MSc Renewable Energy and Power Systems Management and MSc Internet of Things with Entrepreneurship

This online chat session is for students interested in studying our MSc Renewable Energy and Power Systems Management course and MSc Internet of Things with Entrepreneurship course. The session will be run by academic staff, giving you the opportunity to ask questions about your chosen course at City, University of London. As this is a typed chat group session, you will be able to see the answers to questions asked by other applicants.

Thank you for joining us for today’s CityChat session. This session is for students interested in studying our MSc Renewable Energy & Power Systems Management course and the MSc Internet of Things with Entrepreneurship course. This session runs from 16:30 - 17:30 (GMT). This is an open chat session for you to ask any questions you have regarding these courses and life at City, University of London. During the session, we may also share videos, polls or documents related to your course.

To ask a question, please type it in the chat box. Your question will not post straight away - it will be sent to our Moderators who will type an answer back. Once their answer is complete, it will be published with your question. Please make sure you say which course you have applied to when you post your question. You are also welcome to post just saying hi and introducing yourself.

Your moderators today are Dr Dan Nankoo (Programme Director of MSc Renewable Energy & Power Systems Management), Professor Tom Chen (Programme Director of MSc Internet of Things with Entrepreneurship), Oranoos Painda (Course Officer) and Shanice Harrison (Recruitment Team).

Hi, Tom Chen here for MSc IoT with Entrepreneurship

Hi, my name is Oranoos and I am the course officer for MSc Renewable Energy and Power Systems Management, and MSc Internet of Things with Entrepreneurship. Please feel free to ask any questions.

Hello, I am Dr. Daniel Nankoo, programme director for the MSc Renewable Energy and Power Systems Management

Hi, my name is [masked]. I am interested in the Renewable Energy and Power Systems Management.

Hello [masked], welcome to the chat session. And thank you for your interest in our programme.

I am wondering what is the study scheme of the course, for example the reading list and what kind of past researches did the previous students do?

Well we have 8 taught modules, 7 of which have exam and coursework, and the other is just coursework based. Then we also have a dissertation (project) module. Students have researched a variety of topics related to the power and energy sector, both technical and economical.
I am wondering what is the study scheme of the course, for example the reading list and what kind of past researches did the previous students do?

For more information on the course, including the module list and descriptions please visit https://www.city.ac.uk/study/courses/postgraduate/renewable-energy-and-power-systems-management. If you scroll down you would also be able to download the programme specification.

**MSc Renewable Energy and Power Systems Management**

Renewable Energy and Power Systems Management MSc course - Accredited by the IET, develop your engineering skills within the renewable energy sector.

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City, University of London: School of Mathematics, Computer Science and Engineering tour

https://youtu.be/Y8U5dK9zlml

Thank Oranoos, I have checked the website before. However, I am currently a Graduate Diploma in Science and Engineering Student at INTO City. I wanted to know more about the reading list about the modules taught in the courses to see if I am suit with the course since I am also interested in Energy and Environmental Technology and Economics as well. I want to know more detail the different between these two courses.

I see, if you email smcseng@city.ac.uk then I will be able to send you the module specifications which includes the reading list.
Thank for information, I already send the email. However, regarding IOT with entrepreneurship, what kind of project and design is involve in this course? Is it more on computer science based or engineering based?

Hi, thanks for the question about IOT with Entrepreneurship. Students do a group design project and then an individual dissertation project. It is an engineering programme, not computer science although students learn a little programming. Python in particular. For the group design project this year, the students are designing “smart lamp posts” - converting lamp posts to charge electric vehicles. The project is being mentored by a small company Intelicasa which designs smart homes. Happy to tell you more if you’re interested. We try to get companies involved in the projects as much as possible.

Thank Prof. Chen for your detail information, so what kind of engineering based knowledge does the student required to have? Because I see the courses modules for example IOT technologies is more on electronic engineer and IOT security are more on computer science. How does the course modules could lead students to decide and work on a project?

A basic knowledge of electronics and maybe communications would be useful but the programme is fairly self contained. There is a two-term module IOT Technologies that you mentioned that covers the necessary topics - electronics, sensors, communications. IOT Security is both engineering and computer science, it kind of overlaps both. About projects, we like to have companies suggest ideas, for example, the current group project on smart lamp posts was suggested by Intelicasa. We have other companies like Gmerv and Device Authority which have suggested project ideas also.

Thank Prof Chen, Does the project the student do alongside with the company work in progress or the student need to build it from ground up for example the Smart Lamp post you mentioned. Does the students design the circuit and everything?

We’d like to have the company mentor the project, ie, monitor progress at intervals and give advice. Projects are mostly design on paper (working out the engineering challenges) but students can build a prototype if they want - there is a budget for that.

Thank you for your interest in our programmes Sotheavatana. If you have any further questions, please email smcsep@gcity.ac.uk.
This session has now ended. Thank you for joining us for today's chat. If you have any questions, please email pgenquiries@city.ac.uk

Thank you for all the information