

# Social Media for Learning in Higher Education Conference 2021

## Using OneNote and MS Teams for Remotely Supervising Engineering Students

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### Abstract

Social media platforms offer users a variety of communication possibilities, thanks to their flexibility and their appeal for making connections with others [1]. For example, applications such as OneNote and MS Teams enable students and teachers to exchange voice, images, videos and text all as part of a message [2]. This is particularly beneficial in an online or transnational education (TNE) programme, where there is a lack of shared time and physical space between students and their teachers [3,4]. Therefore, during this presentation we discuss our findings from surveys that were completed by 3<sup>rd</sup> and 4<sup>th</sup> year electronic engineering students, which clearly demonstrated that a combination of MS Teams and OneNote benefited student learning. According to their responses, the use electronic notebooks such as OneNote had a positive impact on supporting the delivery of a new electronic engineering course. Moreover, 80% of students were highly satisfied with the effectiveness of social media tools during the supervision of their capstone final year project [3,4,5].

**Conference Link:** [here](#).

### References

- [1] Ghannam, Rami, Sajjad Hussain, Qammer H Abbasi and Muhammad Ali Imran. 2020. Remote supervision of engineering undergraduates in a transnational programme between Scotland and China. *International Journal of Engineering Education* 36 (4): 1333–1339.
- [2] Ghannam, R. 2020. Do You Call That a Lab Notebook? *IEEE Potentials* 39 (5): 21–24. <https://doi.org/10.1109/MPOT.2020.2968798>.
- [3] Ghannam, R., S. Hussain, H. Fan and M. Á. C. González. 2021. Supporting Team Based Learning Using Electronic Laboratory Notebooks: Perspectives from Transnational Students. *IEEE Access* 9:43241-43252. doi: 10.1109/ACCESS.2021.3065611.
- [4] Ghannam, Rami, and Wasim Ahmad. 2020. Teaching teamwork to transnational students in engineering and technology. *Compass: Journal of Learning and Teaching* 13 (2): 1–17.
- [5] Fan, H., X. Wu, R. Ghannam, Q. Feng, H. Heidari and M. A. Imran. 2020. Teaching Embedded Systems for Energy Harvesting Applications: A Comparison of Teaching Methods Adopted in UESTC and KTH. *IEEE Access* 8:50780–50791. <https://doi.org/10.1109/ACCESS.2020.2980336>.