

This Higher Education Achievement Report (HEAR) incorporates the model developed by the European Commission, Council of Europe for the Diploma Supplement.

The Purpose of the Supplement is to provide sufficient recognition of qualifications (diplomas, degrees, certificates etc.). It is designed to provide a description of the nature, level, context and status of the studies that were pursued and successfully completed by the individual named on the original qualifications to which this Supplement is appended. It should be free from any value judgement, equivalence statements or suggestions about recognition. Information in all eight sections should be provided. Where information is not provided, an explanation should give the reason why.

## 1. QUALIFICATION HOLDER

### 1.1 Surname

Nalla

### 1.2 Forename(s)

Sri Krishna Sai

### 1.3 Date of birth (day/month/year)

23/11/1996

### 1.4 Student Identification Number

40276613

## 2. QUALIFICATION IDENTIFICATION

### 2.1 Name of qualification

Master of Science

### 2.2 Main fields of study for the qualification

Mechanical Engineering with Management and Industrial Internship

### 2.3 Name and status of the awarding institution

Queen's University Belfast

### 2.4 Name and status of institution administering studies (if different from 2.3)

### 2.5 Language(s) of instruction

English

## 3. QUALIFICATION LEVEL

### 3.1 Level of qualification

Masters (Level 7)

### 3.2 Official length of programme

2 Years

### 3.3 Access requirements

The normal entrance requirement for a masters degree is a second class honours degree from a UK university or its equivalent

## 4. CONTENT AND RESULTS GAINED

### 4.1 Mode of study

Full Time

### 4.2 Programme requirements

Students must satisfy programme requirements as prescribed in the Programme Specification.

### 4.3 Programme details

Please refer to the following page(s).

### 4.4 Grading scheme

The pass marks for taught postgraduate University examinations are as follows:  
50% Postgraduate Certificate, Postgraduate Diploma and Master's Degree

For Postgraduate Certificate, Postgraduate Diploma and Master's Degree results there shall be a common mark scale as follows:

70+	Pass with distinction*
60+	Pass with commendation
50+	Pass
Below 50	Fail

\*For Master's Degrees, a pass with distinction will be awarded only when the following three conditions have been satisfied: an overall average of 70+ is achieved and a mark of 70+ is achieved in the dissertation module and an average of 65+ is achieved in the other modules.

Full details of grading schemes can be found at:  
"http://www.qub.ac.uk/directorates/AcademicStudentAffairs/AcademicAffairs/GeneralRegulations/StudyRegulations/StudyRegulationsforPostgraduateTaughtProgrammes/#d.en.717745"

### 4.5 Overall classification and date of completion

Master of Science in Mechanical Engineering with Management and Industrial Internship, Pass (59%)

Completed: NA  
Awarded: NA

### Programme Details (referred from 4.3)

Note the Honours Classification has been calculated in accordance with the [University Regulations](#) from the year of first enrolment on the programme. If a superscripted number appears after a mark, it indicates the number of times the assessment was performed.

**Key to Exam Board Notes :** (ABS) Absent, (ABSM) Absent Mitigation, (CO) Class Attend Only - No Result, (DTD) Discounted, (F) Fail, (FAL) Fail Alternative Assessment, (FAS) Fail Assigned Mark, (FSR) Failed Supplementary Regs, (FX) Fail Incomplete, (IF) Include Fail, (IFX) Include Fail Incomplete, (INC) Incomplete, (MNA) Mark Not Available, (P) Pass, (PAL) Pass Alternative Assessment, (PAS) Pass Assigned Mark, (PC1) Pass by Compensation, (PCP) Pass subject to passing Clinic, (PD) Pass with Distinction, (PDSC) Pass D'tion sub/to competency, (PH) Pass with Honours Restriction, (PM) Pass with Merit, (PSCC) Pass subj to competency compl, (RN) Resit as new, (RNX) Resit as New Incomplete, (U) Undefined (INTO use only), (X) Exempt.

#### Academic Year 2020/21

Plan Code	Description
-----------	-------------

MEE-MSC-MI	MSC (T) Mechanical Engineering with Management and Industrial Internship Year Out (Placement)
------------	--

Course Code	Title	Mark	Result	ECTS Credits
MEE 7027	Computer-Aided Engineering	54	P	10
MEE 7029	Sustainable Energy Systems	59	P	10
MEE 7031	Research and Data Analytics	52	P	10
MEE 7012	Project & Dissertation	57	P	30

#### Academic Year 2019/20

Plan Code	Description
-----------	-------------

MEE-MSC-MI	MSC (T) Mechanical Engineering with Management and Industrial Internship
------------	--

Course Code	Title	Mark	Result	ECTS Credits
MEE 7012	Project & Dissertation		ABSM	30
MEE 7027	Computer-Aided Engineering		ABSM	10
MEE 7031	Research and Data Analytics		ABSM	10
MEE 7029	Sustainable Energy Systems		ABSM	10
MEE 7033	Engineering Systems and Management	66	P	10
MEE 7028	Manufacturing Technology	63	P	10
MEE 7032	Business Management and Enterprise	68	P	10
MEE 7098	Employability	P	P	0

## 5. QUALIFICATION FUNCTION

### 5.1 Access to further study

Access to postgraduate research study (Level 8)

### 5.2 Professional status (if applicable)

Institute of Mechanical Engineers

## 6. ADDITIONAL INFORMATION

### 6.1 Additional information

--

#### 6.1.2 Additional Recognised Activities

The Future-Ready Award is a formal accreditation by Queen's University Belfast of a student's learning and skills developed through work-related extra-curricular activities.

- Master Your Leadership Skills

#### 6.1.3 University, Professional and Departmental Prizes

There are a vast range of prizes and awards available to reward excellence and achievement in performance of students at the University. Most are administered by Schools of the University and are awarded on the basis of academic achievement.

## 7. CERTIFICATION OF THE SUPPLEMENT

7.1 Date: 23/10/2024

7.2 Signature: James Campbell

7.3 Capacity: Head of Student Registry  
Services



*The Higher Education Achievement Report is printed in black ink on paper watermarked with the crest of the University and carries the official University stamp. It is not valid unless in this format.*

7.4 University Stamp

## 8. INFORMATION ON THE NATIONAL HIGHER EDUCATION SYSTEM

In the United Kingdom (UK), Higher Education (HE) is a devolved matter, with political oversight provided by the UK Government and Parliament (England), the Scottish Government and Parliament (Scotland), the Welsh Government and Parliament (Wales), and the Northern Ireland Executive and Assembly (Northern Ireland). HE provision is offered by many different types of institution that are active in teaching, research, and scholarship. The term includes all publicly funded universities and other HE institutions, alternative HE providers that offer HE courses but do not receive annual public funding, and those further education colleges in England and Wales which offer HE level courses.

### Degree Awarding Powers and University Title

The power to award degrees is regulated by law in the UK. Those organisations granted the power to award HE degrees are referred to as 'Recognised Bodies', and a full list of these is published by the UK Government. It is an offence for an organisation to purport to award, or to offer a UK degree, unless it is authorised to do so. Degree-awarding bodies often work with other providers that do not have degree awarding powers to deliver provision which leads to a qualification of the degree-awarding body. The Listed Bodies Order confirms the providers that do not have the powers to award their own degrees, but offer programmes that lead to a degree of a Recognised Body (see <https://www.gov.uk/check-a-university-is-officially-recognised>).

### Qualifications

There are two parallel frameworks for HE qualifications of UK degree-awarding bodies, one that applies to Scotland and one that operates in the rest of the UK:

- The Framework for Higher Education Qualifications of Degree-Awarding Bodies in England, Wales and Northern Ireland (FHEQ)
- The Framework for Qualifications of Higher Education Institutions in Scotland (FQHEIS).

These frameworks are the principal national reference points for academic standards in UK HE. They meet the expectations of the Bologna Declaration and thus align with A Framework for Qualifications of the European Higher Education Area (QF-EHEA).

### Quality Assurance

Academic standards are established and maintained by HE institutions themselves, using an extensive and sophisticated range of shared quality assurance approaches and structures. Standards and quality in institutions are underpinned by the use of external examiners, standards agreed and recognised by the sector, by the activities of the Quality Assurance Agency for Higher Education (QAA), and in professional areas by relevant professional, statutory and regulatory bodies. The sector standards are overseen by the UK Standing Committee for Quality Assessment, formed from partner organisations, providers and national HE regulators.

A cornerstone of quality arrangements across all four nations is the UK Quality Code for Higher Education, which was revised in 2018. The Quality Code articulates fundamental principles that apply to HE quality across the UK, irrespective of changing national contexts. It incorporates Expectations and Core Practices which are applicable to all providers in the UK, and Common Practices which only apply to Scotland, Wales and Northern Ireland, and can be accessed at <https://www.qaa.ac.uk/quality-code>.

All institutions that possess degree-awarding powers of any kind must undergo quality assurance review activity as required by the relevant government.

### Northern Ireland

Funding for HE is directly provided by the Department for the Economy in Northern Ireland. Northern Ireland is currently operating under the QAA's 2016 Higher Education Review method, with the expectation of introducing an enhancement-led model as part of any future reforms.

### Credit Systems

A number of integrated credit frameworks operate within the UK: the Scottish Credit and Qualifications Framework (SCQF) and the Credit and Qualifications Framework for Wales (CQFW), both of which are underpinned by the same principles, such as the definition of one credit as 10 notional hours of learning.

The FHEQ is a qualifications framework, based on the outcomes represented by the main qualification titles; it is not an integrated credit and qualifications framework, nor does its use depend on the use of credit. Not all degree-awarding bodies in England use credit in the same way, therefore. Some may not use credit at all, and some may use the European Credit Transfer and Accumulation System (ECTS) to support student mobility within Europe and award ECTS points rather than UK credit.

Nevertheless, credit is widely used by most degree-awarding bodies in the UK. An advisory Higher Education credit framework for England has been in use since 2008. The credit framework is written for HE providers in England as a description of the typical practice developed across the sector and to provide a reference point for those wishing to introduce or consolidate their use of credit. The SCQF and the CQFW are integrated credit and qualifications frameworks, which means that they specify minimum credit volumes and levels for qualifications. The SCQF embraces all educational sectors, with the FQHEIS as a constituent part; and the CQFW is a meta-framework for credit and qualifications in Wales, embracing all post-14 education and training, and treating the FHEQ as a constituent part. The credit arrangements in the FQHEIS/SCQF apply to all degree-awarding bodies in Scotland. All degree-awarding bodies in Wales have agreed to use the credit arrangements stipulated in the CQFW, in relation to the FHEQ.

### Admission

UK HE providers determine their own admissions policies and the minimum entry requirements for each programme. For Bachelor's degrees, the minimum entry requirement is usually two or three General Certificate of Education Advanced-level (GCE A level) passes, as well as a minimum number of General Certificate of Secondary Education (GCSE) passes at grade C or above. These remain the most common form of entry qualification held by young entrants to HE. Other appropriate qualifications may also provide entry, e.g. the International Baccalaureate, the Welsh Baccalaureate, Scottish Highers, Advanced Highers, or qualifications at the same levels of the Scottish Credit and Qualifications Framework and Edexcel BTEC National Qualifications. The Universities and Colleges Admissions System (UCAS) tariff establishes comparability between different types of qualification across the UK using a points system.

The Access to Higher Education Diploma provides another route for mature entrants. Most institutions also welcome applications from mature candidates who have had appropriate experience but may lack formal qualifications, offering credit for prior study and informal learning acquired through work or other experiences (Recognition of Prior Learning (RPL)).

# Comparing Qualifications in the UK

The table compares qualifications across the UK, providing examples of major qualifications at each level. For more details, refer to the website given at the head of each column.

Framework for higher education qualifications in England, Wales and Northern Ireland www.qaa.ac.uk	Regulated Qualifications Framework for England and Northern Ireland www.ofqual.gov.uk www.ccea.org.uk	Credit and Qualifications Framework for Wales www.cqfw.net	Scottish Credit and Qualifications Framework www.scqf.org.uk
LEVEL	LEVEL	LEVEL	LEVEL
8 Doctoral Degree	8 Vocational, Technical and Professional Qualifications	8 Doctoral Degree, Vocational Qualifications	12 Doctoral Degree, Professional Apprenticeship, Professional Development Award (PDA), Award
7 Master's Degree, Integrated Master's Degree, Postgraduate Diploma, Postgraduate Certificate in Education (PGCE), Postgraduate Certificate	7 Vocational, Technical and Professional Qualifications	7 Master's Degree, Vocational Qualifications, Postgraduate Certificate in Education (PGCE)	11 Master's Degree, Integrated Master's Degree, Postgraduate Diploma, Postgraduate Certificate, Professional Apprenticeship, Graduate Apprenticeship PDA, SVQ, Award
6 Bachelor's Degree with Honours, Bachelor's Degree, Professional Graduate Certificate in Education (PGCE), Graduate Diploma, Graduate Certificate	6 Vocational, Technical and Professional Qualifications	6 Honours Degree, Vocational Qualifications, Professional Certificate in Education	10 Bachelor's Degree with Honours, Graduate Diploma, Graduate Certificate, Professional Apprenticeship, Graduate Apprenticeship, PDA, SVQ, Award
5 Foundation Degree, Diploma of Higher Education (DipHE), Higher National Diploma (HND)	5 Vocational, Technical and Professional Qualifications, Higher National Diploma (HND)	5 Foundation Degree, Vocational Qualifications, Higher National Diploma (HND)	9 Bachelor's/Ordinary Degree, Graduate Diploma, Graduate Certificate, Graduate Apprenticeship, Technical Apprenticeship, PDA, SVQ, Award
4 Higher National Certificate (HNC), Certificate of Higher Education (CertHE)	4 Vocational, Technical and Professional Qualifications, Higher National Certificate (HNC)	4 Higher National Certificate (HNC), Certificate of Higher Education (CertHE), Vocational Qualifications	8 Higher National Diploma (HND), Diploma of Higher Education (DipHE), Technical Apprenticeship, Higher Apprenticeship, PDA, SVQ, Award
3 Access to HE Diploma*	3 Vocational, Technical and Professional Qualifications, GCE AS and A Level	3 Welsh Baccalaureate Advanced, Vocational Qualifications, GCE, AS and A Level, Access to HE	7 Higher National Certificate (HNC), Certificate of Higher Education (CertHE), Modern Apprenticeship, PDA, SVQ, Scottish Baccalaureate, Advanced Higher, Award
*The Access to HE Diploma is regulated by QAA but is not part of the FHEQ	2 Vocational & Technical Qualifications, GCSE at grade A*-C and grade 9-4, Functional Skills (England), Essential Skills Qualification (NI)	2 Welsh Baccalaureate National, Vocational Qualifications, Essential Skills Wales Qualifications, GCSE at grade A*-C	6 Higher, Modern Apprenticeship, Foundation Apprenticeship, National Progression Award (NPA), National Certificate, PDA, SVQ, Award
	1 Vocational & Technical Qualifications, GCSE at grade D-G and grade 3-1, Functional Skills (England), Essential Skills Qualifications (NI)	1 Welsh Baccalaureate Foundation, Vocational Qualifications, Essential Skills Wales Qualifications, GCSE at grade D-G	5 National 5, Modern Apprenticeship, SVQ, NPA, National Certificate, Award
	Entry Level Entry Level Certificate (sub levels 1-3), Functional Skills (England), Essential Skills Qualifications (NI)	Entry Level Entry Level Qualifications, Essential Skills Qualifications	4 National 4, SVQ, NPA, National Certificate Award
			3 National 3, NPA, National Certificate, Award
			2 National 2, NPA, National Certificate, Award
			1 National 1, Award

Please note that the Credit and Qualifications Framework for Wales incorporates the Framework for Higher Education Qualifications of Degree-Awarding Bodies in England, Wales and Northern Ireland (FHEQ); the Scottish Credit and Qualifications Framework incorporates the Framework for Higher Education Qualifications of Higher Education Institutions in Scotland (FQHEIS).

Information correct at time of printing – September 2020.