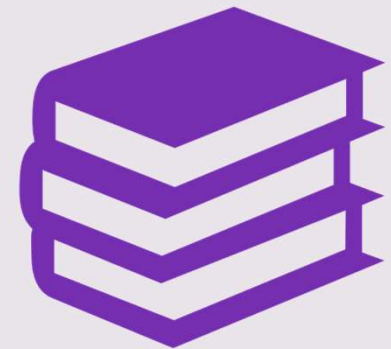
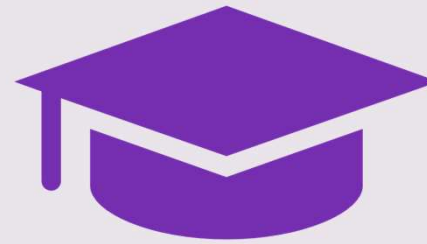


Amarjot Saggu (AMIChemE)

- BEng (Hons) Chemical Engineering at Aston University (Birmingham, UK) from 2015-2019
- Industrial placement year with GE Water (now SUEZ Water) from June 2017-July 2018
- MSc Advanced Chemical Engineering at The University of Manchester from 2019-2020
- Currently working at Zimmer Biomet (Bridgend) as a Graduate Process Engineer

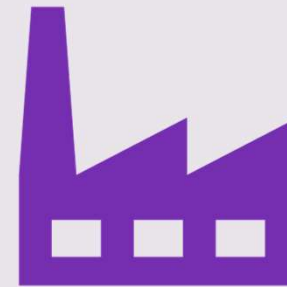
BEng Degree- Aston University

- Modules on transfer processes, reaction engineering, separation processes etc.
- Dissertation relating to the design of a reactor for the production of Propylene Oxide



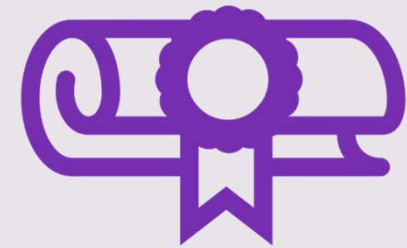
Placement Year GE Water- now SUEZ Water (Peterborough, UK)

- Mechanical Engineering Intern during the 2017-2018 academic year
- Design and build of water treatment equipment for a wide range of industries
 - Small and large scale project responsibilities
 - Putting university knowledge into real life, e.g. HAZOPs
 - Learnt how to become effective in the workplace



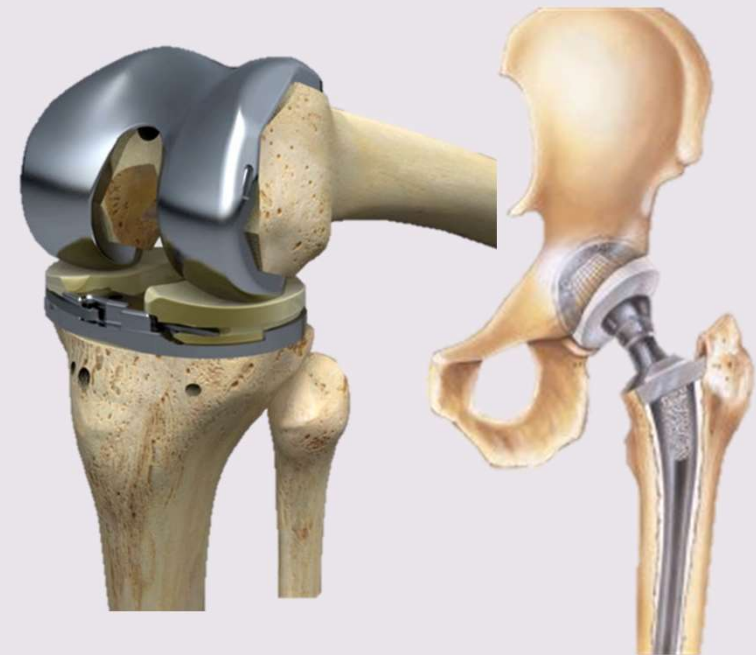
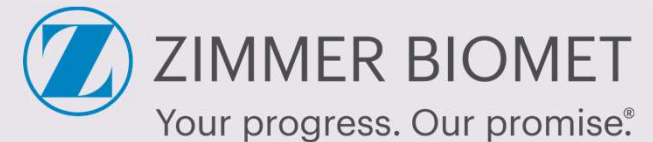
MSc- University of Manchester

- Modules included: nuclear fuel cycle, renewable energies, oil and gas processing, energy transfer
- Dissertation relating to the molecular modelling of water and carbon dioxide molecules during CCS
- Chose a masters as there was more flexibility in module choice and wanted to prepare for chartership



Graduate Role (Zimmer Biomet, Bridgend)

- Manufacture and distribution of orthopaedics
- Graduate Process Engineer as part of the Projects Engineering team
- Current role working with the MDR (Medical Device Regulations) team
- Other more hands-on projects
- Able to structure my projects around preparing for chartership
- Other training opportunities e.g. ILM Course
- Women's network and community engagement projects



Advice for soon-to-be graduates

- Applying for graduate schemes is tough- especially with the pandemic
- You will get rejections! Don't let this define your worth!
- Practise interview questions! Applying for graduate roles means multiple interview stages in most cases
- Cardiff Capital Region is a great company to look for graduate roles in Wales



Advice for soon-to-be graduates

- Make sure your CV is up to date and concise, engineering companies want to see how you work as a team, have a good work ethic and have a focus on process efficiency in any sense- even through non engineering related work



Advice for soon-to-be graduates

- Employers like to see your involvement in things like IChemE to demonstrate your commitment to your own personal development and progression in the industry
- I found I got more responses from employers after adding “AMIChemE” after my name on my CV
- You can add these letters after you graduate from your undergraduate degree



Advice for soon-to-be graduates

- Be open to any industry in STEM
- Being an effective person in the workplace is more to do with who you are as a person as opposed to your academic ability



Thank you!

- My email is: Amarjot.Saggu@zimmerbiomet.com
- Please get in contact with any questions or advice on:
 - Graduate roles
 - Applications to graduate schemes
 - CV advice
 - Doing a masters
 - Or anything else I mentioned during my presentation

