



CENTRE FOR RENEWABLE AND SUSTAINABLE ENERGY STUDIES

Postgraduate Diploma in Engineering (Mechanical Engineering) in Renewable and Sustainable Energy Studies 2020

Scope:

This postgraduate diploma (Pg Dip in Eng) is aimed at prospective students with a BTech in engineering or BSc degree who want to gain additional background in renewable energy with a strong emphasis on the sustainability of the resources and technologies. The programme consists of 8 postgraduate modules of at least 15 credits each, normally on the 700 level. Most of the modules are presented by the Faculty of Engineering and the School of Public Leadership at Stellenbosch University.

Modules:

The PG Dip (Mechanical Engineering) in Renewable & Sustainable Energy:

Required Modules:		
Renewable Energy Systems	714	Department of Mechanical and Mechatronic Eng
Renewable Energy Policy	771	School of Public Leadership
Choose four of:		
Sustainable Development	771	School of Public Leadership
Renewable Energy Financing	771	School of Public Leadership
Bio-Energy	744	Department of Process Engineering
Thermal Energy Systems	744	Department of Mechanical and Mechatronic Eng
Introduction to Solar Energy	744	Department of Mechanical and Mechatronic Eng
Wind Energy	744	Department of Mechanical and Mechatronic Eng
Ocean & Hydro Energy	771	Department of Mechanical and Mechatronic Eng
Advanced PV Systems	744	Department of Electrical and Electronic Eng
Integrated Supply Side Technology	774	Department of Electrical and Electronic Eng
Energy Storage Systems	774	Department of Electrical and Electronic Eng
<i>Prospective students should note that the modules offered to Pg Dip in Eng students will be revised every year, taking into account the fast changing context of renewable and sustainable energy, and the availability of experts in these fields.</i>		
Students may apply to the Postgraduate Coordinator for recognition of modules done at other departments or institutions. However, no recognition can be granted for modules done as part of another qualification.		

Duration:

One year full-time, or two years part-time (all students are registered as full-time students).



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