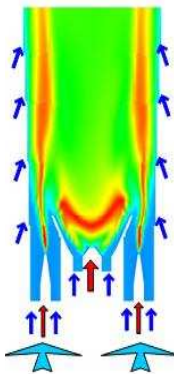
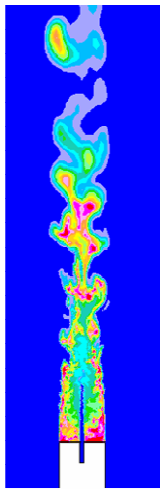
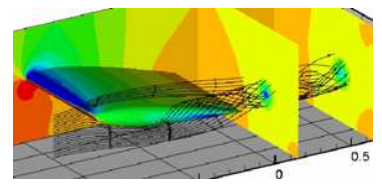
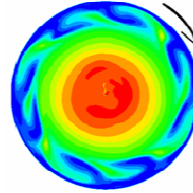
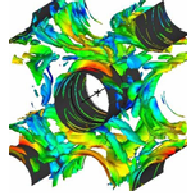
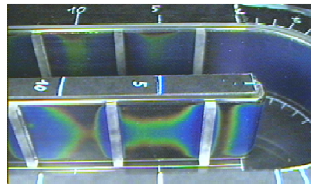
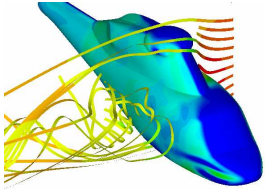


# M.Sc. Thermal Power & Fluids Engineering

**For Graduates and Professionals in Science and Engineering who wish to enhance their expertise in thermodynamics, fluid mechanics and heat transfer.**

Students will develop competence in state-of-the-art analytical, computational and experimental methods, for both industrial and research applications.



## Objectives:

- To produce world-class postgraduate specialists with an excellent understanding of **fundamental heat and fluid flow processes**.
- To equip graduates with the necessary skills to apply their expertise to industrial and academic problems.

## Structure:

A taught element of 120 credits and a research project of 60 credits:

### Compulsory Modules:

- Fluid Mechanics
- Engineering Heat Transfer
- Research Methods
- Computational Fluid Dynamics 1
- Gas-Turbines and Fuel Cells
- Research Planning

### Optional Modules:

- Combustion and I.C. Engines
- Computational Fluid Dynamics 2
- Advanced Experimental Methods
- Advanced Turbulence Modelling

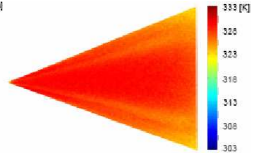
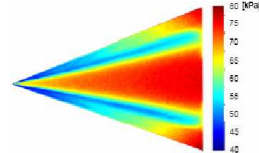
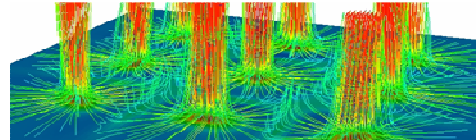
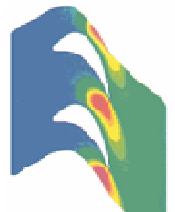
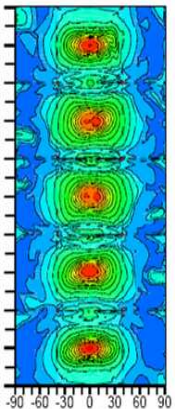
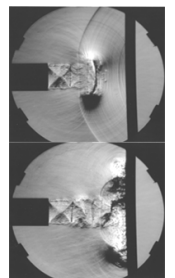
### Research Project:

- Choice of active research topics

## Teaching Staff:

*Dr R Prosser, (Course Director)*

Prof H Iacovides, Prof B Launder, Prof D Laurence, Prof A Turan, Dr J Chinn, Mr D Cooper, Dr M Cotton, Dr T Craft, Dr N Hanspal, Dr K Kontis, Dr A Nasser, Dr S Rigopoulos, Dr A P Watkins, Dr Y Zhang, Dr S Zhong. (Teaching Staff may vary)



**For further details visit the School's postgraduate web pages:**  
[www.mace.manchester.ac.uk/postgraduate/taught/thermal/index.html](http://www.mace.manchester.ac.uk/postgraduate/taught/thermal/index.html)

### Formal Enquiries:

Contact the Postgraduate Admissions Officer, Olive Mills  
email: olive.mills@manchester.ac.uk, tel: +44 (0)161 306 3754

### Postal Address:

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