



كلية الخليج
GULF COLLEGE

Research Annual Report

Centre for Research and Entrepreneurship (CRE)

2017-2018

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List of Abbreviations

Abbr.	Description
AY	Academic Year
CRE	Centre for Research and Entrepreneurship
DDAR	Deputy Dean, Academic & Research
ECA	Extra-Curricular Activities
FBMS	Faculty of Business and Management Studies
FCS	Faculty of Computing Sciences
FFS	Faculty of Foundation Studies
FURAP	Faculty-Mentored Undergraduate Research Award Programme
FYP	Final-Year Project
GC	Gulf College
GRSP	Graduate Research Support Programme
HoF	Head of Faculty
MoCI	Ministry of Commerce and Industry
ORG	Open Research Grant
RC	Research Coordinator
SOPR	The Social Observatory Research Program
TRC	The Research Council

The Executive Summary

Research trend has recently changed at Gulf College. All faculties and centres in GC have made significant efforts in order to boost the research output of the College and promote the research culture, which in turn, will contribute to the excellence of the society. The present report aims at highlighting such efforts in terms of research. In doing so, the College's research achievements such as journal and conference publications are showcased. In addition, the research workshops provided to staff and students, as well as research projects are highlighted. It is hoped that the present report is transparent and informative enough in order to provide a detailed overview of the research activities in the College.

CRE Objectives

The objectives of the Centre for Research and Entrepreneurship (CRE) are to:

1. create a research environment that inspires and enables both students and lecturers to undertake innovative research projects and scholarships;
2. ensure that the research findings will be utilised effectively by both students and lecturers;
3. identify, develop and implement strategically important research partnerships with the industries locally and internationally;
4. develop and motivate staff and students to be actively engaged in multidisciplinary research collaborations both for professional development and community services.
5. improve research quality, impact and international research-based institutional ranking.

Core Responsibilities

CRE's core responsibilities focus on the following services:

1. Staff and student workshops, seminars, conferences, and symposiums.
2. Research publication in international refereed journals.
3. Research fund utilisation and research grants.
4. Updating the Multi-disciplinary Research Annual Report.
5. Updating research related news on the GC website and social media.

Research Focus Areas (RFAs)

1. Active participation by staff and students in research activities such as workshops and seminars, conduction of surveys and undertaking research projects and publications in international referred journals.
2. Conduction of regular research workshops to help the researcher analyse local problems in a scientific way and contribute to creative thinking and innovativeness.
3. Joint publications by both students and staff once the projects are completed; preference may be given to linking Higher Education Institutions with the industry.
4. Enhancement of College research activities.
5. Developing soft skills of the students to be globally competitive.

Our Strengths

GC management, staff, students and researchers are committed to developing the existing research strengths and exploiting the underutilised potentials to raise the quality, impact and number of College research activities. GC strengths in giving quality education are widely known and have been reinforced through the increasing research paper publications and presentations, both locally and internationally.

Some of our strengths include:

- *Highly-qualified faculty members with strong research experience and background;*
- *Facilities for developing and improving research activities;*
- *Industry engagements and partnerships; and*
- *Desirable paper publication and conference attendance funding schemes.*

CRE Action Plan

The Following figure aims at demonstrating CRE's Action Plan for the upcoming academic year:

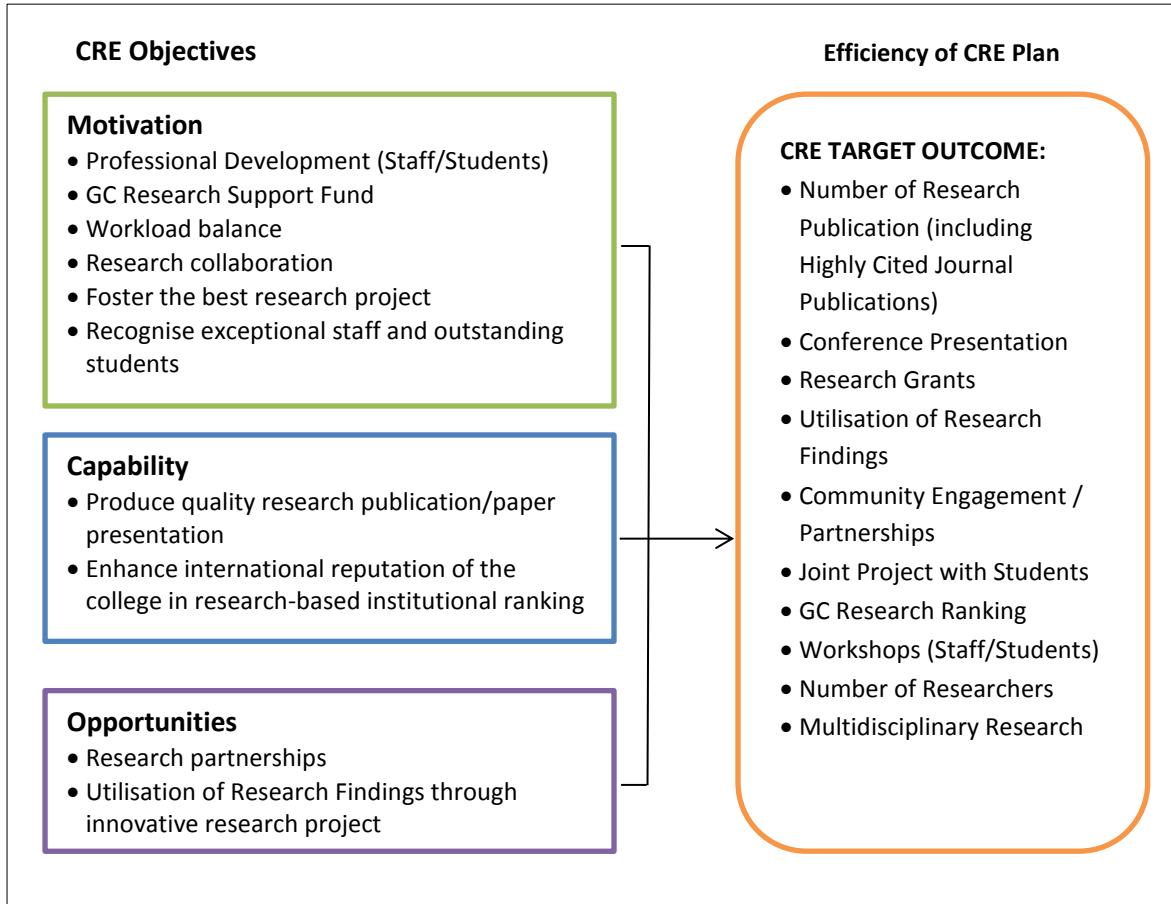


Figure 1: CRE's Action Plan for the Upcoming Academic Year

List of Publications

Faculty of Foundation Studies

Journal Publications

- Manalo, R. L., & Khan, M. (2018). Level of awareness of succession planning and management practices among educational leaders at Gulf College Oman. *European Journal of Management and Marketing Studies*, 3(1), 74-92.
- San Jose, A. E., & Vicencio, J. R. (2018). Delivery, language use and topic development in Speaking of EFL students. *European Journal of Literature, Language and Linguistics Studies*, 2(1), 19-35.
- San Jose, A. E., Bahket, R., & Alsalhi, H. H. A. (2017). Teach us the way we want: Teaching approach for special needs students. *European Journal of Special Education Research*, 2(6), 181-195.
- Mallillin, L. L. D., & Gilbang, C. S. (2017). Effectiveness of IELTS module in the general English language under the International Foundation Programme. *International Journal of Physical and Social Sciences*, 7(7), 19-35.

Conference Publications

- Nouraey, P. (2018, April). *Integrative vs. instrumental motivation among Omani EFL learners: A case-study*. Paper Presented at Oman 18th International ELT Conference: Current Perspectives, Trends and Challenges, Muscat, Oman.
- Millillin, (2018, March). *Language needs analysis for English curriculum validation*. Paper presented at The 1st MEC TESOL Conference, Muscat, Oman.
- Nouraey, P. (2018, February). *Use of library by undergraduate students: A case-study in the context of Oman*. Paper Presented at The 4th International Conference on Linguistics (English Language, Persian and Arabic Languages), Tehran, Iran.
- Ancheta, R.F. (2018, January). *Grammar errors in written composition of selected Level 3 students of Gulf College: Basis for reinforcement*. Paper Presented at Convergence 2: The Second Annual ACT-ELC Forum on English Language Instruction-“New Perspectives, Emerging Trends in ELT”, Al Musana, Oman.
- San Jose, A.E. (2018, January). *Organization, style and mechanics in writing of EFL students*. Paper Presented at Convergence 2: The Second Annual ACT-ELC Forum on English Language Instruction-“New Perspectives, Emerging Trends in ELT”, Al Musana, Oman.

- Millillin, L. (2018, January). *Effectiveness of IELTS module in the general English language under the Foundation Program*. Paper Presented at Convergence 2: The Second Annual ACT-ELC Forum on English Language Instruction-“New Perspectives, Emerging Trends in ELT”, Al Musana, Oman.
- Taguinod, I.C. (2017, December). *Analysis of energy usage profile of Gulf College: Basis for efficient energy consumption*. Paper Presented at The 4th International Conference on Education Technologies, Muscat, Oman.
- Cuizon, R.O. (2017, December). *Intervening effect of teacher quality on the relationship between student behavior and academic outcomes in mathematics*. Paper Presented at The 6th Abu Dhabi International Conference: Mathematics Science and Its Application, Abu Dhabi, UAE.
- Abdulbaki, K.K., & Abid, W.J. (2017, November). *The Use of the lecture method in teaching English at university: Implications for teaching and learning*. Paper Presented at The International Academic Conference on Global Education, Teaching and Learning (IAC-GETL 2017), Vienna, Austria.
- Adarbah, H. Y., & Ahmad, S. (2017, September). *Efficient route discovery using channel adaptive probabilistic broadcasting in Zigbee wireless sensor networks*. Paper Presented at The 25th International Conference on Software, Telecommunications and Computer Networks (SoftCOM), Split, Croatia.

Faculty of Business and Management Studies

Conference Publications

- Srinammuang, P., & Petcharat, N. (2018, September). *Environmental sustainability report and its communicative values to stakeholders: Evidence of Thai-construction sector*. Paper Presented at the 43th International Academic Conferences, Lisbon, Portugal.
- Srinammuang, P., & Petcharat, N. (2018, May). *Management accountant's role in moving towards sustainability reporting system of Thai-listed companies*. Paper Presented at the 36th International Academic Conference, London, UK.
- Kiran, F. (2017, December). *Best fit model for the future patronage of Islamic retail banking*. Paper Presented at The 7th Islamic Economic System Conference 2017, Negeri Sembilan, Malaysia.
- Bocar, A. (2017, October). *Cultural, social and national setting and the most common factors that hinders women's empowerment*. Paper Presented at Learning Transformation towards 21st Century Work Skills, Abu Dhabi, UAE.
- Kiran, F. (2017, August). *Factors influencing the adoption of Islamic retail banking in Oman*. Paper Presented at The 1st Salalah International Forum on Islamic Finance, Salalah, Oman.

Faculty of Computing Sciences

Journal Publications

Mata-Domingo, S. (2018). Evaluation on the effectiveness and usability of the developed collaborative interaction management system. *Research in Social Sciences and Technology*, 3(1), 122-133.

Mata-Domingo, S., & Guerrero, N. (2018). Extent of students' practices as digital citizens in the 21st century. *Research in Social Sciences and Technology*, 3(1), 134-148.

Conference Publications

Halibas, A. S., Shaffi, A. S., & Mohamed, M. A. K. V. (2018, March). *Application of text classification and clustering of Twitter data for business analytics*. Paper Presented at Majan International Conference: Promoting Entrepreneurship and Technological Skills: National Needs, Global Trends (MIC 2018), Muscat, Sultanate of Oman.

Maata, R., Al Azawi, R., Masmoudi, I., & Al Shaqsi, A. (2018, March). *A proposed concept and model to strengthen the implementation of technopreneurship in higher education institutions*. Paper presented at the at IEEE Majan International Conference (MIC), Muscat, Sultanate of Oman

Halibas, A.S., Pillai, I.G., & Matthew, A.C. (2017, December). *Utilization of RFID analytics in assessing student engagement*. Paper Presented at The 2nd International Conference on the Applications of Information Technology in Developing Renewable Energy Processes & Systems (IT-DREPS), Amman, Jordan.

Maata, R.L.R., Codova, R.S., Halibas, A., & Sudramurthy, B. (2017, December). *Design and implementation of client-server based application in distributed computing environment*. Paper Presented at IEEE ICCIC 2017, Tamil Nadu, India.

Sudramurthy, B., Al Obaidy, M., & Maata, R.L.R. (2017, December). *Analysis of authentication on online purchase using honey password*. Paper Presented at IEEE ICCIC 2017, Tamil Nadu, India.

Sibayan, R.O., Hilabas, A., & Sibayan, K.O. (2017, November). *A Gulf College case study: Technology enhanced student's learning geared with mobile devices*. Paper presented at The 1st AUE International Research Conference, Dubai, UAE.

Halibas, A., Rishikesh, B., & Shahzad, M. (2017, November). Learning analytics: A data-centric teaching-research skill. Paper Presented at the 1st AUE International Research Conference, Dubai, UAE.

Cordova, R.S., Maata, R. L. R., Halibas, A. S., & Al-Azawi, R. (2017, November). *Comparative analysis on the performance of selected security algorithms in cloud computing*. Paper Presented at The International Conference on Electrical and Computing Technologies and Applications, Abu Dhabi, UAE.

Mata-Domingo, S. (2017, October). *Evaluation on the effectiveness and usability of the developed collaborative interaction management system (CIMS)*. Paper presented at The 2nd General Education International Conference 2017, Abu Dhabi, UAE.

Mata-Domingo, S., & Guerrero, N. (2017, October). *Extent of students' practices as digital citizens in the 21st century*. Paper presented at The 2nd General Education International Conference 2017, Abu Dhabi, UAE.

Current Research Status

The Following table aims at highlighting the number of journal and conference publications within each faculty. The table shows how research has progressed in Gulf College within the last five years.

Table 1: Number of Journal and Conference Publications at Gulf College

Faculty	Academic Year	Number of Journal Publications	Number of Conference Publications	Total
Faculty of Foundation Studies	2017-2018	4	10	14
	2016-2017	13	10	23
	2015-2016	9	6	15
	2014-2015	3	3	6
	2013-2014	1	2	3
Faculty of Business and Management Studies	2017-2018	0	5	5
	2016-2017	11	3	14
	2015-2016	8	4	12
	2014-2015	6	3	9
	2013-2014	1	0	1
Faculty of Computing Sciences	2017-2018	2	10	12
	2016-2017	5	1	6
	2015-2016	3	7	10
	2014-2015	4	5	9
	2013-2014	3	1	4

The following figure aims at providing a more tangible overview on the data presented in Table 1. This figure shows the frequency of journal and conference publications in each Faculty/Centre per academic year.

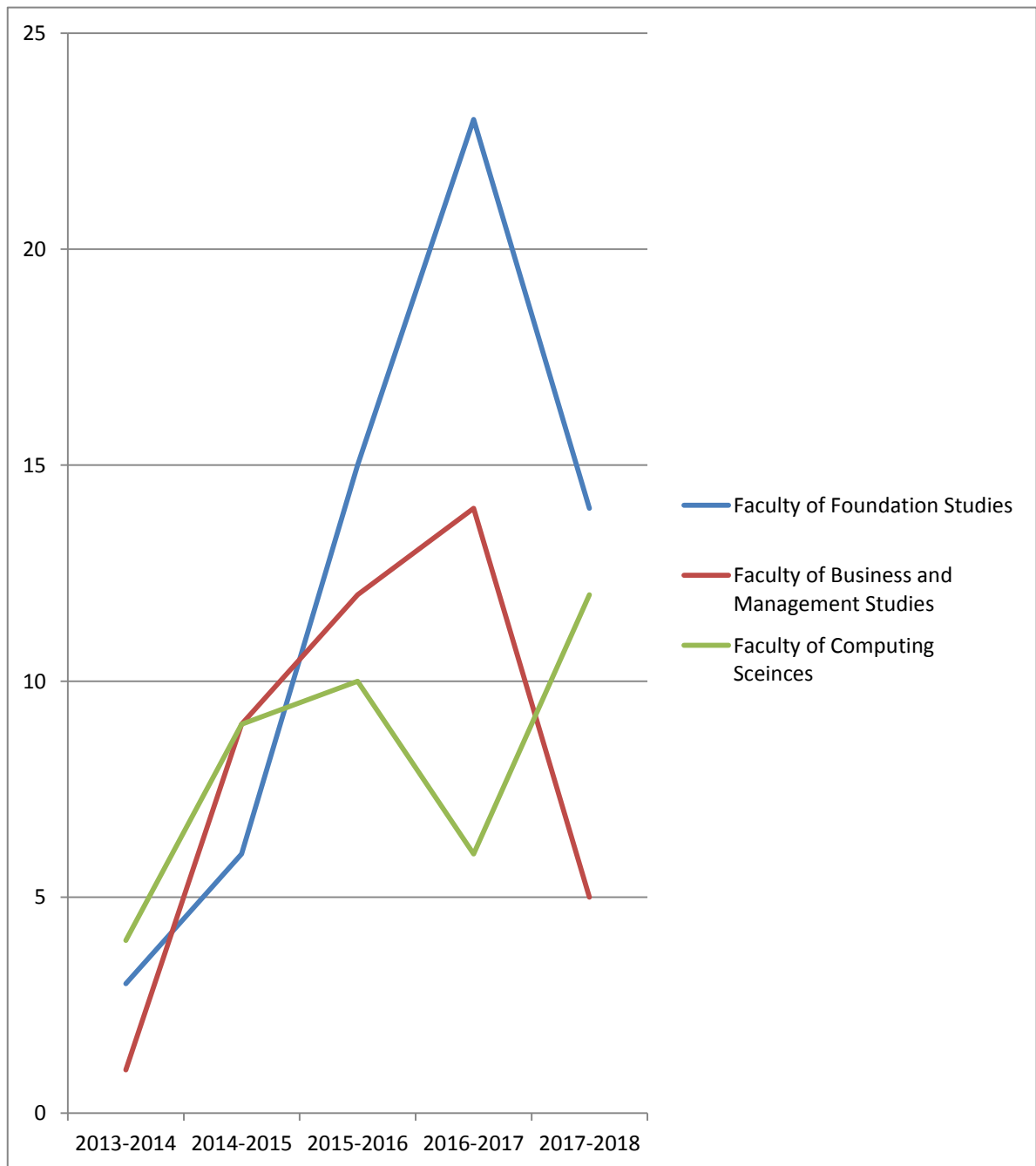


Figure 2: Number of Journal and Conference Publications at Gulf College

Research Workshops

*Table 2: Research and Entrepreneurship Workshops for Gulf College Staff and Students
(Academic Year 2017-2018)*

No.	Title of the Workshop	Target Audience	Date
1	GC Research Achievements to Date: Where We Are and Where We Need to Be	GC all Staff	3 May 2018
2	Understanding a Research Paper	Faculty of Foundation Studies and Faculty of Computing Sciences Staff	1 March 2018
3	Instigating Quality Teaching Process through Action Research	GC all Staff	31 December 2017
4	FFS Research Achievements	Faculty of Foundation Studies Staff	5 October 2017



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