

# Survey: E-Learning during the COVID 19 pandemic situation in Sri Lanka 2020/2021 based on undergraduates' feedback

E-learning has provided a timely solution for students all over the world during this COVID 19 pandemic. As Sri Lankans, most of our students are in a transitional period in order to make themselves familiar with those platforms. Because this is the first-ever occurrence where we have to deal with this kind of situation.

In this study, the main focus is to perform an analysis of the students' feedback regarding these e-learning platforms and the methodologies, considering different other factors.

Purpose : Academic Purpose

Conductor :

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**\*Required**

## Demographic Information

1. Date of Birth \*

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*Example: 7 January 2019*

2. Gender \*

*Mark only one oval.*

☐

Male

☐

Female

☐

Prefer not to answer

## 3. Province \*

*Mark only one oval.*

- ☐ Central Province
- ☐ Eastern Province
- ☐ Northern Central Province
- ☐ Northern Province
- ☐ Northern West Province
- ☐ Sabaragamuwa Province
- ☐ Sothern Province
- ☐ Uva Province
- ☐ Western Province

## 4. District \*

*Mark only one oval.*

- ☐ Ampara
- ☐ Anuradhapura
- ☐ Badulla
- ☐ Batticaloa
- ☐ Colombo
- ☐ Galle
- ☐ Gampaha
- ☐ Hambantota
- ☐ Jaffna
- ☐ Kalutara
- ☐ Kandy
- ☐ Kegalle
- ☐ Kilinochchi
- ☐ Kurunegala
- ☐ Mannar
- ☐ Matale
- ☐ Matara
- ☐ Moneragala
- ☐ Mullaitivu
- ☐ Nuwara Eliya
- ☐ Polonnaruwa
- ☐ Puttalam
- ☐ Ratnapura
- ☐ Trincomalee
- ☐ Vavuniya

Family Details

## 5. Number of siblings \*

Example : 2 (If you don't have siblings, please enter 0 for this field)

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## 6. If you have siblings, What age group do they belong to?

*Tick all that apply.*

- ☐ Below 9 years
- ☐ 9 - 12 years
- ☐ 13 - 17 years
- ☐ Adults

## 7. Monthly income of your family \*

*Mark only one oval.*

- ☐ Less than Rs. 5,000
- ☐ Rs. 5,000 - Rs. 9,999
- ☐ Rs.10,000 - Rs. 19,999
- ☐ Rs. 20,000 - Rs. 29,999
- ☐ Rs. 30,000 - Rs. 39,999
- ☐ Rs.40,000 - Rs. 49,999
- ☐ Rs. 50,000 or more

## Academic background details

## 8. University Category \*

*Mark only one oval.*

- ☐ Government
- ☐ Private

## 9. University \*

*Mark only one oval.*

- ☐ Aquinas College of Higher Studies
- ☐ Asia Pacific Institute of Information Technology
- ☐ Buddhasravaka Bhiksu University
- ☐ Buddhist and Pali University
- ☐ Colombo International Nautical and Engineering College
- ☐ Eastern University
- ☐ Esoft Metro Campus (Private) Limited
- ☐ Gampaha Wickramarachchi University
- ☐ General Sir John Kotelawala Defence University
- ☐ Informatics Institute of Technology
- ☐ Institute of Chartered Accountants of Sri Lanka
- ☐ Institute of Surveying and Mapping
- ☐ Institute of Technological Studies
- ☐ International College of Business and Technology
- ☐ National Institute of Business Management
- ☐ National Institute of Social Development
- ☐ National School of Business Management Limited (NSBM)
- ☐ Ocean University of Sri Lanka
- ☐ Open University
- ☐ Rajarata University
- ☐ Sabaragamuwa University
- ☐ Saegis Campus
- ☐ SANASA Campus
- ☐ South Asian Institute of Technology and Medicine
- ☐ South Eastern University
- ☐ Sri Lanka Institute of Development Administration
- ☐ Sri Lanka Institute of Information Technology
- ☐ Sri Lanka Institute of Nanotechnology
- ☐ Sri Lanka Institute of Advanced Technological Education
- ☐ Sri Lanka International Buddhist Academy

- ☐ Sri Lanka Technological Campus
- ☐ University of Sri Jayewardenepura
- ☐ University of Vocational Technology
- ☐ University of Colombo
- ☐ University of Jaffna
- ☐ University of Kelaniya
- ☐ University of Moratuwa
- ☐ University of Peradeniya
- ☐ University of Ruhuna
- ☐ University of the Visual and Performing Arts
- ☐ University of Vavuniya
- ☐ Uva Wellassa University
- ☐ Wayamba University
- ☐ Other

## 10. Field of Study \*

*Mark only one oval.*

- ☐ ACCOUNTING
- ☐ ACTUARIAL SCIENCE
- ☐ ADVERTISING AND PUBLIC RELATIONS
- ☐ AEROSPACE ENGINEERING
- ☐ AGRICULTURAL ECONOMICS
- ☐ AGRICULTURE PRODUCTION AND MANAGEMENT
- ☐ ANIMAL SCIENCES
- ☐ ANTHROPOLOGY AND ARCHEOLOGY
- ☐ APPLIED MATHEMATICS
- ☐ ARCHITECTURAL ENGINEERING
- ☐ ARCHITECTURE
- ☐ AREA ETHNIC AND CIVILIZATION STUDIES
- ☐ ART AND MUSIC EDUCATION
- ☐ ART HISTORY AND CRITICISM
- ☐ ASTRONOMY AND ASTROPHYSICS
- ☐ ATMOSPHERIC SCIENCES AND METEOROLOGY
- ☐ BIOCHEMICAL SCIENCES
- ☐ BIOLOGICAL ENGINEERING
- ☐ BIOLOGY
- ☐ BIOMEDICAL ENGINEERING
- ☐ BOTANY
- ☐ BUSINESS ECONOMICS
- ☐ BUSINESS MANAGEMENT AND ADMINISTRATION
- ☐ CHEMICAL ENGINEERING
- ☐ CHEMISTRY
- ☐ CIVIL ENGINEERING
- ☐ CLINICAL PSYCHOLOGY
- ☐ COGNITIVE SCIENCE AND BIOPSYCHOLOGY
- ☐ COMMERCIAL ART AND GRAPHIC DESIGN
- ☐ COMMUNICATION DISORDERS SCIENCES AND SERVICES

- ☐ COMMUNICATION TECHNOLOGIES
- ☐ COMMUNICATIONS
- ☐ COMMUNITY AND PUBLIC HEALTH
- ☐ COMPOSITION AND RHETORIC
- ☐ COMPUTER ADMINISTRATION MANAGEMENT AND SECURITY
- ☐ COMPUTER AND INFORMATION SYSTEMS
- ☐ COMPUTER ENGINEERING
- ☐ COMPUTER NETWORKING AND TELECOMMUNICATIONS
- ☐ COMPUTER PROGRAMMING AND DATA PROCESSING
- ☐ COMPUTER SCIENCE
- ☐ CONSTRUCTION SERVICES
- ☐ COSMETOLOGY SERVICES AND CULINARY ARTS
- ☐ COUNSELING PSYCHOLOGY
- ☐ COURT REPORTING
- ☐ CRIMINAL JUSTICE AND FIRE PROTECTION
- ☐ CRIMINOLOGY
- ☐ DRAMA AND THEATER ARTS
- ☐ EARLY CHILDHOOD EDUCATION
- ☐ ECOLOGY
- ☐ ECONOMICS
- ☐ EDUCATIONAL ADMINISTRATION AND SUPERVISION
- ☐ EDUCATIONAL PSYCHOLOGY
- ☐ ELECTRICAL ENGINEERING
- ☐ ELECTRICAL ENGINEERING TECHNOLOGY
- ☐ ELECTRICAL, MECHANICAL, AND PRECISION TECHNOLOGIES AND PRODUCTION
- ☐ ELEMENTARY EDUCATION
- ☐ ENGINEERING AND INDUSTRIAL MANAGEMENT
- ☐ ENGINEERING MECHANICS PHYSICS AND SCIENCE
- ☐ ENGINEERING TECHNOLOGIES
- ☐ ENGLISH LANGUAGE AND LITERATURE
- ☐ ENVIRONMENTAL ENGINEERING
- ☐ ENVIRONMENTAL SCIENCE
- ☐ FAMILY AND CONSUMER SCIENCES



- ☐ HUMANITIES AND CONSUMER SCIENCES
- ☐ FILM VIDEO AND PHOTOGRAPHIC ARTS
- ☐ FINANCE
- ☐ FINE ARTS
- ☐ FOOD SCIENCE
- ☐ FORESTRY
- ☐ FRENCH GERMAN LATIN AND OTHER COMMON FOREIGN LANGUAGE STUDIES
- ☐ GENERAL BUSINESS
- ☐ GENERAL EDUCATION
- ☐ GENERAL ENGINEERING
- ☐ GENERAL MEDICAL AND HEALTH SERVICES
- ☐ GENERAL SOCIAL SCIENCES
- ☐ GENETICS
- ☐ GEOGRAPHY
- ☐ GEOLOGICAL AND GEOPHYSICAL ENGINEERING
- ☐ GEOLOGY AND EARTH SCIENCE
- ☐ GEOSCIENCES
- ☐ HEALTH AND MEDICAL ADMINISTRATIVE SERVICES
- ☐ HEALTH AND MEDICAL PREPARATORY PROGRAMS
- ☐ HISTORY
- ☐ HOSPITALITY MANAGEMENT
- ☐ HUMAN RESOURCES AND PERSONNEL MANAGEMENT
- ☐ HUMAN SERVICES AND COMMUNITY ORGANIZATION
- ☐ HUMANITIES
- ☐ INDUSTRIAL AND MANUFACTURING ENGINEERING
- ☐ INDUSTRIAL AND ORGANIZATIONAL PSYCHOLOGY
- ☐ INDUSTRIAL PRODUCTION TECHNOLOGIES
- ☐ INFORMATION SCIENCES
- ☐ INTERCULTURAL AND INTERNATIONAL STUDIES
- ☐ INTERDISCIPLINARY SOCIAL SCIENCES
- ☐ INTERNATIONAL BUSINESS
- ☐ INTERNATIONAL RELATIONS
- ☐ JOURNALISM
- ☐ LANGUAGE AND DRAMA EDUCATION

- ☐ LIBERAL ARTS
- ☐ LIBRARY SCIENCE
- ☐ LINGUISTICS AND COMPARATIVE LANGUAGE AND LITERATURE
- ☐ MANAGEMENT INFORMATION SYSTEMS AND STATISTICS
- ☐ MARKETING AND MARKETING RESEARCH
- ☐ MASS MEDIA
- ☐ MATERIALS ENGINEERING AND MATERIALS SCIENCE
- ☐ MATERIALS SCIENCE
- ☐ MATHEMATICS
- ☐ MATHEMATICS AND COMPUTER SCIENCE
- ☐ MATHEMATICS TEACHER EDUCATION
- ☐ MECHANICAL ENGINEERING
- ☐ MECHANICAL ENGINEERING RELATED TECHNOLOGIES
- ☐ MEDICAL ASSISTING SERVICES
- ☐ MEDICAL TECHNOLOGIES TECHNICIANS
- ☐ METALLURGICAL ENGINEERING
- ☐ MICROBIOLOGY
- ☐ MILITARY TECHNOLOGIES
- ☐ MINING AND MINERAL ENGINEERING
- ☐ MISCELLANEOUS AGRICULTURE
- ☐ MISCELLANEOUS BIOLOGY
- ☐ MISCELLANEOUS BUSINESS & MEDICAL ADMINISTRATION
- ☐ MISCELLANEOUS EDUCATION
- ☐ MISCELLANEOUS ENGINEERING
- ☐ MISCELLANEOUS ENGINEERING TECHNOLOGIES
- ☐ MISCELLANEOUS FINE ARTS
- ☐ MISCELLANEOUS HEALTH MEDICAL PROFESSIONS
- ☐ MISCELLANEOUS PSYCHOLOGY
- ☐ MISCELLANEOUS SOCIAL SCIENCES
- ☐ MOLECULAR BIOLOGY
- ☐ MULTI-DISCIPLINARY OR GENERAL SCIENCE
- ☐ MULTI/INTERDISCIPLINARY STUDIES
- ☐ MUSIC

- ☐ N/A (less than bachelor's degree)
- ☐ NATURAL RESOURCES MANAGEMENT
- ☐ NAVAL ARCHITECTURE AND MARINE ENGINEERING
- ☐ NEUROSCIENCE
- ☐ NUCLEAR ENGINEERING
- ☐ NUCLEAR, INDUSTRIAL RADIOLOGY, AND BIOLOGICAL TECHNOLOGIES
- ☐ NURSING
- ☐ NUTRITION SCIENCES
- ☐ OCEANOGRAPHY
- ☐ OPERATIONS LOGISTICS AND E-COMMERCE
- ☐ OTHER FOREIGN LANGUAGES
- ☐ PETROLEUM ENGINEERING
- ☐ PHARMACOLOGY
- ☐ PHARMACY PHARMACEUTICAL SCIENCES AND ADMINISTRATION
- ☐ PHILOSOPHY AND RELIGIOUS STUDIES
- ☐ PHYSICAL AND HEALTH EDUCATION TEACHING
- ☐ PHYSICAL FITNESS PARKS RECREATION AND LEISURE
- ☐ PHYSICAL SCIENCES
- ☐ PHYSICS
- ☐ PHYSIOLOGY
- ☐ PLANT SCIENCE AND AGRONOMY
- ☐ POLITICAL SCIENCE AND GOVERNMENT
- ☐ PRE-LAW AND LEGAL STUDIES
- ☐ PSYCHOLOGY
- ☐ PUBLIC ADMINISTRATION
- ☐ PUBLIC POLICY
- ☐ SCHOOL STUDENT COUNSELING
- ☐ SCIENCE AND COMPUTER TEACHER EDUCATION
- ☐ SECONDARY TEACHER EDUCATION
- ☐ SOCIAL PSYCHOLOGY
- ☐ SOCIAL SCIENCE OR HISTORY TEACHER EDUCATION
- ☐ SOCIAL WORK
- ☐ SOCIOLOGY

- ☐ SOIL SCIENCE
- ☐ SPECIAL NEEDS EDUCATION
- ☐ STATISTICS AND DECISION SCIENCE
- ☐ STUDIO ARTS
- ☐ TEACHER EDUCATION: MULTIPLE LEVELS
- ☐ THEOLOGY AND RELIGIOUS VOCATIONS
- ☐ TRANSPORTATION SCIENCES AND TECHNOLOGIES
- ☐ TREATMENT THERAPY PROFESSIONS
- ☐ UNITED STATES HISTORY
- ☐ VISUAL AND PERFORMING ARTS
- ☐ ZOOLOGY

11. Date of Enrollment \*

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*Example: 7 January 2019*

12. Duration of Degree Program (Number of years) \*

Example : 4

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13. Academic Year \*

Example : 2 (2nd Year)

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14. Are you a full time student? \*

*Mark only one oval.*

- ☐ Yes
- ☐ No

## 15. Class (based on current GPA) \*

*Mark only one oval.*

- ☐ General
- ☐ Second Class Lower Division
- ☐ Second Class Upper Division
- ☐ First Class
- ☐ Don't know how to derive the class

### Engagement on E-Learning

## 16. Are you using your own device? \*

If you are using your own device (laptop, smartphone etc.) for online learning mark "Yes". If not we assume that you are using a shared device.

*Mark only one oval.*

- ☐ Yes
- ☐ No

## 17. Device \*

*Tick all that apply.*

- ☐ Smartphone
- ☐ Tab
- ☐ Laptop
- ☐ Desktop

## 18. Online learning platform for participating lectures \*

*Tick all that apply.*

- ☐ Microsoft Teams
- ☐ Zoom
- ☐ Google Meet
- ☐ Other

## 19. E-Learning Conditions \*

*Mark only one oval per row.*

	Very Low	Low	Normal	High	Very High
Internet Connectivity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Frequency of Electricity Problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Motivation to learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Distractions to learn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Availability of learning materials	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction with the lecturer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction with batch mates	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interaction with senior students	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

So far Experience with Online Learning

## 20. Your feedback \*

Mark only one oval per row.

	Highly Dissatisfied	Dissatisfied	Neutral	Satisfied	Highly Satisfied
Online Learning methods compared to face-to-face methods	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using technology for learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Time spent for learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Flexibility of Learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The clarity of the lecture material	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lecturer guidance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gain of theoretical knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Gain of practical knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## 21. How can we improve online learning in order to obtain higher satisfaction?

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22. Please provide any additional comments regarding your experience with online course(s) this semester

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