombo • Course Moderator & Examiner – ○ Systems Analysis and Design, University of Vavuniya ○ Bioinformatics, Faculty of Science, University of Colombo ○ Bioinformatics, Faculty of Science, University of Ruhuna.

5.2.3 OUTSTANDING AWARDS FOR THE INSTITUTION

The UCSC has received the following awards for its Annual Report 2023

- Bronze Award in the Universities Category by Association of Public Finance Accountant of Sri Lanka (APFASL)
- Bronze Award among Overall Winners (Central Government Sector) by Association of Public Finance Accountant of Sri Lanka (APFASL)
- Certificate of Compliance under Education Sector at the TAGS Awards 2024 by the Institute of Chartered Accountants of Sri Lanka (CA Sri Lanka)

5.2.4 UCSC CONTRIBUTION TO SUSTAINABLE DEVELOPMENT GOALS (SDG) – 2024

5.3 SUSTAINABLE DEVELOPMENT GOALS (SDG)

The United Nations Development Programme (UNDP) has identified 17 Sustainable Development Goals (SDG) for improving the living standard of human beings and ensuring a green environment with the economic development of the World. In line with the 17 SDGs of UNDP, the Government of Sri Lanka has implemented SDGs for the upliftment of Sri Lanka economy, society, and environment. UCSC management discussed the contribution to SDGs having focused on the Strategic Plan 2024-2028 and the action plan 2024.

5.3.1 UCSC CONTRIBUTION TO SUSTAINABLE DEVELOPMENT GOALS (SDG) FOR THE YEAR 2024

GOAL 1: No Poverty

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 Progress	Target by 2030
01	End poverty in all its forms everywhere	UCSC admits undergraduate students including low-income families and contributes to the free education system with a view to reducing the poverty in this country. Both the government funds and generated income of UCSC are used to improve undergraduate education. Students in low-income families follow the programme and UCSC carries out many activities to address their wellbeing including hostels and using its distress funds in order to facilitate their higher education.	Tuition fees are not charged from undergraduate students under free education policy. Mahapola and Bursary scholarships are provided using government funds. Also private funds provide special scholarships for low income students by donors. Special scholarships are provided using UCSC generated income. Special supports (financial and equipment) are provided through UCSC Alumni association. Providing hostel facilities for low income students	Increase student intake over 400

GOAL 2: Zero Hunger

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
02	End hunger, achieve food security and improved nutrition and promote sustainable agriculture	Subsidized canteen for students to provide good quality food at a low price. UCSC established the canteen committee to ensure and monitor the quality of food. UCSC conducts research work to promote sustainable and smart agriculture.	Special financial assistance were provided for students who lost their parents. Students were able to purchase canteen food at subsidized rates as UCSC provided utilities and services (water / electricity / premises / equipment) to the canteen. UCSC funded for research work to promote sustainable and smart agriculture.	Improve existing canteen facilities and provide high-quality food for students and staff. Provide financial assistance for low-income students. Improve activities with respect to staff welfare. Carry out ICT research related to smart agriculture.

GOAL 3: Good Health and Well-being

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
03	Ensure healthy lives and promote well-being for all at all ages	UCSC has implemented a Medical scheme for its staff and arranged awareness programmes. The medical center provides medical assistance for UCSC students free of charge and UCSC provides free transport facilities for students up to National Hospital Colombo if required depending on the circumstances. Distress loan scheme facilitates staff to seek funds when they are in distress. Improve the environment safe while maintaining a clean environment to ensure a Dengue free and mosquito-free environment. Counseling service to staff and students.	Using the medical support scheme, the staff and their immediate family members were supported during 2024. Maintain hand washing facilities at the entrance. Professional counseling was provided to both staff and students.	Improve the level of satisfaction of staff and students. Enhance current health care facilities for all students & staff by 2030. Improve the counseling service and reduce the number of student and staff obtaining the counseling facilities.

GOAL 4: Quality Education

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
04	Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all	UCSC provides equitable and quality education. Offer the following. 1. BSc. Degree programs for areas in computing (5 degrees) under free education policy. 2. Certificate, Diploma and Higher Diploma courses 3. BIT degree for external students 4. FIT programme as the foundation programme for those who are willing to improve their ICT knowledge and skills 5. Postgraduate degree programs in 6 areas of specialization UCSC has full time and visiting professors and senior academic staff to deliver high-quality teaching and research to students and it has over 90% employability rate among students. Most of the senior academic staff possess PhDs.	All online lectures were recorded allowing students to access them in both synchronized and asynchronized modes. Free Internet access was provided when accessing UCSC online learning environment and participating online meeting through Zoom service. Many quality assurance activities were carried out during 2024 to improve the process of education deliver while collecting students feedback at regular time points during the semester. Several student surveys were carried out to find out students issues and facilitate them to engage in the education effectively.	Meet quality assurance indicators introduced by UGC from time to time to ensure high-quality education and international standards

GOAL 5: Gender Equality

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
05	Achieve gender equality and empower all women and girls	No gender discrimination in admission and given equal opportunity for higher learning and enjoying any facility of UCSC at all Actions have been taken to empower all women same as male population of UCSC	Gender was never considered in the student admission of any degree or other academic programs. Gender was never considered when staff members were recruited or promoted during 2024.	Maintain gender equality policy as existed by 2030

			Male and Female ratio was considered when developing facilities such as sanitary facilities. Female students were provided special scholarships using external support in the BIT programme. UCSC IEEE WIE (Women in Engineering) group organized many activities.	
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GOAL 6: Clean Water and Sanitation

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
06	Ensure availability and sustainable management of water and sanitation for students and staff	All students and staff were given drinking water facility and sanitary facilities by spending recurrent and generated income of UCSC.	Drinking water was provided for all staff. The condition of the water was checked at a regular time point. Regular cleaning activities were carried out and they were recorded daily. UCSC maintains a clean water reservation of more than 50,000 Liters. Adequate washroom facilities and sewage disposal were maintained.	Ensure drinking water for all students and staff and sanitation facility for all including differently-abled students

GOAL 7: Affordable and Clean Energy

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
07	Ensure access to affordable, reliable, sustainable and modern energy for all	Introduce energy-saving activities and make use of efficient energy. Consider energy saving when acquiring new equipment for students and staff.	According to the energy saving policy, low consumption equipment such as LED bulbs were used to replace when it is necessary. Monitor the energy usage to take actions to minimize the energy consumption. Practiced the formal policy on Energy savings. Many repair activities with respect to electricity supply were carried out to minimize the electricity wastage.	Save energy by 15% introducing new technology including solar technology.

GOAL 8: Decent Work and Economic Growth

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 Progress	Target by 2030
08	Promote sustained, inclusive and sustainable economic growth, full and productive employment and decent work for all	Produce quality graduates to contribute to national development of the country. Employability of UCSC graduates to maintain over 90%. Improve the working standard of staff.	Carried out employability survey of different groups of graduates. Staff promotional activities were carried out through the welfare society of UCSC	Maintain over 90% employability and produce competitive, innovative, creative and high-quality graduates through Research & Development (R&D) Stable economic growth in the UCSC irrespective of government funds

GOAL 9: Industry, Innovation and Infrastructure

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
09	Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation	Upgrade the infrastructure with modern technologies to provide high-quality education for IT graduates based on the industry demand Develop the curriculum of current programs and start new programs based on the market requirement Obtain recommendation from Industry consultative academia board for the curriculum revision. Promote innovation as a curriculum as well as extracurricular activity among students and staff Support for students' innovation achievements.	IT infrastructure was enhanced to meet the industry needs. Many projects were supported for innovative development considering current economy crises in the country. UCSC ICTer Conference and Journal was one of the mechanism for knowledge dissemination to promote industrialization and innovation. Enhancement courses and Tech talks conducted by the industrial experts to promote innovation.	Innovation will be considered when assessing student performance-based evaluation. Establish environment-friendly sustainable physical and IT infrastructure in the organization. Contribute to the national innovation in Sri Lanka

GOAL 10: Reduced Inequality

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
10	Reduce inequality within and among countries	Conduct English classes for students who are weak in English. Conduct tutorial classes among weak students in studies. Conduct cultural events to promote equality among different ethnic groups.	Welfare society carried out activities considering all staff on the same level to promote their participating and reduce the inequality depending on the designation in the organization. Facilitated students to acquire additional awareness to improve their soft skills. Online Seminars were conducted to improve career development. Students and staff were facilitated to learn international languages. Staff was promoted to continue their education.	Produce a graduate pool who compliance with global work force.

GOAL 11: Sustainable Cities and Communities

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
11	Make cities and human settlements inclusive, safe, resilient and sustainable	Work with local authorities and law and enforcement to enhance digital transformation. Promote waste management through separation of garbage disposal and recycling.	UCSC worked with several local authorities and law and enforcement entities to digital transform their processes. All discarded and waste papers at the institution were recycled with the support of the Paper Corporation.	Converting UCSC to a green building concept.

GOAL 12: Responsible Consumption and Production

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
12	Ensure sustainable consumption and production patterns	UCSC follows waste management policies and sends waste for recycling. UCSC considers e-waste disposal process to minimize the environment damages.	UCSC continued to monitor consumption of materials. Repaired many equipment such as furniture and electrical equipment to reuse them. E-waste management policies were followed.	Manage the consumption of energy and other resources. Obtain the maximum usage of goods/assets before its disposal.

			When replacing equipment significant consideration was given for energy efficiency.	Develop policies to manage consumption and practice them. Maintain a good waste management and recycling system.
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GOAL 13: Climate Action

Goal No.	Description of goal	UCSC activity in line with SDGs	2024 progress	Target by 2030
13	Take urgent action to combat climate change and its impacts	Control usage of goods which have a direct effect on climate change such as different electronic devices, papers, and plastics	UCSC minimize the consumption of energy. Minimize the consumption of papers.	Achieve the status of green campus

GOAL 14: Life Below Water

Goal No.	Description of goal	UCSC activity in line with SDGs	2024 progress	Target by 2030
14	Conserve and sustainably use the oceans, seas and marine resources for sustainable development	Improve the waste water management in the organization	Introduced a waste water management system to canteen kitchen	Implementing waste water management system.

GOAL 15: Life on Land

Goal No.	Description of goal	UCSC activity in line with SDGs	2024 progress	Target by 2030
15	Protect, restore and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt	This goal is not related with UCSC Strategic Plan and Action Plan		

	and reverse land degradation and halt biodiversity loss			
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GOAL 16: Peace and Justice Strong Institutions

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
16	Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable and inclusive institutions at all levels	Zero tolerance for ragging, sexual harassment or race gender based violence and staff and students could make necessary complaints if they are victims of such events	All students were educated about violence and ragging within the university premises as well as online environment Activities were carried out to develop the friendship and harmony among staff and students groups Staff and student complaints were addressed to minimize the issues and provide better working and learning environment for all	Establish the violence free and friendly environment through proper awareness and monitoring system all stakeholders

GOAL 17: Partnerships to Achieve the Goal

Goal No.	Description of goal	UCSC activities in line with SDGs	2024 progress	Target by 2030
17	Strengthen the means of implementation and revitalize the global partnership for sustainable development	UCSC has established partnerships with IT industry/organizations locally and globally for the betterment of its students and staff UCSC adopts policies to promote sustainable development	PDC continued its activities to promote better relationship between academia and industry UCSC took part actively many national initiatives and projects UCSC staff were promoted to actively contribute national development to improve partnership UCSC actively contributed main campus, UGC and other universities to improve the partnerships International collaboration such as European Union cybersecurity.	Achieve the status of development with sustainability as the main indicator of achievement in local and global.

6.FINANCE

6. FINANCE

According to the financial regulations, it is required to submit the 2024 annual financial statements within the first two months of 2025 after obtaining Board of Management approval. Following extracts in this section are prepared based on those financial statements submitted to the Auditor General and any subsequent changes recognized. Financial Statements were submitted to the Auditor General with the approval of the Board of Management before the deadline. In this section, we describe and analyze the financial status of the institute during 2024.

6.1 RECURRENT EXPENDITURE

Since the treasury funds are not adequate to meet the requirements of day-to-day operations of the organizations, the generated income has become a vital source of income to carry out the operations of the institute. The main business of the institute is to manage the internal undergraduate programs, for which 5 days out of 7 days of a week are allocated. Hence, the bulk of recurrent expenditure is directly related to activities linked to undergraduate programs. In 2024, the recurrent expenditure of Rs. 547,002/= has been spent per student basis.

In general, the recurrent expenditure is 633.50 million, out of which 75 million was the generated income and Development fund of UCSC. In other words, 11.83% of the total recurrent expenditure is from UCSC generated income. The major classification of recurrent expenditure is given below in the table (Recurrent Expenditure).

Table 6.1. A: Total Recurrent Expenditure **Rs. 000'**

Subject	2024	2023	2022
Personal Emoluments	404,954	376,632	367,892
Travelling	378	149	149
Supplies	14,044	11,384	13,825
Maintenance	9,495	12,699	7,095
Contractual Services	66,482	56,482	32,724
Other	138,141	144,193	127,116
Total	633,494	601,539	548,801
Government Allocation	433,955	387,333	404,800

Since government allocation for recurrent expenditure was sufficient only to cover the personal emoluments and part of other recurrent expenditure, the management was very careful and controlled all the other recurrent expenses as you see when you compare figures of 2024 with 2023 in the table of Recurrent Expenditure.

6.2 CAPITAL EXPENDITURE

Due to Government capital grants, UCSC generated funds were used to carry out planned activities. During the year capital expenditure is Rs.42.91 million, and entire capital expenditure incurred from generated funds of UCSC. In general, the capital expenditure per student is Rs. 40,268/=. Details of capital expenditure are given in the table below (Capital Expenditure).

Table 6.2. A: Capital Expenditure *Rs. 000'*

Subject	2024	2023	2022	2021
Acquisition of Furniture, Office Equipment Other Fixed Assets	30,822	41,578	80,614	23,059
Rehabilitation and Improvement of Building & Structures	12,095	24,926	98,386	50,112
Total	42,917	66,504	179,000	73,171
Government Allocation	-	25,000	54,262	60,000

6.3 CONSULTANCY AND RESEARCH PROJECTS (EXTERNALLY FUNDED)

All projects are classified as consultancy projects or research projects of the UCSC. Consultancy projects were carried out to provide a service to an outside party. 30% of income generated from consultancy projects are contributed to the UCSC development activities and the balance funds were used to cover the project expenses. If the project amount is large and the principal investigator is requested to contribute 2-3% of the project funds to staff welfare allocation to cover the indirect contribution of staff members.

Research projects funded by external parties are carried out based on the agreed objectives. The outcome is usually shared by both institutes and they are published in joint papers. 10% of research projects are charged as the administration charges and the balance is utilized according to the budget prepared by the Principal Investigator.

All software development projects are considered as consultancy type projects. Some of these projects are coordinated directly by the individual senior staff members as the principal consultant for those projects. The principal consultant, who is a permanent staff member of UCSC, could obtain the service of anyone on a fulltime or part time basis but the cost of such work should be financed only within the budget of consultancy. The principal consultant should directly report the progress to the Director who is the overall coordinator of those consultant projects since the director signs the relevant service agreement with those external parties subject to concurrence of the Board of Management, UCSC. The software development unit under the computer service Centre is the dedicated location for such activities.

Table 6.3. A: Financial Progress of Projects *Rs. 000'*

Type of Project	Budgeted	Invoiced	Received	Expenditures
Research Projects (locally funded)	8,569	2,160	2,360	4,188
Research Projects (foreign funded)		282	13,219	3,273
Consultancy & Software Dev. Type of Projects		420	420	287
Total	8,569	2,862	15,999	7,748

Service Assignments Given by the Government Authorities

According to different parliament Acts and government requirements, UCSC was asked to offer services from time to time. The Centre for Digital Forensic (CDF) was supposed to carry out investigations based on the court orders or directives received from other parties. A nominal fee is paid for some assignments but the actual cost incurred by the UCSC is higher than the income of service assignments.

6.4 ANALYSIS OF FINANCIAL SUPPORT AND THE GENERATED INCOME

The support of the Government is given only for undergraduate studies but this support is not enough to meet all the requirements of the undergraduate programme. Funds are directly collected from the students of postgraduate and external degree programmes to carry out respective academic activities. Consultancies, projects and service types of assignments given by external parties are charged by issuing invoices. Following table describes the budgeted and received income from different activities of UCSC.

Table 6.4. A: Financial Progress (Budgeted, Invoiced, Received) Rs. 000'

Major Income Sources	Budgeted	Invoiced	Received	Variance
Undergraduate Studies	7,228	18,633	18,633	11,405
Postgraduate Studies	66,239	85,141	85,141	18,902
Consultancies	18,000	2,398	2,061	(15,939)
External Degree	151,717	137,737	137,737	(13,980)
Other	80,000	80,456	80,456	456
Total	323,734	324,365	324,028	844

6.4.1 FINANCIAL PERFORMANCE ANALYSIS

Table 6.4.1. A: Financial Performance Analysis – 2022 Rs. 000'

Subject	Formula	Exp. per Student
Recurrent Expenditure per Student (RE)	RE / Total No of Student strength	506,755
Capital Expenditure per Student (CE)	CE Total / No of Student strength	40,268
Cost per Student		547,023

6.4.2 ANALYSIS OF THE FINANCIAL DETAILS OF THE UNDERGRADUATE PROGRAMME

RS '000

	2023	%	2023	%	2022	%	2021	%
Personal Emoluments	404,954		376,632		367,893		326,363	
Other Recurrent	104,001		176,236		81,253		74,163	
Total Recurrent Expenditure	508,955		552,868		449,146		400,526	
Recurrent Grant Received	433,955	85	387,333	70	404,800	90	392,180	98
Generated Funds for Recurrent Activities	75,000	15	165,535	30	44,346	10	8,346	2
Capital Expenditure	42,918		66,504		179,000		73,171	
Capital Grant Received	0	0	26,651	40	54,262	30	60,000	82
Generated Funds for Capital Activities	42,918	100	39,853	60	124,738	70	13,171	18
Total Expenditure (Recurrent + Capital)	551,873		619,372		628,146		473,697	
Total Government and other Grants	433,955		413,984	67	459,062	73	452,180	95
Generated funds for Undergraduate Program	117,918		205,388		169,084		21,517	
Generated Funds utilization as a % of total Expenditure	21			33		27		5

I. STATEMENT OF FINANCIAL POSITION

AS AT 31 ST DECEMBER	Notes	2024 Rs	2023 Re-stated Rs
ASSETS			
Current Assets			
Cash & Cash Equivalents	1	273,470,389	186,821,413
Loans Receivable - Within One Year	2	4,253,595	5,272,595
Investments - Mature within One Year	1.1	2,012,296,930	1,641,008,517
Other Receivables, Deposits & Pre-payments	3	8,478,983	10,719,651
Interest Receivables	4	156,080,865	158,807,464
Inventories	5	9,609,714	7,562,543
Total Current Assets		2,464,190,477	2,010,192,183
Non-Current Assets			
Loans Receivable - More than One Year	2	6,797,603	8,509,573
Investments - Mature after One Year	1.1	155,261,519	155,261,519
Construction Work in Progress	6	12,095,672	-
Library Books & Periodicals	7	17,120,069	22,582,871
Property, Plant & Equipment	8	1,432,621,486	1,538,759,948
Intangible Assets	9	22,606,966	35,455,496
Total Non-Current Assets		1,646,503,315	1,760,569,407
TOTAL ASSETS		4,110,693,792	3,770,761,590
EQUITY & LIABILITIES			
Current Liabilities			
Accruals & Other Payables	10	46,839,744	34,744,277
Creditors		376,159	2,112,641
Retention		1,665,737	4,578,218
Provisions	11	3,971,231	2,696,973
Deferred Income	12	61,086,059	41,441,104
Project Grants	13	23,279,392	15,161,256
Total Current Liabilities		137,218,322	100,734,469
Non-Current Liabilities			
Deferred Income	12	95,906,685	71,498,341
Retirement Benefit Obligation - Gratuity	14	157,029,262	126,259,087
Total Non-Current Liabilities		252,935,947	197,757,428
TOTAL LIABILITIES		390,154,269	298,491,897
TOTAL NET ASSETS / EQUITY		3,720,539,523	3,472,269,691
ACCUMULATED RESERVES & FUNDS			
Accumulated Fund - Capital	15	603,543,921	715,280,372
Accumulated Fund - Current	16	1,651,557,956	1,397,417,388
Contribution from University of Colombo		8,155,714	8,155,714
Revaluation Reserve	17	944,939,111	945,743,982
Restricted Funds	18	512,342,818	405,672,235
TOTAL NET ASSETS / EQUITY		3,720,539,523	3,472,269,691

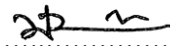


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Deputy Bursar
University of Colombo School of Computing

The **accounting policies on pages 92 to 101 and notes on pages 102 to 134** form an integral part of these Financial Statements. The Members of the Board of Management are responsible for the preparing and presenting of these Financial Statements. These Financial statements were approved by the Board of Management and signed on their behalf.



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Director/Chairman - Board of Management
University of Colombo School of Computing



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Member - Board of Management
University of Colombo School of Computing

28/Feb/2025

II. STATEMENT OF FINANCIAL PERFORMANCE

FOR THE YEAR ENDED 31 ST DECEMBER	Notes	2024	2023 Re-stated
		Rs	Rs
Revenue			
Revenue from Non-Exchange Transactions - Current			
Government Grant for Recurrent Expenditure		439,995,000	387,333,333
Grant for Student Bursary		7,152,000	4,776,000
<i>Total Revenue from Non-Exchange Transactions- Current</i>		447,147,000	392,109,333
Revenue from Exchange Transactions - Current			
Interest Income	28	212,004,989	286,760,547
Other Internal Income	29	14,961,418	18,632,524
Actuarial Gain		-	7,672,797
Disposal gain Gain		29,093	-
Revenue from Extension Programme	30	384,205,702	277,995,974
Revenue From Projects	31	15,199,937	19,727,194
<i>Total Revenue from Exchange Transactions- Current</i>		626,401,139	610,789,035
Total Revenue - Current		1,073,548,139	1,002,898,368
Revenue from Non-Exchange Transactions - Capital			
Government Grant for Capital Expenditure		-	25,000,000
Project Grant for Capital Expenditure		959,505	-
Donation		95,219	18,817
AHEAD Grant		-	1,631,299
<i>Total Revenue from Non-Exchange Transactions- Capital</i>		1,054,724	26,650,116
Total Revenue - Capital		1,054,724	26,650,116
Total Revenue		1,074,602,863	1,029,548,484
Operating Expenditure - Current			
Personal Emoluments	32	342,695,128	305,195,617
Travelling Expenses	33	378,277	149,502
Supplies	34	14,043,684	11,384,362
Contractual Services	35	71,792,554	69,181,416
Retirement Benefits	36	77,599,928	71,436,666
Other Recurrent Expenses	37	21,573,726	22,662,717
sary Payment		7,152,000	4,776,000
Disposal Loss		-	415,346
Exchange Loss		3,107,714	1,006,222
Acturial Loss		15,033,302	-
Expenditure for Extension Programme	38	121,147,598	100,729,785
Expenditure for Projects	39	17,595,607	19,379,140
<i>Total Operating Expenditure - Current</i>		692,119,517	606,316,773

Non Operating Expenditure			
Depreciation & Amortization Expenses	40	156,032,306	149,190,605
Total Non Operating Expenditure		156,032,306	149,190,605
Total Expenses		848,151,823	755,507,378
Total Surplus Deficit for the Year		226,451,039	274,041,105
Current Surplus/ (Deficit) for the Year		381,428,622	396,581,595
Capital Surplus/ (Deficit) for the Year		(154,977,582)	(122,540,489)

The accounting policies & Notes are an integral part of these Financial Statements.

III. STATEMENT OF CHANGES IN EQUITY

FOR THE YEAR ENDED 31 ST DECEMBER	Accumulated Fund - Capital	Accumulated Fund - Current	Contribution from UoC	Revaluation Reserve	Restricted Funds	Total
	Rs	Rs	Rs.	Rs.	Rs.	Rs
Balance as at 31st December 2022	797,929,757	1,074,057,243	8,155,714	946,360,234	340,706,305	3,167,209,254
Adjustment to Opening Balances	(265,793)	-	-	-	-	(265,793)
Adjusted Balance as at 31 st December 2022	797,663,964	1,074,057,243	8,155,714	946,360,234	340,706,305	3,166,943,461
Transfer Surplus/ (Deficit) during the year	(122,540,489)	396,581,595	-	-	-	274,041,106
Write off Overprovision	-	1,342,334	-	-	-	1,342,334
Transferred to Income	-	(1,769,000)	-	-	-	(1,769,000)
Transferred from Revaluation Reserve	303,100	616,250	-	(616,250)	30,399,173	30,702,273
Transferred to UCSC Allocation	39,853,796	(38,844,277)	-	-	-	1,009,519
Transferred to Other Allocations to Restricted Fund	-	(34,566,757)	-	-	34,566,757	-
Balance as at 31st December 2023	715,280,372	1,397,417,388	8,155,714	945,743,984	405,672,235	3,472,269,692
Transfer Surplus/ (Deficit) during the year	(154,977,582)	381,428,622	-	-	-	226,451,039
Transferred from Revaluation Reserve	-	804,869	-	(804,869)	-	-
Transferred During the Year	323,550	-	-	-	21,337,869	21,661,419
Transferred to UCSC Allocation	42,917,582	157,373	-	-	(42,917,582)	157,373
Transferred to Other Allocations to Restricted Fund	-	(128,250,297)	-	-	128,250,297	-
Balance as at 31st December 2024	603,543,921	1,651,557,956	8,155,714	944,939,111	512,342,818	3,720,539,523

"The accounting policies & Notes are an integral part of these Financial Statements."

IV. STATEMENT OF CASH FLOWS

FOR THE YEAR ENDED 31 ST DECEMBER	Note	2024 Rs.	2023 Re- stated Rs
Cash Flows From/ (Used in) Operating Activities			
Surplus / (Deficits) for the Year		226,451,039	274,041,105
Adjustment for :			
Depreciation & Amortization		156,032,306	149,190,605
Provision for Gratuity		26,001,123	27,075,924
Transferred from Reserves		177,373	(1,769,000)
Write off		459,390	35,000
(Profit) /Loss from Sales of Property, Plant & Equipment		(29,093)	415,346
Interest Income		(212,004,989)	(286,760,547)
Exchange Gain / (Loss)		6,387,515	2,001,839
Actuarial Gain / (Loss)		15,033,302	(7,672,797)
Provision of Audit Fee		1,593,700	1,318,966
Provision for ICTer Conference		912,285	958,050
Donation		(95,219)	(18,817)
Project Grant		(959,505)	-
AHEAD Grant		-	(1,631,299)
Net Cash Flow from Operating Activities before Working Capital Changes		219,959,227	157,184,377
(Increased) / Decreased in Inventories		(2,047,171)	1,375,518
(Increased) / Decreased in Other Receivables & Pre-payments		1,781,278	30,780,382
(Increased) / Decreased in Staff Loan Receivables		2,730,970	1,798,848
Increased / (Decreased) in Accruals & Payables		9,182,987	6,235,025
Increased / (Decreased) in Creditors		(1,736,482)	2,112,641
Increase / (Decrease) in Deferred Income		44,053,299	(34,870,562)
Increased / (Decreased) in Project Grants		8,118,136	3,699,110
Net Cash Flow from Operating Activities after Working Capital Changes		282,042,243	168,315,338
Paid from Acc. Fund - Current		(20,000)	-
Gratuity Paid		(10,264,250)	(2,769,928)
Audit Fee & other provisions Paid		(1,231,726)	(840,618)
Net Cash Generated/ (Used) From Operating Activities		270,526,266	164,704,791
Cash Flows From/(Used In) Investing activities			
Acquisition of Property, Plant & Equipment		(31,781,416)	(24,907,766)
Work in Progress - Construction		(12,095,672)	(39,946,006)
Proceeds from Sales of Property, Plant & Equipment		646,767	145,750
Received in Interest		224,147,495	262,408,765
Funds invested in Fixed Deposits		(406,983,649)	(557,580,917)
Withdrawals of Fixed Deposits		35,695,237	214,053,483
Net Cash Generated/ (Used) From Investing Activities		(190,371,237)	(145,826,691)

Cash Flows from /(Used In) Financing Activities		
Net Receipts/Payments from Restricted Funds	12,881,465	40,911,711
Net Cash Generated/ (Used) From Financing Activities	12,881,465	40,911,711
Net Increase/Decrease in Cash and Cash Equivalents	93,036,494	59,789,810
Cash and Cash Equivalents at the Beginning of the Year	186,821,414	129,033,444
Adjustment of Exchange Gain / (Loss)	(6,387,515)	(2,001,839)
Cash and Cash Equivalents at the End of the Year	273,470,389	186,821,413

"The accounting policies & Notes are an integral part of these Financial Statements."

V. POLICIES TO THE FINANCIAL STATEMENTS

1. Reporting Entity

1.1 Legal and Domicile Form

University of Colombo School of Computing (UCSC) is the center of higher learning of the University of Colombo and established under the UCSC Ordinance No. 01 of 2002 and domiciled at No.35, Reid Avenue, Colombo 07, Sri Lanka.

1.2 Principal Activities & Nature of Operation

To provide computing degree programs for the internal undergraduate, external degree and postgraduate programs, to conduct research & development and to provide consultancy in the field of computing.

1.3 Financial Period

The financial period of the UCSC represents a twelve-month period from 1st January 2024 to 31st December 2024.

1.4 Date of Authorization for Issue

The financial statements were authorized for issue by the **294th of Board of Management held on 25th February 2025.**

1.5 Basis of Preparation of Financial Statements

1.5.1 Statement of Compliance

The financial statements of UCSC have been prepared in accordance with Sri Lanka Public Sector Accounting Standards (SLPSASs) issued by the Institute of Chartered Accountants of Sri Lanka. The financial statements comprise the Statement of Financial Position, Statement of Financial Performance, Statement of Changes in Equity, Cash Flow

Statement and Notes to the Financial Statements.

The principal accounting policies applied in preparation and presentation of financial statements are set out below. These policies have been consistently applied to all periods presented in the financial statements unless otherwise stated.

1.5.2 Basis of Measurement

The Financial Statements have been prepared on a historical cost basis except where appropriate disclosures are made with regard to the fair value clarified by relevant notes.

1.5.3 Comparative Information

Comparative information including quantitative, narrative and descriptive information is disclosed in respect of the previous period for all amounts reported in the financial statements in order to enhance the understanding of the financial statements of the current period and to improve comparability.

1.5.4 When the presentation or classification of items in the financial statements is amended, comparative amounts are reclassified, unless reclassification is impracticable.

1.5.5 Functional and Presentation Currency

The financial statements are presented in Sri Lankan Rupees, which is the functional and presentation currency of the UCSC.

1.5.6 Rounding

The amounts in financial statements have been rounded off to the nearest rupee, unless otherwise indicated as permitted by the Sri Lanka Public Sector Accounting Standards.

1.5.7 Significant Accounting Estimates and Judgements and Assumptions

The preparation and presentation of financial statements in conformity with SLPSASs, requires management to make judgements, estimates and assumptions that affect the application of accounting policies and reported amounts of assets, liabilities, income and expenses. Uncertainty about these assumptions and estimates could result in outcomes that require material adjustments to the carrying amount of assets or liabilities affected in future periods.

Estimates and underlying assumptions are reviewed on an on-going basis. Revisions to accounting estimates are recognized in the period in which the estimate is revised if the revision affects only that period or in the period of the revision and future periods if the revision affects both current and future periods.

1.5.8 Going Concern

The financial statements have been prepared on a going-concern basis.

1.5.9 Changes in Accounting Policies and Estimates

UCSC recognized the effects of changes in accounting policy retrospectively. However, the effects of the changes in accounting

policies are applied prospectively if the retrospective application is impractical.

2. Summary of Significant Accounting Policies

2.1. Assets and the Basis of their valuation

2.1.1. Property, Plant and Equipment.

a. Recognition and Measurement

i. Basis of Recognition

Property, plant and equipment are recognized if it is probable that future economic benefits associated with the asset will flow to UCSC and the cost of the assets can be measured reliably.

ii. Basis of Measurement

All items of property, plant and equipment are initially recorded at cost. Subsequently, it will be measured at cost less accumulated depreciation and impairment. Significant components of assets are identified and depreciated separately.

b. Cost

The cost of property, plant and equipment comprises its purchase price and any directly attributable cost of bringing the asset to working condition for its intended use. As previously mentioned, Property, plant and equipment are stated at cost, excluding the costs for day-to-day servicing, less accumulated depreciation. Such cost includes the cost of replacing part of the property, plant and equipment when that cost is incurred, if the recognition criteria are met. When significant parts of property, plant and equipment are required to be replaced at intervals, the UCSC recognizes such parts as individual assets with

specific useful lives and depreciates them accordingly.

According to the UCSC Policy, University Cloaks are not recognized under the Property, Plant and Equipment. Instead of that, Cloaks are recorded in a separate Inventory register and all the movements of the cloaks are also recorded in the register.

c. Subsequent Expenditure

Subsequent expenditure incurred for the purpose of acquiring, extending or improving assets of a permanent nature in order to carry on or increase the earning capacity of the assets has been treated as capital expenditure. Expenditure incurred to replace a component of an item of property, plant and equipment that is accounted for separately, including major inspection and overhaul expenditure, is capitalized. Other subsequent expenditure is capitalized only if it is probable that the future economic benefits embodied within the part will flow equipment the costs of the day-to-day servicing of the item. to UCSC and its cost can be measured reliably.

An entity does not recognize in the carrying amount of an item of property, plant and equipment the costs of the day-to-day servicing of the item. Rather, these costs are recognized in surplus or deficit as incurred.

d. Fair Value

Assets received under the grants have been recognized at fair value.

2.1.2. De-recognized of Property, Plant & Equipment

An item of property, plant and equipment is derecognized upon disposal or when no future economic benefits are expected from its use or disposal. Any gain or loss arising from de-recognized of the asset is calculated as the difference between the net disposal proceeds and the carrying amount and included in the statement of Financial Performance in the year the asset is derecognized.

2.1.3. Library Books

The costs of library books are written off on a straight-line basis over a period of five years.

2.1.4. Revaluation of Property Plant & Equipment

If the carrying amount of a class of assets is increased as a result of a revaluation, the increase shall be credited directly to revaluation surplus. However, the increase shall be recognized in surplus or deficit to the deficit.

However, the decrease shall be debited directly to the revaluation surplus to the extent of any credit balance existing in the revaluation surplus in respect of that class of assets. Upon disposal, any revaluation reserve relating to the particular asset being sold is transferred to the Accumulated fund – current.

2.1.5. Depreciation

Depreciation is recognized on all Property, Plant & Equipment on a straight-line basis over the estimated useful lives of such assets. Depreciate all the assets when they are available for use, and depreciation of assets ceases when the assets are de-recognized" in accordance with the Sri Lanka Public Sector

Accounting Standards (SLPSAS7). If the date of purchasing of an asset is not known, depreciation is provided for the whole year of the asset acquired or based on the most recent month of the assets acquired. The annual rates of depreciation are as follows.

Description	Rate per annum
Buildings	5%
Furniture & Fittings	10%
Electricity Connection	10%
Water Supply System	10%
Office Equipment	20%
Laboratory, Studio & Teaching Equipment	20%
Computer & Network Equipment	20%
Electrical & Maintenance Equipment	20%
Library books & periodicals	20%
Motor Vehicles	20%

2.1.6. Capital Work- in- Progress

Capital work-in-progress is stated at cost. These are expenses of a capital nature directly incurred in the construction of property, plant and equipment awaiting capitalization. Capital work-in-progress would be transferred to the relevant asset category in property plant and equipment, when it is available for use. i.e. when it is in the location and condition necessary for it to be capable of operating in the manner intended by the UCSC.

2.1.7. Intangible Assets

Acquired computer software is capitalized on the basis of the costs incurred to acquire and bring it to use. These costs are amortized over their estimated useful life of five (05) years. Costs associated with maintaining computer software programmes are recognized as an expense when it is incurred.

Description	Rate per annum
Computer Software	20%

Costs that are directly associated with the production of identifiable and unique software products controlled by UCSC are recognized as intangible assets when the following criteria are met:

1. It is technically feasible to complete the software product so that it will be available for use;
2. Management intends to complete the software product and use it;
3. There is an ability to use the software product;
4. It can be demonstrated how the software product will generate probable future economic benefits;
5. Adequate technical, financial and other resources to complete the development and to use the software product are available; and
6. The expenditure attributable to the software product during its development can be reliably measured.

Directly attributable costs that are capitalized as part of the software product include the software development employee costs and an appropriate portion of relevant overheads.

2.1.8. Inventories

Inventories have been valued at cost and the cost is determined based on the first in first out (FIFO) method. The cost includes expenditure incurred in acquiring the inventories and bringing them to their existing location and condition. The Inventory of the UCSC includes stationery, consumables and maintenance items. Where inventories are acquired through a non-exchange transaction, their cost shall be measured at their fair value as at the date of acquisition.

2.1.9. Cash and Cash Equivalents

Cash and cash equivalents are defined as cash in hand, demand deposits and short-term highly liquid investments, readily convertible to known amounts of cash and subject to insignificant risk of changes in value. For the purpose of the Statement of Cash Flow, cash and cash equivalents consist of cash in hand, deposits in banks and bank overdrafts. Investments with short maturities i.e. Three months or less from the date of acquisition are also treated as cash equivalents.

2.2. Liabilities & Provisions

2.2.1. Liabilities

All known liabilities as at the date of statement of financial position are included in the financial statements and adequate provisions are made for liabilities which are known to

exist, but the amount of which cannot be determined accurately.

Obligations payable on demand or within one year of the date of statement of financial position are treated as current liabilities in the statement of financial position. Liabilities payable after one year from the date of statement of financial position are treated as non-current liabilities in the statement of financial position.

2.2.2. Contingent Liabilities

UCSC does not recognize contingent liability but discloses any contingencies in the notes to the financial statements, unless the possibility of an outflow of resources embodying economic benefits or service potential is remote.

2.2.3. Provisions

A provision is recognized in the statement of financial position when UCSC has an obligation as a result of a past event, it is probable that an outflow of assets will be required to settle the obligation and the obligation can be measured reliably. No provision has been made in the accounts with regard to liabilities arising out of litigation for which the outcome is uncertain.

2.2.4. Deferred Income

Deferred income results when received income relating to courses and study programmes are raised at the commencement of the courses where the course delivery takes place over a period of several months / years. Deferred

income is recognized in the statement of Financial

Performance to the extent of course delivery taking place on a quarterly basis and the balance attributable to the remaining course period is recognized as a liability on the statement of financial position until income is recognized.

2.2.5. Employee Benefits

a. Employee Defined Benefit Plan - Gratuity

Defined benefit plan is a post-employment benefit plan, other than a defined contribution plan. The defined benefit is calculated by an independent actuary using the Projected Unit Credit (PUC) method.

The present value of the defined benefit obligation is determined by discounting the estimated future cash outflows, using interest rates that are denominated in the currency in which the benefits will be paid and that have terms to maturity approximating to the terms of the related liability. The present value of the defined benefit obligations depends on a number of factors that are determined on an actuarial basis using a number of assumptions about discount rates, future salary increments and mortality rates. Due to the long-term nature of these plans, such estimates are subject to significant uncertainty.

All assumptions are reviewed at each reporting date. Accordingly, the employee benefit liability is based on the actuarial valuation as of 31st December 2023. The UCSC's accounting policy for gratuity is to recognize actuarial gains and losses in the period in

which they occur in full in the statement of Financial Performance.

b. Defined Contribution Plans – University Provident Fund (UPF), Employees' Trust Fund (ETF) and University Pension Fund

The UCSC and employees contribute 15% or 07% and 10% respectively, of the salary of each employee to the approved University Provident Fund. In addition, UCSC contributes 3% of the salary of each employee to the Employees' Trust Fund and 08% of the salary of eligible employees to the University Pension Fund. These are recognized as an expense in the statement of Financial Performance as incurred.

2.2.6. Foreign Currency Transaction

Transaction currencies other than Sri Lankan rupees are converted into Sri Lankan rupees at rates which are prevailing at the date of transaction. Gains and losses resulting from the settlement of such translation and from the translation of monetary assets and liabilities denominated in foreign currencies are recognized in the income statement. Monetary assets and liabilities denominated in foreign currencies are translated at the exchange rate prevailing on the balance sheet date.

2.3. Accounting for the Receipt and Utilization of Funds, Grants and Reserves

Revenue consists of Government Grants, UGC Grants, Income generated from internal sources and external grants provided by various donors and Institutes. Restricted funds are invested in fixed deposits in state banks.

Usage is restricted to the specific purpose for which the fund was established.

2.3.1. Endowment Funds

Where assets are received as an endowment which are not exhausted, only the income earned from such assets may be recognized and used as income. Investment income and other gains realized from funds available under each of the above categories are allocated to the appropriate funds, unless the relevant agreement or minute provides otherwise. The purposes of the funds are awarding subject prizes and merit prizes for the best performance in each specified examination.

2.3.2. Accumulated Fund

UCSC adopted and applied SLPSAS 11 – Revenue from Non-Exchange transaction standard with effect from the year 2021 onwards. Accordingly, spent capital grant, capital grant unspent, gift and donations were aggregated as “Accumulated Fund - Capital” in the statement of financial position in accordance with the SLPSAS 11 and guidance issued by the APFASL. General reserve account re-named as accumulated Fund-Current as per the SLPSAS 11.

2.4. Statement of Financial Performance

2.4.1. Revenue Recognition

Revenue is recognized to the extent that it is probable that the economic benefit will flow to UCSC that it can be reliably measured. Recognizing revenue from services by reference to stage of completion. Where revenue cannot be measured reliably, revenue

is recognized only to the extent that the expenses incurred are recoverable.

2.4.2. Revenue Recognition from Non-Exchange Transaction

Non-exchange transactions are those where the UCSC receives value from another entity (e.g. cash or other assets) without giving approximately equal value in exchange. Inflows of resources from non-exchange transactions, other than services in-kind, that meet the definition of an asset are recognized as an asset only when:

- It is probable that UCSC will receive an inflow of economic benefits or service potential; and
- The fair value can be measured reliably. Inflows of resources from non-exchange transactions that are recognized as assets are recognized as non-exchange revenue, to the extent that a liability is not recognized with respect to the same inflow.

The following are the specific recognition criteria in relation to the UCSC non-exchange transactions.

a. Government Grants

Assets and revenue arising from government grants are recognized in the period in which the transfer arrangement becomes binding at the fair value. Where a transfer is subject to conditions and when there is a resulting present obligation as a result of the non-exchange transaction, UCSC recognizes a liability until the conditions are fulfilled. Assets and revenue arising from government grants are measured

at the fair value at the date of recognition. Monetary assets are measured at their nominal value.

- **Recurrent Grant**

Government grants received for the recurrent expenditures are recognized in the statement of financial performance under non-exchange transactions. The government grant of Rs. 439 Mn. was received as a recurrent grant for the year 2024.

- **Capital Grant**

Government Grants and other capital transfers received for the capital expenditure are recognized in the statement of financial performance in accordance with the requirement of SLPSAS 11, Revenue from Non-exchange transactions with effect from the financial year 2021. Capital surplus / (deficit) arising from the capital transactions are accumulated under the Accumulated Fund – Capital in the financial statement. During the year, Government Capital Grant was not granted by the Treasury.

- b. Gifts, Donations and Goods in Kind Received**

Gifts and donations are voluntary transfers of assets including cash or other monetary assets and goods in-kind that the UCSC receives, which are free from stipulations. Gifts and donations and goods in kind received are recognized as non-exchange revenue at its fair value when it is probable that the future economic benefits or service potential will flow to the University, and the fair value of the assets can be measured reliably.

2.4.3. Revenue from Exchange Transaction

- a. Course Fee**

Course fees for the postgraduate Programmes are recognized on a quarterly basis for the period of the academic program. Where adequate information is not available to make such allocation to different financial periods, fees are recognized as income on a cash basis.

- b. Fees on Computing Services Center and ADMTC**

Fees on computing services provided are recognized only on the completion of work. Fees of the CSC and ADMTC courses are recognized based on the course duration.

- c. Investment Income**

Interest Income related to UCSC fixed deposits are accounted for on an accrual basis. Interest Income of the fixed deposits is accrued using effective yield method. In addition to the Interest received from fixed deposits, interest Income consists of Interest received from Loan and Advances and Money Market Investment Income. However, as a UCSC policy Interest income received on behalf of funds / Specific Allocation are credited into the respective fund allocation A/C.

- d. Gains / Losses from Sale of Property, Plant and Equipment**

Net gains and losses on the disposal of property, plant and equipment are recognized in the statement of Financial Performance after deducting from the proceeds on disposal, the carrying value of the item disposed of and any related selling expenses. In the case of any revalued asset, any balance remaining in the

revaluation reserve account is transferred to the Accumulated Fund.

e. Other Income

Any other income not specified under the above categories is recognized on an accrual basis. Other Income Consists of Suppliers Registration Income, Non-refundable Tender Fee, Selection Test Fee, Examination Fee, Examination Service Income, Consultancy Fee, and other miscellaneous nature Income.

2.4.4. Expenditure Recognition

The expenditure has been analyzed by Program /project/object wise and all expenses incurred in respect of undergraduate education have been charged to the government recurrent grant.

All expenditure incurred in the acquisition, or improvement of assets of a permanent nature in order to carry on or increase the learning capacity of the students has been treated as capital expenditure.

a. Project Expenses

Expenses on carrying out the projects and other activities of UCSC are recognized in the statement of Financial Performance during the period in which they are incurred and the basis for identifying project expenses is mainly on the locations of the project and staff allocated to the project and projected activities of the project according to the project proposal.

Expenses are recognized in the statement of Financial Performance on the basis of the

direct association between the cost incurred and the earnings of specific items of income.

b. Operational Expenses

All expenditure incurred on the running of the UCSC and on maintaining the capital assets in a state of efficiency has been charged against income arriving at the surplus for the year. Expenditure on examinations, seminars and courses are recognized in the statement of Financial Performance on an accrual basis.

c. Finance Expense

Finance Expense is recognized on an accrual basis when it is paid or creates liabilities.

2.5. Statement of Cash Flows

The statement of cash flows has been prepared in accordance with SLPSAS No. 02. The method used to prepare cash flow is the "Indirect Method". Cash and cash equivalents as referred to in the statement of cash flows are comprised of those items as explained in Note 01.

2.6. Events after the Reporting Period

The materiality of events occurring after the reporting period has been considered and appropriate adjustments, wherever necessary, have been made in the accounts.

2.7. Receivables

Receivables are stated at the amounts that they are estimated to realize.

2.8. Advance Receipts of Transfers

Where an entity receives resources before a transfer arrangement becomes binding, the resources are recognized as an asset when they meet the definition of an asset and satisfy the

criteria for recognition as an asset. UCSC will recognize an advance receipt liability if the transfer arrangement is not yet binding. Advance receipts in respect of transfers are not fundamentally different from other advance receipts, a liability is recognized until the event that makes the transfer arrangement binding occurs and all other conditions under the agreement are fulfilled.

2.9. Correction of Errors

UCSC corrected material prior period errors retrospectively in the first set of financial statements authorized for issue after their discovery by:

- a. Restating the comparative amounts for the prior period presented in which the error occurred; or
- b. If the error occurred before the earliest prior period presented, restating the opening balances of assets, liabilities and net assets/equity for the earliest prior period presented.

VI. NOTES TO THE FINANCIAL STATEMENTS

NOTE 01 - CASH AND CASH EQUIVALENTS

AS AT 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
SHORT TERM INVESTMENT		
Fixed Deposits - Undergraduate	130,632,363	70,667,127
Fixed Deposits - Postgraduate	21,067,940	14,517,738
Fixed Deposits - EDC	10,712,214	9,905,129
Fixed Deposits - ICTer	1,482,322	1,347,490
Fixed Deposits - Projects	2,334,969	2,158,413
Subtotal	166,229,808	98,595,896
BANK CURRENT ACCOUNTS		
Treasury Funds		
Bank A/C - 086-1-001-2-1190316 (Recurrent)	6,706,432	11,141,080
Bank A/C - 086-1-001-9-0011416 (Capital)	3,139,377	996,817
Non- Treasury Funds		
Bank A/C- 086-2-001-0-1190316 (Repo)	5,432,445	3,296,012
Bank A/C- 086-1-001-0-1189700 (Payment Gateway)	6,707,238	9,268,986
Bank A/C- 086-1-001-0-0011331 (M. Sc. Payment)	797,170	1,447,405
Bank A/C- 086-1-001-5-1189665 (M. Sc. Collection)	2,484,358	3,914,040
Bank A/C- 086-1-001-0-0005542 (R & D)	615,128	821,333
Bank A/C- 086-1-001-3-0018190(Student Distress)	1,193,802	2,769,041
Bank A/C- 086-1-001-4-1190688(Research Commercialization)	988,780	988,780
Bank A/C- 086-1-001-3-1189727(Pre-paid Debit Card)	84,346	87,846
Bank A/C- 086-1-001-1-1189667 (EDC Collection)	1,961,893	1,681,102
Bank A/C- 086-1-001-2-0011330 (EDC Payments)	2,171,832	2,428,466
Bank A/C- 086-1-001-01190483 (CSC)	2,165,626	1,318,921
Bank A/C- 086-1-001-20012363 (CDF)	821,649	785,805
Bank A/C- 086-1-001-83254898 (e LC)	1,333,060	1,039,618
Bank A/C- 086-1-001-51189694 (ADMTC)	962,561	1,936,642
Bank A/C- 086-1-001-1-1191222 (Projects)	2,508,869	1,390,184
Bank A/C- 086-1-001-5-0014624 (Medical)	3,399,189	1,698,984
Bank A/C- 086-4-071-0-1191222 (RFC)	11,876,915	15,101,003
Bank A/C- 086-1-001-3-1189732 (ICTer)	3,025,874	825,404
Bank A/C- 086-1-001-7-1189706 (Error Collection)	313,543	13,543
Bank A/C- 086-4-021-2-1190316 (US Dollar)	44,144,099	17,470,527
Bank A/C- 91780300	15,000	15,000
Subtotal	102,849,186	80,436,539
BANK SAVINGS ACCOUNT		
Bank A/C - 117561006098 (IPG)	4,391,395	7,788,978
	4,391,395	7,788,978
TOTAL	273,470,389	186,821,413

NOTE 01.01 INVESTMENT

<i>AS AT 31ST DECEMBER</i>	Balance as at 01.01.2024	Added to Deposits During the Year	Withdrawals During the Year	Balance as at 31.12.2024
NOTE 01.01 - INVESTMENT – MATURE WITHIN ONE YEAR				
Undergraduate	67,393,537	8,420,143	-	75,813,680
Postgraduate	616,869,761	160,104,947	8,357,893	768,616,816
EDC	600,208,627	146,428,806	16,996,915	729,640,518
CSC	71,300,209	14,681,517	-	85,981,726
eLC	169,480,497	35,547,299	-	205,027,795
ADMTC	21,192,317	5,955,010	905,309.00	26,242,018
Common Projects	85,343,749	32,749,617	7,208,166	110,885,202
ICTer	9,219,818	3,096,311	2,226,955	10,089,174
Subtotal	1,641,008,517	406,983,650	35,695,238	2,012,296,930
NOTE 01.01 - INVESTMENT – MATURE AFTER ONE YEAR				
eLC	4,200,000	-	-	4,200,000
Postgraduate	70,961,519	-	-	70,961,519
EDC	80,100,000	-	-	80,100,000
Subtotal	155,261,519	-	-	155,261,519
TOTAL	1,796,270,036	406,983,650	35,695,238	2,167,558,450

NOTE 02 - LOAN RECEIVABLES

<i>AS AT 31ST DECEMBER</i>	Recover Within One Year	Recover after one Year	Total 31.12.2024
	Rs.	Rs.	Rs.
-			
Distress Loan	3,870,557	6,441,862	10,312,419
Computer Loan	12,000	19,000	31,000
Vehicle Loan	29,038	99,501	128,539
Staff Loan	4,080	11,560	15,640
Special Computer Loan	337,920	225,680	563,600
TOTAL	4,253,595	6,797,603	11,051,198

	Recover Within One Year	Recover after one Year	Total 31.12.2023
	Rs.	Rs.	Rs.
Distress Loan	4,831,125	7,790,438	12,621,563
Computer Loan	12,000	5,500	17,500
Vehicle Loan	53,678	78,205	131,883
Staff Loan	4,080	15,470	19,550
Special Computer Loan	371,712	619,960	991,672
TOTAL	5,272,595	8,509,573	13,782,168

NOTE 03 - OTHER RECEIVABLES, DEPOSITS AND PRE-PAYMENTS

AS AT 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
Festival Advances	37,500	53,750
Special Advance	4,000	4,000
Miscellaneous Advance	25,000	-
Supplies Advance	-	390,940
<u>Deposits</u>		
United Motors Ltd.	15,000	15,000
Associated Motorways Ltd	5,000	5,000
Lanka Communication Services (Pvt) Ltd	15,000	15,000
Sri Lanka Telecom - IDD - Telephone NO. 587239	20,000	20,000
Refundable Deposit -ANCL	126,585	97,500
Rent Deposit -Battaramulla Hostel	150,000	1,278,750
Rent Deposit -Kohuwala Hostel	159,000	159,000
Felix Perera & Sons- Fuel	85,275	85,275
Refundable Deposits - CEB	4,000,000	4,000,000
Water Mart Systems (Pvt) Ltd	46,000	46,000
A.W.Ranasinghe	250,000	-
<u>Other Receivables</u>		
Stamps	32,750	7,431
Sundry Receivable	2,294,650	2,377,040
Pre-payments	1,213,223	2,164,964
TOTAL	8,478,983	10,719,651
NOTE 04 INTEREST RECEIVABLE		
Undergraduate	3,045,834	5,640,804
ADMTC	910,713	1,142,673
Postgraduate	60,784,598	63,506,372
EDC	77,164,747	67,895,814
CSC	2,698,081	3,955,653
eLC	7,226,555	9,204,305
Common Projects	3,949,678	7,206,141
ICTer	300,659	255,702
TOTAL	156,080,865	158,807,464
NOTE 05 INVENTORIES		
Stock of Stationery - Central Stores	4,613,279	3,933,516
Stock of Fuel	1,293,515	1,202,932
Stock of Engineering Division	3,702,920	2,426,095
TOTAL	9,609,714	7,562,543

NOTE 06 - CONSTRUCTION WORK IN PROGRESS

Description	WIP-Colour Wash & Repair Bridges	WIP-Reno.GF EW & WW 2nd
Balance as at 01.01.2024		
Add: Additions During the Year	11,805,672	290,000
Less: Transferred During the Year		
Balance As at 31.12.2024	11,805,672	290,000

NOTE 07 LIBRARY BOOKS & PERIODICALS

Description	Library Books & Periodicals Rs
Cost:	
Balance as at 01.01.2024	28,225,237
Add: Donation During the Year	95,219
Additions	118,000
Balance as at 31.12.2024	28,438,456
Provision for Depreciation:	
Balance as at 01.01.2024	5,642,366
Add: Depreciation During the Year	5,676,020
Balance as at 31.12.2024	11,318,386
Carrying Value as at 31.12.2024	17,120,069
Adjusted Carrying Value as at 31.12.2023	22,582,871

NOTE 08 - PROPERTY, PLANT AND EQUIPMENT

Description	Laboratory, Studio & Teaching Equipment	Furniture & Fittings	Office Equipment	Computer & Network Equipment	Electrical & Maintenanc e Equipment	Motor Vehicles	Buildings	Electricity Connection	Water Supply System	Total
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
Cost:										
Balance as at 01.01.2024	30,898,380	73,426,639	84,015,436	138,829,843	5,961,264	11,450,000	1,367,180,411	24,023,353	22,808,402	1,758,593,728
Adjustments - category changes of AHEAD assets	326,359	550	(326,359)	(550)	-	-	-	-	-	-
Adjustments - removeval of consumable items AHEAD assets	-	-	(244,000)	(27,800)	(32,200)	-	-	-	-	(304,000)
Adjusted Balance as at 01.01.2024	31,224,739	73,427,189	83,445,077	138,801,493	5,929,064	11,450,000	1,367,180,411	24,023,353	22,808,402	1,758,289,728
Addition for the year	4,276,216	725,263	20,366,452	1,570,486	1,634,890	-	3,090,108	-	-	31,663,416
Addition for the year due to adjustments	112,500	76,050	35,000	58,000	42,000	-	-	-	-	323,550
Disposal during the year	(560)	(117,204)	(479,399)	(629,463)	(5,486)	-	-	-	-	(1,232,112)
Balance as at 31.12.2023	35,612,895	74,111,297	103,367,131	139,800,516	7,600,468	11,450,000	1,370,270,519	24,023,353	22,808,402	1,789,044,584

Provision for Depreciation										
Balance as at										
01.01.2024	11,327,978	12,794,180	28,715,963	53,781,516	1,387,323	6,870,000	83,428,997	9,918,684	11,404,201	219,628,842
Adjustments - category changes of AHEAD assets	113,969	110	(113,969)	(220)	-	-	-	-	-	(110)
Adjustments - removeval of consumable items AHEAD assets	-	-	(76,267)	(10,511)	(12,174)	-	-	-	-	(98,952)
Adjusted Balance as at 01.01.2024	11,441,947	12,794,290	28,525,727	53,770,785	1,375,149	6,870,000	83,428,997	9,918,684	11,404,201	219,529,780
Depreciation During the Year	6,646,688	7,371,373	19,784,154	27,062,396	1,224,764	2,290,000	68,445,206	2,402,335	2,280,840	137,507,757
Disposal During the Year	(297)	(31,094)	(250,753)	(329,383)	(2,911)	-	-	-	-	(614,438)
Balance as at 31.12.2024	18,088,337	20,134,569	48,059,128	80,503,798	2,597,002	9,160,000	151,874,203	12,321,019	13,685,041	356,423,098
Carrying Value as at 31.12.2024	17,524,558	53,976,728	55,308,003	59,296,718	5,003,466	2,290,000	1,218,396,316	11,702,334	9,123,361	1,432,621,486
Adjusted Carrying Value as at 31.12.2023	19,782,792	60,632,899	54,919,350	85,030,708	4,553,915	4,580,000	1,283,751,414	14,104,669	11,404,201	1,538,759,948

NOTE 9 - INTANGIBLE ASSETS

Software	2024 Rs.	2023 Re-stated Rs.
Cost:		
Balance as at 01.01.2024	57,597,822	47,628,091
Acquired during the Year		9,969,731
Disposed during the Year	-	-
Balance as at 31.12.2024	57,597,822	57,597,822
Amortization:		
Balance as at 01.01.2024	22,142,327	9,976,587
Amortized during the Year	12,848,529	12,165,739
Balance as at 31.12.2024	34,990,855	22,142,327
Carrying Value as at 31st December	22,606,966	35,455,496

NOTE 10 - ACCRUALS AND OTHER PAYABLE

AS AT 31 ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
Stamp Duty Payable	18,425	21,550
Social Security Contribution Levy Payable	-	1,194,691
Amalgamated Club Fee	568,300	371,700
Student Union	1,364,651	1,138,051
Student Charter Fee	127,000	127,000
Refundable Library Deposits - M.Sc.	2,060,000	2,060,000
Refundable Library Deposits - M.Phil	332,500	332,500
Refundable Exam Fee	30,000	164,873
Refundable Registration Fee	6,500	-
Other Refundable Deposits	2,812,140	-
Network Operating Centre Payable	302,879	322,379
Salaries Payable	5,692,447	4,905,378
Accrued Expenses	24,934,719	18,120,277
Other Payable	362,220	333,790
University Provident Fund Payable	1,157,388	994,489
Staff Insurance Recovery	414,945	231,250
Medical Fee	4,328,971	3,753,801
Employees' Trust Fund Payable	142,886	121,520
Employees' Provident Fund Payable	26,665	11,927
Canteen Deposit	-	75,000
Student Activity	-	250,000
APIT Payable	929,390	214,100
SSCL Payable	1,227,718	-
TOTAL	46,839,744	34,744,277

NOTE 11 - PROVISIONS

Provision for Special Services	843,700	-
Provision for the Audit Fee	1,257,196	1,738,923
Provision for ICTer Conference	1,870,335	958,050
Total	3,971,231	2,696,973

NOTE 12 - DEFERRED INCOME

<i>AS AT 31ST DECEMBER</i>	2024 Rs.	2023 Re-stated Rs.
Total Deferred Income	156,992,744	112,939,446
TOTAL	156,992,744	112,939,446

NOTE 12.1 - DEFERRED INCOME UNDER CURRENT LIABILITY

Postgraduate	33,925,509	27,739,372
External Degree Centre	24,718,550	9,068,458
Computing Service Centre	1,720,000	3,233,274
ADMTC	350,000	1,400,000
TOTAL	60,714,059	41,441,104

NOTE 12.2 - DEFERRED INCOME UNDER NON-CURRENT LIABILITY

Postgraduate	95,906,685	71,498,341
TOTAL	95,906,685	71,498,341

NOTE 13 - PROJECT GRANTS

<i>AS AT 31ST DECEMBER</i>	2024 Rs.	2023 Re-stated Rs.
Opening Balance	15,161,258	11,462,148
Grant Received During the year	15,579,406	10,937,853
	30,740,663	22,400,001
Less: Grant spent During the Year	(7,461,270)	(7,238,743)
Total	23,279,392	15,161,258

NOTE 14 - RETIREMENT BENEFIT OBLIGATION GRATUITY

<i>AS AT 31ST DECEMBER</i>	Undergraduate Rs	Total Rs
Balance as at 01.01.2023	109,625,888	109,625,888
Provision made during the Year	27,075,924	27,075,924
Actuarial (Gain) / Loss	(7,672,797)	(7,672,797)
Payment made during the Year	(2,769,928)	(2,769,928)
Balance as at 31.12.2023	126,259,087	126,259,087
Provision made during the Year	26,001,123	26,001,123
Actuarial (Gain) / Loss	15,033,302	15,033,302
Payment made during the Year	(10,264,250)	(10,264,250)
Balance as at 31.12.2024	157,029,262	157,029,262

NOTE 14.1

Rate of Discount	11% p.a.
Rate of the salary Escalation	
Academic staff	10.00% p.a.
Academic Support Staff	08.00% p.a.
Non-Academic staff	08.00% p.a.

Actuarial and Management Consultants (Pvt) Ltd., qualified actuaries carried out an actuarial valuation on the defined benefit plan-gratuity as at 31st December 2024.

NOTE 15 ACCUMULATED FUND – CAPITAL

<i>AS AT 31ST DECEMBER</i>	2024 Rs.	2023 Re-stated Rs.
Balance Beginning of the Year	715,280,372	797,663,964
Capital Surplus / (Deficit) During the Year	(154,977,582)	(122,540,489)
Transferred During the Year	43,241,132	40,156,896
Balance Ending of the Year	603,543,921	715,280,372

NOTE 15.1 CAPITAL GRANT SPENT AND UNSPENT

<i>AS AT 31ST DECEMBER</i>	Capital Surplus as at 01.01.2023	Transferred During the Year	Depreciation and Amortization during the year	Donations	Revenue from Non exchange transaction - Capital	Contribution to capital outlay from Project & Generated Funds	Capital Expenditure During the year	Capital Surplus as at 31.12.2023
Capital Grant Spent								
Capital Grant Spent	797,663,964	303,100	(149,190,605)	-	-	-	66,503,912	715,280,372
Subtotal	797,663,964	303,100	(149,190,605)	-	-	-	66,503,912	715,280,372
Capital Grant Unspent								
Rehabilitation and Improvement of Capital Assets	-	-	-	-	10,351,000	-	(10,351,000)	-
Acquisition of Fixed Assets and Construction	-	-	-	-	14,649,000	-	(14,649,000)	-
Generated Funds for Capital Assets	-	-	-	-	-	39,853,796	(39,853,796)	-
Donations	-	-	-	18,817	-	-	(18,817)	-
AHEAD Grants	-	-	-	1,631,299	-	-	(1,631,299)	-
Subtotal	-	-	-	1,650,116	25,000,000	39,853,796	(66,503,909)	-
Grand Total	797,663,964	-	(149,190,605)	1,650,116	25,000,000	39,853,796	-	715,280,372

AS AT 31ST DECEMBER	Capital Surplus as at 01.01.2024	Transferred During the Year	Depreciation and Amortization during the year	Donations	Revenue from Non exchange transaction - Capital	Contribution to capital outlay from Project & Generated Funds	Capital Expenditure During the year	Capital Surplus as at 31.12.2024
Capital Grant Spent								
Capital Grant Spent	715,280,372	323,550	(156,032,306)	-	-	-	43,972,304	603,543,921
Subtotal	715,280,372	323,550	(156,032,306)	-	-	-	43,972,304	603,543,921
Capital Grant Unspent								
Transfer from Development fund for rehabilitation, construction and acquisition of FA	-	-	-	-	-	42,917,582	(42,917,582)	-
ations	-	-	-	95,219	-	-	(95,219)	-
Common Project Grants	-	-	-	-	-	959,503	(959,503)	-
Subtotal	-	-	-	95,219	-	43,877,085	(43,972,304)	-
Grand Total	715,280,370	323,550	(156,032,306)	95,219.00	-	43,877,085	-	603,543,921

NOTE 16 - ACCUMULATED FUND – CURRENT

AS AT 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
Balance as at 01.01.2024	1,397,417,388	1,074,057,243
Adjustments of Provision	-	1,342,334
Transferred from Revaluation Reserve	804,869	616,250
Transferred Allocations to Restricted Funds	(39,009,691)	(34,566,757)
Transfer during the Year (UCSC Allocation for Dev. Fund)	(89,083,233)	(40,613,277)
Surplus / (Deficit) for the Year	381,428,622	396,581,595
Balance as at 31.12.2024	1,651,557,956	1,397,417,388

NOTE 17 - REVALUATION RESERVE

<i>AS AT 31ST DECEMBER 2024</i>	Lab, Studio & Teaching Equipment	Office Equipment	Furniture & Fittings	Computer & Network Equipment	Electric & Maintenance Equipment	Motor Vehicles	Building	Books & Periodicals	Software	Total Rs.
Balance as at 01.01.2024	18,528,519	21,634,665	13,963,944	54,583,996	6,243,424	13,425,000	788,353,881	27,291,801	2,335,000	946,360,232
Adjustment	(49,527)	(83,287)	(43,396)	(440,018)	(22)	-	-	-	-	(616,250)
Adjusted Balance as at 01.01.2024	18,478,992	21,551,378	13,920,548	54,143,979	6,243,401	13,425,000	788,353,881	27,291,801	2,335,000	945,743,982
Less: Transferred to Current Surplus Due to De-recognition of Assets -Normal Disposal	(560)	(377,337)	(90,472)	(335,400)	(1,100)	-	-	-	-	(804,869)
Ending Balance as at 31.12.2024	18,478,432	21,174,041	13,830,076	53,808,579	6,242,301	13,425,000	788,353,881	27,291,801	2,335,000	944,939,111

NOTE 18 - RESTRICTED FUNDS

AS AT 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
BIT Award Vote	370,714	340,004
Allocation for BIT Development	91,955,701	80,665,491
Prof V.K. Samaranayaka Award Vote	269,802	263,993
Prof V.K. Samaranayaka Endowment Vote	28,023,801	25,185,538
Donor Fund for Disable Student	30,054	30,054
Allocation for Research & Development	193,618,910	182,336,238
JICA Award Vote	162,249	164,078
THA De Zoysa Award Vote	391,032	356,601
Allocation for Equipment Replacement	2,315,411	2,315,411
Best e-Learner Award Vote	498,417	445,711
Staff Development Allocation	34,904,486	20,555,569
Virtusa Academic Excellence Vote	451,210	418,331
Sheoria Robustra Scholarship - 1 Vote	1,120,074	1,047,911
Sheoria Robustra Scholarship - 2 Vote	1,150,288	1,049,373
Allocation for Student's Distress	20,221,089	13,671,140
Best Performance Award -Zebra Vote	217,082	202,230
Best Performance Award -IFS Vote	203,285	192,183
Best Performance Award -Sampath Bank Vote	204,576	194,684
Prof.Mohan Munasinghe Award -1 Vote	74,902	73,450
Prof.Mohan Munasinghe Award -2 Vote	84,864	81,167
ICTA Award Vote	146,195	141,680
Research Laboratory Vote	1,181,247	1,222,347
David Peiris Medal Vote	899,957	866,184
Mrs. Soma Gunathilake Memorial Award Vote	344,526	319,979
Mrs. Wimala Jayarathne Memorial Award Vote	376,251	348,148
IFS Scholarship Vote	-	240,000
Award for the best performance in Master of Computer Science	298,171	300,000
Prof.G N Wickramanayake Memorial Award Vote	298,171	300,000
Award for Master of Science in Computer Science Degree Programme	298,171	300,000
Award for the Most Outstanding Student in the Master of Cybersecurity Degree	300,000	300,000
Scholarship from Other Parties	5,000	65,000
Bond Value Recovery Vote	56,727,965	54,445,988
Allocation for Medical Scheme	18,754,835	6,593,428
Allocation for UCSC Infrastructure Development	683,180	1,614,575
Allocation for UCSC Welfare Development	9,130,154	9,025,749
Prof.N.D.Kodikara Award Vote	308,026	-
UCSC Development Fund	46,323,025	-
TOTAL	512,342,818	405,672,235

NOTE 19 - INTERUNIT CURRENT ACCOUNTS

Rs.

AS AT 31ST DECEMBER	Undergraduate	ADMTC	Postgraduate	EDC	CSC	ICTer	eLC	Projects (Common)	Total
Credit Entries									
Undergraduate		13,369,315	-	-	-	242,708	-	-	13,612,023
Postgraduate	215,511,156	-	-	9,645,258	-	100,000	-	265,230	225,521,644
EDC	107,953,019	1,945,188	-	-	6,648,058	-	-	-	116,546,265
CSC	8,223,992	557,952	5,512,039	-	-	-	-	-	14,293,983
ADMTC	-	-	174,108	-	-	-	2,500	101,074	277,682
eLC	1,712,857	-	1,052,676	20,145,116	105,835	5,000	-	307,787	23,329,271
ICTer	-	-	-	-	-	-	-	-	-
Projects (Common)	17,124,357	-	-	3,499,536	1,374,497	-	-	-	21,998,390
Total	350,525,381	15,872,455	6,738,823	33,289,910	8,128,390	347,708	2,500	674,091	415,579,258
Debit Entries									
Undergraduate	-	-	215,511,156	107,953,019	8,223,992	-	1,712,858	17,124,356	350,525,380
Postgraduate	-	174,108	-	-	5,512,039	-	1,052,676	-	6,738,823
EDC	-	-	9,645,258	-	-	-	20,145,116	3,499,536	33,289,910
CSC	-	-	-	6,648,058	-	-	105,835	1,374,497	8,128,390
eLC	-	2,500	-	-	-	-	-	-	2,500
ADMTC	13,369,315	-	-	1,945,188	557,952	-	-	-	15,872,455
Projects (Common)	-	101,074	265,230	-	-	-	307,787	-	674,091
ICTer	242,708	-	100,000	-	-	-	5,000	-	347,708
Total	13,612,022	277,682	225,521,644	116,546,265	14,293,984	-	23,329,272	21,998,389	415,579,256

NOTE 20 - SEGMENT INFORMATION

Rs.

Year Ended 31st December 2024	Undergraduate	Postgraduate	External Degree Centre	Computing Service Centre	e Learning Centre	ADMTC	Projects	ICTer Conference	Total
Government Grant	439,995,000	-	-	-	-	-	-	-	439,995,000
Course Income	-	123,414,886	202,974,176	21,375,274	16,559,518	6,930,000	-	-	371,253,855
Bursary Grant	7,152,000	-	-	-	-	-	-	-	7,152,000
Interest Income	18,495,186	65,920,824	88,386,606	8,936,480	21,587,940	2,324,018	5,232,836	1,121,099	212,004,989
Project Grant	-	-	-	-	-	-	7,461,270	-	7,461,270
Consultancy and Other Service Income	-	-	-	1,558,650	1,254,000	-	-	-	2,812,650
Other Income	89,990,511	454,635	3,229,157	267,550	5,445,009	742,846	-	7,738,667	107,868,375
Total Revenue	555,632,697	189,790,345	294,589,939	32,137,955	44,846,467	9,996,864	12,694,106	8,859,766	1,148,548,139
Personnel Emoluments	342,695,128	586,445	3,443,786	-	3,938,634	1,361,527	-	-	352,025,520
Travelling	378,277	74,210.00	27,822	-	13,580	420	-	-	494,308
Supplies	14,043,684	248,601	2,358,024	86,694	14,234	136,040	-	7,356	16,894,633
Contractual Services	71,826,774	106,638.58	242,801	132,310	261,405	85,912	-	-	72,655,840
Retirement Benefits	77,599,928	93,778	248,962	-	651,833	-	-	-	78,594,502
Other Recurrent Expenditure	39,714,741	82,093,413	187,944,881	21,476,586	9,057,196	6,165,750	10,836,346	7,129,392	364,418,306
Bursary Payments	7,152,000	-	-	-	-	-	-	-	7,152,000
Total Expenses	553,410,532	83,203,085	194,266,276	21,695,591	13,936,881	7,749,649	10,836,346	7,136,748	892,235,109
Surplus/ (Deficit)	2,222,165	106,587,259	100,323,663	10,442,364	30,909,586	2,247,215	1,857,759	1,723,018	256,313,030
Total Assets	1,800,398,130	1,153,116,101	1,022,777,949	107,143,216	241,116,682	28,392,974	157,526,669	15,801,229	4,526,272,950
Total Liabilities	540,852,035	146,885,167	60,422,132	10,981,585	1,820,447	17,033,300	2,289,746	2,218,242	782,502,654

NOTE 21 - SEGMENT INFORMATION CONT.

Undergraduate Programme (UG)

UG unit conducts undergraduate academic activities of UCSC.

Postgraduate Programme (PG)

PG unit conducts postgraduate degree programmes and facilitates research activities of UCSC.

External Degree Programme (EDC)

EDC conducts the Bachelor of information Technology external degree programme of UCSC.

Computing Service Center (CSC)

CSC conducts training programs, providing consultancy services and related activities.

E Learning Center (e LC)

eLC facilitates the digital transformation of the teaching-learning process by integrating e-learning practices. It is a service center of UCSC, to support undergraduate, postgraduate and external and extension degree programmes.

Advance Digital Multimedia Technology Center (ADMTC)

ADMTC conducts training programs related to advanced multimedia Technologies and web design.

ICTer Conference

International Conference of Advances in ICT for Emerging Regions (ICTer) will be held every year by UCSC. The aim of the conference is the presentation of selected papers. In addition, the conference will include several keynote addresses by leading personalities of international repute in the domains of Computer Science and ICT. The conference will include several pre and post-conference workshops conducted by top experts in the cutting-edge areas of Computer Science and Information and Communication Technology.

Common Projects

This unit consists of various external project related activities.

Total Assets and Total Liabilities of the segment report included intercompany current Account Balances

NOTE 22 - OTHER DISCLOSURES

22.1 UCSC is an Institute which was established under Ordinance No. 01 of 2002 and is located inside the premises of the University of Colombo. The address of the land is No. 35, Reid Avenue, Colombo 07. This land belongs to the University of Colombo, 94, Cumaratunga Munidasa Mawatha. Colombo 03. Hence, the University of Colombo School of Computing has not recognized land value in the books of accounts.

22.2 There are no material events occurring after the reporting period that require adjustment or disclosure in the financial statements

22.3 Even though the UCSC policy for the amortization of Software is 20%, the annual payment for firewall clusters has been amortized under the rate of 33 1/3% due to the renewal of the firewall is applicable only for 03 years. The value of the firewall subscription is Rs. 9,969,730.94.

22.4 Donation

During the year, UCSC received Rs. 95,218.55 worth of Library books and Periodicals as a Donation from various parties.

22.5 All the property, Plant and Equipment acquired by the University of Colombo School of Computing are recognized under the undergraduate unit.

22.6 Assets Disposal

During the year Value of Rs.1,232,112.26 assets were disposed. These assets consisted of furniture and fittings, office equipment, computer and network equipment, electrical and maintenance equipment, and lab and teaching equipment.

22.7 A former employee namely Mr S A D S P Jayathilaka has filed a case against UCSC. And Fraud Bureau has filed a case against Mr S D Muthukudaarachchi who is a former employee of UCSC Details are given in the table below:

SN	Name of the Complainer	Case	Case Filed by	Court	Status as at 31.12.2024
1	Mr. S A D S P Jayathilaka Former Lecturer (Probationary)	LT2/ 473/2014	Mr. S A D S P Jayathilaka	Labour Tribunal - 02 Borella	The case is summoned by the Labour Tribunal on 08 th January 2025 See note 01
2	Mr. S D Muthukudaarachchi	1.MC204024/01/2015 2. 41685/01/2015 3. 41686/01/2015	Fraud Bureau	Colombo Chief Magistrate's Court	According to the information reported to the Labour Tribunal on 20 th October 2023, Mr. Muthukudaarachchi was guilty for all three cases and he has made appeals against the Judgment See note 02

Note 01: This case was summoned on 08th January 2025, Mr. Jayathilaka appeared, and informed the Court that he won't continue the case. He has withdrawn the case.

Note 02: These cases were filed by the Fraud Bureau regarding a signature forgery done by Mr. Muthukudaarachchi for his leave applications.

22.8 The following academic staff members have violated the bond agreements as mentioned below and at present UCSC has taken steps to recover outstanding.

22.9 Events After the Reporting Period

S N	Name & Designation of Bond Violator	Nature of Termina tion & Date of Termina tion	Bond Value (Rs.) according to the original agreement (Rs.)	Total Value of Bond & Other Dues to the UCSC (Rs.) as revised	Amount Received as at 31.12.2024(Rs.)	Due amount as at 31.12.2023(Rs.)	Action Taken during the year to recover Dues
1	Mr.HM Siriwardana Lecturer (Probationary)	Vacated of Post w.e.f. 01.01.20 18	2,619,437.40	Rs.4,781,357.5 0	2,014,638.93 + 604,880.00 Total = 2,619,518.93 Calculated Gratuity amount of Rs.271, 650.00.	1,881,301.96 (Difference from the initial bond and interest as at 12.12.2024 - Rs. 250,569.65 + 1,630,732.31 Interest on revised bond value per AWLR/ CENTRAL BANK)	Several communication s had with Mr. Siriwardhana for a settlement and as instructed by the Board of Management, a fresh letter of demand was sent asking to settle Rs. 1,881,301.96. After discussing the reply received from Mr. Siriwardhana was discussed at the Board of Management and the Board of Management decided to inform Mr. Siriwardhana to settle the balance amount of Rs. 1,881,301.96. Informed the Lawyer to proceed.

Events related to the reporting period were not reported after the reporting period.

NOTE 23 - RELATED PARTY TRANSACTION

No related party transactions were identified during the year except inter unit current account transactions. However, during the year UCSC paid Rs. 672,000.00 as a sitting allowance to the UCSC Board of Management Members, Rs. 36,000.00 as Finance and Management Committee members and Rs. 66,000.00 as Audit Committee members.

NOTE 24 - UCSC CONTRIBUTION

Throughout the year, a total of Rs. 117.92 million has been transferred from the Extension programmes and projects to the Undergraduate Unit (UG) as UCSC contribution, aiming to address both capital and recurrent expenses. Of this amount, Rs. 42.92 million was utilized for capital expenditures, with the remaining Rs. 75 million allocated to cover recurrent expenses, owing to restrictions in treasury fund allocation.

NOTE 25 - ACTUARIAL VALUATION FOR GRATUITY

Actuarial and Management Consultant (Pvt) Ltd, qualified actuaries has done actuarial valuation on the defined benefit plan – Gratuity as at 31st December 2024. The assumptions used in determining the cost of retirement benefits are as follows.

Retiring Gratuity Formula:

Half month's Salary plus Allowance for each completed year of service when the total period of service as at the date of “exit” is 5 years or more.

Mortality: A 1967/70 Mortality Table

Disability: 10% of the Mortality Table

Staff Turnover Rates: Permanent Staff: 6.00% p.a. across the board up to age 54 and thereafter zero.

Non-Permanent Staff: Staff Turnover Rate

AGE GROUP	RATE
18 to 44	23%
45 to 54	19%
Over 54	0%

Rate of salary Escalation

Basic Salary and Allowances

Academic Staff 10.00% p.a.

Academic Support Staff 08.00% p.a.

Non-Academic Staff 08.00% p.a.

Normal Retirement Age

Academic Staff 65 yrs.

Non-Academic staff 60 yrs.

Rate of discount 11% p.a.

(The employees who are aged over the specified retirement age have been assumed to retire on their respective next birthday)

Change in the Present Value of the Defined Benefit Obligation (PV-DBO)

Provision for PV-DBO as at 01 January 2024	=	126,259,086
Interest Cost for the period	=	16,413,681
Current Service Cost for the period	=	9,587,442
Gratuity paid/payable for those who left during the period	=	(10,264,250)
Gratuity payments were made for those employees who transferred out	=	-
Gratuity payments received for those employees who transferred in	=	-
Actuarial (Gain)/Loss on PV-DBO	=	15,033,302
Provision for PV-DBO as at 31 December 2024	=	157,029,261

AMOUNTS RECOGNIZED IN THE BALANCE SHEET AND INCOME STATEMENT**Liability recognized in the balance sheet**

Provision for Gratuity as at 31 December 2024	=	157,029,261
Unrecognized actuarial Gains/(Losses) as at 31 December 2024	=	-
Liability recognized in the balance sheet as at 31 December 2024	=	157,029,261

Expenses recognized in the income statement

Interest Cost	=	16,413,681
Current Service Cost	=	9,587,442
Expenses recognized in the Income Statement	=	26,001,123

Expenses recognized in Other Comprehensive Income statement

Net Actuarial (Gain)/Loss recognized immediately	=	15,033,302
Expenses recognized in Other Comprehensive Income statement	=	15,033,302

Movements in the Net Liability Recognized in the balance sheet

Opening Net Liability as at 01 January 2024	=	126,259,086
Expenses recognized in the Income Statement	=	26,001,123
Expenses recognized in Other Comprehensive Income statement	=	15,033,302
Gratuity paid/payable for those who left during the period	=	(10,264,250)
Net Gratuity payments made/received for those transferred	=	-
Closing Net Liability as at 31 December 2024	=	157,029,261

Current Service Cost

Category	Rs
Academic–Permanent	6,054,361.00
Non-Academic –Permanent	1,840,936.00
Academic Support –Permanent	415,439.00
Academic – Non-Permanent	803,293.00
Non –Academic Non-Permanent	295,911.00
Academic Support –Non-Permanent	143,406.00
E-Learning	34,097.00
Total	9,587,443.00

Sensitivity Analysis of Present Value of Defined Benefit Obligation (Rs.)

Assumption Change	Provision (Rs.)
A one percentage point increase (+1%) in the discount rate	148,891,924
A one percentage point decrease (-1%) in the discount rate	166,117,837
A one percentage point increase (+1%) in the salary/wage increment rate	166,057,046
A one percentage point decrease (-1%) in the salary/wage increment rate	148,803,151

NOTE 26 - RESTATE FINANCIAL STATEMENT COMPARATIVE FIGURES 2023

The assets received under the AHEAD ICE Project have been recognized in the year 2023 following the project's completion. The total value of these assets is Rs. 24,092,101.39, and they were acquired between 2019 and 2023. During the identification process, some consumable items were mistakenly classified as fixed assets and recorded in the accounts. These items were purchased in 2022, with a total value of Rs. 304,000.00. Annual depreciation of Rs. 38,152.33 and Rs. 60,800.00 were accounted for in the years 2022 and 2023, respectively.

Since these items are consumable, they should not be classified as fixed assets and must be removed from the fixed assets register. Accordingly, the Rs. 304,000.00 has been removed from the respective asset categories, and the depreciation charged in 2022 and 2023 has been adjusted.

In addition, some assets were mistakenly classified as Office Equipment and need to be reclassified as Lab and Teaching Equipment. The total value of these assets is Rs. 326,359.00, with depreciation charges of Rs. 48,696.95 and Rs. 65,271.80 in the years 2022 and 2023, respectively.

Furthermore, one item that was mistakenly recorded as Computer Equipment needs to be reclassified as Furniture and Fittings. The item's value is Rs. 550.00, with depreciation charges of Rs. 110.00 in both 2022 and 2023. The necessary reclassifications have been made, and cumulative adjustments have been reflected in the comparative figures for 2023.

Moreover, in 2023, items valued at Rs. 833,982.26 were disposed of, but the revaluation gain associated with these assets was not initially transferred to the Accumulated Fund recurrent account. A total revaluation gain of Rs.616,250.47 has now been transferred to the Accumulated Fund recurrent account in 2023, and the comparative figures have been adjusted accordingly.

NOTE 27 - SUSTAINABLE DEVELOPMENT GOALS DISCLOSURE

i. Sustainable Development Agenda Goal No. 01. - **End poverty in all its forms everywhere**

Actions taken

- a. Mahapola and Bursary scholarships are provided using government funds. Rs 4.19 mn was spent as Mahapola scholarship and Rs 3.93 was spent as Bursary scholarship.
- b. Tuition fees are not charged to undergraduate students under the free education policy.
- c. Special scholarships were provided for low-income students using private funds by the donors.
- d. Special scholarships were provided for needy students using UCSC-generated income.
- e. Special supports (financial and equipment) were provided to the economically disadvantaged students through UCSC Alumni Association.
- f. Hostel facilities were provided for low-income students

ii. Sustainable Development Agenda Goal No. 02. - **End hunger, achieve food security and improved nutrition and promote sustainable agriculture**

Actions taken

- a. Special financial assistance was provided for students who have lost their parents.
- b. Students could purchase canteen food at subsidized rates as UCSC provides utilities and services(water/electricity/premises/equipment) to the canteen.
- c. UCSC-funded research work to promote sustainable and smart agriculture.

iii. Sustainable Development Agenda Goal No. 03. - **Ensure healthy lives and promote well-being for all at all ages**

Actions taken

- a. The medical support scheme supported the staff and their immediate family members during 2024.
- b. Hand washing facilities at the entrance were maintained to ensure proper hand hygiene despite the low risk of pandemic.

- c. Professional counselling was provided to both staff and students wherever needed.
- iv. Sustainable Development Agenda Goal No. 04. - **Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all**

Actions taken

- a. All online lectures were recorded to allow students to access them in both synchronized and asynchronized modes.
- b. Free Internet access was provided when accessing the UCSC online learning environment and participating in online meetings through Zoom service.
- c. Many quality assurance activities were carried out during 2023 to improve the process of education delivery while collecting students' feedback regularly during the semester.
- d. Curriculum development for BIT and FIT programs was carried out to improve the quality of open and distant learning initiatives of UCSC.
- e. Several student surveys were carried out to find out student issues and found ways to mitigate such issues to increase engagement in education effectively.
- f. Undergraduate degree programmes (Computer Science and Information Systems) were accredited by the UGC and obtained an "A" grade.
- g. Provided opportunities for local and foreign students to enroll in BIT programmes and face online exams to continue their degrees from their respective countries at a minimal cost.
- h. To provide good quality education for youth and UCSC sustainability, well-qualified teachers by facilitating teacher training through International Corporations and Collaboration. In 2024 UCSC spent Rs 17.2 mn on research and developments
- i. UCSC has spent Rs 3.09 on the renovation of the 1st Floor-Cafeteria and Rs 1.56 mn on maintenance of buildings and structures.

NOTE 28 - INTEREST INCOME

FOR THE YEAR ENDED 31ST DECEMBER		2024 Rs	2023 Re-stated Rs
Interest on Loan and Advances		466,068	564,058
Interest on Investment		206,402,488	280,215,993
Overnight Repo Interest Income	Note 28.1	5,136,433	5,980,495
TOTAL		212,004,989	286,760,547

NOTE 28.01 - INTEREST ON INVESTMENT

Undergraduate Programme (UG)	12,892,685	20,077,994
Postgraduate Programme-(PG)	65,920,824	99,800,456
External Degrees Centre -(EDC)	88,386,606	104,514,118
Computing Services Centre-(CSC)	8,936,480	11,880,542
eLearning Centre -(eLC)	21,587,940	32,114,919
Advanced Digital Media Technology Centre - (ADMTC)	2,324,018	3,433,999
Common Projects	5,232,836	6,311,245
ICTer Conference	1,121,099	2,082,720
TOTAL	206,402,488	280,215,993

NOTE 29 - OTHER INTERNAL INCOME

Miscellaneous Receipts	704,229	17,128
Undergraduate Selection Test Fees	-	9,274,010
Undergraduate Registration & ID Fee	879,383	671,850
Library Fine	13,109	29,074
Undergraduate Certificate Fee	10,237,963	5,656,642
Undergraduate Examination Fees	181,850	79,784
Undergraduate Library Fee	174,000	175,500
Undergraduate Course Fee - Foreign	1,782,946	1,909,585
Supplier Registration Fee	217,608	328,000
Non-Refundable Bid Deposits	241,010	55,000
Laboratory Fee	348,000	351,000
Rental Income	12,000	-
Debris Sales	-	8,100
Charter Fee	34,800	35,100
Liquidated Damages	134,520	41,751
TOTAL	14,961,418	18,632,524

NOTE 30 - REVENUE FROM EXTENSION PROGRAMME

FOR THE YEAR ENDED 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
Postgraduate Programme - (PG)		
Course Fee	114,790,519	85,141,087
Application Fee	3,000	-
M. Phil Registration Fee	1,487,200	240,000
PhD Fee	330,000	420,000
Repeat Examination Fee	1,961,725	1,234,750
Re Registration fee	2,547,000	3,330,500
Project Repeat Fee	120,000	-
M.Sc. Renewal Fee	630,000	540,000
Verification Fee	1,434,442	1,805,267
Transcript Fee	454,635	843,374
Other Fee	111,000	1,735,940
Subtotal	123,869,521	95,290,919

NOTE 30 - REVENUE FROM EXTENSION PROGRAMME

FOR THE YEAR ENDED 31ST DECEMBER	2024 Rs.	2023 Re-stated Rs.
Postgraduate Programme - (PG)		
Course Fee	114,790,519	85,141,087
Application Fee	3,000	-
M. Phil Registration Fee	1,487,200	240,000
PhD Fee	330,000	420,000
Repeat Examination Fee	1,961,725	1,234,750
Re Registration fee	2,547,000	3,330,500
Project Repeat Fee	120,000	-
M.Sc. Renewal Fee	630,000	540,000
Verification Fee	1,434,442	1,805,267
Transcript Fee	454,635	843,374
Other Fee	111,000	1,735,940
Subtotal	123,869,521	95,290,919

External Degrees Centre - (EDC)		
Registration Fee	59,624,335	50,458,711
Surcharge Fee	79,135	-
Examination Fee	117,632,615	55,587,888
Application Fee	12,938,269	12,891,525
Project Fee	3,030,699	826,117
DIT Fee	4,685,750	6,330,000
HDIT Fee	1,574,250	4,620,250
Registration of Institutes	-	40,000
Renewal of Institute Registration	508,567	280,000
Degree Fee	2,867,352	4,380,700
Transcript Fee	1,119,845	70,550
Verification Fee	2,004,312	1,351,166
Other Fee	138,205	899,970
Subtotal	206,203,334	137,736,879
Computing Services Centre - (CSC)		
Course Fee	21,375,274	11,393,726
Exam-related Income	75,000	325,125
Consultancy Income	1,558,650	2,238,147
Hall Charge	-	48,000
Workshop fee	192,000	-
Miscellaneous Income	550	8,300
Subtotal	23,201,474	14,013,298
eLearning Centre - (eLC)		
FIT Registration Fee	5,299,718	5,031,750
FIT Exam Fee	11,238,300	13,185,250
FIT Certificate Fee	21,500	-
e Test Income	-	1,600
GCAT Income	3,175,009	2,061,806
LMS Maintenance Fee	2,270,000	4,752,400
e Learning Service Income	1,254,000	1,827,425
HETC Project Income	-	-
Subtotal	23,258,527	26,860,231

Advanced Digital Media Technology Centre - (ADMTC)

Course Fee	6,930,000	3,110,500
Service Income	126,900	95,000
Auditorium/Rooftop/Board Room Hiring	615,546	889,048
Miscellaneous Income	400	100
Subtotal	7,672,846	4,094,648
Grand Total of the Revenue from Extension Programme	384,205,702	277,995,974

FOR THE YEAR ENDED 31ST DECEMBER**2024
Rs.****2023 Re-stated
Rs.****NOTE 31 - REVENUE FROM PROJECTS****Common Projects****Revenue from Project Grants**

Language Technology Research Laboratory Programme (LTRL)	40,640	240,336
Master of Cyber security: Distance Master Program in Cyber security(Cyber) Project	795,518	531,031
International Elephant Project (IEP) - ELOC	-	86,774
Swedish Research Link Project	933,086	872,887
IIOE Course Co-development Project	2,197,294	656,961
Dialog 5 G Project	-	240,000
Sanasa Grant	1,155,000	1,387,800
TA Boot Grant	-	445,263
KTH Grant	2,339,732	2,777,690
Subtotal	7,461,270	7,238,743

ICTer Conference

Conference Registration Fee		
Sponsorship Fee	4,103,667	3,418,451
Subtotal	3,635,000	9,070,000

Grand Total of the Revenue from Projects**7,738,667****12,488,451**

<i>FOR THE YEAR ENDED 31ST DECEMBER</i>	2024 Rs	2023 Re-stated Rs
NOTE 32 - PERSONAL EMOLUMENTS		
Salaries and Wages	134,295,402	134,805,608
Other Allowance	2,399,998	2,101,567
Academic Allowance	101,139,890	79,528,331
Special Allowance	19,029,487	19,006,031
Research Allowance	21,551,217	20,228,548
Cost of Living Allowance	34,036,236	17,137,842
Overtime & Holiday Pay	1,838,044	2,797,891
Monthly Compensation Allowance (MCA)	18,055,533	18,604,003
Monthly Allowance	10,349,321	10,985,796
TOTAL	342,695,128	305,195,617
NOTE 33 - TRAVELING EXPENSES		
Traveling Expenses – Local	168,887	149,502
Travelling Expenses- Foreign	209,390	-
TOTAL	378,277	149,502
NOTE 34 - SUPPLIES		
	-	
Stationery & Office Requisites	10,460,310	6,992,882
Fuel & Lubricants	1,745,600	1,942,736
Uniforms & Tailoring Charges	14,400	189,371
Mechanical & Electrical Goods	1,823,374	2,259,373
TOTAL	14,043,684	11,384,362
NOTE 35 - CONTRACTUAL SERVICES		
Maintenance – Vehicles	547,497	705,795
Maintenance - Plant Machinery and Equipment	7,005,475	10,061,195
Maintenance - Buildings & Structures	1,532,972	1,145,579
Maintenance – Other	409,124	786,750
Communication Services	11,009,788	11,082,719
Electricity Services	32,611,006	33,017,763
Printing & Advertising	1,682,074	1,384,400
Cleaning Services	12,784,406	6,908,117
Security Services	2,687,858	2,543,151
Water	1,077,638	853,654
Insurance & License	444,717	692,293
TOTAL	71,792,554	69,181,416

<i>FOR THE YEAR ENDED 31ST DECEMBER</i>	2024 Rs	2023 Re-stated Rs
NOTE 36 - RETIREMENT BENEFITS		
University Provident Fund	30,803,458	25,988,464
Employees' Trust Fund	8,606,659	7,397,441
Employees' Provident Fund	148,674	174,138
Pension	12,040,015	10,800,700
Gratuity	26,001,123	27,075,924
TOTAL	77,599,928	71,436,666
NOTE 37 - OTHER RECURRENT EXPENDITURE		
Holiday Warrant & Season Tickets	825,200	877,630
Special Services	5,589,853	2,203,713
Committee & Council	837,000	750,000
News Papers & Periodicals	-	560
Student Welfare	-	106,490
Audit Fees	750,000	1,837,933
Entertainment Expenses	2,833,078	2,786,797
Hostel –Expense	994,137	806,208
Hostel –Rent	2,853,750	2,927,250
Visiting Lecture Fee	396,000	333,000
Rates & Taxes	24,045	6,896
Subscriptions, Contributions, & Membership Fee	31,439	78,262
Staff Development	306,000	1,734,500
Property Loan Interest	167,081	168,690
Bank Charges	22,645	13,096
Bank Commission Charges	53,853	46,600
Examination Expenses	5,131,254	5,847,041
Awards & Indemnities	140,000	392,500
Convocations	-	280,800
Inauguration	-	402,450
Corporate Planning, Governance	305,950	99,943
Quality Assurance	-	377,325
Social Security Contribution Levy	151,130	333,210
Postal Charges	161,311	251,824
TOTAL	21,573,726	22,662,717

NOTE 38 - EXPENDITURE OF EXTENSION PROGRAMME**Postgraduate Programme - (PG)**

Salaries & Wages	327,845	455,592
Monthly Allowance	60,000	-
Cost of Living Allowance	198,600	-
Traveling	74,210	55,181
Stationery & Other supplies	248,601	193,372
Printing & Advertising	106,639	80,248
Equipment Maintenance	-	13,999
Employees' Provident Fund	3,927	46,884
Employees' Trust Fund	15,793	11,721
University Provident Fund	74,058	-
Expenses for Academic Activities	33,581,091	31,109,444
Payment for Staff Involvements	2,724,079	2,723,048
Refreshment	2,458,753	1,687,643
Social Security Contribution Levy	3,071,948	2,358,466
Other Overhead Expenses	191,716	84,590
Subtotal	43,137,258	38,820,188

External Degrees Centre - (EDC)

Salaries & Wages	2,786,651	449,032
Overtime	217,944	378,251
Monthly Allowance	96,261	-
Cost of Living Allowance	342,930	-
Traveling	27,822	31,320
Stationery & Other supplies	2,358,024	1,996,073
Plant Machinery & equipment	64,610	-
Communication	159,067	130,377
Printing & Advertising	19,124	824,780
Employees' Trust Fund	41,494	-
Employees' Provident Fund	207,469	-
Expenses for Academic Activities	32,202,685	34,146,377
Refreshments	470,384	214,762
Payment for Indirect Staff Involvements	1,352,455	1,557,161
Other Overhead Expenses	7,637,953	3,778,002
Subtotal	47,984,872	43,506,135

Computing Services Centre - (CSC)

Co-ordinator Allowance	93,750	-
Traveling	-	3,180
Stationery & Other supplies	86,694	200,792
Communication & Postage	106,710	105,037
Printing & Advertising	25,600	8,390
Expenses for Academic Activities	11,992,533	6,499,165
Refreshments	402,171	727,498
Exam Related Expenses	44,500	25,000
Other Overhead Expenses	1,572,895	1,662,292
Social Security Contribution Levy	526,358	395,087
Subtotal	14,851,212	9,626,440

eLearning Centre - (eLC)		
Salaries & Wages	2,511,237	708,386
Monthly Allowance	317,338	97,417
Cost of Living Allowance	1,110,058	151,970
Traveling	13,580	20,910
Stationery & Other supplies	14,234	42,900
Communication Expenses	261,405	255,313
Printing Charges	-	3,690
Employees' Trust Fund	108,639	25,811
University Provident Fund	543,194	129,053
e Test Expenses	1,597,853	2,140,957
GCAT & GCCT Expenses	553,410	213,090
Coordinator Fee	82,560	82,560
Advertisement Expenses	-	6,664
Other Expenses	-	1,059
Refreshments	331,782	460,680
BIT Learning Content Expenses	746,500	313,800
e Learning Service Expenses	535,467	54,690
Social Security Contribution Levy	583,169	481,273
Bank Charges	31,800	17,450
Subtotal	9,342,226	5,207,674
Advanced Digital Media Technology Centre - (ADMTC)		
Salaries & Wages	801,240	-
Monthly Allowance	80,000	-
Cost of Living Allowance	284,800	-
University Provident Fund	162,906	-
Employees' Trust Fund	32,581	-
Traveling	420	2,424
Stationery & Office Requisites	133,540	54,100
Telephone & Internet Charges	19,069	18,810
Printing	5,600	5,040
Advertising	51,238	26,757
Refreshments	235,322	77,822
Payment to Staff	3,752,350	2,851,625
Coordinator Fee	82,560	82,560
Machanical & Electrical Goods	2,500	4,350
Plant Machinery & Equipment	-	327,750
Social Security Contribution Levy	152,944	114,936
Other Expenses	34,959	3,175
Subtotal	5,832,029	3,569,349
Grand Total of the Expenditure for Extension Programme	121,147,598	100,729,785

NOTE 39 - EXPENDITURE FOR PROJECTS**Common Projects**

Language Technology Research Laboratory Programme (LTRL)	40,640	240,336
Master of Cybersecurity:Distance Master Program in Cybersecurity(Cyber) Project	795,518	531,031
International Elephant Project (IEP) – ELOC	-	86,774
Swedish Research Link Project	933,086	872,887
IIOE Course Co-development Project	2,197,294	365,961
Dialog 5G Project	-	240,000
Sanasa Expenses	1,155,000	756,000
TA Boot Expenses	-	445,263
KTH Expenses	1,962,244	1,979,230
WHT on Interest	95,276	163,803
Other Expenses	-	1,474
Exchange Loss	3,279,801	995,617
Subtotal	10,458,859	6,678,377

ICTer Conference

Stationary	7,356	45,025
Conference Expenses	7,123,186	12,491,256
Bank Charges	6,206	3,846
Social Security Contribution Levy	-	160,635
Subtotal	7,136,748	12,700,763

Grand Total of the Expenditure for Projects	17,595,607	19,379,140
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NOTE 40 - DEPRECIATION AND AMORTIZATION

Furniture & Fittings	7,371,373	6,882,807
Laboratory, Studio & Teaching Equipment	6,646,688	6,092,770
Office Equipment	19,784,154	16,240,459
Electricity Connection	2,402,335	2,402,335
Water Supply System	2,280,840	2,280,840
Computer & Network Equipment	27,062,396	27,428,124
Electrical & Maintenance Equipment	1,224,764	722,194
Library Books and Periodicals	5,676,020	5,642,366
Vehicles	2,290,000	2,290,000
Buildings	68,445,206	67,042,969
	143,183,777	137,024,864
Software Amortization	12,848,529	12,165,740
Total	156,032,306	149,190,604

**7. UCSC
HIGHLIGHTS 2024
– VISIBILITY,
EVENTS AND
ACTIVITIES**

7. UCSC HIGHLIGHTS 2024 – VISIBILITY, EVENTS AND ACTIVITIES

The UCSC Web site is the main portal to communicate the key highlights of the institute. In 2024, UCSC web site has further improved considering the main theme of the University of Colombo. It has a dual-domain URL, namely <http://www.ucsc.cmb.ac.lk> and <http://www.ucsc.lk>. All major activities and events taken place monthly are informed to the Board of Management and the Senate of the University of Colombo to maintain the visibility of progress and issues of institutes. The UCSC website is also linked with social networks to update the activities of the organization to the public. Following table shows the key highlights of 2024 with respect to each month.

7.1. MONTHLY HIGHLIGHTS - ACTIVITIES, EVENTS, AND PROGRAMMES

Month	Activities
January, 2024	• New Year celebration on 1st January with the staff of the UCSC • Vani Vizha was organized for 3rd January by the UCSC student union • Training Course on AutoCAD Batch 01-2024 was commenced on 3rd January with 28 students [CSC] • Postgraduate Convocation 2022 was held from 10-12th January at the BMICH • Training Course on MERN Stack Batch 01- 2024 was commenced on 21st January with 25 students [CSC] • UCSC Career Fair was held on 24th January at the UCSC premises and 27 IT companies were participated the event • Training Course on Software Quality Assurance Using Test Automation Frameworks Batch II-2023 was concluded and awarded 23 certificates on 27th January[CSC] • Other Activities • Master's programme Semester 1/2/3 examinations and processing of final round selections were conducted during the month[EXAM/PRP]
February, 2024	• 10th February Inauguration - New batch of Masters Programme [PRP] • 10th February Commencement of 1st & 3rd Semesters Lectures of Masters Programme [PRP] • 10th February Training Course on Training course on MERN Stack Batch II-2023 was concluded and awarded 27 certificates [CSC] • 13th February MPhil Proposal Defense [PRP & EXAM] • 17th February BIT Semester I examination was held in Colombo, Galle, Jaffna and Kandy [EXAM/EDC] • 17th February Training Course on MERN Stack Batch II- 2024 was commenced with 25 students [CSC] • 17th February Training Course on Graphic Design & Creativity Development Batch III-2023 was concluded and awarded 23 certificates [ADMTC] • 18th February BIT Semester I examination was held in Colombo, Galle, Jaffna and Kandy [EXAM/EDC]

	• 18th February Training Course on Advanced Multimedia Web Design & Development Techniques Batch I-2024 was commenced with 34 students [ADMTC] • 24th February BIT Semester III examination was held in Colombo [EXAM/EDC] • 25th February BIT Semester IV examination was held in Colombo [EXAM/EDC] • 27th February Industry Consultative Academia Board was conducted with the participation of more than 20 industry representatives [APW] • Conducted FIT e-test [ELC]
March, 2024	• 2nd March Training course on Software Quality Assurance Using Test Automation Frameworks Batch I -2024 was commenced with 29 students [CSC] • 2nd March BIT Semester V exams were held in Colombo [EXAM/EDC] • 3rd March Training Course on AutoCAD Batch I- 2024 was concluded and awarded 28 certificates [CSC] • 3rd March BIT Semester V exams were held in Colombo [EXAM/EDC] • Released FIT results on 5th March and 20 students qualified to read BIT [eLC] • Training course on Python Fundamentals Batch I- 2024 was commenced on 9th March with 31 students [CSC] • Training course on Java Application Development using JavaSE Batch I -2024 was commenced on 10th March with 26 students [CSC] • Training course on Data Science with Python Batch I- 2024 was commenced on 10th March with 27 students [CSC] • Training Course on AutoCAD Batch II- 2024 was commenced on 17th March with 26 students [CSC] • Training course on MERN Stack Batch I -2024 was concluded and awarded 22 certificates on 17th March [CSC] • Semester 2 examinations of the undergraduate programmes commenced from 18th March[EXAM] • Calling for application for the Master of Cybersecurity program was on 18th March [PRP] • Calling for applications for the Master programs-MCS/MIT/MIS/MBAnalytics initiated from 26th March [PRP]
April, 2024	• Master of Cybersecurity Round 02 advertisement and Masters of MCS/MBA/MIS/MIT Round 01 advertisement were published on 5th April [PRP] • Released FIT results on 5th April and 20 students qualified to read BIT [eLC] • Training course on MERN Stack Batch III-2024 was commenced on 7th April with 21 students [CSC] • Completed the undergraduate semester 2 examination of the UCSC academic year 20 on 9th April [EXAM] • Received registered student lists for Information systems/ Computer Science Degree programmes on 24th April for academic year 2022/2023 from the UGC [EXAM] • Results of BIT Semester 1 AY2023 was released on 24th April [EXAM] • Sent invitation on 25th April to the new students of Information systems/ Computer Science Degree programmes for enrollment [EXAM] • Training course on MERN Stack Batch II-2024 was concluded and awarded 23 certificates on 27th April [CSC] • Advanced Multimedia Web design & development techniques was concluded and awarded 34 certificates on 28th April [ADMTC]

May, 2024	• ACM SC AGM and Election was held on 2nd • Hon Minister Kanaka Herath, Minister of Technology visited the UCSC on 3rd • Training course on Software Quality Assurance Using Test Automation Frameworks Batch I-2024 was concluded on 4th and awarded 23 certificates [CSC] • Conducted Postgraduate selection test (GCAT & GCCT) [ELC] – 5th • Undergraduate Registration A/Y 2022/2023 was held on 6th [EXAM] • Training course on Python Fundamentals Batch I -2024 was concluded on 11th and awarded 31 certificates [CSC] • Training Course on Graphic Design & Creativity Development Batch I-2024 was concluded on 11th and awarded 34 certificates [ADMTC] • Training course on AutoCAD Batch II-2024 was concluded on 12th and awarded 24 certificates [CSC] • Training course on Data Science with Python Batch I-2024 was concluded on 12th and awarded 24 certificates [CSC] • Training course on Java Application Development using JavaSE Batch I-2024 was concluded on 19th and awarded 26 certificates [CSC] • Undergraduate Orientation Programme A/Y 2022/2023 was conducted • Conducted FIT e-test [ELC]
June, 2024	• Training course on MERN Stack Batch IV-2024 was commenced on 1st [CSC] • Training course on AutoCAD Batch III-2024 was commenced on 2nd [CSC] • Undergraduate Inauguration Ceremony A/Y 2022/2023 was held on 3rd • Undergraduate Academic commencement on 3rd for 1st, 2nd & 4th years • Released FIT e-test results on 6th and 46 students were qualified FIT [ELC] • Conducted Postgraduate selection test on 8th (GCAT & GCCT) [ELC] • Training Course on Java Application Development using JavaSE Batch II commenced on 9th [CSC] • Undergraduate Academic commencement on 10th for 3rd year • Training course on Software Quality Assurance Using Test Automation Frameworks Batch II-2024 was commenced on 15th [CSC] • Training Course on Graphic Design & Creativity Development Batch II was commenced on 15th [ADMTC] • Training course on MERN Stack Batch III-2024 was concluded on 23rd and awarded 18 certificates [CSC] • UCSC Insight Day was on 24th • Blood Donation Campaign held on 26th • Freshers' Welcome on 29th • Training course on Data Science with Python Batch II was commenced on 29th [CSC] • ACM Monthly Meetup on 30th
July, 2024	• Hold semester 6 examinations of the BIT Programme [AY2023] in Colombo [EDC/EXAM] on 6th & 7th • Conducted Postgraduate selection test (GCAT & GCCT) on 6th [ELC] • Intellihack (IEEE CS chapter) on 13th July • Hold semester 4 examinations of the BIT Programme [AY2023] in Colombo [EDC/EXAM] on 13th & 14th

	• Training course on MERN Stack Batch V and Training course on Python Fundamentals Batch II commenced on 14th July [CSC] • Training course on AutoCAD Batch III-2024 was concluded on 21st July and awarded 28 certificates [CSC] • Hold semester 2 examinations of the BIT Programme [AY2023] in Colombo/Kandy/Galle and Jaffna on 27th – 28th July [EDC/EXAM] • Training Course on AutoCAD Batch IV- 2024 commenced on 28th of July [CSC] • Conducted FIT e-test [ELC]
August, 2024	• Training course on MERN Stack Batch IV-2024 was concluded on 10th and awarded 27 certificates [CSC] • Training course on Java Application Development using JavaSE Batch II - 2024 was concluded on 11th and awarded 29 certificates [CSC] • Releasing the results of Masters Project/Independence Studies on 13th [EXAM] • O/L students of Godapitiya Central College visited on 14th to see the UCSC Museum • Conducted Postgraduate selection test on 17th (GCAT & GCCT) [ELC] • Training course on Software Quality Assurance Using Test Automation Frameworks Batch II-2024 was concluded on 17th and awarded 29 certificates • AGM of ISACA was held on 21st • AGM of Rekha was held on 21st • IEEE WIE – CodeSphere was on 22nd • Published the pass list of 2018/2019 [4 year honours] and 2019/2020 [3 year] degree of Information Systems and Computer Science degree programmes on 23rd [EXAM] • Training course on Graphic Design & Creativity Development Batch II-2024 was concluded on 24th and awarded 23 certificates [ADMTC] • Open Call for applications on 26th for Prof. V.K. Samaranayake Memorial Award for the Most Outstanding Student of the UCSC - 2023 and Open Awards of University of Colombo – 2023 [EXAM] • Released FIT e-test results on 30th and 101 students qualified FIT [ELC] • Inauguration ceremony of Master of Cybersecurity was held on 31st [PRP] • Training course on Data Science with Python Batch II-2024 was concluded on 31st of August, 2024 and awarded 19 certificates [CSC] • Started 2nd & 4th Semesters lecturers of Master Programmes on 31st [PRP] • Student registration of BIT programme was conducted for the year 2024 [EDC] • Continuation of Semester 1,2,3 Examinations of the Masters Degree Programmes [EXAM] • Conducted FIT e-tests [ELC] • Selection Interviews for Masters programmes were held- MCS, MIT, MIS & MB Analytics [PRP] • Infiniteloop 2.0 event organized by the IEEE Student Branch • Conducted ReidXtreme Workshops by IEEE Student Branch
September, 2024	• Techday workshop was conducted by IEEE on 1st • Training course on Python Fundamentals Batch II was concluded on 1st and awarded 23 certificates [CSC] • Training course on MERN Stack Batch V-2024 was concluded on 1st and awarded 21 certificates [CSC] 1st • Intro session was conducted by ACM SC on 2nd • Students of Royal College visited to see the UCSC on 4th • Intro session conducted by ACM SCon 5th

	• ReidXtreme event conducted by ACM SC on 7th • ReidXtreme event conducted by ACM SC on 8th • Training course on Advanced Multimedia Web Design and Development Techniques 2024 Batch III commenced on 8th with 21 students [ADMTC] • Released pass lists of the Master Degree Programmes on 10th [PRP & EXAM] • Cloud computing workshop was conducted by IEEE WIE on 11th • Released the results of Level I (Semester II) - 2023 Examinations on 13th Sep of the BIT External Degree Programme [EXAM] • Training course on Software Quality Assurance Using Test Automation Frameworks Batch III was commenced on 14th with 30 students [CSC] • Training Course on AutoCAD Batch IV- 2024 was concluded on 15th and awarded 18 certificates [CSC] • Dr. Ajantha Atukorale, Prof. Kasun de Zoysa, Dr. Chamath Keppitiyagama, Mr. Viraj Welgama and Mr. Prageeth Madushanka participated to oversee the release of Presidential Election 2024 results to the media on 21st • Commenced semester 1 examinations of the Undergraduate degree programmes (AY21) on 25th [EXAM] • Released FIT e-test results on 26th and 75 students qualified to read BIT [eLC] • Conducted Postgraduate Selection Test (GCAT & GCCT) on 29th [eLC] • BIT registrations- registered 2655 students for new intake of the academic year 2024 (EDC) • Conducted FIT e-test during the month[eLC]
October, 2024	• BIT Level II (Semester 4) Results-2023 Released on 1st [EXAM] • Piloting the Course on "Video-based Learning Content Development for e-Learning and b-Learning" - Delivered via iioe.org [IIOE Project/ELC] on 1st • Hold General Convocation 2023 on 4th and 322 UCSC students awarded degrees • Training course on Graphic Design & Creativity Development (2024-03) commenced on 5th with 21 students (ADMTC) • BIT Level III (Semester 6) Results– 2023 Released on 10th [EXAM] • Released the pass list of Master of Science in Computer Science Degree 2023 [EXAM] 10th • Published selected students list for the "Faculty Award for Best Performing Students" and the "Director's List" of Academic Year 20 on 26th October [EXAM] • Conducted Postgraduate Selection Test (GCAT & GCCT) on 27th [eLC] • Training course on Python Fundamentals Batch 03-2024 was commenced on 27th with 25 students [CSC] • Concluded semester 1 examinations of the undergraduate programme [AY21] on 30th October[EXAM]
November, 2024	• Training course on Data Science with Python Batch III-2024 commenced on 2nd with 25 students [CSC] • Published the Pass lists of BIT, HDIT and DIT of 2023 on 4th[EXAM] • Piloting the Course on "Video-based Learning Content Development for e-Learning and b-Learning" - Delivered via iioe.org [IIOE Project] on 5th • Commenced the Second Semester of Undergraduate programmes on 18th • Piloting the Course on "Video-based Learning Content Development for e-Learning and b-Learning" - Delivered via iioe.org [IIOE Project] on 19th • Training course on Software Quality Assurance Using Test Automation Frameworks Batch III was concluded on 23rd and awarded 29 certificates [CSC] • Conducted Postgraduate Selection Test (GCAT & GCCT) on 24th [eLC]

	• Training course on Advanced Multimedia Web Design & Development Techniques Batch III was concluded on 24th [ADMTC]
December, 2024	• UCSC has won 2 awards for UCSC Annual Report 2023 on 2nd at the competition for Best Annual Report and Accounts 2023 organized by the Association of Public Finance Accountants of Sri Lanka (APFA) ○ Overall Bronze Award in the Central Government Sector ○ Bronze Award in the Public Sector-Universities category • Hold Undergraduate Group Project II final evaluations on 4th [EXAM] • 5th & 6th December hold the Postgraduate Convocation 2023 • Master's student selection Interview was held on 8th (MCS,MIT,MIS,MBAnalytics)[PRP] • A one-day workshop was held on 12th December, Next-Gen Translation: Empowering Translators with AI and Technology for the Translators Department of Official Language and awarded 31 certificates [LTRL/CSC] • UCSC Annual Report 2023 has won Certificate of Compliance under Education Sector at the TAGS Awards 2024 Ceremony on 12th • Closing ceremony was held on 13th - Piloting the Course on "Video-based Learning Content Development for e-Learning and b-Learning" - Delivered via iioe.org [IIOE Project] • Conducted FIT practical Test on 17th & 18th December [ELC] • Diploma Awards Ceremony of the Bachelor of Information Technology (External Degree) Programme was conducted on 21st. 849 Awardees were awarded the Diploma in Information Technology [EDC/EXAM] • Conducted Postgraduate Selection Test on 21st December (GCAT & GCCT) [eLC] • Higher Diploma Awards Ceremony and Convocation of the Bachelor of Information Technology (External Degree) Programme were conducted on 22nd December. 120 Awardees were awarded the Higher Diploma in Information Technology and 141 Graduates were conferred the Degree of Bachelor of Information Technology [EDC/EXAM] • Applications for the BIT Semester 1, 3 and 5 Examinations were called in on 23rd December for the academic year 2024 [EDC] • Training course on Python Fundamentals-Batch III-2024 was concluded on 29th December and awarded 22 certificates [CSC] • Hold undergraduate examination board to release the results of semester 1 examinations held in October 2024

8. AUDIT REPORT

8. AUDIT REPORT

HED/B/UCSC/2024/FA/03

Dated, May 2025

Director,
University of Colombo School of Computing.

Report of the Auditor General on the Financial Statements of the University of Colombo School of Computing for the year ended 31 December 2024 and Other Legal and Regulatory Requirements in terms of the Section 12 of National Audit Act No. 19 of 2018

1. Financial Statements

1.1 Opinion

The audit of financial statements of University of Colombo School of Computing for the year ended 31 December 2024 comprising the statement of financial position as at 31 December 2024 and the statement of financial performance, statement of equity changes and cash flow statement for the year then ended, and relevant notes to the financial statements, including the summary of significant accounting policies, was carried out under my direction in pursuance of Provisions of the Article 154 (1) of Constitution of Democratic Socialist Republic of Sri Lanka read in conjunction with Section 17 of the University of Colombo School of Computing Regulations No. 01 of 2003, enacted under Section 107(5) and Section 18 of the Universities Act No. 16 of 1978, and Section 108(1) of the Universities Act, and the National Audit Act No 19 of 2018. My report to Parliament in pursuance of provisions in Article 154(6) of the Constitution will be tabled in due course.

In my opinion, the financial statements give a true and fair view of the financial position of the Institute as at 31 December 2024, and of its financial performance and its cash flow for the year ended in accordance with Sri Lanka Public Sector Accounting Standards.

1.2 Basis for Opinion

I conducted my audit in accordance with Sri Lanka Auditing Standards (SLAuSs). My responsibilities under those Standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of my Report. I believe that the audit evidence I have obtained is sufficient and appropriate to provide a basis for my opinion.

1.3 Other information included in the 2024 Annual Report of the Institute

The other information comprises the information included in the Institute's 2024 Annual Report but does not include the financial statements and my auditor's report thereon, which I have obtained prior to the date of this auditor's report. Management is responsible for the other information.

My opinion on the financial statements does not cover the other information and I do not express any form of assurance conclusion thereon.

In connection with my audit of the financial statements, my responsibility is to read the other information identified above and, in doing so, consider whether the other information is materially inconsistent with the financial statements or my knowledge obtained in the audit or otherwise appears to be materially misstated.

If based on the work I have performed on the other information that I have obtained prior to the date of this auditor's report, I conclude that there is a material misstatement of this other information, I am required to report that fact. I have nothing to report in this regard.

1.4 Responsibilities of Management and Those Charged with Governance for the Financial Statements

Management is responsible for the preparation of Financial Statements that gives a true and fair view in accordance with Sri Lanka Public Sector Accounting Standards, and for such internal control as the management determine is necessary to enable the preparation of Financial Statements that are free from material misstatements, whether due to fraud or error.

In preparing the financial statements, management is responsible for assessing the Institute's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless management either intends to liquidate the Institute or to cease operations, or has no realistic alternative but to do so.

Those charged with governance are responsible for overseeing the Institute's financial reporting process.

As per Sub-section 16(1) of the National Audit Act, No. 19 of 2018, the Institute is required to maintain proper books and records of all its income, expenditure, assets and liabilities, to enable annual and periodic financial statements to be prepared of the Institute.

1.5 Responsibility of Auditor on audit of Financial Statements

My objective is to provide a fair assurance on the financial statements that they are free from material misstatements whether due to fraud or error as a whole and to issue the Auditor's Report comprising my opinion. Although fair assurance is a high quality assurance, it does not confirm that it would always expose quantitative misstatements when auditing is implemented in accordance with Sri Lanka Audit Standards. It is expected that individual or collective impact of fraud or error may result in material misstatements and it may have an effect on the economic decisions taken by the users based on these financial statements.

As part of an audit in accordance with Sri Lanka Auditing Standards, I exercise professional judgment and maintain professional skepticism throughout the audit. I also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for my opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.
- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the internal control.
- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the management.
- Conclude on the appropriateness of the management's use of the going concern basis of accounting and based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Institutes' ability to continue as a going concern. If I conclude that a material uncertainty exists, I am required to draw attention in my auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify my opinion. However, future events or conditions may cause to cease to continue as a going concern.
- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements

represent the underlying transactions and events in a manner that achieves fair presentation.

I communicate with those charged with governance regarding, among other matters, significant audit findings, including any significant deficiencies in internal control that I identify during my audit.

2. Report on Other Legal and Regulatory Requirements

- 2.1 National Audit Act, No. 19 of 2018 includes specific provisions for following requirements.
 - 2.1.1 I have obtained all the information and explanation that required for the audit and as far as appears from my examination, proper accounting records have been kept by the Institute as per the requirement in section 12 (a) of the National Audit Act, No. 19 of 2018.
 - 2.1.2 The Institutes' financial statements presented is consistent with the preceding year as per the requirement of section 6 (1) (d) (III) of the National Audit Act, No. 19 of 2018.
 - 2.1.3 The financial statements presented includes the recommendations made by me in the previous year as per the requirement of section 6 (1) (d) (IV) of the National Audit Act, No. 19 of 2018.
- 2.2 Based on the procedures performed and evidence obtained were limited to matters that are material, nothing has come to my attention enough to make the following statements;
 - 2.2.1 To state that any member of the governing body of the Institute has any direct or indirect interest in any contract entered into by the University which is out of the normal cause of business as per the requirement of section 12 (d) of the National Audit Act, No. 19 of 2018.
 - 2.2.2 To state that the Institute has not complied with any applicable written law, general and special directions issued by the governing body of the Institute as per the requirement of section 12 (f) of the National Audit Act, No. 19 of 2018 except for;

	Reference to Laws, Rules/Direction	Observation
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(a)	Paragraph 03 (viii) of National Budget Circular No. 03/2022 dated 26 April 2022	Although Welfare programs, development assistance or subsidies which does not have the approval of the Cabinet of Ministers have been suspended, a sum of Rs.46,133,315 had been allocated for 02 Employee Welfare Funds from the year 2022 to the end of the year under review.
(b)	Paragraph 5 of the circular letter No. BD/HRD/126/214/19/2023 dated 18 January 2023 addressed to the Secretary, Ministry of Education by the Secretary, Treasury.	Although the funds recovered from lecturers who breached bonds should not be used for other purposes but should be credited to the state revenue, a sum of Rs. 2,440,110 recovered from a lecturer who breached bond during the year under review had not been remitted to the Treasury.
(c)	State Accounts Circular No. 30/94 dated 20 April 1994 and the letter of the Director General of the Department of External Resources No. SC & PMU /Grant/ 19 dated 25 July 2019	Although all the transactions related to foreign aid should be carried out with the knowledge and concurrence of the Department of External Resources of the Treasury, the institution had taken actions to directly receive foreign grants total amounting Rs.13,219,406 received for 04 projects/research/consultancy services in the year 2024 without the approval of the Treasury.

2.2.3 To state that Institute has not performed according to its powers, functions and duties as per the requirement of section 12 (g) of the National Audit Act, No. 19 of 2018.

2.2.4 To state that the resources of the Institute had not been procured and utilized economically, efficiently and effectively within the time frames and in compliance with the applicable laws as per the requirement of section 12 (h) of the National Audit Act, No. 19 of 2018.

2.3 Other Matters

Although total sum of Rs.1,881,302 due from a lecturer who left the service after breaching the bonds by the end of the year under review. But the necessary action had not been taken to recover from the guarantors, even though a period of 07 years had passed.

G.H.D. Dharmapala

Auditor General (Acting)

Answers for the Report of the Auditor General on the Financial Statements of the University of Colombo School of Computing for the year ended 31 December 2024 and Other Legal and Regulatory Requirements in terms of the Section 12 of National Audit Act No. 19 of 2018

3. Financial Statements

1.1 Opinion

Noted.

1.2 Basis for Opinion

Noted.

1.3 Other information included in the 2024 Annual Report of the Institute

Noted.

1.4 Responsibilities of Management and Those Charged with Governance for the Financial Statements

Noted.

1.5 Responsibility of Auditor on audit of Financial Statements

Noted.

4. Report on Other Legal and Regulatory Requirements

Audit Observation	Answer
2.1 National Audit Act, No. 19 of 2018 includes specific provisions for following requirements.	Noted.
2.1.1 I have obtained all the information and explanation that required for the audit and as far as appears from my examination, proper accounting records have been kept by the Institute as per the requirement in section 12 (a) of the National Audit Act, No. 19 of 2018.	Noted.

2.1.2 The Institutes' financial statements presented is consistent with the preceding year as per the requirement of section 6 (1) (d) (III) of the National Audit Act, No. 19 of 2018.	Noted.
2.1.3 The financial statements presented includes the recommendations made by me in the previous year as per the requirement of section 6 (1) (d) (IV) of the National Audit Act, No. 19 of 2018.	Noted.
2.2 Based on the procedures performed and evidence obtained were limited to matters that are material, nothing has come to my attention enough to make the following statements.	Noted.
2.2.1 To state that any member of the governing body of the Institute has any direct or indirect interest in any contract entered into by the University which is out of the normal cause of business as per the requirement of section 12 (d) of the National Audit Act, No. 19 of 2018.	Noted.
2.2.2 To state that the Institute has not complied with any applicable written law, general and special directions issued by the governing body of the Institute as per the requirement of section 12 (f) of the National Audit Act, No. 19 of 2018 except for.	Noted
(a) Paragraph 03 (viii) of National Budget Circular No. 03/2022 dated 26 April 2022 Observation Although Welfare programs, development assistance or subsidies which does not have the approval of the Cabinet of Ministers have been suspended, a sum of Rs.46,133,315 had been allocated for 02 Employee Welfare Funds from the year 2022 to the end of the year under review.	Only a sum of Rs.18,878,453.50 has been allocated from self-study income during the year for the two welfare funds mentioned in the audit report for the Medical Benefit Scheme and Employee Welfare. Although the above-mentioned employee welfare allocation is referred to by that name, that allocation also applies to the allocation made for employee development and training activities. Both of the above allocations are allocations under UCSC Development Funds and are not funds.
(b) Paragraph 5 of the circular letter No. BD/HRD/126/214/19/2023 dated 18 January	According to the University Grants Commission Financial Circular Letter No. 05/2023,

2023 addressed to the Secretary, Ministry of Education by the Secretary, Treasury. Observation Although the funds recovered from lecturers who breached bonds should not be used for other purposes but should be credited to the state revenue, a sum of Rs. 2,440,110 recovered from a lecturer who breached bond during the year under review had not been remitted to the Treasury	funds recovered from breach of bonds should be used to cover the air ticket fees payable by the academic staff of the institution when they travel abroad for postgraduate studies or sabbatical leave, up to a maximum of Rs. 750,000.00 per member. Accordingly, to ensure the existence of funds within the institution required to fulfill the requirements of the above circular, the funds recovered from the lecturers who breached their bonds during the year were credited to the Bond Value Recovery Vote. Accordingly, since provisions have been made in the circular letter to make the relevant payments, it is not possible to return that money to the Treasury.
(c) State Accounts Circular No. 30/94 dated 20 April 1994 and the letter of the Director General of the Department of External Resources No. SC & PMU /Grant/ 19 dated 25 July 2019 Observation Although all the transactions related to foreign aid should be carried out with the knowledge and concurrence of the Department of External Resources of the Treasury, the institution had taken actions to directly receive foreign grants total amounting Rs.13,219,406 received for 04 projects/research/consultancy services in the year 2024 without the approval of the Treasury	Agreed with the mentioned observations based on the information presently available at the Postgraduate Research and Projects Division of the University of Colombo School of Computing (UCSC). As per the decision taken at the 74 Audit Committee meeting of the institute of UCSC, necessary action will be taken to aware the Department of External Resources of the Treasury when obtaining new foreign grants. Accordingly, necessary actions are currently being taken to inform the Treasury about the Rs.12,937,280.00 (USD

	45,000.00) received for the new Google foreign aid project in the year 2024 and the Rs.282,126.00 (USD 900.00) received to the KTH project. Also, would like to inform that although the Google project received funding in 2024, it will only be operational from 2025.
2.2.3 To state that Institute has not performed according to its powers, functions and duties as per the requirement of section 12 (g) of the National Audit Act, No. 19 of 2018.	Noted
2.2.4 To state that the resources of the Institute had not been procured and utilized economically, efficiently and effectively within the time frames and in compliance with the applicable laws as per the requirement of section 12 (h) of the National Audit Act, No. 19 of 2018.	Noted.

4.2 Other Matters

Audit Observation	Answer
(a) Although total sum of Rs.1,881,302 was due from a lecturer who left the service after breaching the bonds by the end of the year under review, necessary action had not been taken to recover from the guarantors, even though a period of 07 years had passed.	A sum of Rs.1,881,301.96 has to be recovered from former lecturer (probationary) Mr. H. M. Siriwardena, who breached the bonds. According to the initial agreement, he is contracted for an amount of Rs.2,619,437.40 and that amount has already been recovered. (a sum of Rs.2,014,638.93 from Provident Fund and an amount of Rs.604,880.00 paid by him). The above balance of Rs. 1,881,301.96 consists with the salary increments paid to him after signing the initial agreement, payments through salary revisions and interest due from the date of breach of agreement. His guarantors have guaranteed the payment of the initial contractual amount and Mr. Siriwardena agrees to pay salary increments, salary revisions, interest, etc., which are additional to the initial agreement, as per the agreement signed with the institute. Accordingly, action has been taken to file a

	case against him to recover that amount, and it is expected that the aforementioned amount will be recovered.
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Dr. Ajantha Atukorale
Director