



كلية الخليج
GULF COLLEGE

Research Annual Report

Centre for Research and Entrepreneurship (CRE)

2016-2017

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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

During the recent years, research and entrepreneurship has gained special attention 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 Core Responsibilities

The core responsibilities of CRE are to:

- implement functional plan of the Centre based on the approved Research Strategy;
- upgrade the Centre's research activities;
- lead and support the faculty and student research projects;
- manage research grants, identify research opportunities and research collaborations with other institutions and industry;
- launch programmes and awareness campaigns to enlighten the local community of the research activities in the College;
- lead, create and be engaged in business clubs to liaise with industry (local and international);
- showcase best practices, disseminate research information and help seek co-funding opportunities;
- lead the staff in the Centre to work closely with other colleges and universities in developing students' innovation and entrepreneurship skills;
- review, assess and evaluate the different research activities of the faculties,
- support the annual workshops and conferences addressing the following topics:
 - a. research methodology
 - b. conference paper writing and participation
 - c. coordinating with the faculty in submitting research proposals
 - d. research publications
 - e. motivating students in research
- collaborate and support Annual Fellowship Programmes and invite faculties from international institutions to participate in the workshops; and,
- prepare proposals to hold regional or international symposiums, seminars and conferences.

Research Achievements during the Academic Year 2016-2017

- Conduction of several staff and student awareness workshops in different areas such as research writing, indexing and abstracting, plagiarism, paper submission, etc.
- Encouraging staff members to publish their work and attend different seminars, workshops, conferences, symposiums, and other academic events.
- Finalising the Multidisciplinary Research Annual Report for the AYs 2014-2015 and 2015-2016.
- Research fund allocation among the faculties.
- Updating the news related to research and entrepreneurship in the media, as well as on the College website.
- Preparing the list of all forms of publications within the past six years and uploading it on the College website.
- Encoding all publications of the faculties to a research database created by the CRE staff.

Our Focus for the Upcoming Year

- Achieving different research grants from TRC such as Faculty-Mentored Undergraduate Research Award Programme (FURAP) and Open Research Grant (ORG).
- Conducting national or international conferences.
- Forming and guiding different SMEs in the new phase of Gulf College.
- Focusing on the community and industry engagement.
- Maximising the number of publications and participation in events by both staff and students.

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

- Nouraey P., & Syeda R. (2017). Learning resources centers and their effectiveness on students learning outcomes: A case-study of an Omani higher education institute. *International Journal of English Language and Translation Studies*, 5(2), 29-34.
- Villareal, I.P. (2017). Practical numeric and IT skills maths component summary notes: A content analysis. *International Journal of Advanced Research in Engineering and Applied Sciences*, 6(7), 1-11.
- Ancheta, R. F., & Simagala, E. E. (2017). Grammar errors in written composition of selected Level 3 students of Gulf College: Basis for remediation. *International Journal of English Research*, 3 (2) 63-67.
- Manalo, R., & Khan, M. (2017). Perception of managerial competencies significant for Gulf College educational leaders and managers. *International Journal of Humanities and Social Science Invention*, 6(2), 34-43.
- San Jose, A.E., & Galal, M. (2016). Silent learners' language cognition: A content analysis. *International Journal of Advanced Research*, 4(12), 43-56.
- San Jose, A.E. (2016). Teaching In A silent classroom: A case study. *IOSR Journal of Humanities and Social Science*, 21(8), 89-96.
- Cuarteros, J.B. (2016). Analysis of Omani students' discourse skills using Hoey's model. *International Journal of Scientific Progress and Research*, 30(1), 24-29.
- Cuarteros, J.B. (2016). Gulf College extracurricular activities: Its pedagogical implications. *International Journal of Scientific Progress and Research*, 30(1), 35-43.
- Castillo, R.C., & Mallillin, L.L.D. (2016). The students' satisfaction on the performance of the FFS members, AY 2016. *ISOR Journal of Humanities and Social Science*, 21(9), 89-94.
- Mallillin, L. L. D., Banaag, A. G., & Aguirre, R. A. (2016). Class participation and writing proficiency of communication skills students: An input to total quality management. *IOSR Journal of Humanities and Social Science*, 21(9), 1-6.
- Cuizon, R.O. (2016). Achievement motivation and academic performance in mathematics in selected higher education Omani classrooms. *International Research Journal of Mathematics, Engineering and IT*, 3(10), 63-86.
- Mallillin, L.L.D., & Castillo, R.C. (2016). Level of language proficiency of Gulf College students. *IOSR Journal of Humanities and Social Science*, 21(9) 45-52.

Castillo R. C., & Millillin L. (2016). The efficacy of e-library for English language development in the foundation level. *ISOR Journal of Humanities and Social Science*, 21(6), 53-60.

Conference Publications

Nouraey, P., & Karimnia, A. (2017, August). *Towards a theoretical model for speech mistakes: A thematic analysis of a social-linguistic violence*. Paper Presented at The 3rd International Conference on Contemporary Linguistics with Emphasis on New Dimensions of Knowledge of Language, Tehran, Iran.

Taguinod, I.C. (2017, February). *Green computing awareness and practices at Gulf College Oman*. Paper Presented at the International Conference on Innovation and Management, Tokyo, Japan.

Nouraey, P. (2017, February). *Error identification and correction*. Paper Presented at TESOL in Oman: Innovations, Challenges and Future Perspectives, Muscat, Oman.

Cuarteros, J.B. (2017, February). *Identifying the discourse skills and its pedagogical implications*. Paper Presented at TESOL in Oman: Innovations, Challenges and Future Perspectives, Muscat, Oman.

Cuarteros, J.B. (2016, December). *An analysis of Gulf College students' discourse skills using Hoey's Model*. Paper Presented at The 2nd International Conference on Regional Challenges to Multidisciplinary Innovation, Dubai, UAE.

Cuizon, R. (2016, November). *Does accreditation matter?: A case of educational program transformation from mediocrity to quality*. Paper Presented at The International Conference on Business, Education, Engineering and Sciences, Al Ain, UAE.

Leyte, P. (2016, November). *Challenges met by lecturers in English language teaching in Oman: Faculty development*. Paper Presented at The International Conference on Business, Education, Engineering and Sciences, Al Ain, UAE.

Cuarteros, J.B. (2016, October). *Extent of participation, benefits and problems encountered by Gulf College students in extra-curricular activities*. Paper Presented at The 8th Annual Conference 2016: Enabling Regional Quality in Education, Beirut, Lebanon.

Cuizon, R. (2016, September). *Achievement motivation and academic performance in mathematics in selected higher education Omani classrooms*. Paper Presented at The 2nd Philippine Conference on Interdisciplinary Research, Bohol, Philippines.

Cuarteros, J.B. (2016, June). *Discourse skills of Gulf College students as revealed in their written discourse*. Paper Presented at The 3rd International Conference on Multidisciplinary Innovation for Sustainability and Growth, Kuala Lumpur, Malaysia.

Faculty of Business and Management Studies

Journal Publications

- Sulthana, N., Al-Harrasi, M. (2017). A study on employee empowerment in Hamood company. *IMPACT: International Journal of Research in Business Management*, 5(6), 53-60.
- Bocar, A. C., Jocson, G., & Daguman, I. (2017). Identity status and the psychological need satisfaction at work of the employees. *Human Resources Management & Organizational Behavior*, 8(25).
- Bocar, A.C., & Tizon, M.N. (2017). Study habits and the perceived factors that distract the concentration of La Salle University freshmen. *Human Cognition in Evolution and Development*, 9(13).
- Bocar, A.C. (2017). Aggressive, passive, and assertive: Which communication style is commonly used by college students?. *Anthropology of Education*, 2(61).
- Magnaye, R.P. (2017). Global competency assessment of graduate students of Batangas State University, Philippines. *International Journal of Education and Research*, 5(6), 129-144.
- Sulthana, N., Ganakumar, M., & Gandhi R. (2016). Fall in oil pricing and its impact on real estates in Oman. *International Journal of Management and Social Science*, 4(7), 71-78.
- Bocar, A.C., & Jocson, G.G. (2016). Students life goals, their awareness category and cognizance on the benefits of higher education. *International Journal of Education, Learning and Development*, 4(6), 48-58
- Bagunas, A., Sophia, J., & Matriano, M. (2016). E-commerce mobile banking security: A comparative study. *International Journal of Computer and Mathematical Sciences*, 5(6), 15-38.
- Panganiban, C.M., & Villareal, I.P.. (2016). The impact of work-life balance on the well-being of Filipino expatriates. *International Journal of Advanced Research in Management and Social Sciences*, 5(7), 1-9.

Puma-at, R., & Puma-at, P. (2016) Trade fair participation of small entrepreneurs in Mountain Province'. *International Journal of Liberal Arts and Social Sciences*, 4(5), 115-128.

Puma-at, R., & Hamed, M. (2016). Study habits of business students towards achieving academic performance. *International Journal of Liberal Arts and Social Sciences*, 4(5), 57-70.

Conference Publications

Petcharat, N., & Zaman, M. (2017, July). *Sustainability reporting and integrated reporting: Perspectives of Thai-listed companies*. Paper Presented at Accounting and Finance Association of Australia and New Zealand (AFAANZ) Conference, Adelaide, Australia.

Petcharat, N., & Zaman, M. (2017, July). *GRI environmental disclosures of Thai construction firms*. Paper Presented at Accounting and Finance Association of Australia and New Zealand (AFAANZ) Conference, Adelaide, Australia.

Bocar, A., & Al Shabibi, A.R. (2017, May). *Personal qualities and skills of college students in one of the private colleges in Oman*. Paper Presented at The 1st Arab Open University Student Research (AOU-SRC) 2017: Making a Difference, Muscat, Oman.

Faculty of Computing Sciences

Journal Publications

- Halibas, A. S., Sibayan, R. O., & Maata, R. L. R. (2017). The Penta Helix Model of innovation in Oman: An HEI perspective. *Interdisciplinary Journal of Information, Knowledge & Management*, 12, 159-174.
- Alani, A., Al-Khanjari, Z., Kalash, H. S., & Alshmmmary, Y. (2016). Novel algorithm of intrusion detection systems by using the images metadata to detect electronic crime in cloud computing. *International Journal of Software Engineering and Its Applications*, 10(4), 67-72.
- Velasco, R.M., Tagalog, H.C., & Domingo, S. (2016). Comparative analysis of the entrepreneurial dimensions of computing sciences and business studies students of Gulf College. *International Journal of Management and Applied Science*, 2(9), 108-115.
- Azawi, R.K., Faliti, F., & Al-Blushi, M. (2016). Educational gamification vs. game based learning: Comparative study. *International Journal of Innovation Management and Technology*, 7(4), 132-136.
- Halibas, A. S., & Cordova, R. (2017). The quality assurance in research of higher education institutions in Oman. *International Journal of Advanced Engineering and Management Research*, 2(2), 297-309.

Conference Publications

- Sudramurthy, B., Al Obaidy, M., & Kalash, H. (2016, October). *A comparative study on agile vs. network methodology*. Paper Presented at International Conference on Change, Innovation, Informative and Disruptive Technology (ICCIIDT-2016), London, UK.

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	2016-2017	13	10	23
	2015-2016	9	6	15
	2014-2015	3	3	6
	2013-2014	1	2	3
	2012-2013	1	0	1
Faculty of Business and Management Studies	2016-2017	11	3	14
	2015-2016	8	4	12
	2014-2015	6	3	9
	2013-2014	1	0	1
	2012-2013	1	0	1
Faculty of Computing Sciences	2016-2017	5	1	6
	2015-2016	3	7	10
	2014-2015	4	5	9
	2013-2014	3	1	4
	2012-2013	3	0	3

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.

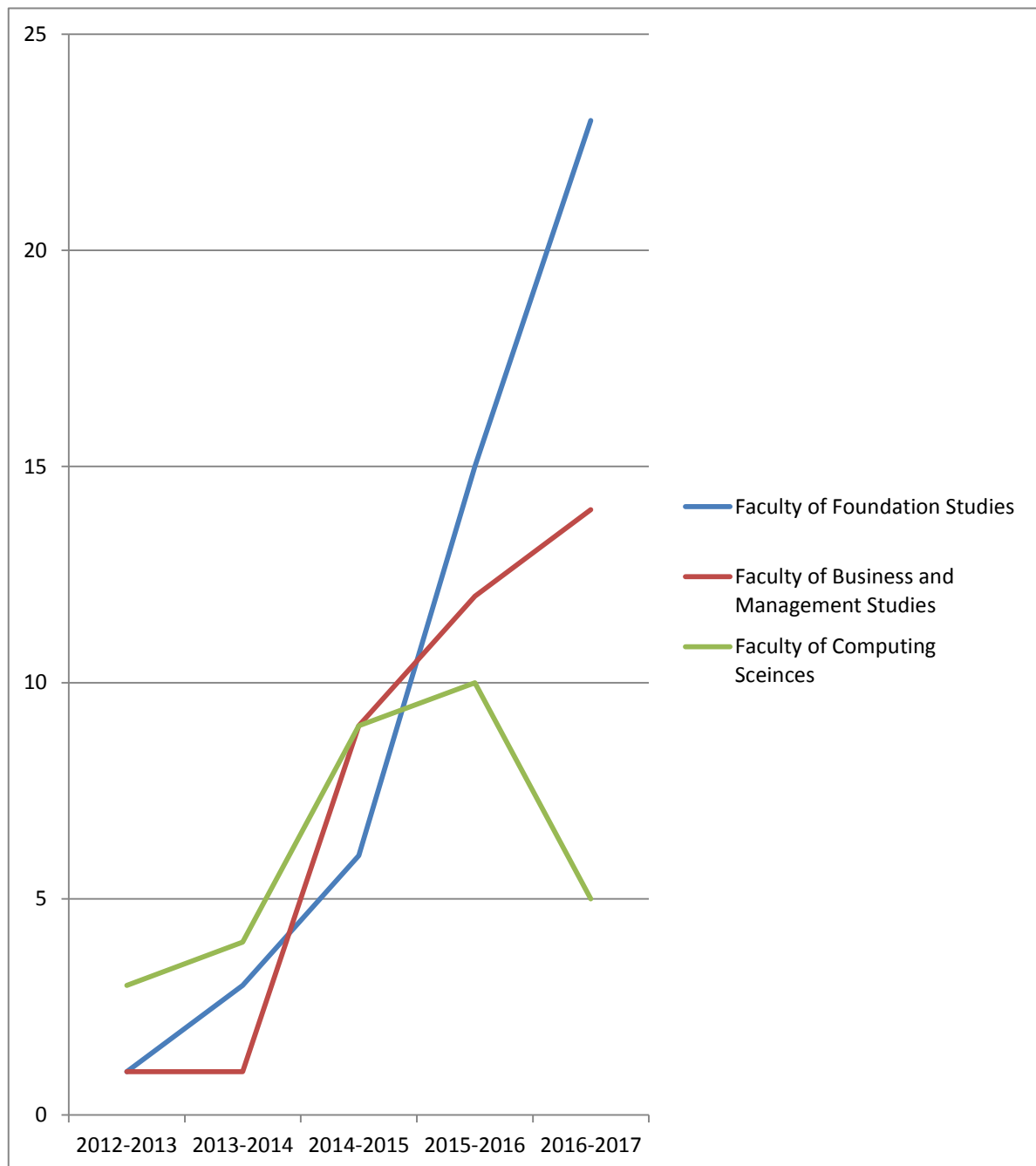


Figure 2: Number of Journal and Conference Publications at Gulf College

Research Workshops

Research and Entrepreneurship Workshops for GULF COLLEGE Staff and Students (Academic Year 2016-2017)			
No.	Title of the Workshop	Target Audience	Date
1	Turnitin and Moodle (as part of FBMS Extra-Curricular Activities)	Faculty of Business and Management Studies Staff and Students	November 2016
2	Harvard Referencing (as part of FBMS Extra-Curricular Activities)	Faculty of Business and Management Studies Staff and Students	November 2016
3	How to Distinguish Fake Journals from Genuine Ones	GC Academic Staff	May 2017
4	An Orientation Session on Research Writing (5 Sessions)	Faculty of Foundation Studies Staff	June- July 2017

Research Projects

Research Projects as Consultancy			
No.	Title of the Project	External Body	Date
1	Achieving Sustained Growth by Manufacturing Firms in Oman through Product Positioning Strategies	Ministry of Commerce and Industry (MoCI)	July 2017

Proposed Staff Research Workshops for AY 2017-2018

Number	Workshop Title	Workshop Objectives	Target Participants	Proposed Date	Responsible Person
1	GC Research Achievements to Date	<ul style="list-style-type: none"> To report the research achievements to the staff. To highlight the areas of strength and weaknesses in research. To see where we are in research and where we need to go? 	<ul style="list-style-type: none"> GC academic Staff/Researchers 	March 2018	Research Coordinators
2	Instigating Quality Teaching Process through Action Research	<ul style="list-style-type: none"> To describe qualitative research by contrasting it against quantitative data process. To introduce sample writing of qualitative study. To appreciate AR as tool in improving teaching performance. 	<ul style="list-style-type: none"> GC academic Staff/ Researchers 	March 2018	CRE Staff + Resource Speaker
3	Research Structure for different Journal Publication and Paper Submission	<ul style="list-style-type: none"> To provide a useful structure for organising research outline. 	<ul style="list-style-type: none"> GC academic Staff/ Researchers 	April 2018	CRE Staff
4	Understanding a Research Paper	<ul style="list-style-type: none"> To define and understand a research topic. To focus the research topic/idea. To narrow down research topic. To create a research question in order to address the research topic. 	<ul style="list-style-type: none"> New researchers 	May 2018	CRE Staff

Proposed Student Research Workshops for AY 2017-2018

Number	Workshop Title			
1	FURAP Orientation	<ul style="list-style-type: none"> To encourage undergraduates to seek careers in research. To enrich undergraduates' research learning experience. 	As part of FYPs	CRE Staff + Lecturers concerned
2	Orientation Workshop on Research Writing	<ul style="list-style-type: none"> To enhance the capacity of student researchers to engage in research writing. To define and understand a research topic. To focus your research topic/idea. To create a research question in order to address a research topic. 	As part of FYPs	CRE Staff + Lecturers concerned
3	Paraphrasing and Referencing System	<ul style="list-style-type: none"> To understand why we reference and how to avoid plagiarism? To have more confidence to use the tools to reference the research paper. 	17 December 2017	CRE Staff + Resource Speaker
4	Plagiarism and Turnitin	<ul style="list-style-type: none"> To inform the students what is plagiarism and how to avoid it? 	As part of ECAs	CRE Staff



Research Publication Guidelines

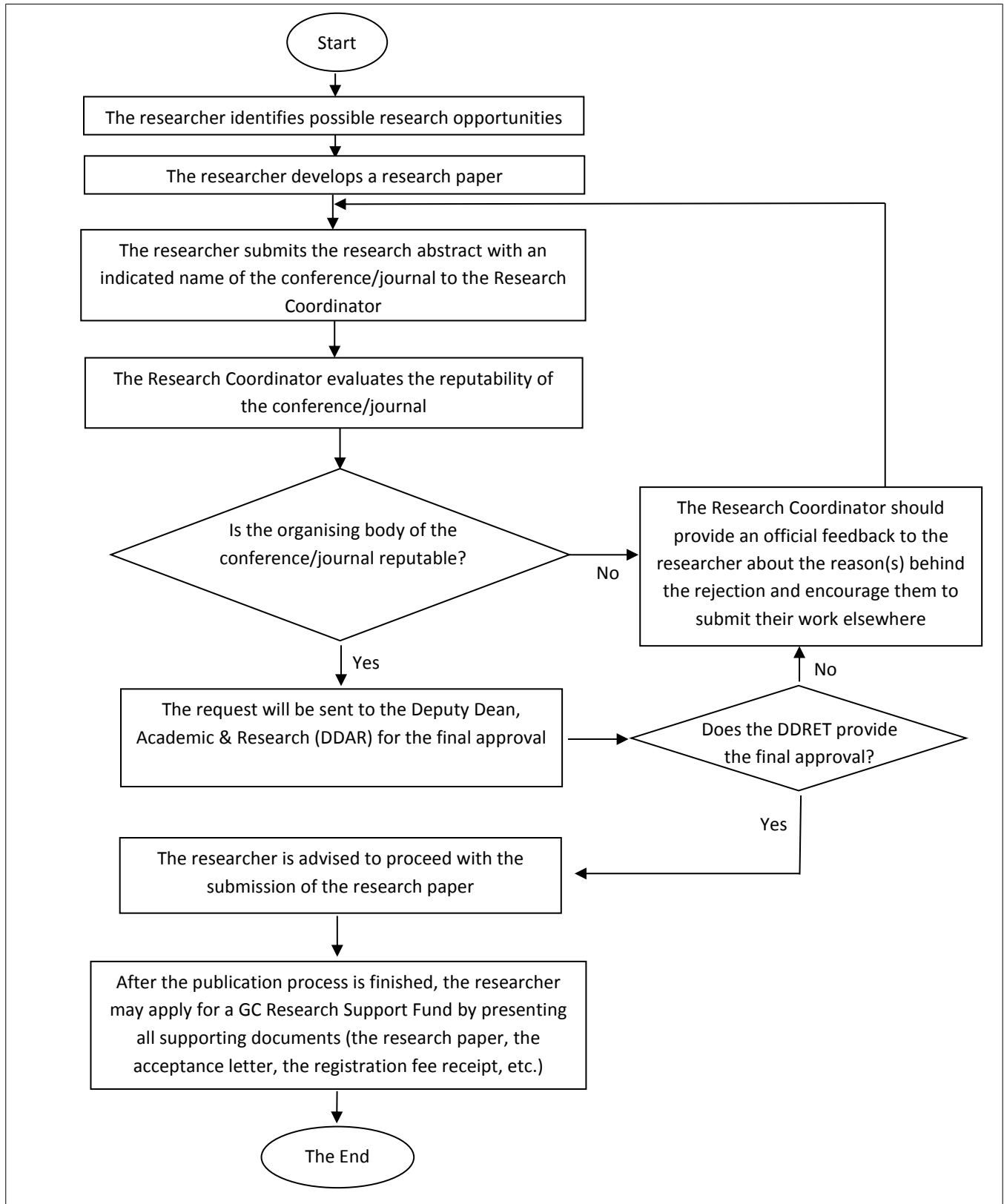


Figure 3: Conference and Research Publication Submission Guidelines

- Step 1: The researcher identifies the research opportunities in accordance with GC's mission and vision. The researcher must carefully review their research plan, considering all the organisational requirements and resources.
- Step 2: The researcher develops a research paper to be presented/published.
- Step 3: The Researcher submits the conference/journal information to the faculty Research Coordinator.
- Step 4: The Research Coordinator verifies the reputability of the conference organising body/journal.
- Step 5: If the conference/journal is reputable, the Research Coordinator will submit the application to the Deputy Dean, Academic & Research (DDAR) for the final approval.
- Step 6: Upon the approval of DDAR, the researcher will proceed with the submission of the research paper; otherwise, the researcher will search for other possible conferences/journals available.
- Step 7: After the presentation/publication of the research paper, the researcher will apply for GC Research Support fund, presenting all the required documents for the reimbursement.

Responsibilities

The Researcher shall:

- develop a research paper aligned to their interest, as well as GC's mission and vision;
- provide the Research Coordinator with the conference/journal information;
- present the Research Coordinator with all the required documents for the fund reimbursement.

The Research Coordinator shall:

- facilitate, guide and direct the researchers through activities such as awareness workshops;
- encourage the faculty members to conduct research projects;
- verify the reputability of the intended conferences/journals.

The HoF/DDAR shall:

- ensure the research is relevant to and consistent with GC's mission and vision;
- ensure the research plan addresses GC requirements, as well as personnel, cost and relevant requirements;

Prepared by: Centre for Research and Entrepreneurship (CRE)



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