

My Personal Experience at Colombo University

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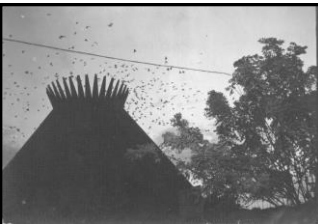


Journey Begins

Journey Begins from Schools

- 1975 - 1979 As a Student at the Colombo
- 1980 - First Job at the Faculty of Medicine
- 1982 - Move to the Math Department
- 1982 - Statistical Unit
- 1983 - Computer Centre
- 1985 - Department of Statistics and Computer Science
- 1987 - Institute of Technology
- 2001 - Department of Computer Science
- 2001 - Department of Statistics
- 2002 - University of Colombo School of Computing
- 2020 - Colombo University Press


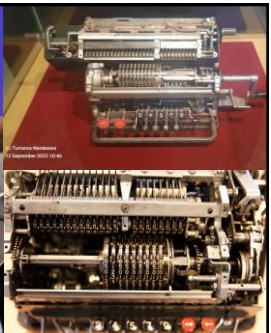
Presentation title 07-12-2023 2




University of Colombo

History of UCSG 08-12-2023 3


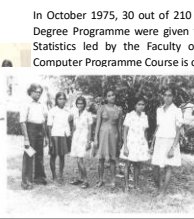
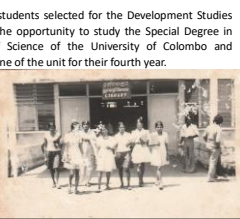
Calculators


Turrance Nandasara
11 September 2023 10:46


High Education

In October 1975, 30 out of 210 students selected for the Development Studies Degree Programme were given the opportunity to study the Special Degree in Statistics led by the Faculty of Science of the University of Colombo and Computer Programme Course is one of the unit for their fourth year.

High Education at University





Presentation title

1975 - Electronic Calculators

In 1975, **03 HP 25** and **06 Texas Instruments SR-56**

Programmable Electronic Calculators required for this degree course were provided to Sri Lanka under the initiative of **Professor Roger Stern**



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1975 - 1979 FORTRAN IV

Example code - FORTRAN IV or 66

```

THE PRK ALGORITHM
FORTRAN IV STYLE
DIMENSION A(11)
FUN (I) = SUBT (ABS (I)) + 5.) * T**3
READ (5,1) A
FORMAT (5F10.2)
DO 10 J = 1, 11
  I = 11 - J
  Y = FUN (A(I+1))
  IF (400.0-Y) 4, 6, 8
  WRITE (5,2) I
  FORMAT (110, 10X TOO LARGE)
  GO TO 10
8  WRITE (5,9) I, Y
  FORMAT (110, F12.6)
10  CONTINUE
STOP
END

```

In 1975, combined the subjects of **Computer Programming and Numerical Methods** into a one subject for the Applied Mathematics general degree course.

In 1975, The Subject "**Computer Programming and Management Analysis**" was introduced

Later, "**Computer Programming**" as an optional subject introduced for the third-year degree programme

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Final Year



Card Punch Machine



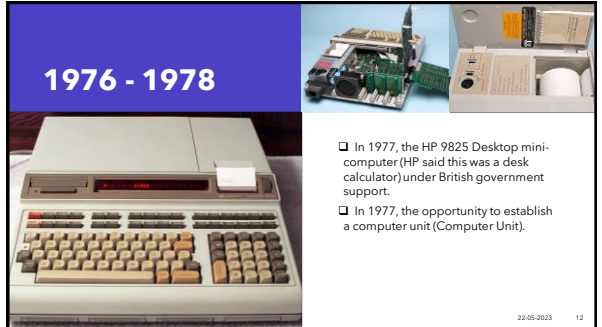
1979 IBM 360/Model 30



- In the academic year of 1967, the FORTRAN subject (Computer Programming for Scientific Research using FORTRAN) was introduced for the first time to the students who were interested in this subject field and to the professors engaged in research activities in the Faculty of Natural Sciences of the University of Colombo.
- To encourage the introduction of computer, use in universities, the decision taken by the then chairman of the State Engineering Corporation, including Dr. A. N. S. Kulasingha, to allow the University of Colombo to use the **ICL 1909** computer belonging to the State Engineering Corporation free of charge.
- In 1971, the **IBM 360/25** computers owned by the Department of Population and Statistics was made available to the students and faculty of the University of Colombo for research and practical training without any charge.

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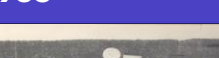
1976 - 1978




- In 1977, the HP 9825 Desktop mini-computer (HP said this was a desk calculator) under British government support.
- In 1977, the opportunity to establish a computer unit (Computer Unit).

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1983





- ❑ 1983 First Ever Computer Training for Public
- ❑ Certificate Course in Computer Application
 - ❑ Certificate Course in Computer Application in Science and Technology using FORTRAN
 - ❑ Certificate Course in Computer Application in Finance and Management using BUSINESS BASIC
 - ❑ Certificate Course in Computer Application in Finance and Management using COBOL
- ❑ Computer Courses for Gov. Employee

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1983 - 1985

Staff Exchange Programs and Postgraduate Training for Computer Science funded by Colombo Plan, Commonwealth and UNDP



1986 - 1990

සිව්වැනි - ප්‍රවේශන සිංහල/අලෙවි/ආශ්‍රිත පටිගතකරණ පද්ධතිය

Introduction to Trilingual Sinhala/Tamil/English input/output System

සිංහල/අලෙවි/ආශ්‍රිත පද්ධතිය
සිංහල/අලෙවි/ආශ්‍රිත පද්ධතිය
සිංහල/අලෙවි/ආශ්‍රිත පද්ධතිය

1986 Local Language Development

Computing Facility Development



- ❑ 1983 13 BBC Micro Computers for Training, Aids from UK-ODA, GBP 10,000
- ❑ UNISYS Unix Minicomputer with 16 Terminals
- ❑ IBMAS/400 Minicomputer with 12 Terminals
- ❑ 1985 Data General Minicomputer MV2000 with 15 Terminals
- ❑ 1985 30 BBC Microcomputer Lab
- ❑ 1985 WANG PC and IBM-PC Lab
- ❑ 1985 Keypro-2 (02 Computers)
- ❑ 1985 RadioShack TRS80-16 (03 Nos)

History of UCSG

1983 - 1987

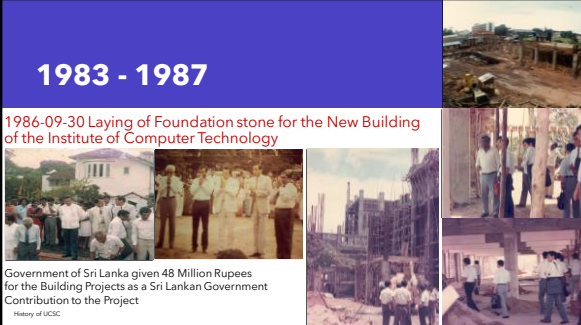
Institute of Computer Technology (ICT) Project

- ❑ 1986-02-24 Preliminary Survey (Japanese) Mission
- ❑ 1986-10-25 Technical Survey (Japanese) Mission
- ❑ 1987-02-24 Implementation Survey Team - Final Mission for Signing of the Agreement
- ❑ 1987-09-01 Project Implementation Started for three Years (Japanese Yen 490 Million)

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1983 - 1987

1986-09-30 Laying of Foundation stone for the New Building of the Institute of Computer Technology




Government of Sri Lanka given 48 Million Rupees for the Building Projects as a Sri Lankan Government Contribution to the Project

History of UCSG

1983 - 1987

1987-09-01 ICT Established and working started at BMICH



1988 - 1990

1988-03-01 Occupation of the Partially Completed ICT Building Complex at the Colombo University Premises



1988 - 1990

1987-11-19 Project Equipment Delivered to the Colombo University even before the completion of the building

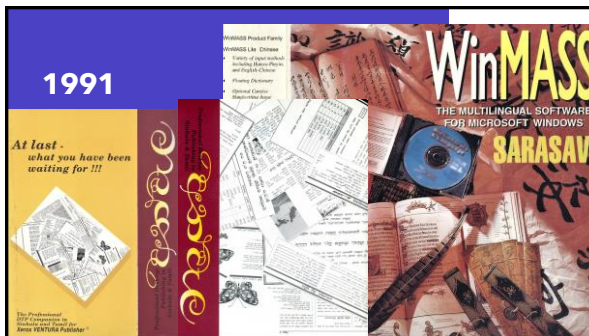


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1988 - 1990

1989-09-30 Fully Established ICT Building Complex



1991 - 2005

1993
Third Country Training
Programme - 1993 to 2010

- Structured Systems Analysis & Design (100)
- Information Systems Engineering (120)
- Design, Installation Management & Maintenance of Network Systems (160)
- e-Learning Technologies (120)
- In-country (70) Third Country (50)



