Faculty of Engineering

Professor Sharom Ahmat Prize
This prize was established through the generosity of Professor Sharom Ahmat, from Malaysia, an honorary graduate of the University.
1. Frequency of award: One annually.
3. Eligible candidates: Students in the Department of Electronic and Electrical Engineering who are in the final year of study for the Degree of BEng or of MEng.
4. Assessors: The Board of Examiners for the above degrees.

The Amazon Prize
This prize was established in 2018 through the generosity of Amazon to reward excellent performance in Postgraduate Masters programmes in The Department of Computer Science.
1. Frequency of award: one annually
2. Value of prize: £150
3. Eligible candidates: Students studying an MSc programme in the Department of Computer Science.
4. Assessors: The Examiners for the Degree
5. Criteria for assessment: Best overall performance in the MSc Degree

The Arkell Memorial Bursary
This bursary was founded in 1993 by Mr and Mrs Richard Arkell in memory of their son, Roderick Arkell.
1. Frequency of award: One annually.
3. Eligible candidates: Students registered for a first degree in the Department of Mechanical Engineering. Preference will be given to students completing Level 2 of the MEng with a modern language programme of study.
4. Assessors: The Examiners in the Department of Mechanical Engineering.
5. Criteria for assessment: The bursary may be awarded in full or in part value on the basis of a proposal put forward by the candidate for travel in Europe. Particular attention will be paid to the linguistic, cultural and engineering aspects of the proposal. Proposed project activity and academic performance in University Examinations will be taken into account.
6. Special conditions: Applications shall be made to the Head of the Department of Mechanical Engineering, giving full details of the proposal not later than 1 May of the year in which the bursary is to be awarded. The bursary will be tenable from the following 1 July for a twelve month period. The prize-winner will be required to submit a report on the achievement and experience on return to the University.

Armourers and Brasiers’ Medal and Premium
This medal and premium is made available within the Department of Materials Science and Engineering through the generosity of the Armourers and Brasiers’ Company.
1. Frequency of award: One annually.
2. Value of prize: £250 and a medal.
3. Eligible candidates: Students in the Department of Materials Science and Engineering who are candidates for the Level 3 Examination in the third year of the BEng course or in the fourth year of the MEng course.
4. Assessors: The Examiners for the above degrees.
5. Criteria for assessment: Greatest distinction shown by a candidate reading for the above degrees. Subject to the medal and premium not being awarded to a candidate on the same degree programme as the nominee for the Mappin Medal.

Updated May 2019
Department of Automatic Control and Systems Engineering PhD Award

The prize was established by the Department of Automatic Control and Systems Engineering in 2018 to recognise outstanding PhD performance and scientific excellence.

1. **Frequency of award:** One annually.
2. **Value of award:** £50 of University merchandise.
3. **Eligible candidates:** all PhD candidates completing their PhD studies within the academic session.
4. **Assessors:** The Director of Research & Innovation in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Scientific excellence, for example in publications, industrial appreciation and quality of the thesis.

Department of Automatic Control and Systems Engineering PGR Poster Award

The prize was established by the Department of Automatic Control and Systems Engineering in 2014 to recognise the best poster presentation at the annual PGR Symposium.

1. **Frequency of award:** One annually
2. **Value of award:** £150
3. **Eligible candidates:** all PhD candidates presenting a poster at the Department of Automatic Control and Systems Engineering PGR Symposium in that academic session.
4. **Assessors:** The Director of the Centre for Doctoral Training in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Scientific excellence and quality of poster.

Department of Automatic Control and Systems Engineering PGR Oral Presentation Award

The prize was established by the Department of Automatic Control and Systems Engineering in 2014 to recognise the best oral presentation at the annual PGR Symposium.

1. **Frequency of award:** One annually
2. **Value of award:** £150
3. **Eligible candidates:** all PhD candidates delivering an oral presentation at the Department of Automatic Control and Systems Engineering PGR Symposium in that academic session.
4. **Assessors:** The Director of the Centre for Doctoral Training in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Scientific excellence and quality of the oral presentation.

Edgar Baildon Prize in Mechanical Engineering

This prize has been endowed by Mrs Lydia Baildon as a memorial to her late husband, Edgar Bailдон, a member of staff of the Department of Mechanical Engineering from 1937 until his death in 1968.

1. **Frequency of award:** One annually.
2. **Value of prize:** £75 in books selected by the prize-winner and approved by the Head of the Department of Mechanical Engineering.
3. **Eligible candidates:** Undergraduate students completing Level 1 in the Department of Mechanical Engineering.
4. **Assessors:** The Examiners for the above course.
5. **Criteria for assessment:** Distinction and promise shown during Level 1 of the MEng programme of study with emphasis being placed on the standard of the written reports on the laboratory work undertaken.
Baker Prize in Mechanical Engineering
This prize was founded by the late Mr H G Baker.
1. **Frequency of award:** One annually.
2. **Value of prize:** £200.
3. **Eligible candidates:** Students completing the final year of the BEng and MEng programmes of study in Mechanical Engineering.
4. **Assessors:** The Examiners for the above course.
5. **Criteria for assessment:** The best report on a prescribed project during Level 3.

De Belin Prize in Metallography
This prize was endowed by his friends as a memorial to the late Gerald A de Belin, a member of staff of the former Department of Metallurgy from 1930 until his death in 1960.
1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Level 3 students reading for the Degree of MEng/BEng in Metals or Materials Science and Engineering.
4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** The record in metallography throughout the course.

The Frank Benson Memorial Prize
In memory of Professor Frank Benson OBE (PhD 1952, DEng 1957) who was a member of academic staff from 1947 and Head of Department from 1967 until his retirement in 1987. This prize will be awarded to a deserving student who has made an outstanding contribution to the wellbeing of the Electronic and Electrical Engineering community at the University. The prize was established by his sons in 2016 to mark his long association with the University and the Department.

1. **Frequency of award:** One annually
2. **Value of each prize:** £200
3. **Eligible candidates:** All final year students in the Department of EEE
4. **Assessor:** The Examination Board within the Department of EEE
5. **Criteria for assessment:** Outstanding contribution to the wellbeing of EEE.

MSc Biochemical Engineering with Industrial Management Research Project Prize

1. **Frequency of award:** One annually
2. **Value of prize:** £100.
3. **Eligible candidates:** Students registered on the MSc Biochemical Engineering with Idustrial Management
4. **Assessors:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners
5. **Criteria for assessment:** The Research Project Report with the highest mark

MSc Biochemical Engineering with Industrial Management Student Prize

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Students registered on the MSc Biochemical Engineering with Industrial Management.
4. **Assessors:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The best result in the above examinations.
MSc Biological and Bioprocess Engineering/Biochemical Engineering with Industrial Management Poster Prize

This prize was established in 2016.

1. **Frequency of award:** Three annually.
2. **Value of the prize:** a) £100; b) £75; c) £50.
3. **Eligible candidates:** Students registered on the MSc Biological and Bioprocess Engineering or the MSc Biochemical Engineering with Industrial Management.
4. **Assessors:** The Head of Department, Academics and Researchers in the Department of Chemical and Biological Engineering.
5. **Criteria for assessment:** Best Poster Presentation of the Research Project.

MSc Biological & Bioprocess Engineering Research Project Prize

This prize was established in 2012.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Students registered on the MSc Biological & Bioprocess Engineering.
4. **Assessors:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The Research Project Report with the highest mark.

MSc Biological & Bioprocess Engineering Student Prize

This prize was established in 2012.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Students registered on the MSc Biological & Bioprocess Engineering.
4. **Assessor:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The best result in the above examinations.

Bode Award

The prize was established by the Department of Automatic Control and Systems Engineering in 2013 to recognise Hendrik Wade Bode’s contribution to Systems and Control Engineering.

1. **Frequency of award:** One annually.
2. **Value of award:** £50.
3. **Eligible candidates:** Level 3 MEng students in the Department of Automatic Control and Systems Engineering.
4. **Assessors:** The Board of Examiners in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Best average mark at Level 3.

Bramwell Prize

This prize was funded under the will of Eric Benjamin Bramwell, a former student of Electrical Engineering.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Level 2 undergraduates in the Department of Electronic and Electrical Engineering.
4. **Assessors:** The Examiners in Electronic and Electrical Engineering.
5. **Criteria for assessment:** Performance in Level 2 coursework.

British Coke Research Association Prize

This prize is awarded through the generosity of the British Coke Research Association.

1. **Frequency of award:** One annually.
2. **Value of prize:** £125.
3. **Eligible candidates:** Undergraduate students taking Level 3 or Level 4 examinations in the Department of Chemical and Biological Engineering.
4. **Assessors:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** Best results in the above examination.

**The British Computer Society Eliot Chiat Prize**

1. **Frequency of award:** One annually.
2. **Value of prize:** £150.
3. **Eligible candidates:** Level 2 undergraduate students studying full-time for a single honours degree in the Department of Computer Science.
4. **Assessors:** The Board of Examiners in the Department of Computer Science.
5. **Criteria for assessment:** Best overall performance.

**Thomas Broadbent & Sons Ltd Prize**
This prize was established in 2013 and sponsored by the Centrifuge manufacturer - Thomas Broadbent and Sons Ltd.

1. **Frequency of award:** Two annually.
2. **Value of prize:** £150 and a certificate from the sponsor.
3. **Eligible candidates:** Final year students in the Department of Civil and Structural Engineering.
4. **Assessors:** The Examiners for the programmes of study offered by the Department.
5. **Criteria for assessment:** The student with the most outstanding undergraduate dissertation project in Geotechnics using centrifuge modelling and the student that produces the most outstanding and original research paper in Advanced Geotechnics - CIV4502.
6. **Special conditions:** If the same student fulfils both criteria then only one prize will be awarded, with a value of £300.

**Brunton Medals**
These medals and premiums are offered through the generosity of J Dixon Brunton Esq, BMet, of Musselburgh.

1. **Frequency of award:** Two or three annually.
2. **Value of prizes:** Two, with premiums of £450 each; or three with premiums of £300 each, plus medals.
3. **Eligible candidates:** Students working on metallurgical subjects.
4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Original researches on metallurgical subjects during the session in which the awards are made.

**Oliver Butler Prize**
This prize was endowed by Mrs Betty Butler as a memorial to her late husband Professor O I Butler, a member of staff in the Department of Electronic and Electrical Engineering from 1948 to 1974 and latterly Professor of Electrical Engineering.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Students in the Department of Electronic and Electrical Engineering who are candidates for the Level 3 Examination in the third year of a BEng programme of study or the Level 4 Examination in the fourth year of an MEng programme of study.
4. **Assessors:** The Examiners in Electronic and Electrical Engineering.
5. **Criteria for assessment:** Performance in the Level 3 or Level 4 project.
Lewis Chapman Prize
This prize was endowed from a fund raised by employees of Jessop-Saville Limited (now part of Firth Brown Limited) to commemorate 50 years’ service with the company of the Managing Director, Mr Lewis Chapman.
1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Undergraduate students reading for the Degree of MEng/BEng in Materials Science and Engineering.
4. **Assessors:** The Examiners in the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Work related to process metallurgy.

Chemical and Biological Engineering First Year Student Prize
This prize was established in 2016 to recognise outstanding performance at Level 1.
1. **Frequency of award:** One annually.
2. **Value of the prize:** £100
3. **Eligible candidates:** Level 1 undergraduate students in the Department of Chemical and Biological Engineering.
4. **Assessors:** The Head of Department of Chemical and Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** Best results in the above examinations.

Chemical & Biological Engineering Industrial Placement Prize
This prize was made available to the Department of Chemical and Process Engineering out of the proceeds of a Liquid Fuel Combustion Course held in the former Department of Chemical Engineering and Fuel Technology in July 1960.
1. **Frequency of award:** One annually.
2. **Value of prize:** £200.
3. **Eligible candidates:** Undergraduate students in the Department of Chemical and Biological Engineering.
4. **Assessor:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The best report based on industrial placement and/or vacation work.

Chemical and Biological Engineering MEng Research Poster Prize
This prize was established in 2016.
1. **Frequency of award:** Three annually.
2. **Value of the prize:** a) £100; b) £75; c) £50.
3. **Eligible candidates:** Department of Chemical and Biological Engineering students registered on the final year of an MEng programme.
4. **Assessors:** The Head of Department, Academics and Researchers in the Department of Chemical and Biological Engineering.
5. **Criteria for assessment:** The best Poster Presentation of the Research Project.

Chemical & Biological Engineering MEng Research Project Prize
This prize was established in 2012.
1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Department of Chemical & Biological Engineering students registered in the final year of an MEng programme.
4. **Assessor:** The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The Research Project Report with the highest mark.
Department of Civil and Structural Engineering Prize for outstanding performance in Structural Engineering and Architecture

Established by The Department of Civil and Structural Engineering in 2015 to recognise students who have performed exceptionally on the dual MEng Structural Engineering and Architecture programme.

1. Frequency of award: One annually
2. Value of prize: £150
3. Eligible candidates: Final year students in the Department of Civil and Structural Engineering registered on CIVU12 Structural Engineering and Architecture
4. Assessors: The board of Examiners in the Department of Civil and Structural Engineering
5. Criteria for assessment: Best overall performance in the final three years of the programme

Department of Civil and Structural Engineering Prize for Special Achievement

1. Frequency of award: One or more annually.
2. Value of Prize: £50.
3. Eligible candidates: Undergraduate students in the Department of Civil and Structural Engineering.
4. Assessors: The Examiners for the programmes of study offered by the Department.
5. Criteria for assessment: Special achievement in relation to academic performance, taking into account circumstances such as contribution to extra-curricular activities or personal adversity, with preference being shown to students in the Final Year of their programme of study.

Violet Dimbleby Prize for Chemical Laboratory Work

This prize has been made available by a gift from Miss Violet Dimbleby, a member of the academic staff of the Department of Glass Technology from 1918 to 1956.

1. Frequency of award: One annually.
3. Eligible candidates: Students in the Department of Materials Science and Engineering.
4. Assessor: The Head of the Department of Materials Science and Engineering.
5. Criteria for assessment: Performance in Level 3 undergraduate projects in the field of Glass Technology, preferably involving precise chemical determinations. The qualities sought include meticulous attention to detail in carrying out all practical work, clarity in the presentation of results and sound reasoning in reaching conclusions.

In selecting the prize-winner, due regard will be given to steady, consistent work in the laboratory, planned after careful assessment of previously published researches having any bearing upon the topic.

Daniel Doncaster Prizes in Engineering Materials and Design

These prizes have been made available through the generosity of Daniel Doncaster Ltd, and are administered by the Trustees of the International Nickel Donations Fund.

1. Frequency of award: Two annually.
2. Value of prizes: £200 each.
3. Eligible candidates: One each to students studying in the Departments of Mechanical Engineering and Materials Science and Engineering in an area embracing the two disciplines of Mechanical Engineering and Metallurgy/Materials.
4. Assessors: The Examiners for the above two departments.
5. Criteria for assessment: The two best performances by the students defined above.

Daniel Doncaster Travel Bursary

This bursary has been made available through the generosity of Daniel Doncaster Ltd, and is administered by the Trustees of the International Nickel Donations Fund.

1. Frequency of award: Two annually.
2. Value of bursary: Up to £200; value to be agreed by the Committee of Assessors having regard to the funds available.

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3. **Eligible candidates**: One each to students studying in the Departments of Mechanical Engineering and Materials Science and Engineering in an area embracing the two disciplines of Mechanical Engineering and Metallurgy/Materials.

4. **Assessors**: The Examiners for the above two departments.

5. **Criteria for assessment**: Ability to benefit from a visit to industrial establishments in Europe.

### Jessie Elliss Prize

The Jessie Elliss prize was founded in 1970 under the will of Dr Harry Elliss who graduated at the University in 1932, in memory of his mother, “whose courage, fortitude and encouragement made these gifts possible”.

1. **Frequency of award**: One annually.
2. **Value of prize**: Books to the value of £60.
3. **Eligible candidates**: Students in the Department of Materials Science and Engineering who are candidates for the final year examination.
4. **Assessors**: The Examiners in the Department of Materials Science and Engineering.
5. **Criteria for assessment**: Performance in a final year project on any metallurgical subject.

### MSc Energy Engineering with Industrial Management Research Project Prize

1. **Frequency of award**: One annually.
2. **Value of prize**: £100.
3. **Eligible candidates**: Students registered on the MSc Energy Engineering with Industrial Management.
4. **Assessor**: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment**: The Research Project Report with the highest mark.

### MSc Energy Engineering with Industrial Management Student Prize

1. **Frequency of award**: One annually.
2. **Value of prize**: £100.
3. **Eligible candidates**: Students registered on the MSc Energy Engineering with Industrial Management.
4. **Assessor**: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment**: The best result in the above examinations.

### Energy Institute Yorkshire Branch Prize

Founded in 2006, this prize is awarded through the generosity of the Energy Institute Yorkshire Branch.

1. **Frequency of award**: Three annually.
2. **Value of prizes**: (a) £120 and certificate; (b) £60 and certificate; (c) £30 and certificate.
3. **Eligible candidates**: Students registered on the MSc Environmental & Energy Engineering or the MSc Energy Engineering with Industrial Management.
4. **Assessors**: The Head of Department of Chemical and Biological Engineering, and the Board of Examiners.
5. **Criteria for assessment**: The best Poster Presentation of the Research Project.

### MSc Environmental & Energy Engineering Research Project Prize

This prize was established in 2012.

1. **Frequency of award**: One annually.
2. **Value of prize**: £100.
3. **Eligible candidates**: Students registered on the MSc Environmental & Energy Engineering.
4. **Assessor**: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for Assessment**: The Research Project Report with the highest mark.
Euler Award
The prize was established by the Department of Automatic Control and Systems Engineering on 2014 to recognise Leonhard Euler's contribution to Systems and Control Engineering.
1. **Frequency of award**: One annually.
2. **Value of prize**: £50.
3. **Eligible candidates**: Final year BEng Students in the Department of Automatic Control and Systems Engineering.
4. **Assessors**: The Board of Examiners in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment**: Outstanding achievement in the final year BEng Individual Project.

FinancialForce Prize
Established in 2017 and offered through the generosity of cloud services provider FinancialForce.

1. **Frequency of award**: One annually
2. **Value of prize**: £150
3. **Eligible candidates**: Third year undergraduate students in the Department of Computer Science
4. **Assessors**: The Board of Examiners in the Department of Computer Science.
5. **Criteria for assessment**: The most outstanding undergraduate dissertation on the topic of cloud computing

Fourier Award
Founded in 2014, this prize was established by the Department of Automatic Control and Systems Engineering to recognise Joseph Fourier’s contribution to Systems and Control Engineering.

1. **Frequency of award**: One annually
2. **Value of prize**: £300
3. **Eligible candidates**: Students completing Level 4 studies for all MEng programmes within the Department of Automatic Control and Systems Engineering.
4. **Assessors**: The Examiners of the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment**: Best final year MEng individual project.

The David Howe Prize
This prize was established in 2015 through the generosity of Ningbo Songke Magnetic Materials Co Ltd in memory of Professor David Howe, Professor of Electrical Engineering. David Howe (1943-2013) was a member of academic staff in the Department of Electronic and Electrical Engineering between 1967 and 1970 and between 1978 and 2008). Professor Howe’s great passion was for research into electrical machines and he established a strong and enduring research group in electrical machines and drives. Many past students and present staff owe their successful careers to his teaching, encouragement and mentoring.

1. **Frequency of award**: One annually.
2. **Value of prize**: £250.
3. **Eligible candidates**: Students completing the MSc in Advanced Electrical Machines, Power Electronics and Drives in the Department of Electronic and Electrical Engineering.
4. **Assessors**: The Examiners for the above Department.
5. **Criteria for assessment**: Best overall performance.

Foster Research Prize in Glass Technology
This prize has been available since 1945 by a gift from Mr Frank G Foster.

1. **Frequency of award**: One, to be awarded at intervals to be decided by the Assessor.
2. **Value of prize**: £125.
3. **Eligible candidates**: Postgraduate students in the Department of Materials Science and Engineering.
4. **Assessor**: The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Theses embodying the results of original research in the science and technology of glasses and submitted in the interval since the last award.

### Foxwell Memorial Award

Established by the Institute of Fuel to commemorate the late Dr G E Foxwell, CBE and his outstanding service to Fuel Technology.

1. **Frequency of award:** One annually.
2. **Value of prize:** £250.
3. **Eligible candidates:** Undergraduate or postgraduate students of Fuel Technology in the Universities of Leeds and Sheffield.
4. **Assessor:** The Head of the Department of Chemical and Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** Outstanding promise in work in Fuel Technology.

### The Freshgate Trust Foundation Prize

This prize was established in 2006 through the generosity of The Freshgate Trust Foundation.

1. **Frequency of award:** Two annually.
2. **Value of prize:** £500 each.
3. **Eligible candidates:** Level 1 students from Sheffield and the region reading a) for the degree of MEng Metallurgy or MEng/BEng Materials Science and Engineering in the Department of Materials Science and Engineering, or b) reading for BEng/MEng degrees in the Faculty of Engineering. Preference will be given to students in category a).
4. **Assessors:** The Boards of Examiners in the Faculty of Engineering.
5. **Criteria for assessment:** Academic and personal promise at Level 1.

### Fretwell-Downing Prize

This prize was made available in 1997 by Fretwell-Downing Data Systems Limited.

1. **Frequency of award:** One annually.
2. **Value of prize:** £150.
3. **Eligible candidates:** Students studying an MSc programme in the Department of Computer Science.
4. **Assessors:** The Examiners for the Degree.
5. **Criteria for assessment:** Performance in the MSc project.

### Douglas Harrison Prize in Electronic and Electrical Engineering

This prize was endowed by former students and friends as a memorial to the late Douglas Harrison, member of staff of the Department of Electronic and Electrical Engineering from 1938 until his death in 1964.

1. **Frequency of award:** One annually.
2. **Value of prize:** £15.
3. **Eligible candidates:** Students completing Level 2 of a programme of study in the Department of Electronic and Electrical Engineering leading to the Degree of BEng or MEng.
4. **Assessors:** The Examiners for the above course.
5. **Criteria for assessment:** Distinction and promise shown at Level 2
The John Hicks (Smith & Nephew) Prize for Bioengineering

The John Hicks (Smith & Nephew) Prize was established in 2014. Smith & Nephew Advanced Wound Management is a global business specialising in medical devices to reduce the human and economic cost of chronic and acute wounds. John Hicks is Smith & Nephew’s Senior Chemist who has served the company for over 30 years with numerous inventions and developments to his name in the medical and bioengineering field.

1. Frequency of award: One annually.
2. Value of prize: £250
3. Eligible candidates: Students in the final year of a BEng or MEng programme in bioengineering.
4. Assessors: The Board of Examiners for the above programmes.
5. Criteria for assessment: Best overall performance in the Final Year project.
6. Special conditions: Students awarded this prize may not also win the JRI Prize in Bioengineering, the Kirkstall Prize or any of the Xiros Prizes in Bioengineering. This prize may not be awarded to a health care professional due to Eucomed Ethics and Compliance Rules.

Arnold J Holland Bursary in Glass Technology

Established by Mrs D Holland in memory of her husband Dr A J Holland who was a member of staff in the Department of Glass Technology from 1932 to 1947.

1. Frequency of award: One annually; subject to good conduct and satisfactory progress, the bursary may be awarded for a second or third year to the same student.
2. Value of bursary: £3,000 per annum.
3. Eligible candidates: Research or taught postgraduate students studying glass in the Department of Materials Science and Engineering, preferably in a field in which there is an emphasis on physics or mathematics.
4. Assessors: The Head of the Department of Materials Science and Engineering in consultation with an appropriate member of staff.
5. Criteria for assessment: Suitability of a candidate to undertake research or approved postgraduate work in glass leading to a higher degree.

Frank Holland Memorial Bursary and Prize

In 1926 a scholarship was founded by Job Holland, Esq, in memory of his son, Frank Sidney Holland, Lieutenant (acting Captain), 1/6 Battalion Duke of Wellington’s (West Riding) Regiment (T), a former student of the then Department of Metallurgy of the University, who was killed in action at Bourlon Wood on 27 November 1917.

1. Frequency of awards: One bursary and one prize annually.
2. Value of awards: Bursary, £200; Prize, £100.
3. Eligible candidates: (a) Bursary: Undergraduate or postgraduate students studying ceramics in the Department of Materials Science and Engineering, by application through the Head of Department. (b) Prize: Final year undergraduate students reading for the Degree of MEng or BEng in the Department of Materials Science and Engineering who have attended lectures in Ceramics at Level 3 of the course.
4. Assessors: The Examiners in the Department of Materials Science and Engineering.
5. Criteria for assessment: (a) Bursary: (i) suitability of a candidate to undertake research or approved postgraduate work in Ceramics leading to a higher degree; or (ii) suitability of an undergraduate candidate whose work in Ceramics shows sufficient promise to complete the programme of study for the Degree of BEng. (b) Prize: Written examination performance, reports written during works practice, notebooks of practical work, and reports of investigations submitted during Level 3.
6. Special conditions: The bursary is tenable in the Department of Materials Science and Engineering for one year. It may be renewed, to a postgraduate student, for further annual periods but not so as to exceed a total of three years in all. Its tenure is conditional on the progress of the holder being satisfactory.

Peter Hopkinson Prize

This prize was funded under the will of Dr P Hopkinson, a former postgraduate and research worker in the Department of Electronic & Electrical Engineering.

1. Frequency of award: One annually.
2. **Value of prize**: £50.
3. **Eligible candidates**: Students in the Department of Electronic and Electrical Engineering who are candidates for the Level 3 Examination in the third year of a BEng programme of study or the Level 4 Examination in the fourth year of an MEng programme of study.
4. **Assessors**: The Examiners in Electronic and Electrical Engineering.
5. **Criteria for assessment**: Performance in the Level 3 or Level 4 project.

**Institution of Civil Engineers’ Yorkshire and Humber Regional Prize**

This prize has been available through the generosity of the Institution of Civil Engineers.

1. **Frequency of award**: One annually.
2. **Value of prize**: £50 and a certificate of merit.
3. **Eligible candidates**: Students must be existing student members of the Institution and reading degree courses in the Department of Civil and Structural Engineering recognised by the Institution as qualifying them for eventual corporate membership.
4. **Assessors**: The Head of the Department of Civil and Structural Engineering.
5. **Criteria for assessment**: Best performance in the Integrated Design Project.

**Institution of Engineering and Technology (IET) Prize**

This prize is available for award annually through the generosity of the Institution of Engineering and Technology.

1. **Frequency of award**: One annually.
2. **Value of prize**: Two years free membership of the IET and a certificate.
3. **Eligible candidates**: Students in the Department of Electronic and Electrical Engineering who are candidates for the Level 3 Examination in the third year of a BEng programme of study or the Level 4 Examination in the fourth year of an MEng programme of study.
4. **Assessor**: The Head of the Department of Electronic and Electrical Engineering.
5. **Criteria for assessment**: Distinction in Level 3 or Level 4 of the course; distinction may be interpreted as including performance in the examinations, performance in project work and any activities which further the candidate’s potential as a professional engineer.

**Institute of Materials, Minerals & Mining Prize**

This prize has been available since 1986 through the generosity of the Institute of Metals (now the Institute of Materials).

1. **Frequency of award**: One annually. On occasions, if there are two outstanding candidates, and with the consent of the Institute of Materials, a second award may be made.
2. **Value of prize**: £100 and a certificate.
3. **Eligible candidates**: Undergraduate students completing a course for the Degree of MEng/BEng in the Department of Materials Science and Engineering.
4. **Assessors**: The Examiners for the above courses.
5. **Criteria for assessment**: The best performance as an undergraduate during the whole period of the course. In judging this performance, in addition to examination results, particular attention will be paid to character and personality and to general University activities.

**Institution of Chemical Engineers’ Prize**

This prize is awarded through the generosity of the Institution of Chemical Engineers.

1. **Frequency of award**: One annually.
2. **Prize**: Choice of IChemE publications and a certificate.
3. **Eligible candidates**: Level 2 students in the Department of Chemical and Biological Engineering.
4. **Assessor**: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. **Criteria for assessment**: Best results in the above examinations.
Institution of Civil Engineers’ Prize

This prize has been available since 1971 through the generosity of the Institution of Civil Engineers.

1. **Frequency of award:** One annually.
2. **Value of prize:** £250 and a certificate of merit.
3. **Eligible candidates:** Students must be existing student member of the Institution and reading degree courses in the Department of Civil and Structural Engineering recognised by the Institution as qualifying them for eventual corporate membership.
4. **Assessor:** The Head of the Department of Civil and Structural Engineering.
5. **Criteria for assessment:** Best overall performance in the final two years of their course, showing talent in engineering design, impressive coursework and a strong examination performance.

Institution of Structural Engineers’ Prize

This prize has been available since 1975 through the generosity of the Institution of Structural Engineers, Yorkshire Association.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Level 1 students in the Department of Civil and Structural Engineering.
4. **Assessor:** The Head of the Department of Civil and Structural Engineering.
5. **Criteria for assessment:** Performance at Level 1 in a BEng or MEng degree course in the Department of Civil and Structural Engineering. Emphasis will be placed on competence in structural engineering aspects of the course.

Interdisciplinary Programmes Foundation Year in Science and Engineering Prize

Founded in 2014, this prize was established to recognise the student demonstrating the most promise in their studies.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Any student successfully completing the Foundation Year in Science and Engineering.
4. **Assessors:** The foundation year examination board
5. **Criteria for Assessment:** Outstanding performance across all modules.

Kalman Award

The prize was established by the Department of Automatic Control and Systems Engineering on 2014 to recognise Rudolf Kalman's contribution to Systems and Control Engineering.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Final year BEng Students in the Department of Automatic Control and Systems Engineering.
4. **Assessors:** The Board of Examiners in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Best graduating student.

Kirkstall Prize in Bioengineering with Speciality in Bioreactor Technology

The Kirkstall Prize in Bioengineering with Speciality in Bioreactor Technology was established in 2015. Kirkstall is a biotechnology company established in 2006 by Dr J Malcolm Wilkinson and is based in Yorkshire. The company specialises in products and services supporting in-vitro cell culture research and the development of routine in vitro cell-based testing.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Students in the final year of a BEng or MEng programme in Bioengineering.
4. **Assessors:** The Board of Examiners for the above programmes.
5. **Criteria for assessment:** Best performance in the final year in a module containing bioreactor technology, 3D in vitro models and/or final year research project which contains a significant component of bioreactor technology and/or 3D in vitro models.

6. **Special conditions:** Students awarded this prize may not also win the JRI prize in Bioengineering, the John Hicks (Smith & Nephew) prize for Bioengineering or the Xiros Prizes in Bioengineering.

### International Nickel Prize

This prize has been made available through the generosity of the International Nickel Company Limited.

1. **Frequency of award:** One annually.
2. **Value of prize:** £60.
3. **Eligible candidates:** Undergraduate students taking Level 2 Examinations for the Degree of MEng/BEng in the Department of Materials Science and Engineering.
4. **Assessors:** The Examiners in the above examination.
5. **Criteria for assessment:** The above examination.

### JRI Prize in Bioengineering

The JRI prize in Bioengineering was established in 2009 through the generosity of JRI Ltd (Joint Replacement Instrumentation). JRI Ltd is a local firm with a manufacturing facility in Sheffield and offices in London. They are internationally renowned for the design and manufacture of orthopaedic implants and instruments.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Final year students who are candidates for the BEng or MEng programmes in Biomaterials Science and Tissue Engineering or Bioengineering.
4. **Assessors:** The Examiners for the above programmes.
5. **Criteria for assessment:** Best overall academic performance in the programme with particular emphasis on the Bioengineering elements.
6. **Special conditions:** Students awarded this prize may not also win the John Hicks (Smith & Nephew) Prize for Bioengineering, the Kirkstall Prize, or any of the Xiros prizes in Bioengineering.

### Laplace Award

The prize was established by the Department of Automatic Control and Systems Engineering in 2013 to recognise Pierre-Simon Laplace’s contribution to Systems and Control Engineering.

1. **Frequency of award:** One annually.
2. **Value of award:** £50.
3. **Eligible candidates:** Level 1 undergraduate students in the Department of Automatic Control and Systems Engineering.
4. **Assessors:** The Board of Examiners in the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Best average mark at Level 1.

### Laverick-Webster-Hewitt Prizes

Prizes in Mining, provided for many years through the generosity of Mr J H W Laverick, were renamed as Laverick-Webster Prizes in 1964, after their value had been substantially increased by Major N E Webster. In 1971 this prize fund was combined with that for the Hewitt Prize in Mining Engineering, which dates from 1960, and the present three prizes were established.

1. **Frequency of award:** Three annually.
2. **Value of prizes:** £150.
3. **Eligible candidates:** (a) Students taking the Level 2 Examination in the Department of Civil and Structural Engineering (b) Students taking the Master’s degree programme in Automatic Control and Systems Engineering in the Department of Automatic Control and Systems Engineering (c) Students taking the Final Examination in Geology.
4. **Assessor:** For each prize, the Head of the appropriate department/unit.
5. **Criteria for assessment:** The appropriate examinations.
Laverick-Webster-Hewitt Travelling Fellowship

Established in 1971 on the amalgamation of funds previously used to provide the Laverick-Webster and Hewitt Prizes in mining subjects.
1. **Frequency of award:** One annually.
2. **Value of prize:** £450.
3. **Eligible candidates:** Students who are registered in the Faculty of Engineering, or who are studying Environmental Sciences and Physical Geography, and who wish to undertake travel, training, research or design in areas of international importance such as environmental problems.
4. **Assessors:** The Faculty Director of Learning and Teaching - Engineering and the Sorby Professor of Geoscience.
5. **Criteria for assessment:** The merit of the proposed programme of study.
6. **Special conditions:** (a) Applications should be made to the Registrar and Secretary by 1 May in each year, together with a statement about the proposed programme. (b) Preference will be given to applications from undergraduate students.

Lawson-Brown Prizes

The prizes became available in 1963 through the generosity of Mr A G Lawson-Brown of Dale Brown and Company Limited. Originally they were intended to pay prize-winners’ expenses on a tour of works and laboratories arranged through the then Department of Glass Technology.
1. **Frequency of award:** Two annually.
2. **Value of prizes:** £200 each.
3. **Eligible candidates:** Undergraduate students at Level 3 of the programme of study for the Degree of MEng/BEng who have attended lectures in Glass Technology.
4. **Assessors:** The Professors in the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Written examination performance, reports written during periods of works practice or works visits, notebooks of practical work and reports of investigations submitted during Level 3.

Lyapunov Award

Founded in 2014, this prize was established by the Department of Automatic Control and Systems Engineering to recognise Aleksandr Lyapunov’s contribution to Dynamic Systems.
1. **Frequency of award:** One annually.
2. **Value of prize:** £200 to be split equally amongst members of the chosen group.
3. **Eligible candidates:** Students on the ACS330 Group Project module.
4. **Assessors:** The Formal Examination Board of the Department of Automatic Control and Systems Engineering.
5. **Criteria for assessment:** Best MEng group project.

Ledingham Bursary

This bursary was founded by the late Mr L N Ledingham; the present Regulations date from 1956, when the University increased its value.
1. **Frequency of award:** One annually.
2. **Value of prize:** £1,000
3. **Eligible candidates:** Undergraduate or postgraduate students in the Department of Materials Science and Engineering.
4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** The bursary may be awarded on the basis of either (a) suitability of a candidate to undertake research or approved postgraduate work in Metallurgy leading to a higher degree, or (b) suitability of an undergraduate candidate showing sufficient promise to complete the programme of study for the Degree of BEng /MEng in Metal Science and Engineering.
Douglas Lewin Memorial Prize

This prize has been made available through donations from the Universities of Brunel, East Anglia, Sheffield and Southampton in memory of the late Professor Douglas Lewin who, at each University, made significant academic contributions in the field of Electronics and Computer Science. The prize is awarded at each of the four universities.

1. **Frequency of award:** One to be awarded annually.
2. **Value of award:** £150.
3. **Eligible candidates:** Final year undergraduate students registered for a programme of study in the Department of Computer Science.
4. **Assessors:** The Board of Examiners in the Department of Computer Science.
5. **Criteria for assessment:** The best examination performance in Computer Science by the students defined.

Kenneth Littlewood Memorial Award

This prize was endowed by Mrs Edna Littlewood as a memorial to her late husband, Dr Ken Littlewood, a member of staff in the Department of Chemical and Process Engineering from 1956 to 1999.

1. **Frequency of award:** One annually.
2. **Value of prize:** Medal and £100 premium.
3. **Eligible candidates:** Undergraduate MEng students in the Department of Chemical and Biological Engineering.
4. **Assessors:** The Head of the Department of Chemical and Biological Engineering and the Board of Examiners.
5. **Criteria for assessment:** The highest ranking design project report when judged both on the overall mark awarded, which should be at least first class, and on the excellence of its presentation.

Professor Sheila MacNeil Outstanding Contribution Prize

This prize was introduced in 2015 and formalised in 2016 to recognise outstanding contribution to Engineering Interdisciplinary Programmes.

1. **Frequency of award:** One annually.
2. **Value of the prize:** £250 and certificate.
3. **Eligible candidates:** All final year students on Engineering Interdisciplinary Programmes. This includes:
   - Aerospace Engineering
   - Bioengineering
   - MEng Engineering
4. **Assessors:** The Board of Examiners.
5. **Criteria for assessment:** The student who has made the most significant contribution to all scholarly activity.

Mappin Medals and Premiums

Through the generosity of the late Sir Frederick Mappin, Bart, the University is able to offer, by competition, nine medals (one in each of the seven Departments of the Faculty of Engineering and one in each interdisciplinary programme of study, Aerospace and Bioengineering, each accompanied by a premium).

1. **Frequency of award:** Nine annually.
2. **Value of prizes:** £50 and a medal.
3. **Eligible candidates:** Students in the Faculty of Engineering who are candidates for the final examination of an undergraduate course.
4. **Assessors:** The Examiners for the above degrees.
5. **Criteria for assessment:** Greatest distinction shown by candidates reading for the above degrees.
Materials Science & Engineering Best Student Prize in Biomaterials or Polymers Engineering

This prize was established in 2014.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Students registered on MSc Biomaterials and Regenerative Medicine, MSc Materials Science & Engineering, MSc(Eng) Polymer and Polymer Composite Science & Engineering, and MSc(Eng) Aerospace Materials.
4. **Assessors:** The Head of Department of Materials Science & Engineering and Examiners for the programme.
5. **Criteria for assessment:** The best overall performance.
6. **Special Conditions:** No student may be awarded more than one Materials Science & Engineering Best Student Prize.

Materials Science & Engineering Best Student Prize in Metallurgy or Metals Engineering

This prize was established in 2014.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50.
3. **Eligible candidates:** Students registered on MSc Materials Science & Engineering, MMet Advanced Metallurgy, MSc(Eng) Aerospace Materials, MSc Advanced Metals Manufacturing, and MSc Advanced Aerospace Materials Manufacturing.
4. **Assessor:** The Head of Department of Materials Science & Engineering and the Board of Examiners for the programme.
5. **Criteria for assessment:** The best overall performance.
6. **Special conditions:** No student may be awarded more than one Materials Science & Engineering Best Student Prize.

Materials Science & Engineering Best Student Prize in Ceramics or Glass Engineering

This prize was established in 2014.

1. **Frequency of Award:** One annually.
2. **Value of Prize:** £50.
3. **Eligible candidates:** Students registered on MSc Materials Science & Engineering, MSc(Eng) Ceramic Science & Engineering, MSc Advanced Solid State Chemistry & its Applications, MSc Nuclear Materials Engineering & Science, and MSc Nuclear Science & Technology.
4. **Assessor:** The Head of Department of Materials Science & Engineering and the Board of Examiners for the programme.
5. **Criteria for assessment:** The best overall performance.
6. **Special conditions:** No student may be awarded more than one Materials Science & Engineering Best Student Prize.

Department of Mechanical Engineering Best MSc Research Project Prize

This prize was introduced by the Department of Mechanical Engineering in 2015 to recognise the best overall MSc research project.

1. **Frequency of award:** One annually.
2. **Value of the prize:** £100 and certificate
3. **Eligible candidates:** Post-graduate taught students in the Department of Mechanical Engineering
4. **Assessors:** The Director of Post-Graduate Studies and the Board of Examiners.
5. **Criteria for assessment:** Engineering excellence and quality of project.

Updated May 2019
Department of Mechanical Engineering Best Overall Performance by an MSc Student Prize

This prize was introduced by the Department of Mechanical Engineering in 2015 to recognise the best overall performance by a Mechanical Engineering MSc student.

1. **Frequency of award:** One annually.
2. **Value of the prize:** £200 and certificate.
3. **Eligible candidates:** Post-graduate taught students on any of the Department’s MSc programmes.
4. **Assessors:** The Director of Post-Graduate Studies and the Board of Examiners.
5. **Criteria for assessment:** Best overall performance by an MSc student on any of the Department’s MSc programmes.

**Mechanical Engineers’ Prize**

A Mechanical Engineers’ Prize Fund is mentioned in the 1891 Calendar of Firth College. The prize was formerly awarded to evening students – at one time to the student placed second in the annual examination; the present Regulations date from a revival of the prize in 1955.

1. **Frequency of award:** One annually.
2. **Value of prize:** £75.
3. **Eligible candidates:** Students completing Level 2 Examinations in the Department of Mechanical Engineering.
4. **Assessors:** The Examiners for the above course.
5. **Criteria for assessment:** Performance in the Level 2 examination.

**The Meggitt Prize for the Best Engineering Foundation Year Project**

This prize was established in 2016 through the generosity of Meggitt PLC.

1. **Frequency of award:** One annually.
2. **Value of the prize:** £100 and certificate.
3. **Eligible candidates:** Students in the Engineering Foundation Year programmes who are taking the module FCE001.
4. **Assessors:** The Board of Examiners for the Engineering Foundation Year.
5. **Criteria for assessment:** Best overall performance in the Engineering Foundation Year group and individual projects.

**Moorside Energy Prize for Chemical Engineering**

Founded in 2013, this prize was established through the generosity of Sanjoy Sen of Moorside Energy, a graduate of the then Department of Chemical & Process Engineering, as a mark of thanks to the department.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Final year students completing the degree of MEng in Chemical Engineering with Energy in the Department of Chemical and Biological Engineering.
4. **Assessors:** The Head of Department of Chemical and Biological Engineering, and the Board of Examiners.
5. **Criteria for assessment:** Best overall performance throughout the degree programme.
6. **Special conditions:** No candidate may receive both a Moorside Prize and a Siddall Prize.
David Morris Prize in French
This prize was established through the generosity of the late Mr David Morris. Mr Morris graduated from the Department of French in 1973 and this prize is dedicated to his memory.
1. Frequency of award: One annually.
2. Value of prize: £100.
3. Eligible candidates: Level 2 students reading for Single or Dual Honours Degrees in the Department of French.
4. Assessors: The Board of Examiners in the Department of French.
5. Criteria for assessment: Outstanding progress in the study of French at Level 2 based on coursework and examinations.

Vida Nasserzadeh-Sharifi Prize
This prize was established in 2012.
1. Frequency of award: One annually.
2. Value of prize: £100.
3. Eligible candidates: Students registered on the MSc Environmental & Energy Engineering
4. Assessors: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. Criteria for assessment: The best result in the above examinations.

Nesthill Medal and Premium
This prize, founded in 1917, has been made available through the generosity of the late E H Hill, Esq, and Ernest H Hill Ltd.
1. Frequency of award: One annually.
2. Value of prize: £125 and a commemorative medal
3. Eligible candidates: Undergraduate students reading for a degree from the Department of Materials Science and Engineering
4. Assessors: The Head of the Department of Materials Science and Engineering.
5. Criteria for assessment: Outstanding work on physical metallurgy.

Nicholson Prize for Undergraduate Studies
This prize was established in 2004 by the Department of Automatic Control and Systems Engineering to recognise the contribution made by Professor H Nicholson (first Head of the new Department of Control Engineering set up in the late 1960s), who guided the department from its small beginnings to the successful research and teaching unit that it is today.
1. Frequency of award: One annually.
2. Value of award: Medal and a certificate.
3. Eligible candidates: Undergraduate students in the Department of Automatic Control and Systems Engineering who are in the third year of study for the Degree of BEng or MEng.
4. Assessors: The Board of Examiners in the Department of Automatic Control and Systems Engineering.
5. Criteria for assessment: The best overall marks at Level 3

Nicholson Prize for Masters Studies
This prize was established in 2004 by the Department of Automatic Control and Systems Engineering to recognise the contribution made by Professor H Nicholson (first Head of the new Department of Control Engineering set up in the late 1960s), who guided the department from its small beginnings to the successful research and teaching unit that it is today.
1. Frequency of award: One annually.
2. Value of award: Medal and a certificate.
3. Eligible candidates: Postgraduate Masters students in the Department of Automatic Control and Systems Engineering.

4. Assessors: The Board of Examiners in the Department of Automatic Control and Systems Engineering.


**BAM Nuttall Prize**

This prize has been awarded for a number of years and is sponsored by BAM Nuttall an industrial partner.

1. Frequency of award: One annually.

2. Value of Prize: £150 and a certificate from the sponsor.

3. Eligible candidates: Final year BEng students in the Department of Civil and Structural Engineering.

4. Assessors: The Examiners for the programmes of study offered by the Department.

5. Criteria for assessment: Best final year BEng student.

**Nyquist Award**

The prize was established by the Department of Automatic Control and Systems Engineering in 2013 to recognise Harry Nyquist’s contribution to Systems and Control Engineering.

1. Frequency of award: One annually.

2. Value of award: £50.

3. Eligible candidates: Level 2 undergraduate students in the Department of Automatic Control and Systems Engineering.

4. Assessors: The Board of Examiners in the Department of Automatic Control and Systems Engineering.


**Martin Pitt Prize**

This prize was established in 2012.

1. Frequency of award: One annually.

2. Value of prize: £100.

3. Eligible candidates: Department of Chemical & Biological Engineering students registered in the final year of the BEng programme.

4. Assessor: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.


**MSc Process Safety & Loss Prevention Prize**

Founded in 2006, this prize is awarded through the generosity of the Institution of Chemical Engineers Safety & Loss Prevention Subject Group.

1. Frequency of award: One annually.

2. Value of prize: £150.

3. Eligible candidates: Students following the MSc (Eng) Process Safety & Loss Prevention degree programme.

4. Assessors: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.

5. Criteria for assessment: Best results in the above examinations.

**MSc Process Safety & Loss Prevention Dissertation Prize**

This prize was established in 2012.

1. Frequency of award: One annually.

2. Value of prize: £100.


4. Assessor: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.

5. Criteria for assessment: The Dissertation with the highest mark.
Nicolette Richmond Prize in German
This prize has been made available by Mr and Mrs G W Richmond in memory of their daughter, Nicolette.
1. **Frequency of award:** One annually.
2. **Value of prize:** £70 in books, selected by the prize-winner and approved by the Head of the Department of Germanic Studies.
3. **Eligible candidates:** Full-time undergraduate students from any Faculty taking units at Level 1 in the Department of Germanic Studies.
4. **Assessor:** The Head of the Department of Germanic Studies.
5. **Criteria for assessment:** The best candidate in the relevant examination.

Richard Rhodes Prize in Electronic and Electrical Engineering
This prize was established by Mr Stephen and Mrs Carol Rhodes in memory of their son Richard (MEng 2007).
1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Final year BEng or MEng undergraduate students in the Department of Electronic and Electrical Engineering.
4. **Assessors:** The final year Examiner’s Board chaired by the Head of the Department or the Departmental Examinations Officer.
5. **Criteria for assessment:** Best all round combination of academic performance and credit to the Department during the whole period of studies.

Eric Rose Prize
This prize was established in 2014 by Audrey Rose, MBE, in memory of her husband, Eric Rose, a former member of staff.
1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Students taking the Masters degree in Advanced Control & Systems Engineering in ACSE.
4. **Assessors:** The Board of Examiners for the above examination.
5. **Criteria for Assessment:** Outstanding performance in the individual project.

Prof. Peter Robson Semiconductor Prize in Electronic and Electrical Engineering
This prize was established by Professor and Mrs Peter Robson in 2009. Professor Peter Robson OBE, FRS (1930 – 2010) was a member of academic staff in the Department of Electronic and Electrical Engineering between 1957 and 1996 with a period in 1966-68 spent at Stanford University and University College London. He was responsible for setting up the EPSRC National Centre for III-V Technologies in 1978 and establishing a strong and enduring research group in the then new topic of III-V semiconductors. Professor Robson’s great passion was for semiconductor research and many past students owe their successful careers to his teaching, encouragement and mentoring. Prof and Mrs Robson wished the prize to be established to encourage students to excel in the subject he loved.
1. **Frequency of award:** One annually.
2. **Value of prize:** Total value not to exceed the annual interest generated by the fund.
3. **Eligible candidates:** Final year BEng or third year MEng undergraduate students in the Department of Electronic and Electrical Engineering studying an individual project in semiconductors.
4. **Assessors:** The Board of Examiners for the final year examinations in the Department of Electronic and Electrical Engineering.
5. **Criteria for assessment:** Best academic performance in a project on semiconductors.
Royal Aeronautical Society Prize
This prize has been available since 2002 through the generosity of the Royal Aeronautical Society.
1. Frequency of award: One annually
2. Value of prize: £100 and a certificate
3. Eligible candidates: Final year undergraduate students reading for a degree in Aerospace Engineering.

Sarjant Prize
This prize has been made available from a fund subscribed by members of the Fuel Society in honour of Emeritus Professor R J Sarjant, Professor of Fuel Technology from 1947 to 1953.
1. Frequency of award: One annually.
2. Value of prize: £100.
3. Eligible candidates: Undergraduate students in the Department of Chemical and Biological Engineering.
4. Assessors: The Head of Department of Chemical & Biological Engineering and the Board of Examiners’.
5. Criteria for assessment: Academic and personal promise displayed during the course.

Mike Sellars Medal and Prize in Materials Science and Engineering
This medal and prize, founded in 2013, has been made possible thanks to the generosity of the family of the late Emeritus Professor Mike Sellars BMet 1956, PhD 1959 and DMet 1982, and the Department of Materials Science and Engineering. Mike was a long standing member of staff and was also awarded the Brunton Medal and the Metallurgical and Engineering Association Prize by the University.
1. Frequency of award: One annually.
2. Value of prize: Medal, plus £500 prize.
3. Eligible candidates: PhD and Postdoctoral students from the Department of Materials Science and Engineering.
4. Assessors: Departmental committee chaired by the Head of the Department of Materials Science and Engineering.

Sheffield Metallurgical and Engineering Association Prize in Aerospace Engineering
This prize was made available from 2002 through the generosity of the Sheffield Metallurgical and Engineering Association.
1. Frequency of award: One annually.
2. Value of prize: £75 and a certificate.
3. Eligible candidates: Third year students taking the Aeromechanics elective of an undergraduate degree in Aerospace Engineering.
4. Assessors: The Examiners for the above programme of study.

Sheffield Metallurgical and Engineering Association Hatfield Memorial Prize in Engineering
The Sheffield Society of Engineers and Metallurgists used to offer annual prizes to evening students in Engineering and Metallurgy. When the evening courses ceased to be conducted by the University in 1954, the Society generously offered to award prizes to the best degree students in these subjects. In 1964, following amalgamation of the Society with the Sheffield Metallurgical Association to form the Sheffield Metallurgical and Engineering Association, their value was increased. A separate prize, known as the Hatfield Memorial Prize, was also made available in 1976 through the generosity of the Sheffield Metallurgical and Engineering Association. This prize was discontinued in 1979 and has been absorbed into the Sheffield Metallurgical and Engineering Association Hatfield Memorial Prize in Engineering and in Metallurgy.
1. Frequency of award: One annually.
2. Value of prize: £75.
3. **Eligible candidates:** Students completing Level 2 of the programmes of study leading to first degrees in the Faculty of Engineering.

4. **Assessors:** The Examiners for the above courses.

5. **Criteria for assessment:** Performance in the Level 2 Examination.

**Sheffield Metallurgical and Engineering Association Hatfield Memorial Prize in Metallurgy**

The Sheffield Society of Engineers and Metallurgists used to offer annual prizes to evening students in Engineering and Metallurgy. When the evening courses ceased to be conducted by the University in 1954, the Society generously offered to award prizes to the best degree students in these subjects. In 1964, following amalgamation of the Society with the Sheffield Metallurgical Association to form the Sheffield Metallurgical and Engineering Association, their value was increased.

A separate prize, known as the Hatfield Memorial Prize, was made available in 1976 through the generosity of the Sheffield Metallurgical and Engineering Association. This prize was discontinued in 1979 and has been absorbed into the Sheffield Metallurgical and Engineering Association Hatfield Memorial Prizes.

1. **Frequency of award:** One annually.

2. **Value of prize:** £75.

3. **Eligible candidates:** Undergraduate students completing Level 2 of the programmes of study leading to the Degree of MEng/BEng Metal or Materials Science and Engineering.

4. **Assessors:** The Examiners for the above course.

5. **Criteria for assessment:** Performance in the Level 2 Examinations.

**Sheffield Metallurgical and Engineering Association Industrial Project Prize**

This prize was made available from 1994 in the Department of Materials Science and Engineering through the generosity of the Sheffield Metallurgical and Engineering Association.

1. **Frequency of award:** One annually.

2. **Value of prize:** £75 and a certificate.

3. **Eligible candidates:** Students reading for the Degree of MEng in Materials Science and Engineering.

4. **Assesor:** The Head of the Department of Materials Science and Engineering.

5. **Criteria for assessment:** The best written and oral report on work carried out on the industrial attachment (which occurs between the third and fourth years of the programme of study).

**The Siddall Prize**

This prize was established in 2012 to commemorate the late Dr Max Siddall, a member of staff in the former Department of Chemical & Process Engineering from 1956 until 1987.

1. **Frequency of award:** One annually.

2. **Value of Prize:** £100.

3. **Eligible candidates:** Final year undergraduate students from the Department of Chemical & Biological Engineering.

4. **Assessor:** The Head of Department of Chemical and Biological Engineering and the Board of Examiners.

5. **Criteria for assessment:** The student who has demonstrated the greatest academic and/or personal achievement throughout their programme of study.

6. **Special conditions:** No candidate may receive both a Siddall Prize and a Moorside Energy Prize.

**Siderurgica NS Aparecida SA Medal and Prize**

The medal and prize are offered through the generosity of Señor Luiz Pinto Thomaz of Siderurgica NS Aparecida SA (formerly Industria Metallurgica NS Da Aparecida SA), Brazil.

1. **Frequency of award:** One annually.

2. **Value of prize:** £100 plus medal.

3. **Eligible candidates:** Postgraduate students in the Department of Materials Science and Engineering.

4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Work in the field of special alloy steels and their production in the interval since the last award.

**Guy Simpson Prizes in Glass Technology**

These prizes have been made available by the Society of Glass Technology through the generosity of Mr Guy Simpson.

1. **Frequency of award:** Two annually.
2. **Value of prizes:** £20 each.
3. **Eligible candidates:** Students completing Level 2 of a programme of study in the Department of Materials Science and Engineering.
4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** The Level 2 Examination.

**G P Smedley Prize in Mechanical Engineering**

This prize has been made available through the generosity of Dr G P Smedley, FEng, an occasional lecturer in the Department of Mechanical Engineering.

1. **Frequency of award:** One annually.
2. **Value of prize:** £250.
3. **Eligible candidates:** First year postgraduate students undertaking research for a higher degree in the Department of Mechanical Engineering.
4. **Assessors:** The Head and members of the academic staff of the Department of Mechanical Engineering.
5. **Criteria for assessment:** The best seminar lecture given to the staff of the Department by a first year postgraduate student.

**Steel Rolling Guild Award in Engineering**

This prize was made available in 1999 through the generosity of the Steel Rolling Guild.

1. **Frequency of award:** One annually.
2. **Value of prize:** £50 and £50 in book tokens.
3. **Eligible candidates:** Students in the third year of an MEng programme of study in the Department of Mechanical Engineering.
4. **Assessors:** The Examiners in the Department of Mechanical Engineering.
5. **Criteria for assessment:** The best overall contribution to the above department.

**Stephenson Prize**

This prize was established in 1988 by Mr T H Stephenson, a member of the University Council, whose family has served the University and its predecessors since the foundation of Firth College. It marks the opening of the Sir Henry Stephenson Building and the development of Electronic and Systems Engineering in the University.

1. **Frequency of award:** One annually.
2. **Value of prize:** £150.
3. **Eligible candidates:** Students in the final year of any of the programmes of study in Electronic and Electrical Engineering.
4. **Assessors:** The Examiners for the above programmes of study.
5. **Criteria for assessment:** Performance in a final year project concerned with electronic system design.

**Thring Prize**

This prize was made available in the Department of Chemical and Process Engineering out of the proceeds of a Liquid Fuel Combustion Course held in the former Department of Chemical Engineering and Fuel Technology in July 1960.

1. **Frequency of award:** One annually.
2. **Value of prize:** £200.
3. Eligible candidates: Postgraduate students working in the Department of Chemical & Biological Engineering.
4. Assessor: The Head of the above Department.

Gerald Underwood Memorial Prize

The prize was made available by the Trustees of the Memorial Fund for Gerald Underwood who was a Research Fellow in the former Department of Chemical Engineering and Fuel Technology from 1959 until his death in 1969.
1. Frequency of award: One annually.
2. Value of prize: £100.
3. Eligible candidates: Undergraduate students in the Department of Chemical and Biological Engineering.
4. Assessors: The Head of Department of Chemical & Biological Engineering and the Board of Examiners.
5. Criteria for assessment: General contribution to the life of the above Department.

Hector Aitken Wainwright Prizes

These prizes were established in 1982 as a memorial to the late Hector Aitken Wainwright who graduated in Engineering at the University in 1931 and subsequently obtained a Master’s Degree in Metallurgy at the University. In 1979 the University of Surrey conferred on him an Honorary Degree of Master of Science.
1. Frequency of award: Two annually.
2. Value of prizes: £60 each.
3. Eligible candidates: One each to students in the Departments of Electronic and Electrical Engineering and Mechanical Engineering who are candidates for the Level 3 Examination in the third year of a BEng programme of study or in the fourth year of an MEng programme of study.
4. Assessors: The Examiners of the above two Departments.
5. Criteria for assessment: Good all-round engineering ability.

Herbert Walker Swift Bursary

This bursary was endowed by Mrs M Swift as a memorial to her late husband, Emeritus Professor H W Swift, who was Professor of Engineering in the University from September 1936 until his retirement in July 1955.
1. Frequency of award: One annually.
3. Eligible candidates: Postgraduate students undertaking research in Mechanical Engineering for a higher degree in the Department of Mechanical Engineering.
4. Assessors: The Head and members of the academic staff of the Department of Mechanical Engineering.

Thomas and Daisy Walker Prizes in Electronic and Electrical Engineering

Established in 2016 in the memory of Thomas Walker (BEng 1931, MEng 1933) thanks to a generous legacy from the estate of his late wife Mrs Daisy Eveline Walker. One prize for outstanding performance on the MSc programme, the other for the best individual project in the MSc programme.
1. Frequency of award: Two annually.
2. Value of the prize: £250
3. Eligible candidates: All MSc students in the Department of Electronic and Electrical Engineering
4. Assessors: The MSc Examiners within the Department of Electronic and Electrical Engineering
5. Criteria for assessment: The best overall performance in assessed MSc work and in the MSc individual project
Walshaw Award
This prize was established in 1997, founded under the Will of Mr Leslie Walshaw.
1. Frequency of award: One annually.
2. Value of prize: £1,500.
3. Eligible candidates: Students who have registered for a programme of study in the Department of Materials Science and Engineering.
4. Assessors: The Examiners in the Department of Materials Science and Engineering.

Sir Harold West Awards
These awards were endowed by the Trustees of the Charitable Trust set up by the late Sir Harold E G West, former County Commissioner of the Scout Movement for South Yorkshire and former Master Cutler and Chairman of the Sheffield Chamber of Commerce and Industry, and Justice of the Peace.
1. Frequency of award: Eight annually.
2. Value of prizes: £65 each.
3. Eligible candidates: Undergraduate students in the Faculty of Engineering, with preference being given to those who have been, or still are, honourable members of the Scout Movement.
4. Assessors: The Heads of the Departments of the Faculty of Engineering.

Wiener Award
The prize was established by the Department of Automatic Control and Systems Engineering in 2013 to recognise Professor Norbert Wiener’s contribution to Systems and Control Engineering.
1. Frequency of award: One annually.
2. Value of award: £50.
3. Eligible candidates: Level 4 MEng students in the Department of Automatic Control and Systems Engineering.
4. Assessors: The Board of Examiners in the Department of Automatic Control and Systems Engineering.

The Chris Wilson Prize for Technical Communication
The Chris Wilson Prize for Technical Communication, is in memory of Professor Chris Wilson who was a member of academic staff within the Department of Mechanical Engineering until 2013. Given Professor Wilson's outgoing and extrovert nature and his flair for presenting technical information, the Department of Mechanical Engineering would like to award this prize to an undergraduate final year Mechanical Engineering student, who conducts the best overall presentation and viva as part of their final year project.
1. Frequency of award: One annually.
2. Value of the prize: £150 and certificate
3. Eligible candidates: Final Year Undergraduate Mechanical Engineering students
4. Assessors: The Examiners in the Department of Mechanical Engineering
5. Criteria for assessment: Best overall presentation and viva conducted as part of the student’s final year project

Wood Medal in Glass Technology
The medal was founded in 1920.
1. Frequency of award: One annually.
2. Value of prize: Medal.
3. Eligible candidates: Delegates having completed the IGDS programme leading to the Degree of MSc in Glass Technology and Management under the University of Sheffield and Sheffield Hallam University Joint Award Scheme.
4. Assessor: The Head of the Department of Materials Science and Engineering.

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5. **Criteria for assessment:** Performance in the programme leading to the Degree of MSc in Glass Technology and Management including the industrial project.

6. **Special conditions:** If the IGDS programme leading to the Degree of MSc in Glass Technology and Management run jointly by the University of Sheffield and Sheffield Hallam University comes to an end, the Council may not divert the funds without prior consultation with the Council of the Society of Glass Technology, or in the last event, with the Imperial Trust for the Encouragement of Scientific and Industrial Research, so that to whatever body the fund be diverted, the late Mr Frank Wood’s name shall be perpetuated.

**L J C Woolliscroft Prize**

This prize was endowed in 1996 through the generosity of friends of Les Woolliscroft in commemoration of his work as a scientist, engineer and teacher in the Department of Automatic Control and Systems Engineering.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Level 2 students in the Department of Automatic Control and Systems Engineering.
4. **Assessor:** The Head of the above Department.
5. **Criteria for assessment:** All-round performance during the year including general contribution to the life of the above Department.

**Worshipful Company of Ironmongers’ Prizes in Metallurgy**

These prizes were made available through the generosity of The Worshipful Company of Ironmongers, and replaced an earlier scholarship.

1. **Frequency of award:** Two annually.
2. **Value of prizes:** £200.
3. **Eligible candidates:** Undergraduate students taking courses in Metallurgy within the Department of Materials Science and Engineering.
4. **Assessor:** The Head of the Department of Materials Science and Engineering.
5. **Criteria for assessment:** Progress during the session.

**Clifton Wray Memorial Prize**

This prize was established in 2012 in memory of the late Clifton Wray, Mechanical Workshop Technician in the Department of Chemical & Biological Engineering from 2006 until his death in 2012.

1. **Frequency of award:** One annually.
2. **Value of prize:** £100.
3. **Eligible candidates:** Postgraduate research students registered in the Department of Chemical & Biological Engineering.
4. **Assessor:** Head of Department and current technicians in the Department of Chemical & Biological Engineering.
5. **Criteria for assessment:** Clarity and effectiveness in the design of an experimental set-up.

**Xiros Prize in Bioengineering with Speciality in Tissue Engineering**

The Xiros Prize in Bioengineering with Speciality in Tissue Engineering was established in 2015. Xiros (KIROST) was established in Leeds in 2000 to provide innovative medical design engineering and manufacturing services for minimally invasive surgical implants, with a particular emphasis on textile base solutions for sports medicine and orthopaedic surgery.

1. **Frequency of award:** One annually.
2. **Value of the prize:** £250.
3. **Eligible candidates:** Students in the final year of a BEng or MEng programme in Bioengineering.
4. **Assessors:** The Board of Examiners for the above programmes.
5. **Criteria for assessment:** Best performance in the final year in a module containing Tissue Engineering and/or final year research project which contains a significant component of Tissue Engineering.
6. **Special conditions:** Students awarded this prize may not also win the JRI prize in Bioengineering, the John Hicks (Smith & Nephew) prize for Bioengineering, the Kirkstall Prize in Bioengineering with Speciality in Bioreactor Technology or the Xiros Prize in Bioengineering with speciality in Biomechanics.
Xiros Prize in Bioengineering with Speciality in Biomechanics

The Xiros Prize in Bioengineering with Speciality in Biomechanics was established in 2015. Xiros (KI-ROS) was established in Leeds in 2000 to provide innovative medical design, engineering and manufacturing services for minimally invasive surgical implants, with a particular emphasis on textile base solutions for sports medicine and orthopaedic surgery.

1. Frequency of award: One annually.
3. Eligible candidates: Students in the final year of a BEng or MEng programme in Bioengineering.
4. Assessors: The Board of Examiners for the above programmes.
5. Criteria for assessment: Best performance in the final year in a module containing biomechanics and/or final year research project which contains a significant component of biomechanics.
6. Special conditions: Students awarded this prize may not also win the JRI prize in Bioengineering, the John Hicks (Smith & Nephew) prize for Bioengineering, the Kirkstall prize in Bioengineering with Speciality in Bioreactor Technology, or the Xiros Prize in Bioengineering with Speciality in Tissue Engineering.