

#	Year	List of Graduation projects
1	2015	<p>“Identify Objects for Visually impaired Using Human-Powered Technology “ Students : Reem AlDosari, Sara AlKathiri, Hessah AlMotiry, Hind Abahussain, Lama AlHammad, Masheal Alshehri,</p> <p>Awards and publications:</p> <ul style="list-style-type: none"> • Best Paper award in the 2015 IEEE International Conference on Cloud Computing (ICCC), to the paper with title “Third Eye: An Eye for the Blind to Identify Objects Using Human-Powered Technology • Lamya Albraheem, Reem AlDosari, Sara AlKathiri, Hessah AlMotiry, Hind Abahussain, Lama AlHammad, Masheal Alshehri, Toward designing efficient application to identify objects for visually impaired, in The 14th IEEE International Conference on Computer and Information Technology (CIT 2014) 2014, IEEE: Xi'an, Shaanxi, China
2	2016	<p>Location Based Content Using iBeacon Technology Students : Jawaher Al-Yahya, Amal Alabdulkarim, Nouf Al-Rowais, Sara Al-Shathri, Lamees Alsuhaibani</p> <p>Awards:</p> <ul style="list-style-type: none"> • Best Poster Presentation Award, in the 8th Annual Undergraduate Research Conference on Applied Computing, Zayed University, Dubai, UAE, 2016. • 2nd Best Graduation Project, in the Annual Computer Science Graduation Projects Competition, Advanced Electronics Company and King Saud University, Riyadh, Saudi Arabia, 2016 • 2nd Best Graduation Project, in the 5th Annual IT Project Fair, King Saud University, Riyadh, Saudi Arabia, 2016 <p>Publications:</p> <ul style="list-style-type: none"> • L. AlBraheem, J. Al-Yahya, N. Al-Rowais, S. Al-Shathri, L. Alsuhaibani, and A. Alabdulkarim, "Location based content delivery using iBeacon Technology," Proceedings of the SAI Intelligent Systems Conference (IntelliSys 2016), London, UK, 21-22 September 2016, Springer • L. AlBraheem, J. Al-Yahya, N. Al-Rowais, S. Al-Shathri, L. Alsuhaibani, and A. Alabdulkarim, "Location Aware System for Content Delivery using Bluetooth Low Energy Technology," Proceedings of the 18th International Conference on Information Integration and Web-based Applications and Services - iiWAS '16, Singapore, 28-30 November, 2016, ACM, 394-400 DOI: https://doi.org/10.1145/3011141.3011187. • Al-Yahya J., Al-Rowais N., Al-Shathri S., Alsuhaibani L., Alabdulkarim A., AlBraheem L. (2018) Toward Designing an Efficient System for Delivering Contextual Content. In: Bi Y., Kapoor S., Bhatia R. (eds) Intelligent Systems and Applications. IntelliSys 2016. Studies in Computational Intelligence, vol 751. Springer, Cham
3	2017	<p>Developing A Smart City Project Using Proximity Marketing Technology Students : Amal Al-Abdulkarim, Arwa Al-Dosari, Leena Al-Abdulkarim, Raghad Al-Khudair, Wafa Al-Jasser, Weam Al-Angari</p> <p>Publications: L. AlBraheem, A. Al-Abdulkarim, A. Al-Dosari, L. Al-Abdulkarim, R. Al-Khudair, W. Al-Jasser, W. Al-Angari, " Smart City Project using Proximity Marketing Technology “, Proceedings of the SAI Intelligent Systems Conference (IntelliSys 2017), London, UK, 7-8 September 2017.</p>
4	2018	<p>GeoLiFi Based System for Smart Cities Students: L. H. Alhudaithy, A. A. Aljaser, M. R. Aldhafian and G. M. Bahliwah</p> <p>Publications: - L. I. Albraheem, L. H. Alhudaithy, A. A. Aljaser, M. R. Aldhafian and G. M. Bahliwah, "Toward Designing a Li-Fi-Based Hierarchical IoT Architecture," in IEEE Access, vol. 6, pp. 40811-40825, 2018. doi: 10.1109/ACCESS.2018.2857627</p> <p>Under reviewing: L. I. Albraheem, L. H. Alhudaithy, A. A. Aljaser, M. R. Aldhafian and G. M. Bahliwah, Towards smart sustainable cities using Li-Fi technology: geo-location infrastructure utilizing LED street lights, (SCIE indexed journal)</p>

5	2019	<p>Assets Localization System Using Light Fidelity Technology in Smart Building Student: Haifa Alshathri , Raghad Alsheddi , Ruba Alotaibi , and Ghaida Alkharashi</p> <p>Manuscript under review: Lamya Albraheem , Haifa Alshathri , Raghad Alsheddi , Ruba Alotaibi , and Ghaida Alkharashi , Hybrid Asset Localization Using Light Fidelity and Bluetooth Low Energy, (SCIE indexed journal)</p>
6	2021	<p>IoT based Smart Plugs electricity monitoring system Students: Haifa Alajlan, Lenah Abo Alkhair, Najoud aljenedal, Sarab Bin Gwead</p> <p>Working papers: Lamya Albraheem, Haifa Alajlan, Lenah Abo Alkhair, Najoud aljenedal, Sarab Bin Gwead , Toward designing an IoT based Smart Plugs based energy monitoring system</p>
7	2021	<p>Geospatial Analysis of Solar Energy in Riyadh using GIS-AHP Based Technique Master student: Leena Alabdulkarim</p> <p>Manuscript under review : Lamya Albraheem and Leena Alabdulkarim, Toward designing Geospatial Analysis approach of Solar energy in Riyadh using GIS and Remote sensing techniques , (SCIE indexed journal)</p> <p>Lamya Albraheem and Leena Alabdulkarim, Geospatial Analysis of Solar Energy in Riyadh using GIS-AHP based Technique , (SCIE indexed journal)</p>
8	2021	<p>Indoor Localization Approach using Hybrid approach of VLC and BLE Master Student: Sara Alawad</p> <p>Working papers: Lamya Albraheem and Sara Alawad, Indoor Localization Approach using Hybrid approach of VLC and BLE</p>