



UNIVERSITY COLLEGE OF BAHRAIN
Scientific Research Council (SRC)

UCB RESEARCH REPORT
ACADEMIC YEAR 2020 - 2021

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EXECUTIVE SUMMARY

This report is a UCB's research report that comprises of scientific researches in the forms of journal articles, book chapters, and conference proceedings published by our faculty members during academic year 2020-2021. The report also includes research awards, articles published in magazines/newspapers, and keynote speeches by our faculty members. The University College of Bahrain aims to build national and international research reputation by encouraging faculty members to conduct more scientific research activities that is aligned with Bahrain's National Strategy.

The University has a total of 33 major research publications in the forms of journal articles, book chapters, and conference proceedings for AY 2020-2021. This number is significantly increased as compared to AY 2019-2020 with a total of 23 major research publications. Besides, a total of 19 other research achievements (best paper award, articles published in media, and keynote speeches) are obtained in prevailing academic year, while 11 other research achievements were obtaining in AY 2019-2020. It is worth to mention that all of those research publications by our faculty members are associated with the University College of Bahrain.

The focus areas of research at UCB are:

- Business and Management
Includes and not limited to business administration, management studies, marketing, human resource management, operations management, entrepreneurship, economics, accounting, finance, banking and financial markets, and Islamic banking and finance.
- Information Technology
Includes and not limited to management information system, software, computer network, big data, data mining, artificial intelligence, cloud computing, data analytics, and machine learning.
- Communication and Multimedia
Includes and not limited to public relations, mass communication, journalism, digital communication, corporate communication, graphic/animation, and media/multimedia.
- General Studies
Includes and not limited to humanities, cultural studies, political sciences, history, sociology, business ethics, women studies, and Bahrain studies.

1. STATISTICS OF RESEARCH PUBLICATIONS

- Scientific Research Activities (AY 2019-2020 and AY 2020-2021)

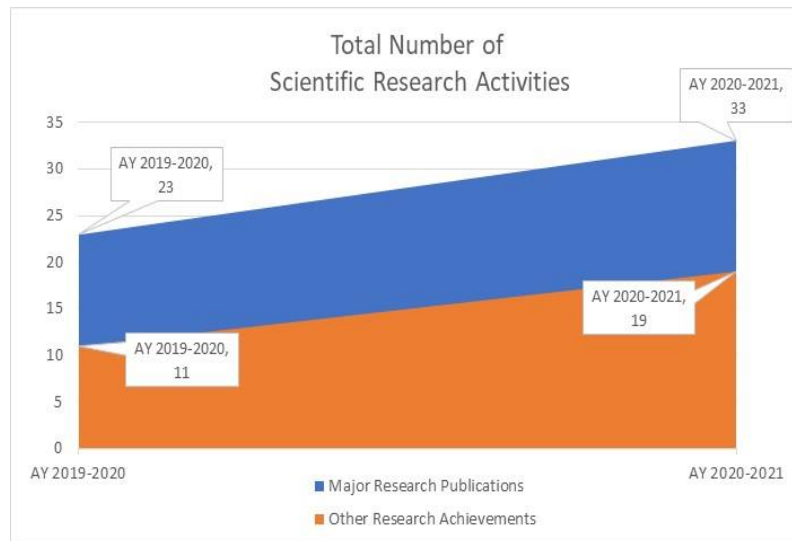


Figure 1.

Comparison of Scientific Research Activities from AY 2019-2020 to AY 2020-2021

- Major Research Publications

Title	Department of Business Administration	Department of Information Technology	Department of Communication and Multimedia	General Studies Unit	Total
Journal Articles	11	8	2	3	24
Book Chapters	0	2	0	0	2
Conference Proceedings	3	3	0	1	7
Total	14	13	2	4	33

The details of major research publications are depicted in figures below.

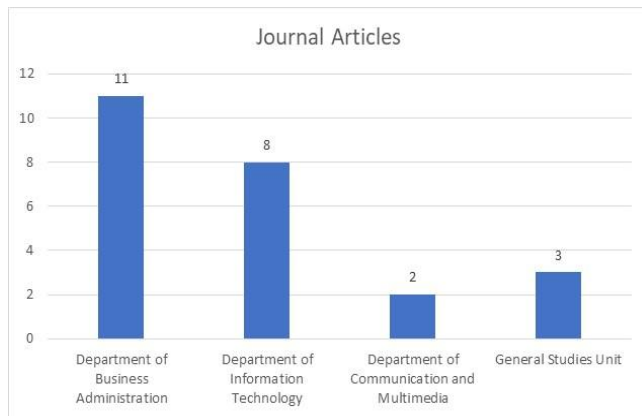


Figure 2.

Published journal articles for AY 2020-2021

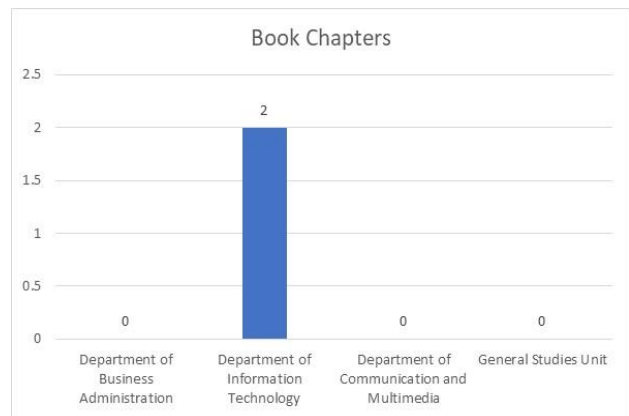


Figure 3.

Published book chapters for AY 2020-2021

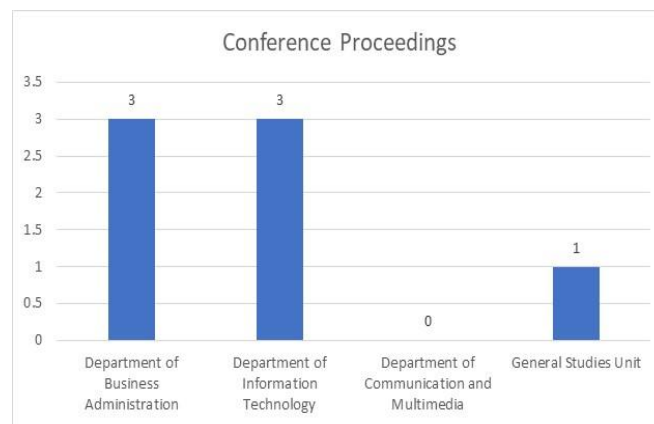


Figure 4.

Published conference proceedings for AY 2020-2021

• Others Research Achievements

Title	Department of Business Administration	Department of Information Technology	Department of Communication and Multimedia	General Studies Unit	Total
Best Paper Award	1	0	0	0	1
Articles Published in Media	1	0	0	0	1
Keynote Speeches	10	0	0	7	17
Total	12	0	0	7	19

The details of other research achievements can be seen in figures below.

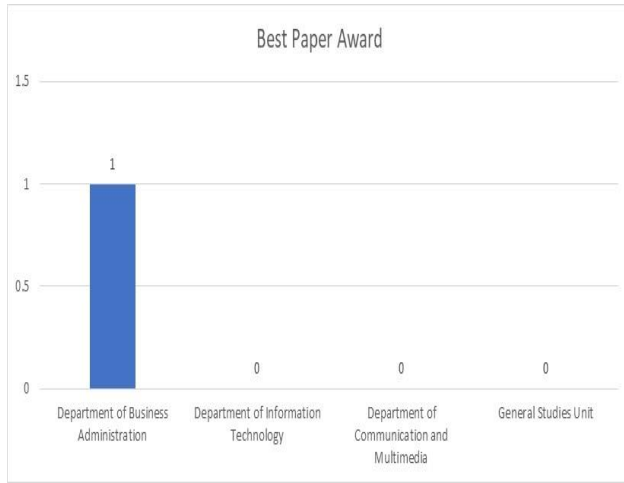


Figure 5.
Best Paper Award for AY 2020-2021

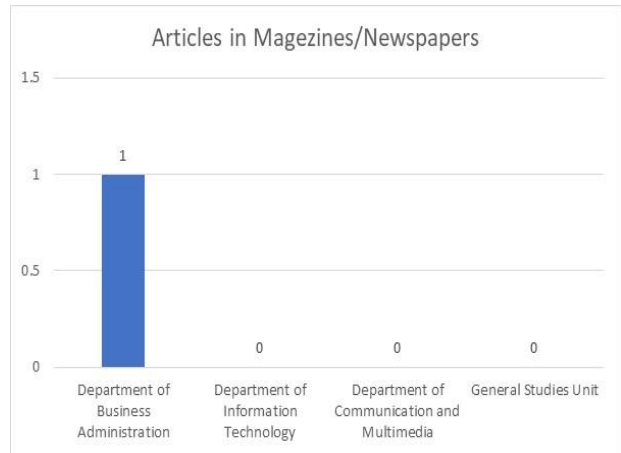


Figure 6.
Articles Published in Media for AY 2020-2021

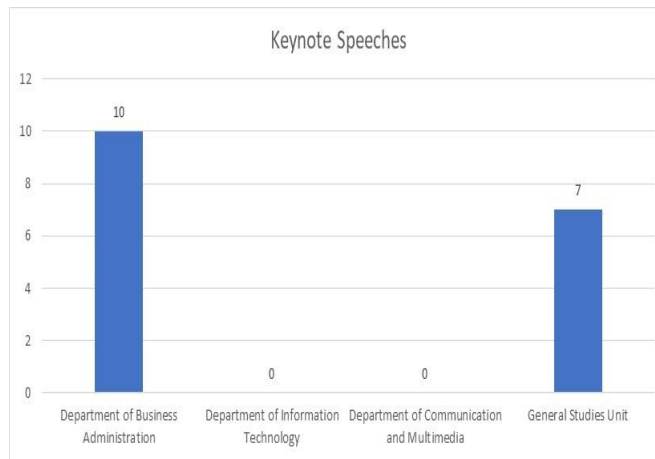


Figure 7.
Keynote Speeches for AY 2020-2021

2. MAJOR RESEARCH PUBLICATIONS FOR AY 2020-2021

2.1. Journal Articles for AY 2020-2021

- Department of Business Administration

No	Title of the Paper	Journal Title	UCB Member	Authors	Vol, Issue, Page	Year	Indexed
1	Risk, efficiency and financial performance in the GCC banking industry: Islamic versus conventional banks	Journal of Islamic Accounting and Business Research	Dr. Muhammad Rizky Prima Sakti	Hidayat, S.E, Sakti, M.R.P , Al-Balushi	12 (4), pp. 564-592	2021	SCOPUS Q2
2	Does the Islamic Label Indicate Good Environmental, Social, and Governance (ESG) Performance? Evidence from Sharia-Compliant Firms in Indonesia and Malaysia	Borsa Istanbul Review	Dr. Muhammad Rizky Prima Sakti	Qoyum, A., Sakti M.R.P , HMT Thaker, RU AlHashfi	In Press	2021	SCOPUS Q2
3	Corporate Governance from an Islamic Moral Economy Perspective: The Dimensions and Analysis	Signifikan: Jurnal Ilmu Ekonomi	Dr. Muhammad Rizky Prima Sakti	Sakti, M.R.P , MA Tareq, H Kamiyama	10 (2), 359-378	2021	DOAJ, CrossRef
4	Strengthening Indonesia's Islamic Financial Inclusion: An Analytic Network Process Approach	ICR Journal	Dr. Muhammad Rizky Prima Sakti	Ali, MM, Devi, A, Bustomi, H, Sakti, M.R.P .	11 (2) 225-251	2020	DOAJ, CrossRef
5	Oil prices and Islamic banks performance in the OIC countries: Evidence from the	Journal of Economic Cooperation and Development	Dr. Muhammad Rizky Prima Sakti	Hidayat, S.E., & Sakti, M.R.P .	4(2)	2020	SCOPUS Q3

	Dynamic GM approaches						
6	Macroprudential Policy and Financing Behaviour in Emerging Markets: Bank-Level Evidence from Indonesian Dual Banking	Afro-Asian Journal of Finance and Accounting	Dr. Muhammad Rizky Prima Sakti	Zulkhibri, M., and Sakti, M.R.P.	10 (4), 514-536	2020	SCOPUS Q4
7	COVID-19 and digitizing accounting education: empirical evidence from GCC	PSU Research Review	Dr. Abdullah Alhadrami	Sarea, A., Alhadrami, A. and Taufiq-Hail, G.A	Vol. 5 No. 1, pp. 68-83.	2021	DOAJ
8	Factors That Effect Customer Satisfaction in Mobile Cellular Network Industry in Tabouk City from Saudi Arabia	Journal of Computational and Theoretical Nanoscience	Dr. Manal Taqatqa	Robert, H. and Taqatqa, M.	Vol. 18, No.3	2021	SCOPUS Q4
9	The impact of Using Mobile Phone on Driver Safety	Journal of Computational and Theoretical Nanoscience	Dr. Manal Taqatqa	Robert, H. and Taqatqa, M	Vol. 18, No.3	2021	SCOPUS Q4
10	The impact of work feedback on work engagement: evidence from the Jordanian faculty members	Journal of Contemporary Issues in Business and Government	Dr. Manal Taqatqa	Robert, H. and Taqatqa, M	Vol. 27, No. 2	2021	DOAJ
11	Saudi HR managers' perception when hiring and evaluating American versus Indian expatriates	PalArch's Journal of Archaeology of Egypt/Egyptology	Dr. Manal Taqatqa	Taqatqa, M.	Vol. 17, No. 6	2020	SCOPUS Q3

- Department of Information Technology

No	Title of the Paper	Journal Title	UCB Member	Authors	Vol, Issue, Page	Year	Indexed
1	Non-Parametric Method of Topic Identification using Granularity Concept and Graph-based Modeling	Neural Computing and Applications	Dr. Nandita Sengupta	Ganguli, I, Sil., Sengupta, N.	Vol.1, No.21	2021	SCOPUS, Q2
2	Designing of Cleaning System for Garbage and Sewage of Smart City with Cloud Based Predictive Analytics	International Journal of Computing and Digital Systems	Dr. Nandita Sengupta	Sengupta, N., & Chinnasamy, R	Vol 9, Issue 6, Page 1079 – 1089,	2021	SCOPUS, Q4
3	Artificial Intelligence and NLP-Based Chatbot for Islamic Banking and Finance.	International Journal of Information Retrieval Research	Dr. Shahnawaz Khan	Khan, S., & Rabbani, M. R	11(3), 65-77.	2021	WoS ESCI
4	Consumer behaviour analysis for business development.	Aggression and Violent Behavior	Dr. Shahnawaz Khan	Zhao, J., Xue, F., Khan, S., & Khatib, S. F.	101591.	2021	SCOPUS Q1
5	Cloud computing based futuristic educational model for virtual learning	Journal of Statistics and Management Systems	Dr. Shahnawaz Khan	Khan, S., Al-Dmour, A., Bali, V., Rabbani, M. R., & Thirunavukkarsu, K	24(2), 357-385	2021	WoS ESCI, ABDC
6	Convolutional neural network based SARS-CoV-2 patients detection model using CT images	International Journal of Intelligent Engineering Informatics	Dr. Shahnawaz Khan	Khan, S., Thirunavukkarsu, K., Hammad, R., Bali, V., & Qader, M. R	9(2), 211-228.	2021	WoS ESCI

7	Urban water resource management for sustainable environment planning using artificial intelligence techniques	Environmental Impact Assessment Review,	Dr. Shahnawaz Khan	Xiang, X., Li, Q., Khan, S. , & Khalaf, O. I	86, 106515.	2021	SCOPUS Q1
8	Research on the optimization of the management process on internet of things (Iot) for electronic market	The Electronic Library.	Dr. Shahnawaz Khan	Zhao, H., Chen, P. L., Khan, S. , & Khalafe, O. I		2020	SCOPUS

- Department of Communication and Multimedia

No	Title of the paper	Journal Title	UCB Member	Authors	Vol, Issue, Page	Year	Indexed
1	Seeking Safe Haven'- Plight of World refugees and Media Voicing: Glimpses of American and Pakistani media	Turkish Online journal of Qualitative Inquiry	Dr. Shema Bukhari	M. Khan, S., Aslam, M J., Hussain, T., Bukhari, S. , Tareen, M K., Tariq	12(9), 3177 – 3190	2021	SCOPUS
2	Trump and Muslims During US Presidential Elections 2016: A Sentiment Analysis of Muslim Community on Twitter	Media Education	Dr. Shema Bukhari	Raza, U., Khan M., Bukhari, S		2020	WoS

- General Studies Unit

No	Title of the paper	Journal Tittle	UCB Member	Authors	Vol, Issue, Page	Year	Indexed
1	Women and their style of leadership: concept and opportunity in the Globalized world	Sambodhi	Ms. Shemily p. John	John, S.	Vol. 43, No. 04	2021	DOAJ
2	A case study on women in leadership positions in Bahrain	Sambodhi	Ms. Shemily p. John	John, S.	ISSM 2249-6661	2021	DOAJ
3	Meeting the Needs of Online Learners	Research Break through and technological development in Life sciences	Ms. Shemily p. John	John, S.		2021	DOAJ

2.2. Book Chapters for AY 2020-2021

- Department of Business Administration

No	Title of the Book Chapter	Title of the Book	UCB Member	Authors	Year	Publisher
	Nil					

- Department of Information Technology

No	Title of the Book Chapters	Title of the Book	UCB Member	Authors	Year	Publisher
1	Islamic FinTech: The digital transformation bringing sustainability to Islamic finance (pp 94-106)	COVID-19 and Islamic Social Finance	Dr. Shahnawaz Khan	Atif, M., Hassan, M. K., Rabbani, M. R., & Khan, S	2021	Routledge
2	Intracranial Hemorrhage Detection Using Deep Convolutional Neural Network	Innovations in Computer Science and Engineering (pp. 429-436)	Dr. Shahnawaz Khan	Thirunavukkarasu, K., Gupta, A., Abimannan, S., & Khan, S.	2021	Springer

- Department of Communication and Multimedia

No	Title of the Book Chapter	Title of the Book	UCB Member	Authors	Year	Publisher
	Nil					

- General Studies Unit

No	Title of the Book Chapter	Title of the Book	UCB Member	Authors	Year	Publisher
	Nil					

2.3. Conference Proceedings for AY 2020-2021

- Department of Business Administration

No	Title of the Paper	UCB Member	Authors	Name of the Conference	Year
1	Assessing the Online Purchasing Behavior during the COVID-19 Pandemic: A Case Study in the Kingdom of Bahrain	Dr. Muhammad Rizky Prima Sakti	Al-Khalifa, M.K. & Sakti, M.R.P	The 5 th International Conference on Business and Economics (ICBE)	2021
2	Islamic Banking in the Digital Age: The Application of Fintech in Bahrain Islamic Bank (BISB)	Dr. Muhammad Rizky Prima Sakti	Abdulla, E.A & Sakti, M.R.P	The 5 th International Conference on Business and Economics (ICBE)	2021
3	Analysis of customer perception and awareness towards banking services: a comparison between Islamic and conventional banks in the Kingdom Bahrain	Dr. Muhammad Rizky Prima Sakti	Al-Mahmod, A.A. & Sakti, M.R.P	The 5 th International Conference on Business and Economics (ICBE)	2021

- Department of Information Technology

No	Title of the Paper	UCB Member	Authors	Name of the Conference	Year
1	Designing Machine Learning Based Security System for Smart Cities	Dr. Nandita Sengupta	Sengupta, N., & Chinnasamy, R	3 rd Smart Cities Symposium 2020	2020
2	P200 and N400 Induced Subjective Aesthetic Quality Assessment of an Actor Using Type-2 Fuzzy Reasoning	Dr. Nandita Sengupta	Sengupta, N. Laha, M, Konar, A, Das, M, Debnath, C., Nagar, A.K	IEEE World Congress on Computational Intelligence 2020 (IEEE WCCI 2020)	2020

3	Embracing of Fintech in Islamic Finance in the post COVID era	Dr. Shahnawaz Khan	Rabbani, M. R., Abdulla, Y., Basahr, A., Khan, S. , & Moh'd Ali, M. A.	International Conference on Decision Aid Sciences and Application (DASA) (pp. 1230-1234). IEEE	2020
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- Department of Communication and Multimedia

No	Title of the Paper	UCB Member	Authors	Name of the Conference	Year
	Nil				

- General Studies Unit

No	Title of the Paper	UCB Member	Authors	Name of the Conference	Year
1	The concept of gentler awareness among new generation adolescent grills – study in Bahrain's 12 th grade female students	Ms. Shemily P. John	John, S.P., Nair, A., Murgan, K.R	6 th World Conference on Women Studies	2020

3. OTHER RESEARCH ACHIEVEMENTS

3.1. Best Paper Award

No	Title of the Award	UCB Member	Department	Authors	Name of the Granter	Year
1	2 nd Best Paper Award	Dr. Muhammad Rizky Prima Sakti	Business Administration	Abdulla, E.A & Sakti, M.R.P	The 5 th International Conference on Business and Economics (ICBE). Universitas Andalas. Indonesia	2021

3.2. Articles Published in Media (Newspapers/Magazine)

No	Title of Article	UCB Member	Department	Authors	Newspaper/Magazine	Year
1	Responsible Banking: Banking Beyond Profit	Dr. Muhammad Rizky Prima Sakti	Business Administration	Ali, MM., Sakti, M.R.P	Islamic Finance News (IFN) Vol. 18, Issue 35	2021

3.3. Keynote Speeches

No	Title of Speech	Keynote Speaker	Department	Name of the Event & Organizer	Date
1	Current Issues and Research in Islamic Banking and Finance	Dr. Muhammad Rizky Prima Sakti	Business Administration	Research Workshop. Doctoral Programme in Management. Universitas Andalas (UNAND). Indonesia	Aug 26 th , 2021
2	Risk Management in Islamic Banks	Dr. Muhammad Rizky Prima Sakti	Business Administration	International Summer Course 2021. Faculty of Economics and Business. Universitas Muhammadiyah Prof. Hamka (UHAMKA). Indonesia	July 27 th , 2021

3	Recent Innovation in Banking Sector: Bahrain's Experience	Dr. Muhammad Rizky Prima Sakti	Business Administration	International Management Lecture Class. Faculty of Economics and Business. Universitas Airlangga (UNAIR). Indonesia	June 19 th , 2021
4	Current State & Analysis of sukuk in Bahrain: a default case of Villamar sukuk	Dr. Muhammad Rizky Prima Sakti	Business Administration	International Guest Lecture. Faculty of Economics and Business. Universitas Indonesia (UI). Indonesia	June 15 th , 2021
5	Supervision Workshop	Dr. Muhammad Rizky Prima Sakti	Business Administration	Workshop. Department of Business Administration. University College of Bahrain (UCB)	June 15 th , 2021
6	Islamic Economics: Principles & Foundations	Dr. Muhammad Rizky Prima Sakti	Business Administration	International Guest Lecture. International Program in Islamic Economics and Finance (IPIEF), Universitas Muhammadiyah Yogyakarta (UMY). Indonesia	Nov 25 th , 2020
7	Macroprudential policy in dual banking system	Dr. Muhammad Rizky Prima Sakti	Business Administration	International Short Course for Young Islamic Economist. UIN Sunan Kalijaga. Indonesia	Nov 20 th , 2020
8	A good academic Writing	Dr. Muhammad Rizky Prima Sakti	Business Administration	Research Workshop. Faculty of Economics. Universitas Negeri Padang (UNP). Indonesia	Nov 18 th , 2020
9	A good academic Writing	Dr. Muhammad Rizky Prima Sakti	Business Administration	Research Workshop. UIN Sunan Kalijaga. Indonesia	Nov 14 th , 2020
10	Halal Industry in the Arab World	Dr. Muhammad Rizky Prima Sakti	Business Administration	Southeast Asia Academic Forum on Sustainable Development (SEA-ASFID). Makassar. Indonesia	Sept 19 th , 2020

11	Meeting the needs of online learners	Mrs. Shemily P. John	General Studies Unit	International Faculty Development Programme. ICAR - Central Institute of Fresh Water Aqua Culture	August 10 th , 2020
12	Gender Equality- the persisting scenario based on Covid 19 Bahrain	Mrs. Shemily P. John	General Studies Unit	Department of Women's Studies. Bharatiyar University. India	July 26 th . 2020
13	Communication skills for Excellence in life	Mrs. Shemily P. John	General Studies Unit	Safaliaath Education and Career Call	Jan 17 th , 2021
14	Communication skills matter	Mrs. Shemily P. John	General Studies Unit	International Webinar- Dept. of English. MES College Marampally. India	Nov 6 th , 2020
15	Effective Communicators	Mrs. Shemily P. John	General Studies Unit	International webinar- MES College Nedumkandam. India	Nov 20 th , 2020
16	Challenges of Women in the present ERA	Mrs. Shemily P. John	General Studies Unit	International Conference- Women in leadership roles. Sree Ayyappa College for Women. India	Mar 10 th , 2021
17	Improve your English language skills to succeed in universities interview	Mrs. Shemily P. John	General Studies Unit	University College of Bahrain	Jun 21 st , 2021