

This document gives an overview of the statistics of published scholarly output, as per the data analysis tool (SciVal) provided by the Elsevier database for SCOPUS. For the College of Engineering (COE) at Imam Abdulrahman Bin Faisal University, over five years (2017 to 2021), a total of (408) journal papers (articles and reviews only) were published, 85% of which were among the Q1-Q2 (top 50% journals) categories. There is a clear trend of increase in the publications over the years, indicating that the college of engineering has a great potential for further development.

1. Total Number of Papers

Figure (1) summarizes the total number of published scholarly journal papers indexed in Scopus by faculty members of the COE starting from 2017 until 2021. A regular increase in the number of publications is noticed throughout the years.

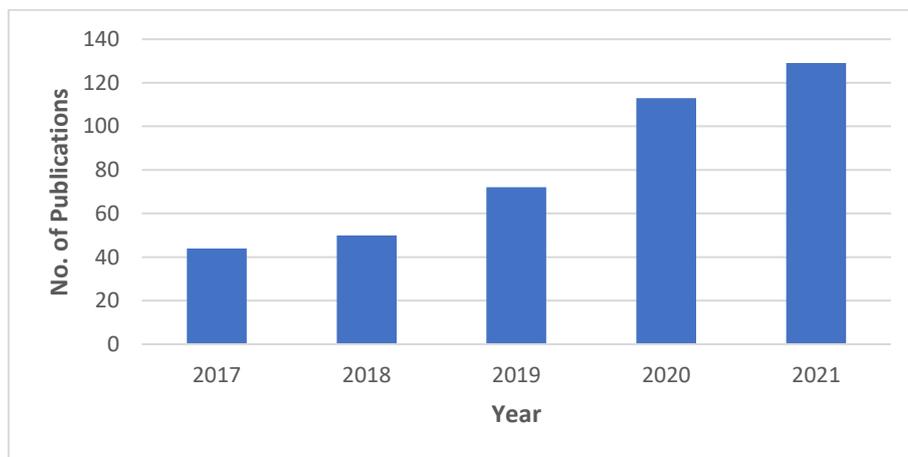


Fig. 1: Total number of journal papers versus the year of publishing.

2. Publications by CiteScore quartile

Publications of the COE show tendency towards higher-ranked prestigious journals. In 2021, the college publications with Q1 ranked journals presented 60% of total publications, which represents an escalating tendency towards higher ranks when compared to the 41% in 2017. Figure (2) illustrates the college publications per quartile in the years 2017 to 2021.

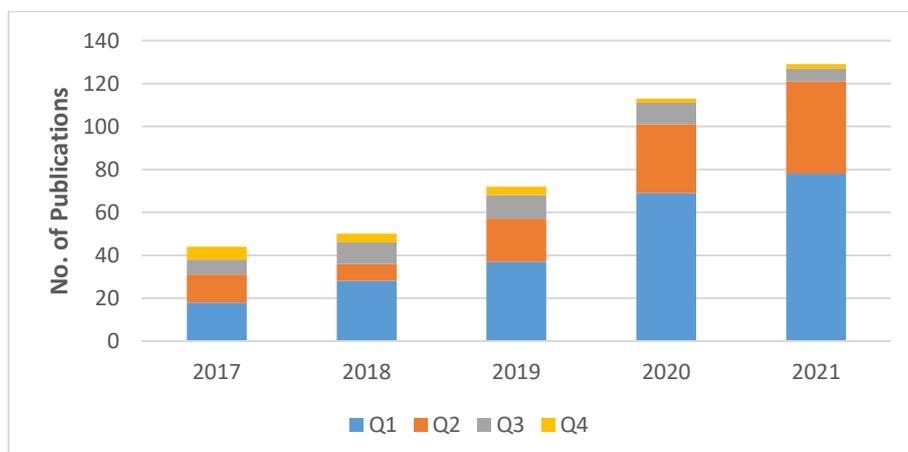


Fig. 2: Number of publications per quartile between 2017 and 2021.

3. Number of Papers per Department

Figure (3) shows the number of published journal papers indexed in Scopus for COE departments for the years 2017 until 2021.

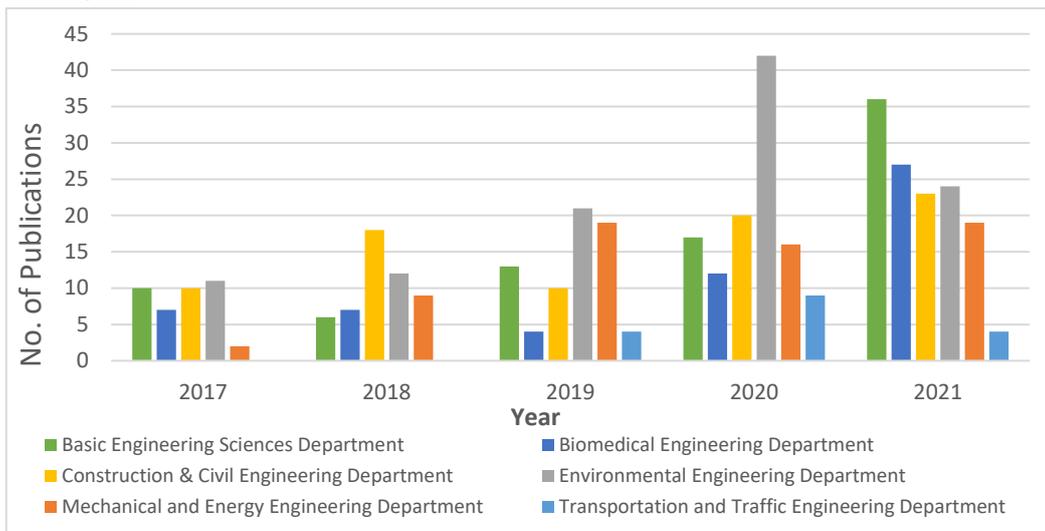


Fig. 3: Total Scopus publications per department.

4. Departments Publications per member

Figure (4) illustrates the number of published papers in Scopus indexed journals divided by the number of faculty members who contributed to publications in the respective department.

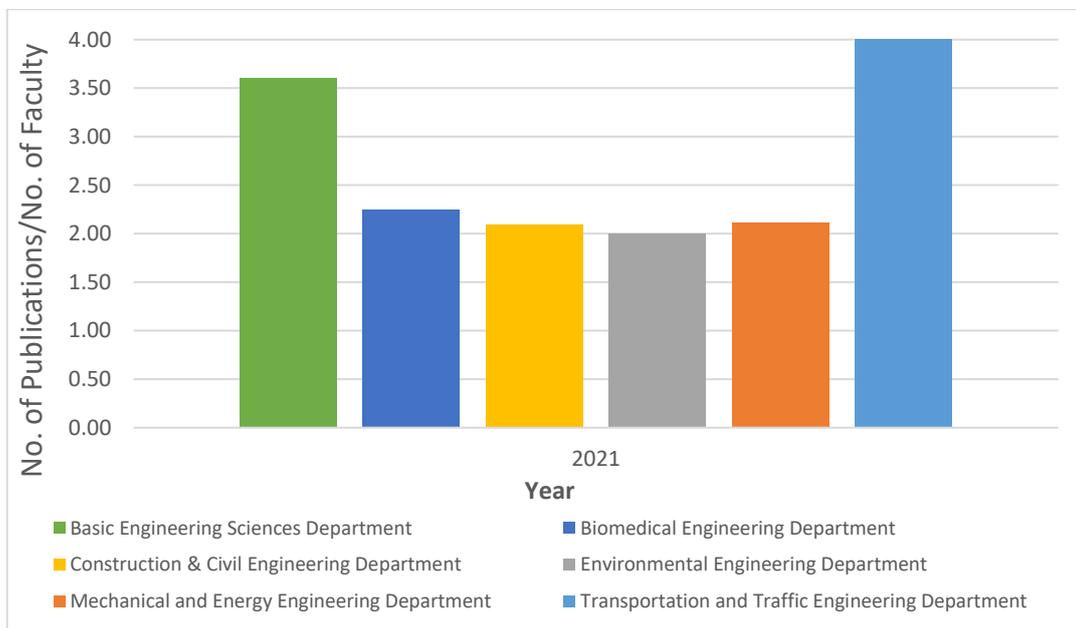


Fig. 4: Scopus publications per the number of faculty members in each department.

5. Active Faculty Members

The faculty contributed to journal papers published in 2021 according to SciVal are listed below.

Environmental Engineering:

1. Abdel-Magid, Isam Mohammed
2. Alagha, Omar
3. Anil, Ismail
4. Barghouthi, Mohammad Hisham
5. Blaisi, Nawaf I.
6. Khan, Gulraiz
7. Manzar, Mohammad Saood
8. Mu'azu, Nuhu Dalhat
9. Qureshi, Aleem
10. Yaman, Ayse B.
11. Yaman, Cevat
12. Zubair, Mukarram

Civil and Construction Engineering

1. Abuhajar, Osama
2. Al-Kutti, Walid A.
3. Aziz, Muhammad Arif
4. El-Shami, Mostafa M.
5. Islam, A. B. M. Saiful
6. Kazmi, Zaheer Abbas
7. Mahmoud, Sayed
8. Nasir, Muhammad
9. Salah, Ahmad
10. Salman, Alaa
11. Sodangi, Mahmoud

Biomedical Engineering

1. Ali, Syed Mehmood
2. Aljamaan, Ibrahim A.
3. Al-Naib, Ibraheem
4. AlOmari, Abdul Hakeem H.
5. Althobaiti, Murad
6. Alzahrani, Saleh I.
7. Ateeq, Ijlal Shahrukh
8. El Sahmarany, Lola
9. Hameed, Kamran
10. Hegazi, Mariam
11. Saleh, Gameel
12. Tamal, Mahbubunnabi

Basic Engineering Sciences

1. Ababneh, Deena H.
2. Ali, Saeed M.
3. Al-Sabbagh, Mutaz
4. Al-Zhour, Zeyad Abdel Aziz
5. Elsayed, Khaled A.
6. Haladu, Shamsuddeen Abdullahi
7. Kassim, Mohammed D.
8. Kayed, T. S.
9. Manda, Abdullah A.
10. Özdemir, Mehmet

Mechanical and Energy Engineering

1. Al-Amri, Fahd Ghallab
2. Ali, Sadaqat
3. Ali, Sajid
4. Elsayed, Amr Owes
5. Hariri, Nasir
6. Hassanain, Nagm E.A.M.
7. Maatallah, Taher S.
8. Saeed, Farooq
9. Saleem, Muhammad

Transportation and Traffic Engineering

1. Dalhat, M. A.

6. Number of Ongoing Projects

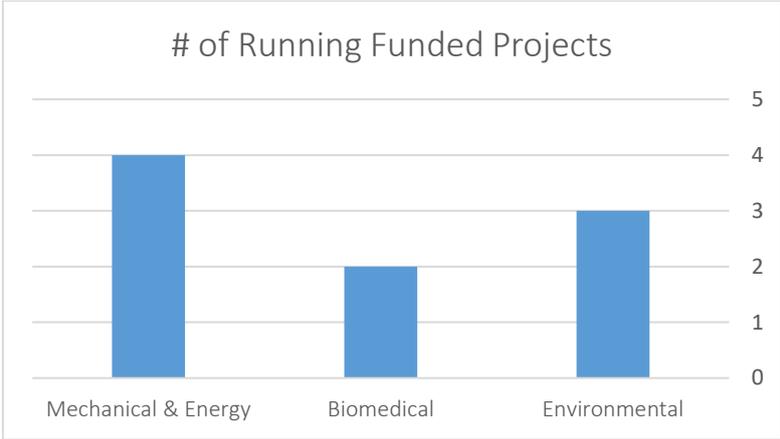


Fig. 5: Number of running projects per department where the principal investigator is from the COE.

7. Number of Publications for Faculty in 2021

Figure 6 presents the number of published articles during the year 2021 for the faculty members in SCOPUS indexed journals.

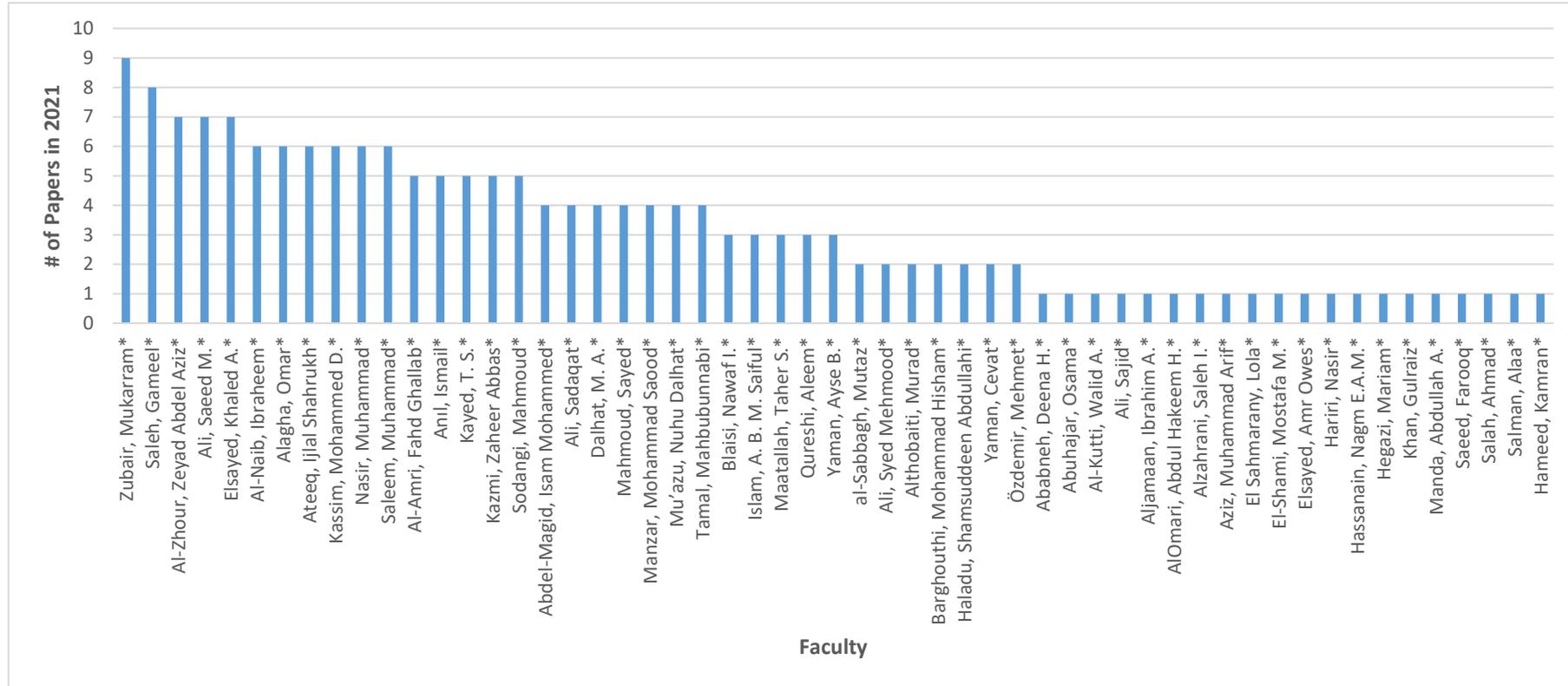


Fig. 6: Number of publications for faculty members in the year 2021.

8. Number of Patents

Figure 7 presents the number of granted patents for faculty members of the COE starting from 2017 until 2021.

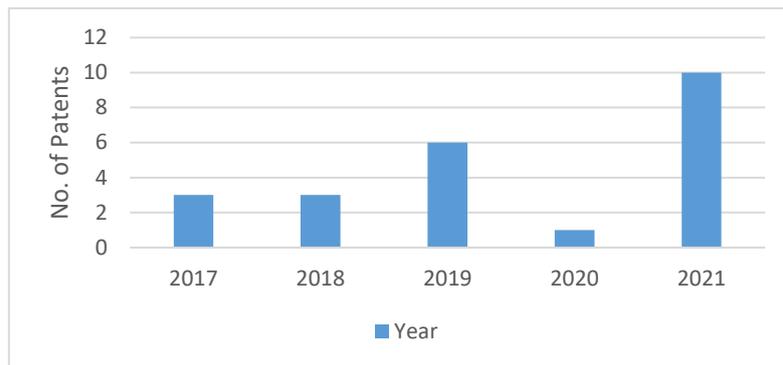


Fig. 7: Number of patents in College of Engineering from 2017 until 2021.

Figure 8 shows the number of under process, filed, and granted patents affiliated to college departments from 2017 until 2021.

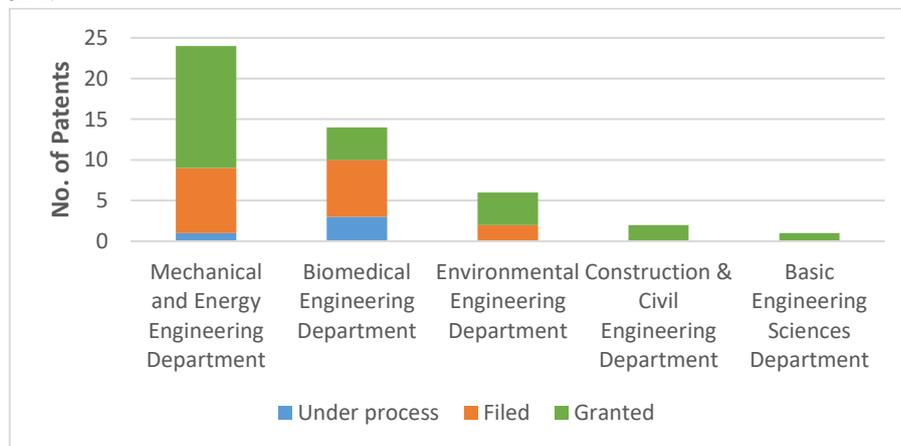


Fig. 8: Number of under process, filed, and granted patents per department.

Figure 9 illustrates the number of granted patents per faculty while affiliated to the COE at IAU, from 2017 until 2021.

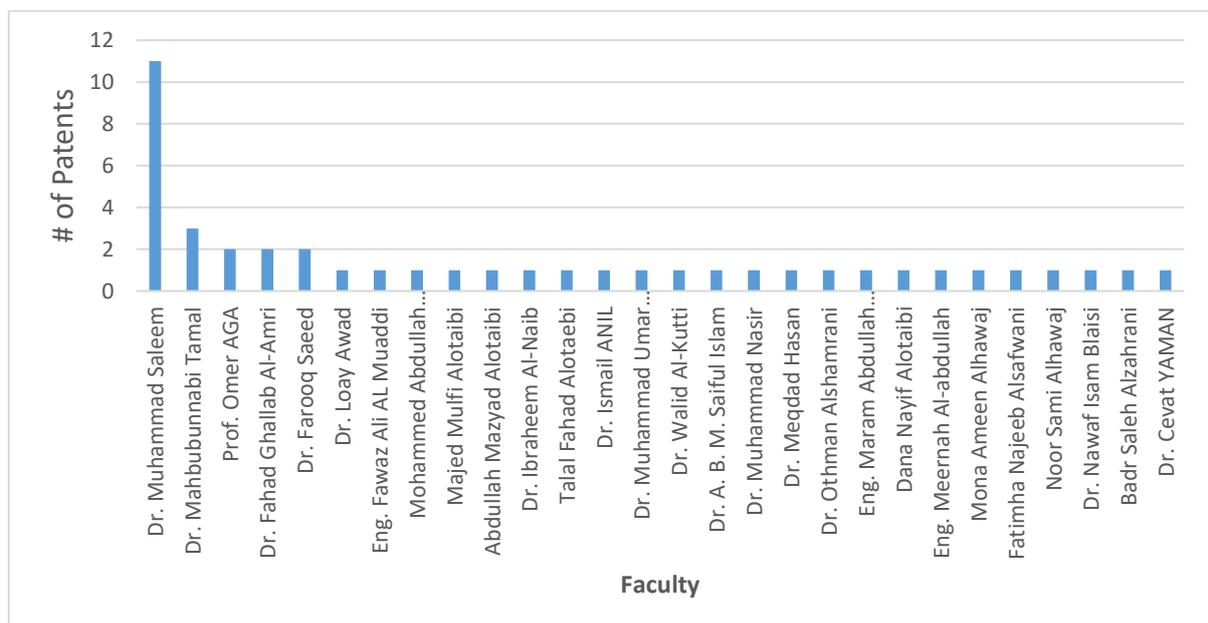


Fig. 9: Number of granted patents for faculty members from 2017 until 2021.

Notes:

- 1- All the data of figures 1-4 and 6 as well as the names on page 3 were taken from SciVal as of 12:00 PM on 23/2/2022.
- 2- SciVal still shows 2021 data as not complete. Metrics for those incomplete years can vary more over time than for the complete years. Hence, there could be some updates for that later on.
- 3- Figure 5 data was taken with help of the college of engineering scientific research committee members.
- 4- Figures 7-9 were generated based on the received data from the PTTO sent on 15/2/2022.
- 5- Each faculty must have one Scopus profile only. This video "https://www.youtube.com/watch?v=voLY3DGTZXw&ab_channel=OkStateLibrary" explains how to merge the profiles.