

## 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.
2. *Value of prize:* £25.
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.
5. *Criteria for assessment:* Performance in the final year.

### 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.
2. *Value of bursary:* £500.
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.

### Edgar Baildon Prize in Mechanical Engineering

This prize has been endowed by Mrs Lydia Baildon as a memorial to her late husband, Edgar Baildon, 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.

### Best Demonstrator Prize

This prize was established 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, who work as demonstrators in the undergraduate laboratory sessions.
4. *Assessor:* Lab Demonstrators Co-ordinator.
5. *Criteria for Assessment:* The most effective demonstrator.

### Biological & Bioprocess Engineering Best Research Project Report 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 Examiners for the programme.
5. *Criteria for Assessment:* The Research Project Report with the highest mark.

### **Biological & Bioprocess Engineering Best 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 Examiners for the programme
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 Examiners for the above examination.

5. *Criteria for assessment:* Best results in the above examination.

### **The British Computer Society Eliot Chiat Prize**

Founded in 2004 in memory of Eliot Chiat, Secretary for the South Yorkshire branch of the British Computer Society 1997-2002.

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.

### **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 & Biological Engineering Best BEng Design Project Report**

This prize was established in 2012.

1. *Frequency of Award:* One annually.
2. *Value of Prize:* £100 plus a letter from the Head of Department.
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 UG Examiners.
5. *Criteria for Assessment:* The Design Project Report with the highest mark.

### **Chemical & Biological Engineering Best MEng Research Project Report**

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 UG Examiners.
5. *Criteria for Assessment:* The Research Project Report with the highest mark.

### **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.

### **The CRC Press Handbook of Chemistry and Physics Prize**

This prize is awarded through the generosity of Taylor & Francis/CRC Press.

1. *Frequency of award:* One annually.
2. *Value of Prize:* CRC Press Handbook of Chemistry and Physics.
3. *Eligible candidates:* Level 1 undergraduate students in the Department of Chemical and Biological Engineering.

4. *Assessors:* The Examiners in the Department of Chemical and Biological Engineering.
5. *Criteria for assessment:* Best results in the above examinations.

### **Violet Dimpleby Prize for Chemical Laboratory Work**

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

1. *Frequency of award:* One annually.
2. *Value of prize:* £25.
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:* £100 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 £100; value to be agreed by the Committee of Assessors having regard to the funds available.
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.

## The EDF Energy Project Prize

Founded in 2011, this prize was established with the generosity of EDF Energy

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.

## 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.

## 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 following the MSc (Eng) Environmental & Energy Engineering degree programme.
4. *Assessors:* Academics and Researchers in the Department of Chemical and Biological Engineering, and Energy Institute Yorkshire Branch members.
5. *Criteria for assessment:* The best Poster Presentation of the Research Project.

## Environmental & Energy Engineering Best Research Project Report 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 Examiners for the programme.
5. *Criteria for Assessment:* The Research Project Report with the highest mark.

## Environmental & Energy Engineering Best 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 Environmental & Energy Engineering.
4. *Assessor* – The Head of Department of Chemical & Biological Engineering and Examiners for the programme.
5. *Criteria for Assessment:* The best result in the above examinations.

## 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.
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:* £100.
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 or biomedical engineering.
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. 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.

## **IABG Functional Safety Prize**

Founded in 2014, this prize was established through the generosity of IABG.

1. *Frequency of award:* One annually.
2. *Value of prize:* £100 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.

## **Industrial Placement Prize in Chemical Engineering and Fuel Technology**

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 the above Department.
5. *Criteria for assessment:* The best report based on industrial placement and/or vacation work.

## **Inspec Solutions Prize**

This prize was made available in 2010-11 by Inspec Solutions Ltd.

1. *Frequency of award:* One annually.
2. *Value of prize:* £100.
3. *Eligible candidates:* MSc students in the Department of Computer Science.
4. *Assessors:* The Examiners for the degree.
5. *Criteria for assessment:* Best overall performance in the MSc programmes.

## **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 Examiners in the Department of Chemical and Biological Engineering.
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:* Two annually.
2. *Value of prize:* £50 in books selected by the prize-winner and approved by the Head of the Department of Civil and Structural Engineering.
3. *Eligible candidates:* a) Level 1 students in the Department of Civil and Structural Engineering. b) Final

year 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 and Final year 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.

### **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 in book tokens.
3. *Eligible candidates:* Final year students who are candidates for the BEng or MEng programmes in Biomaterials Science and Tissue Engineering or Biomedical Engineering.
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.

### **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 Control Systems 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.

### **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:* £100.
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 £50 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.
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.

### **Mappin Medals and Premiums**

Through the generosity of the late Sir Frederick Mappin, Bart, the University is able to offer, by competition, eight medals (one in each of the seven Departments of the Faculty of Engineering and one for students taking interdisciplinary programmes of study in the Faculty), each accompanied by a premium.

1. *Frequency of award:* Eight annually.
2. *Value of prizes:* £100 and a medal.
3. *Eligible candidates:* Students in the Faculty of Engineering who are candidates for the Level 3 Examination in the third year of a BEng course or the Level 4 Examination in the fourth year of an MEng course.

4. *Assessors:* The Examiners for the above degrees.
5. *Criteria for assessment:* Greatest distinction shown by candidates reading for the above degrees.

### **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.

### **Morgan Advanced Ceramics Ltd Prize**

This prize has been made available through the generosity of Morgan Advanced Ceramics Ltd.

1. *Frequency of award:* One annually.
2. *Value of prize:* £500.
3. *Eligible candidates:* Undergraduate students taking Level 1 examinations in the Department of Materials Science and Engineering.
4. *Assessors:* The Examiners for the above examination.
5. *Criteria for assessment:* Outstanding achievement in the above examination.

### **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:* £75
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 Department's 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.

### **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. *Assessor:* 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:* An outstanding performance at Level 3 of an undergraduate programme in the Department of Automatic Control and Systems Engineering.

### **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.
5. *Criteria for assessment:* An outstanding performance on an MSc programme in the Department of Automatic Control and Systems Engineering.

### **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
5. *Criteria for Assessment:* Best average mark at Level 2.

### **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 Board of Examiners for the MSc (Eng) Process Safety & Loss Prevention.
5. *Criteria for assessment:* Best results in the above examinations.

### **Process Safety & Loss Prevention Best Dissertation 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 Process Safety & Loss Prevention.
4. *Assessor:* The Head of Department of Chemical & Biological Engineering and Examiners for the programme.
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.

### **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.
4. *Assessors:* The Examiners for courses in Aerospace Engineering.
5. *Criteria for assessment:* Outstanding achievement.

### **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:* £50.
3. *Eligible candidates:* Undergraduate students in the Department of Chemical and Biological Engineering.
4. *Assessor:* The Head of the above Department.
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.
5. *Criteria for assessment:* Outstanding PhD student in 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.
5. *Criteria for assessment:* Best overall performance in the year.

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

## **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 Chemical Engineering and Fuel Technology within the Department of Chemical and Biological Engineering.
4. *Assessor:* The Head of the above Department.
5. *Criteria for assessment:* Academic and personal promise displayed at postgraduate level.

## 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:* £45.
3. *Eligible candidates:* Undergraduate students in the Department of Chemical and Biological Engineering.
4. *Assessors:* The academic staff of the above Department.
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.
2. *Value of prize:* £200.
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
5. *Criteria for assessment:* Research work in Mechanical Engineering.

## 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.
5. *Criteria for assessment:* Performance in the subject of Metallurgy.

## 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.
5. *Criteria for assessment:* Academic and personal promise displayed during Level 1.

## 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
5. *Criteria for Assessment:* Best average mark at Level 4.

### **John Wiley and Sons Ltd Prize**

This prize was made available in 1999 by John Wiley and Sons Limited.

1. *Frequency of award:* One annually.
2. *Value of prize:* £100 of book tokens to be redeemed against books from John Wiley and Sons Ltd.
3. *Eligible candidates:* Level 1 students in the Department of Computer Science.
4. *Assessors:* The Examiners in the above Department.
5. *Criteria for assessment:* The best overall performance.

### **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.
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:* Total value not to exceed the annual income from the endowment.
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.