

<p><b>Title:</b></p> <p><b>The Role:</b></p>	<p><b>Assistant Lecturer in Mechanical Engineering – Permanent Whole Time (PWT)</b></p> <p>The Department of Mechanical &amp; Industrial Engineering is one of three departments in the School of Engineering and presently has over 450 full-time and part-time students registered on full- and part time programmes at levels 6, 7, 8, 9 and 10. The department offers programmes in the fields of Agricultural, Biomedical, Energy, Mechanical and Manufacturing Engineering. In partnership with the Irish MedTech Association, it recently introduced HC/BEng Manufacturing Engineering programmes for the new national apprenticeships of manufacturing technician and engineer.</p> <p>The lecturer will join an enthusiastic professional team in the Department of Mechanical &amp; Industrial Engineering and take a strong role in the development and delivery of modules associated with the Department’s programmes.</p> <p>The lecturer may teach various modules related to any of the programmes in the department. It is expected that the lecturer will take a particular interest in and foster the development of a number of curriculum topics. Part of this responsibility will involve collaboration with industry partners and other third-level institutions including the Connacht Ulster Alliance (CUA), for example.</p> <p>The lecturer will join curriculum development teams to research and develop programmes and modules at all levels for full-time and part-time students. The lecturer will be expected to develop ‘best practice’ pedagogic methods that enhance the student’s learning in context. The teaching emphasis is on the development of relevant skills through the use of industry standard practices and has recently steered toward more student-centred delivery and assessment.</p> <p>Continuing staff development is encouraged and the lecturer will be expected to avail of staff development in academic practice and cognate disciplines.</p> <p>A significant part of the lectureship involves research and it is expected that the successful candidate will bring a strong interest and capacity for research. The lecturer will be expected to participate in strengthening the existing research teams. These teams are expected to seek external research funding, foster strong relationships with industry and appropriate stakeholders, disseminate the work of the team to establish a reputation with stakeholders, and importantly, inform the teaching and learning of students on programmes at levels 6, 7, 8, 9 and 10. In doing so the candidate will be expected to supervise postgraduate masters and doctoral students.</p> <p>The post-holder will be responsible to the Head - Department of Mechanical &amp; Industrial Engineering.</p>
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<p><b>Title:</b></p>	<p><b>Assistant Lecturer in Mechanical Engineering – Permanent Whole Time (PWT)</b></p>
<p><b>Location:</b></p>	<p>Galway</p>
<p><b>Reporting To:</b></p>	<p>Head of Department of Mechanical &amp; Industrial Engineering</p>
<p><b>Requirements:</b></p>	<p><b>Minimum:</b></p> <ul style="list-style-type: none"> <li>• An Honours degree (2.2 or higher) in a Mechanical Engineering (or closely related) Level 8 degree [as specified in the National Framework of Qualifications (NFQ)] or equivalent.</li> <li>• Three years relevant post-qualification experience.</li> <li>• The recommended candidate must also pass a medical examination prior to taking up duty.</li> </ul> <p><b>Desirable:</b></p> <ul style="list-style-type: none"> <li>• A master’s or doctorate in an area relevant to mechanical or manufacturing engineering.</li> <li>• A particular expertise in one or more of the following:           <ul style="list-style-type: none"> <li>▪ Manufacturing engineering systems and methods.</li> <li>▪ Product design.</li> <li>▪ Fluids/ Hydraulics/ Automation.</li> </ul> </li> <li>• Professional engineering experience in an industrial environment relevant to manufacturing engineering practice.</li> <li>• Research interests in aspects of manufacturing applications.</li> <li>• Excellent communication and presentation skills.</li> <li>• Good interpersonal skills and a demonstrated ability to work in teams.</li> <li>• 6-Sigma and Lean Methods.</li> </ul>
<p><b>Duties:</b></p>	<p>The appointee will play an active role in the academic direction of courses including teaching, research, academic assessment and academic administration. The appointee should carry out such duties as are assigned to him/her in accordance with collective agreements arrived at from time to time and authorised by the Minister for Education and Skills including but not limited to:</p> <p>(a) Teaching such assigned classes as deemed appropriate by the management of the Institute, day or evening, up to 630 hours per annum including supervision of post-graduate students where appropriate. There will be a norm of 18 class contact hours</p>

per week, which may be varied by Institute management from 16 to 20 following consultation with the Assistant Lecturer.

A weighting of 1.25 will apply to hours worked after 6 p.m.

(These arrangements are subject to collective agreements arrived at from time to time and authorised by the Minister for Education and Skills).

- (b) Carrying out assessment, monitoring and evaluation of examinations work, and providing an academic and consultative support to students in their learning activities;
- (c) Providing academic input on existing and new courses and course development;
- (d) Engaging in research, consultancy and development work as appropriate;
- (e) Participating in committees appropriate to courses and meetings convened by management;
- (f) Maintaining appropriate records and making available information as required by management;
- (g) Engaging in promotion including student recruitment as appropriate;
- (h) Participating in the development, implementation and maintenance of academic quality assurance arrangements;
- (i) Participating in appropriate activities necessary to the development of their department/school and of the Institute;
- (j) Directing and supervising the work of Tutor/Demonstrator and taking academic responsibility for the academic standards of this work. When an Assistant Lecturer is supervising a Tutor/Demonstrator a reduction in teaching hours will be applied on the basis of a one-hour reduction per three hours demonstration/tutorials supervised.

The performance of these duties will require attendance in addition to class contact hours during the normal working week.

The appointee shall carry out the lawful instructions of the President (or authorised Officer) and comply with the requirements and regulations of the Minister for Education and Skills.

**Progression:**

Assistant Lecturers will progress to the grade of Lecturer on completion of one year's service after having reached the maximum of the Assistant Lecturer scale subject to a minimum of five years continuous service in the grade subject to ability, experience, academic qualifications, scholarship and demonstrated performance. Possession of an appropriate defined post graduate qualification or equivalent shall normally be considered an essential requirement. Institutes may award incremental credit for previous service in the Assistant Lecturer grade in another Institute or University. The Institute may require five years' service in the Institute before progression is considered.

An Assistant Lecturer with a Ph.D. and relevant research experience may be considered for progression after three years continuous service. If successful, such an Assistant Lecturer

<b>Salary Scale:</b>	may be placed on the first point of the lecturer scale and remain on that point until five years' service have been completed. Progression for Assistant Lecturers shall be irrespective of whether a new post of Lecturer has been established or a vacancy at Lecturer level has occurred.  €37,482.00 - €51,502.00 (10 Increments)
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