

**Memorandum of Understanding**

**between**

**University of the West of Scotland, Scotland, UK**

**and**

**GGG College of Modern Technology,**

Kharar, District Mohali, Punjab

**Ludhiana College of Engineering & Technology Ludhiana, Punjab**

**Amritsar College of Engineering & Technology,**

Mana Wala, Amritsar, Punjab

**Lala Lajpat Rai Institution of Engineering & Technology,**

Moga, Punjab

**Lala Lajpat Rai Institute of Engg. & Technology,**

Near P.S. Sadar, Moga, Ferozepur Road, Moga (MCA Wing)

**Lala Lajpat Rai Memorial Institute of Management & Technology,**

Dhudike Moga, Punjab

**Lala Lajpat Rai Memorial Polytechnic Ajitwal,**

Moga, Punjab

**GGG Polytechnic, Kharar District,**

Mohali, Punjab

**YRS Polytechnic College,**

Moga, Punjab

**Babe Ke Ayurvedic Medical College & Hospital,**

VPO Daudhar Tehsil & District Moga, Punjab

**Babe Ke Institute of Nursing,**

VPO Daudhar, Tehsil & District Moga, Punjab

**Lala Lajpat Rai College of Pharmacy**

Moga, Punjab (B. Pharma)

**Babe Ke College of Education,**

VPO Mudki, District Ferozepur, Punjab

**Babe Ke College of Education,**

VPO Daudhar Tehsil & District Moga, Punjab

**Lala Lajpat Rai Memorial College of Education,**

VPO Dhudike, Moga, Punjab

**Moga College of Education for Girls,**

Moga, Punjab

**Baba Banda Singh Bahadar Polytechnic College,**

V.P.O. Indgarh, Moga

**Ludhiana Polytechnic College,**

V.P.O. Kube Teh. Samrala Distt. Ludhiana

**Sachdeva College of Pharmacy,**

Kharar Morinda Highway, VPO Gharuan Tehsil Kharar, District Mohalie, Punjab

## Preamble

- 1 This Memorandum of Understanding confirms the intention to establish a co-operative relationship between the University of the West of Scotland and all above mentioned institutes (referred to as "as above") which will be to the benefit of both institutions and their students. This partnership reflects the interests of both institutions in developing links, which will widen opportunities and access for students and staff and create enhanced opportunities for both institutions.
- 2 The parties agree and acknowledge that this Memorandum of Understanding is intended to demonstrate the intention of both partners to strengthen and develop links between the University of the West of Scotland and (as above) and shall have no legal effect. It is the intention of the parties that following and subject to further discussion and agreement these points of principle be recorded in a legally binding agreement as soon as possible.
- 3 A full written agreement, signed by the Secretaries (or equivalent) of the University of the West of Scotland and (as above) will be required before any delivery of programmes in India commences.

## Memorandum of Understanding

- 1 The specific objectives of the co-operative relationship to be established by this Memorandum of Understanding between the University of the West of Scotland and the (as above) will be as follows:
  - To develop arrangements which will facilitate the successful transition of students to the University of the West of Scotland. (This may include articulation arrangements, bridging courses, joint teaching and orientation visits). Full details of current specified arrangements are detailed at Appendix 1.
  - To establish, where appropriate, franchising/local delivery agreements with the University of the West of Scotland for specified programmes;
  - To establish, where appropriate, University of the West of Scotland programmes delivered jointly by staff at the University of the West of Scotland and (as above);
  - To establish, where appropriate, the joint supervision of MRes and PhD students registered at the University of the West of Scotland.



- To co-operate in the development and provisions of programmes of study to the widest possible range of students utilising various methods for delivery of such programmes;
  - To establish a mutual programme of student/staff exchange between the University of the West of Scotland and (as above);
  - To explore the potential for future research links;
  - To develop international links for the benefit of staff and students;
- 2 While the University of the West of Scotland and (as above) are responsible for their own arrangements regarding quality assurance, each will ensure that the other is provided with the relevant quality assurance handbooks before a full agreement is concluded. Where the co-operation between the University of the West of Scotland and (as above) leads to a University of the West of Scotland award, eg. joint programmes, franchising or validation, a specific Collaboration Agreement will be drafted by QEU of the University of the West of Scotland in consultation with the (as above) organisations.

In such an agreement the University of the West of Scotland quality assurance procedures will apply and these will conform to the UK's Quality Assurance Agency for Higher Education Code of Practice. Quality Assurance issues raised by any collaborative agreement will be clearly outlined and formally agreed in each case.

- 3 Where any collaborative activity has significant resource implications for one institution, eg. management cost of franchising a University of the West of Scotland programme to the (as above) the financial issues will be dealt with separately in a Schedule to the Collaboration Agreement.
- 4 The University of the West of Scotland link person will be (may depend on the specific college and school here ) and that for the (as above) will be (as before). They will be responsible for ensuring effective inter-institutional activity and will ensure communication links are effective and that inter-institutional activities are progressing to the satisfaction of both institutions. A key relationship will be that formed between the link persons of each institution.
- 5 This Memorandum of Understanding comes into effect from the date below and will remain in place for a period of 36 months (unless otherwise stated).
- 6 Implementation of the provisions of this Memorandum of Understanding shall be the subject of further communication between both parties.
- 7 This Memorandum of Understanding does not preclude joint arrangements with other parties in the UK or overseas. However, all announcements regarding this MOU, the relationship established herein,

and/or release of any information pertaining hereto shall require the mutual consent of both parties.

- 8 The University of the West of Scotland and (as above) acknowledge that each party shall be the sole and exclusive proprietor of its own Intellectual Property in relation to the proposed collaborative activity.
- 9 The Memorandum of Understanding is acknowledged by the parties hereto.
- 10 Throughout the UWS application process and once a student has formally accepted the offer of a place at UWS, UWS will act as UKBA sponsor for the period of study in line with UKBA guidelines. UWS will confirm all application requirements and provide a step by step guide to the visa application process, however individual students will ultimately be responsible for securing entry clearance to the UK.

Seamus Myland

Subscribed on behalf of University of  
the West of Scotland

Principal

Date: 14.6.2010

Rohit Kumar Sood

Subscribed on behalf of the above  
mentioned institutes

Chairman, L.L.R.M Group of Colleges

Date: 14/06/2010

**Appendix 1**  
**Proposed Collaboration Opportunities**  
**with**  
**GGGS Sachdeva Colleges**

**Introduction**

Following a review of the programme information supplied by GGS Sachdeva Colleges, the attached tables provide a direct comparison of entry possibilities onto UWS Business programmes at both undergraduate and postgraduate level. The comparison looked at module content, lecture and tutorial hours. The comparison results are provided in Tables 1, 2 and 3.

Engineering and Computing Science graduates are eligible to apply for a number of our Postgraduate/ MSc programmes, as these are designed for students who do not have a Business background (see TABLE 3). However, only Business Administration graduates are eligible to apply for the Postgraduate/ MSc International Financial Management programme (see TABLE 2).

Our Business School has undergone a programme review recently and should be adding a number of Postgraduate/ MSc programmes to its portfolio in due course. A similar mapping exercise will be conducted, as and when these programmes become available.

**Mr John Turner**  
**Head of Business School**  
**Faculty of Business & Creative Industries**



### **UNDERGRADUATE OPPORTUNITIES**

**TABLE 1- Opportunities for Bachelor of Business Administration Students (BBA)**

Stage in GGS Studies	Entry Point to UWS Programmes ~
Completion of Year 1 (2 Semesters)	Direct Entry into Year 2 of UWS: <ul style="list-style-type: none"><li>• BA (HONS) Business Studies</li><li>• BA (HONS) Business Analysis</li><li>• BA (HONS) Human Resource Management</li><li>• BA (HONS) Management</li></ul>
Completion of Year 2 (4 Semesters)	Direct Entry into Year 3 of UWS: <ul style="list-style-type: none"><li>• BA (HONS) Business Studies</li><li>• BA (HONS) Business Analysis</li><li>• BA (HONS) Human Resource Management</li><li>• BA (HONS) International Marketing</li></ul>
Completion of Year 3 (6 Semesters) <sup>^</sup>	Direct Entry into Year 4 Honours of UWS: <ul style="list-style-type: none"><li>• BA (HONS) Business Studies*</li></ul>

<sup>^</sup> In the first year of operation, 2 students who have successfully completed year 3 of their GGS study will be able to articulate to the Honours year at UWS. This aspect of the agreement will be reviewed at the end of the student's Honours year and recommendations made by UWS for future years.

\*Students articulating to the Honours year of study must possess a high level of English language and produce an IELTS test result of 6.0 or equivalent.

### **POSTGRADUATE OPPORTUNITIES**

**TABLE 2- Opportunities for Bachelor of Business Administration Students (BBA)**

Stage in GGS Studies	Entry Point to UWS Programmes ~
Completion of Year 3 (6 Semesters)	Direct Entry into UWS Postgraduate Diploma in: <ul style="list-style-type: none"><li>• Management*</li><li>• International Marketing*</li><li>• Logistics &amp; Supply Chain Management*</li><li>• International Financial Management*</li></ul>

\* Transfer to MSc dissertation is subject to satisfying progression criteria.

~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.

**TABLE 3- Opportunities for BTech Mechanical Engineering, BTech Automobile Engineering, BTech Computing Science and BTech Electronics and Communications Engineering students.**

Stage in GGS Studies	Entry Point to UWS Programmes ~
Completion of Year 4 (8 Semesters)	<p>Direct Entry into UWS Postgraduate Diploma in:</p> <ul style="list-style-type: none"> <li>• Management*</li> <li>• International Marketing*</li> <li>• Logistics &amp; Supply Chain Management*</li> </ul>

\* Transfer to MSc dissertation is subject to satisfying progression criteria.

~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.



**Appendix 2**  
**Proposed Collaboration Opportunities**  
**with**  
**GGG Sachdeva Colleges**

**Introduction**

Following a review of the programme information supplied by GGS Sachdeva Colleges the attached tables provide a direct comparison of entry possibilities onto UWS Engineering and Computing programmes. The comparison looked at module content, lecture and tutorial hours and laboratory activity. The comparison results are provided in Tables 1, 2 and 3.

At this point in time UWS have no programmes that would permit direct articulation for students studying on the GGS's BTech Electronics and Communications Engineering course. However, the University is developing a one year Mechatronics programme at 3<sup>rd</sup> year level, which would be suitable to students who have completed 4 semesters of the Electronics and Communications Engineering course. The plan is to commence this new programme in September 2011. In addition, students who have completed four years of study on the Electronics and Communications Engineering course could enrol directly onto the MSc in Sensors Design programme. Table 4 provides details on the possibilities for students studying on the BTech Electronics and Communications Engineering course.

**David S Smyth**  
**Head of School**  
**School of Engineering**

**Table 1 - Opportunities for BTech Mechanical Engineering Students**

Stage in GGS Studies	Entry Point to UWS Programme ~
Completion of Year 1 (2 Semesters)	Direct Entry into 2 <sup>nd</sup> Year of UWS BEng(Hons) Mechanical Engineering programme, or 2 <sup>nd</sup> Year of UWS BEng(Hons) Product Design & Development programme,
Completion of Year 2 (4 Semesters) <sup>1</sup>	Direct Entry into 3 <sup>rd</sup> Year of BEng(Hons) Mechanical Engineering programme, or 3 <sup>rd</sup> Year of BEng(Hons) Product Design & Development programme,
Completion of Year 3 (6 Semesters) <sup>2^A</sup> at Distinction Level	Direct Entry into Postgraduate Diploma in Computer Aided Engineering programme with possible Transfer to MSc in Computer Aided Engineering Programme (subject to satisfying progression criteria)
Completion of Year 4 (8 Semesters) <sup>2</sup>	Direct Entry into MSc in Computer Aided Engineering programme or MSc in Management/International Marketing/Logistics & Supply Chain Management programme

<sup>1</sup> Students would need to complete a module on Computer Aided Design in India or an Introductory CAD course on arrival at UWS

<sup>2</sup> Students would need to complete an Introduction to Pro/Engineer CAD course on arrival at UWS

<sup>A</sup> In the first year of operation, this articulation route will operate as a pilot project. A review will be conducted at the end of the year to review performance and make recommendations or future years.

~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.

**Table 2 - Opportunities for BTech Automobile Engineering Students**

Stage in GGS Studies	Entry Point to UWS Programme ~
Completion of Year 1 (2 Semesters)	Direct Entry into 2 <sup>nd</sup> Year of BEng(Hons) Motorsport Design Engineering programme, or 2 <sup>nd</sup> Year of BEng(Hons) Mechanical Engineering programme,
Completion of Year 2 (4 Semesters) <sup>3</sup>	Direct Entry into 3 <sup>rd</sup> Year of BEng(Hons) Motorsport Design Engineering programme
Completion of Year 3 (6 Semesters) <sup>4^</sup> at Distinction Level	Direct Entry into Postgraduate Diploma in Computer Aided Engineering programme with possible transfer to MSc in Computer Aided Engineering programme (subject to satisfying progression criteria)
Completion of Year 4 (8 Semesters) <sup>4</sup>	Direct Entry into MSc in Computer Aided Engineering programme or MSc in Management/International Marketing/Logistics & Supply Chain Management programme

<sup>3</sup> Students would need to complete a module on Computer Aided Design in India or an Introductory CAD course on arrival at UWS

<sup>4</sup> Students would need to complete an Introduction to Pro/Engineer CAD course on arrival at UWS

<sup>^</sup> In the first year of operation, this articulation route will operate as a pilot project. A review will be conducted at the end of the year to review performance and make recommendations for future years.

~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.



**Table 3 - Opportunities for BSc Computer Science Students**

Stage in GGS Studies	Entry Point to UWS Programme ~
Completion of Year 1 (2 Semesters)	Direct Entry into 2 <sup>nd</sup> Year of BSc(Hons) Computing programme
Completion of Year 2 (4 Semesters)	Direct Entry into 3 <sup>rd</sup> Year of BSc(Hons) Computing programme
Completion of Year 3 (6 Semesters) <sup>5^</sup> at Distinction Level	Direct Entry into the Postgraduate Diploma in Information Technology programme with possible transfer to MSc (subject to satisfying progression criteria), or direct entry into the Postgraduate Diploma in Advanced Computer Systems Development programme, with possible Transfer to the MSc (subject to satisfying progression criteria)
Completion of Year 4 (8 Semesters)	Direct Entry into MSc in Advanced Computer Systems Development Programme, or MSc in Information Technology or MSc in Management/International Marketing/Logistics & Supply Chain Management programme

<sup>5^</sup> In the first year of operation, this articulation route will operate as a pilot project. A review will be conducted at the end of the year to review performance and make recommendations for future years.  
~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.

**Table 4 - Opportunities for BTech Electronics and Communications Engineering Students**

<b>Stage in GGS Studies</b>	<b>Entry Point to UWS Programme ~</b>
Completion of Year 1 (2 Semesters)	No Articulation Available
Completion of Year 2 (4 Semesters) <sup>6</sup>	Direct Entry into 3 <sup>rd</sup> Year of BEng Mechatronics Programme <sup>7</sup>
Completion of Year 4 (8 Semesters) <sup>6</sup>	Direct Entry into MSc in Sensor Design Programme or MSc in Management/International Marketing/Logistics & Supply Chain Management programme

<sup>6</sup> The BEng Mechatronics programme is subject to approval through the University's approval of new programmes process

<sup>7</sup> Students would need to complete an Introduction to Pro/Engineer CAD course on arrival at UWS

~ Subject to each applicant completing the appropriate UWS application form and meeting all other UWS admissions criteria.

## Appendix 3

### Financial details

#### Tuition Fees

UWS international fees for 2010/2011 are:

BAND 1: £9300

BAND 2: £10,050

Students will be eligible for a UWS international scholarship, amounting to £1500. This scholarship will be discounted from the gross tuition fee.

In addition, if a student pays the full balance of fees in advance of the start of the semester they will be eligible for a further 10% discount on the net fee. If a student does not pay in full by this date, they must pay 100% of the fee. Tuition fees are determined annually.

Note: Band 1 refers to non-lab based courses such as business while Band 2 refers to lab-based courses such as science and engineering.

\* The figures quoted for the university's international tuition fees include all tuition, registration and examination costs.

#### Accommodation fees

Accommodation will be guaranteed in the University's self-catering halls of residence for the duration of the academic year (38 weeks). GGS College students will receive a bursary of £1000 towards the costs of accommodation. The annual accommodation charge for 2010/2011 is circa £70 per week, equating to £2660, leaving a total payable for students of approximately £1660.

#### Special Scholarships

In 2010 /11 UWS will offer the following scholarships exclusively to GGS in support of the collaboration:

##### In Engineering:

3 scholarships of £2000 each, to be awarded on academic merit to students who are successfully accepted to a full-time programme lasting for at least one year.