



**ARTICULATION AGREEMENT
BETWEEN
AUCKLAND UNIVERSITY OF TECHNOLOGY
AND
MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES**

THIS AGREEMENT is made on the 03rd day of March 2021

1 INTRODUCTION

- 1.1 Auckland University of Technology, Auckland, New Zealand (AUT) and *Manav Rachna International of Research and Studies (MRIIRS)* of Sector-43, Aravalli Hills, Delhi. Surajkund Road, Faridabad, India, have entered into this agreement to facilitate the progression which may include transfer of credit for a student who has completed an approved qualification or paper offered by MRIIRSto an approved qualification in AUT.
- 1.2 AUT and MRIIRS enter into this Agreement as cooperating partners who shall maintain the integrity of their separate programs and qualifications.

THE PARTIES AGREE:

1. DEFINITIONS

For the purposes of this agreement:

Parties shall mean Auckland University of Technology (AUT) and *MRIIRS*

Party A is AUT

Party B is MRIIRS

Course of Study refers to a sequence of courses taken by a student within a qualification.

Term is the period of the agreement.

Course is the smallest element of a programme or qualification for the purpose of granting credit, identified by means of a unique code number and may be referred to in other jurisdictions as a course, unit or subject.

Programme is a prescribed set of one or more papers leading to a qualification.

Schedule is the addendum to the agreement.

Schedule/s and any appendices is/are the addendums to the agreement

Faculty shall represent the appropriate academic entity at the respective institution.

3 AGREEMENT ON COMMUNICATION

- 3.1 The Parties agree to communicate with their common and respective publics concerning the terms and conditions of this agreement. This may involve the development and distribution of publications and exchange of information to assist in promotion and review.
- 3.2 Each Party will inform the other of any changes in the curriculum or regulation changes on an annual basis, which may affect the progression of students under this Agreement or papers, and qualifications listed in the Schedule.
- 3.3 The Parties agree, for the term of this Agreement, for the other party to use their logo, insignia and name in all promotional materials in connection with the promotion of the approved course of study. Such use is to be carried out following prior consultation and written approval of the other Party and subject to such conditions and directives as may be required.

4 PERIOD OF AGREEMENT

- 4.1 This agreement shall commence on the date hereinbefore written and shall continue for a period of three (3) years (the *Term*).
- 4.2 This agreement may be amended or varied from time to time provided that such amendment or variation is evidenced in writing and signed by the parties.
- 4.3 No later than three (3) months prior to the expiration of the term, both parties may by mutual written agreement extend the term for an additional period of three (3) years. The terms and conditions of this agreement apply to the extended term unless varied by mutual agreement of the parties.

5 RECRUITMENT AND ENROLMENT

- 5.1 Students will be admitted to the AUT qualification and major or specialisation in accordance with the entry and selection requirements listed in the University's Academic Calendar. Where there are any changes or more detailed requirements for entry on the basis of the articulating qualification then these are detailed in the Schedule.
- 5.2. AUT agrees to issue the conditional offer of place for students covered in this agreement at the time of initial applications of enrolment. The Offer of Place is conditional on the following entry requirements:
 - a) English Language Proficiency of IELTS 6.0 (with all bands at 5.5 or higher) or recognised equivalent (successful completion of the New Zealand Certificate of English Language (NZCEL) Level 4 Academic, or Language Cert – C1 Expert International ESOL with pass, are a recognised equivalent standard).

- 5.2 AUT reserves the right to refuse admission to any person who is deemed unsuitable.
- 5.3 Any student who has satisfactorily completed the academic requirements of the approved course at MRIIRS as listed in the Schedule may transfer the relevant credit associated with the qualification to the approved qualification and course of study at AUT. Maximum credits that can be transferred is 240 points.
- 5.4 All students must provide an official transcript from MRIIRS in order to be admitted to the approved course of study at AUT.
- 5.5 A student who wishes to articulate their course of study under this agreement to an AUT qualification must be enrolled at AUT and have paid all enrolment and associated fees.
- 5.6 AUT reserves the right to determine the point of time in the student's course of study in the AUT qualification as to when the prior learning credit will be processed and reflected on the student's academic record.

6 ASSESSMENT AND MODERATION

- 6.1 The respective parties will be responsible for the assessment and moderation of their approved course of study.
- 6.2 All students will be provided with an official transcript showing evidence of completion of their approved course of study at each institution.
- 6.3 Unsatisfactory academic progress is to be determined and managed in accordance with the regulations of the respective Party. Student withdrawals due to unsatisfactory progress shall be subject to the regulations of the respective Party.
- 6.4 Student progress and performance in the AUT qualification will be monitored during the first three years of the agreement. Any issues will be communicated to Party B or as part of the renewal or termination process.
- 6.5 Each Party reserves the right to withdraw from offer a paper if there are insufficient number of enrolments, however, the Parties shall use their reasonable endeavours to make alternative arrangements to ensure that students are in a reasonable position to complete their approved course of study within the minimum duration as specified in the Schedule.

7 APPROVAL, ACCREDITATION AND REVIEW

- 7.1 Each Party is responsible for gaining and maintaining any approval and accreditation related to the qualification or its offering as required by any local statutory, accrediting or professional body which has authority for that organisation.

8 DISPUTE RESOLUTION

- 8.1 If a dispute arises between the Parties in relation to this Agreement, the parties will, without prejudice to any other rights or entitlements they may have under this Agreement or any other agreement, explore immediately in good faith whether the dispute can be resolved by agreement between them in accordance with the following procedure.
- (a) each Party will appoint a suitable senior representative who will meet within seven days to resolve the dispute. If the dispute is not resolved by them, then:
 - (b) the Parties agree to use informal dispute resolution techniques such as negotiation, mediation, independent expert appraisal or any other alternative dispute resolution techniques. The rules governing any such technique adopted shall be as agreed between the Parties.
- 8.2 The Parties agree to act in good faith and use their best endeavours to achieve resolution of any dispute or difference arising out of this agreement and in accordance with the procedure in clause 5.1.
- 8.3 Both Parties will continue to comply with their obligations arising under any other agreement held with the other Party until the dispute is resolved.

9 TERMINATION

- 9.1 Either Party may terminate this agreement on written notice of its intent to terminate given six calendar months prior to the effective date of the termination.
- 9.2 Termination will not operate to prejudice a student who at the date of termination is engaged in an articulation, the intention being that articulation reaches its natural or contemplated conclusion.

10 CONFIDENTIAL INFORMATION

Except as otherwise required by law, each Party agrees:

- 10.1 To treat all information which comes to its knowledge or into its possession in connection with this agreement as strictly private and confidential
- 10.2 Not to use that information in any way for profit, unless and until it becomes public knowledge otherwise than by that Party's own disclosure.

11 LIABILITY

- 11.1 In relation to this Agreement each Party agrees to indemnify the other for any claims for compensation from third parties in respect of its legal liability:
- (a) for death, personal injury or property damage.
 - (b) arising out of any act error or omission which constitutes a breach of professional duty.
- 11.2 Where such claims arise from the joint negligence of each Party then the respective indemnities shall be in proportion to the allocable share of joint negligence.

12 REPRESENTATIVE

12.1 Any notices, requests or communication in connection with this agreement shall be made in writing to

PART A:

Dr Yvonne Chan
Associate Dean, Director of External Engagement
Faculty of Design and Creative Technologies
Phone: +64 9 921 9999 Ext.8349
Email: yvonne.chan@aut.ac.nz

PART B:

Name: Girish Kumar Sharma
Role: Director-Planning and Coordination
Address: Sector – 43, Aravalli Hills, Delhi
Phone: +91 129 4198219
Email: director.planning@mrei.ac.in

13 THIRD PARTY REPRESENTATION

13.1 It is agreed that Auckland University of Technology nominate Estero New Zealand Ltd, a registered agency. Estero New Zealand Limited will:

- a. Attend to inquiries from prospective students by providing information about the courses available at AUT and, where appropriate, provide counselling to candidates about the courses and relevant admission criteria.
- b. Assist students to comply with formal requirements involved in applying for admission to the relevant courses, and processing of application forms.
- c. Assist successful applicants to obtain the necessary travel and visa documentation.
- d. Assist students to arrange accommodation in New Zealand.
- e. It is agreed that for as long as this agreement is in effect Auckland University of Technology will not accept applications from, nor provide offers to entities other than Estero including, but not limited to other agencies, direct student applications, or from the partner University.

Signed for and on behalf of
**AUCKLAND UNIVERSITY OF
TECHNOLOGY** by:

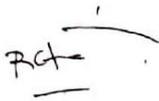


Authorised Signatory

Dr Yvonne Chan
Associate Dean - Engagement

Role

in the presence of:



Name: Dr. Ricardo Chacon
Occupation: DCT-International
Partnerships Manager

Date: July 27, 2021

Signed for and on behalf of *Manav
Rachna International Institute of
Research and Studies* by:



Authorised Signatory

Col. Gish Kumar Sharma
Director - Planning & Coordination

Role

in the presence of:



Name: Ms. Radhika Gupta
Occupation: Sr. Coordinator- Planning
& Coordination

Date: August 3, 2021

SCHEDULE

The papers in this Schedule were carefully selected to meet AUT's general education requirements and the requirements of the Academic Board according to the General Academic Statute and General Academic Regulations. The regulations can be found at Auckland University of Technology: www.aut.ac.nz/calendar

Approved Qualifications

Manav Rachna International Institute of Research and Studies	Entry to AUT qualifications
Bachelor Technology (Civil Engineering)	Bachelor Engineering Honours, Construction Engineering

Admission

Applicants for admission to the approved qualification or programme shall meet the entry requirements as reflected in the regulations and published entry and selection criteria.

Entry Requirement:

- Entry requirements to AUT qualification would depend on MRIIRS CGPA as follows:

MRIIRS CGPA	Articulation point at AUT	Remarks
>8.0	Level 7 – Direct into start of 3 rd year	Students demonstrating this attainment level are generally highly competent in the Indian system. This will be a genuine 2+2 articulation (240 points in India and 240 points at AUT)
7.0 to 7.9	Level 6 – Into second semester of second year	Students in this category are generally competent but will be lacking aspects of fundamental design and particularly mathematical knowledge. This will be a 2+2.5 articulation (240 points in MRIIRS and 240 points at AUT)
6.0 to 6.9	Level 6 – articulation into the start of second year	Students in this category are generally competent but will be require substantial additional content to bring the candidates up to speed. This will be a 2+3 articulation arrangement. (240 points in MRIIRS and 360 points at AUT)
< 6.0	Not recommended	

- All students articulating into the AUT programme will be required to take the specifically stated courses through Manav Rachna International Institute of Research and Studies (MRIIRS) over the first 2 years of study, equivalent to 240 NZ points. Entry into the AUT programme will be dependent on the CGPA attained by the MRIIRS student, at one of three entry points as described. Total study points in AUT will be either 240, 300 or 360 depending on entry CGPA.
- English Language Proficiency of IELTS 6.0 (with all bands at 5.5 or higher) or recognised equivalent (successful completion of the New Zealand Certificate of English Language

(NZCEL) Level 4 Academic, or LanguageCert – C1 Expert International ESOL with pass, are a recognised equivalent standard).

Table A:

Papers at MRIIRS transferred to AUT, equivalent to 240 points, level 5 and 6.

First Year equivalent to 120 AUT points

Paper code	Paper title	Semester	Remarks
BPH-102	Physics (Mechanics- Civil)	S1	Fundamental
BMA-102	Mathematics- 1	S1	Fundamental
BEE-101	Basic Electrical Engineering	S1	Fundamental
BPH-151	Physics lab	S1	Fundamental
BEE-151	Basic Electrical Engg lab	S1	Fundamental
BME-101	Engg Graphics & Design	S1	Core
BHM-101	Professional Communication	S1	Ability Enhancement Courses (AEC)
BHM-MC-001	Constitution of India	S1	HSMC
BCH-100	Chemistry	S2	Fundamental
BMA-202	Mathematics- 2	S2	Fundamental
BCS-101	Programming for Problem Solving	S2	Fundamental
BCH-151	Chemistry lab	S2	Fundamental
BCS-151	Programming for Problem Solving lab	S2	Fundamental
BHM-201	English	S2	Ability Enhancement Courses (AEC)
BHM-151	English lab	S2	Ability Enhancement Courses (AEC)
BME- 102	Workshop/Manufacturing Practices	S2	Skill Enhancement Courses (SEC)
BCH-MC-002	EVS	S2	HSMC

Second Year (equivalent to 120 AUT points)

Paper code	Paper title	Semester	Remarks
BMA-305	Mathematics-3 (Transform & Discrete Mathematics)	S1	Fundamental
BEC-DS-312	Basic Electronics	S1	Fundamental
BEC-DS-362	Basic Electronics Lab	S1	Fundamental
BCE-DS-301	Computer-aided Civil Engineering Drawing	S1	Core
BCE-DS-302	Engineering Mechanics for Civil Engineers	S1	Core
BCE-DS-303	Disaster Preparedness & Planning	S1	Core
BCE-DS-304	Introduction to Civil Engineering	S1	Core
BCE-DS-305	Engineering Geology	S1	Core
BHM-MC-004	Quantitative Aptitude	S1	Ability Enhancement Courses (AEC)
Proj-CE-300	Summer Internship-I	S1	Proj
RIC-300	Research Innovation Catalyst-I	S1	Skill Enhancement Courses (SEC)
BCE-DS-351	Computer-aided Civil Engineering Drawing Lab	S1	ESC
BCE-DS-352	Engineering Geology Lab	S1	Core
BCE-DS-401	Introduction to Fluid Mechanics	S2	Core
BCE-DS-402	Introduction to Solid Mechanics	S2	Core
BCE-DS-403	Surveying & Geomatics	S2	Core
BCE-DS-404	Materials, Testing & Evaluation	S2	Core
BCE-DS-405	Energy Science & Engineering	S2	Core
BCE-DS-452	Solid Mechanics Lab	S2	Core
BHM-MC-006	QAPD-I	S2	Ability Enhancement Courses (AEC)
RIC-400	Research Innovation Catalyst-II	S2	Skill Enhancement Courses (SEC)
BCE-DS-406	Transportation Engineering	S2	CORE
BCE-DS-451	Introduction to Fluid Mechanics Lab	S2	CORE
BCE-DS-453	Surveying & Geomatics Lab	S2	CORE
BCE-DS-4054	Materials, Testing & Evaluation Lab	S2	CORE
BCE-DS-455	Transportation Engineering Lab	S2	CORE

Table B: MRIIRS CGPA >8.0

240 Points at AUT

Paper code	Paper title	Points
ENBU700	Architectural Design and Sustainability (ENBU600, ENBU603)	15
ENBU601	Introduction to Structural Engineering (ENME609 & co-req: ENBU600)	15
ENBU702	Structural Analysis (ENBU601, ENGE601)	15

ENBU707	Construction Planning	15
ENBU705	Concrete Structures (ENBU601)	15
ENBU706	Steel Structures (ENBU601)	15
ENBU708	Construction Engineering Management II (ENBU604)	15
ENBU604	Construction Engineering Management I	15

Paper code	Paper title	Points
ENBU892	Industrial Project (Construction) (ENBU700, ENBU705, ENBU707, ENBU708)	15
ENBU800	Structural Engineering Design (ENBU702)	15
ENBU806	Off-Site Construction (ENBU603)	15
ENBU805	Foundation Engineering (ENBU701)	15
ENBU801	Structural Dynamics (ENBU702)	15
ENBU894	Industrial Project (Construction) (ENBU700, ENBU705, ENBU707, ENBU708)	15
ENME602	General elective Engineering Design Methodology)	15
Plus one of the following two papers:		
ENBU807	Construction Equipment and Utilisation	15
ENBU808	Construction Technology	15

Table C: MRIIRS CGPA >7.0 to 7.9

300 Points at AUT: 60 points described in table below, followed by 240 points detailed in Table B Above

Paper code	Paper title	Points
ENBU601	Introduction to Structural Engineering (ENME609 & co-req: ENBU600)	15
ENBU602	Quantity Surveying	15
ENBU604	Construction Engineering Management I	15
ENME602	Engineering Design Methodology (ENGE500, ENME510, ENME511)	15

Table D: MRIIRS CGPA >6.0 to 6.9

360 Points at AUT: 60 points described in table below, followed by 60 points of table C and 240 points of table B.

Paper code	Paper title	Points
ENGE601	Engineering Mathematics II (ENGE501)	15
ENBU600	Construction Materials (ENME502)	15
ENBU603	Building Construction I	15
ENME609	Solid Mechanics I (ENGE501, ENME502, ENME510)	15