



**KG College of Arts and Science**  
**Affiliated to Bharathiar University**  
**Accredited by NAAC**  
**ISO 9001:2015 Certified Institution**  
**KGiSL Campus, Saravanampatti, Coimbatore-641007**

### **Criterion 3: Research, Innovation and Extension**

#### **Key Indicator 3.5 : Collaboration**

**Supporting Documents - E-copies of the MoUs and Collaborations**

**Academic Year 2017-18**

**Beta Technologies India Private Limited**

**Memorandum of Understanding**

**For Value Added Training at KG College of Arts and Science with  
BETA TECHNOLOGIES**

This MOU is made on 05/06/2017 at Coimbatore between **BETA TECHNOLOGIES INDIA PRIVATE LIMITED** having its registered office at 301, Sri Lakshmi complex, Cross Cut Road, Gandhipuram, Coimbatore - 641012, represented by Mr. L.Ramesh, CEO (hereinafter called the "**BETA TECHNOLOGIES**") of the one part, and **KG College of Arts and Science**, situated at, **365, Thudiyalur Road, Saravanamapatti, Coimbatore – 641035** represented by Dr. Ravichandran Rajagopal , Secretary, (hereinafter called the "**KGCAS**") of the other part;

**WHEREAS:**

- 1. BETA TECHNOLOGIES has entered into Open source Technology development programs at Coimbatore.**
- 2. KGCAS is an educational institution desired to have access to the value added training program conducted by BETA TECHNOLOGIES for its students for their skills development in the area specified in the Annexure.**
- 3. BETA TECHNOLOGIES has agreed to provide the below mentioned training to the students of KGCAS.**

AND WHEREAS on the faith and strength of such representation and warranty, both have agreed to enter into this Memorandum of Understanding as per the mutually agreed clauses as mentioned below.

**1. Course & Schedule:**

<b>Course Name</b>	<b>Duration</b>
<b>Odd Semester :</b>	
Art of Electronics	<b>40 Hrs</b>
Arduino with Sensors and Drives	<b>40 Hrs</b>
Arduino	<b>40 Hrs</b>
<b>Even Semester :</b>	
PCB Designing and Fabrication	<b>40 Hrs</b>
VLSI Designing and Verification	<b>40 Hrs</b>
Raspberry pi	<b>40 Hrs</b>
Matlab	<b>40 Hrs</b>

**BETA TECHNOLOGIES** will give the printed schedule for the classroom sessions well in advance, as per timings suggested by KGCAS. The institute will ensure that the timings allotted to BETA TECHNOLOGIES remain the same.

## **2. Study Material and Instructional Material**

**BETA TECHNOLOGIES** will provide kits for all the modules to the students. The kits will be given to the students in parts as per the schedule.

## **3. Faculty Support**

BETA TECHNOLOGIES will ensure that it will provide a Faculty Team to train the students at KGCAS. The Faculty members will also clarify doubts of the students from time to time.

BETA TECHNOLOGIES will ensure that the course will be delivered by the Competent Trainers, and also the trainers handling the classes at KGCAS will not be changed unless until there is a specific need. In such cases BETA TECHNOLOGIES will inform KGCAS well in advance.

KGCAS will not offer any assignments, directly or indirectly, to the BETA TECHNOLOGIES Faculty visiting the KGCAS campus to conduct the program. Strategic issues will not be shared / discussed with the BETA TECHNOLOGIES Faculty, but only with the BETA TECHNOLOGIES Management.

## **4. Feedback & Assessment**

BETA TECHNOLOGIES will give regular feedback about the student's performance to KGCAS as per the schedule. BETA TECHNOLOGIES will not back out of its commitments to the registered students and ensure complete guidance and best quality teaching to all the registered students.

In Addition to the assessment done by BETA TECHNOLOGIES, additional Feedback will be obtained by the Placement Cell, KGCAS and consolidated report of both feedbacks to be jointly submitted to the principal twice in a month.

## **5. The Financial Terms**

The course fee per student for Technical Skill Training will be agreed upon by both the parties based on the schedule and duration of the program. Fees remitted shall neither be refunded nor transferable under any circumstances.

## **6. Operational Issues**

KGCAS will ensure regular attendance from the students enrolled for the program.

**7. Validity**

This agreement is valid for one year.

**8. Modification**

The charges, terms and conditions contained in this agreement and annexure are subject to change, alteration or modifications. Such action(s) will be taken by mutual consent of both the parties.

**9. Limitation of Remedies**

This course is designed specifically for the students to enhance their performance and to develop their technical skills. This course is not associated with any placement program and BETA TECHNOLOGIES does not guarantee or assist for any job placement to any student after the successful completion of the course.

**10. General**

- a) The classes will be conducted at the premises of KGCAS.
- b) KGCAS shall provide classrooms for about 50 student's capacity as per the schedule of classes aforementioned.

**11. Jurisdiction**

In all matters and disputes arising hereunder, the appropriate courts in Coimbatore alone, to the exclusion of all other courts, shall have jurisdiction to entertain and try them.

In witness whereof the parties hereto have hereunto set and subscribed their respective hands, seals to this agreement in duplicate on the day, month, year and place first herein above mentioned.

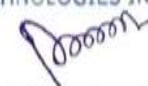
For KGCAS, Coimbatore



(Signature of Authorized Signatory)  
Name: Dr. R. Ravichandran  
Secretary

For BETA TECHNOLOGIES, Coimbatore

For BETA TECHNOLOGIES INDIA PVT. LTD

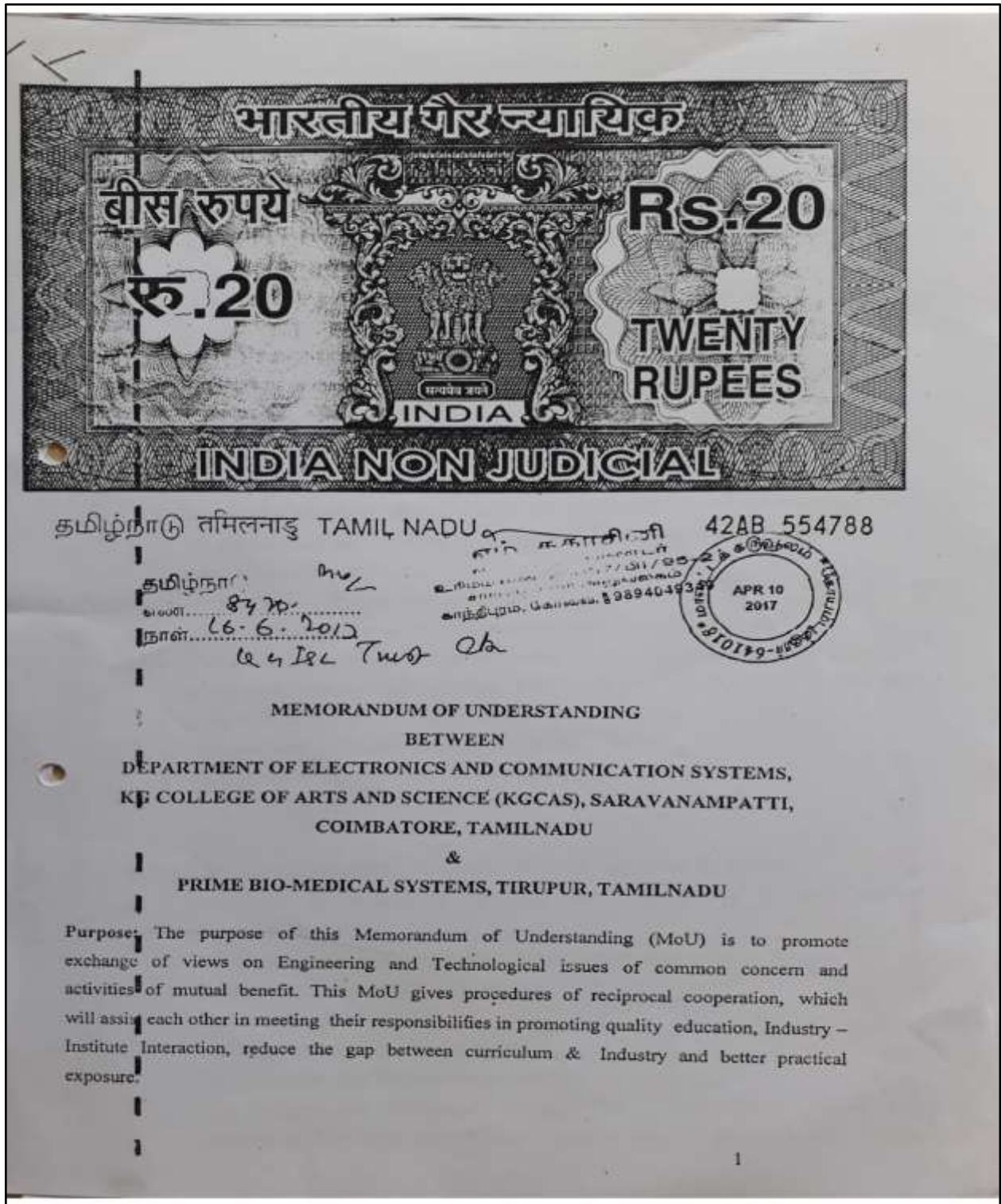



(Signature of Authorized Signatory) Director  
Name: Mr. L. Ramesh  
Head- BETA Technologies

**SECRETARY**

Date: 07-06-2021  
Place: Coimbatore  
COLLEGE OF ARTS AND SCIENCE  
COIMBATORE - 641 035

**Prime Bio-Medical Systems**



**Memorandum of Understanding between KGCAS and PRIME BIO MEDICAL SYSTEMS:**

The KGCAS and PRIME agree to share information of mutual concern and interest in the following areas.

- The purpose of the MoU is to provide extensive continuing education programs in areas like technology, innovation and entrepreneurship.
- To provide programs which consist of imparting products and rendering services, including but not limited to training, testing, certification, management, quality control and audit for the purpose of training students.
- To offer programs in the campus for consumption by its students and faculty to enhance their prospects.
- To provide knowledge on latest technologies and projects with faculty members and students.
- To make the students aware of the modern tool available for bio medical systems.
- To provide deep understanding about the medical electronics chips and the usage of them to design custom PCB.
- To familiarize with the industry standards.
- To attain knowledge on using the international standard on system design.
- To provide lab space for the use of donated cypress PSoC boards matching personal computer to one piece of equipment donated and work on this board for real time product development
- Offers internship for eligible students and placement as well.
- To motivate the students by the lectures from experts.
- To allow the students for in – plant training.

**THE MAIN LAB ACTIVITIES CONCENTRATED AS PART OF THE MOU:**

- Introduction to architecture, designing and manufacturing of Bio Medical Instrumentations.
- Understanding and working with digital outputs and analog outputs.
- Creator design on Medical Instrumentations.
- LCD as well as ADC interfacing.
- Serial and parallel communication interfaces.
- Student Project using Medical Instrumentations.
- Joint research and development projects which include funded projects from Central/State Government Organizations like DST, DBT, CSIR, UGC, DSIR, ICMR,

BIRAC etc.,

- Exchange of experts for organization and participation in joint.
- Innovation oriented projects and partnerships.
- Short – term activities of mutual interest including technical consultancy.
- Long – term development programme on topics of mutual interest.

#### **OTHER TERMS OF MOU:**

- The KGCAS and PRIME BIO MEDICAL SYSTEMS shall extend each other's facilities such as workshops sophisticated equipments, instruments etc, and library facilities according to rules and regulations of each parties as per the conditions laid down by the parties.
- Exchange programme enabling the faculty of KGCAS to work for short periods with the Engineers of PRIME BIO MEDICAL SYSTEMS to serve as visiting faculty to guide in the development programs of mutual interest and conduct of intensive courses.
- Coordination with the faculty of KGCAS and PRIME BIO MEDICAL SYSTEMS in order to bring out good instruction manuals, which will benefit for both parties.
- Any joint research work can be made in publications and shall be in the name of KGCAS And participating Engineers of PRIME BIO MEDICAL SYSTEMS and with due acknowledgements to the source of support/sponsors.
- The procedural aspects and responsibilities of the collaboration will be based on mutually agreed terms on case – to – case basis. A committee shall be constituted with the members of faculty of the KGCAS and PRIME BIO MEDICAL SYSTEMS to identify the areas for collaborative programs

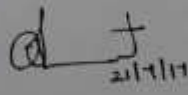
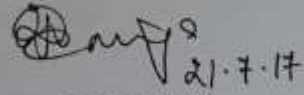
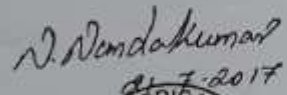

#### **Standing Committee**

To facilitate the implementation of this agreement, each party shall designate a liaison officer to serve on a standing committee. The standing committee will meet as and when required. Matters for consideration by the standing committee are to include a review of each party's participation in this agreement, an assessment of the agreement's effectiveness, and modification that might be necessary. As appropriate, the committee will address the urgent issues and specific cases of serious non – compliance.

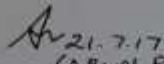
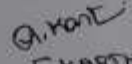
#### **Period Agreement**

This agreement becomes effective on the date of signature and continues for 5 years. It may be modified by mutual consent of both the parties. The agreement may be terminated by any party upon 90 days advance written notice to the other party. At the conclusion of 5 years both parties will consider the development of a new agreement.

Acceptance and approval of authorizing officials:  
 WITNESS WHERE OF THE UNDERSIGNED, duly authorized there to, have signed  
 this Memorandum of Understanding on 21.7.17.

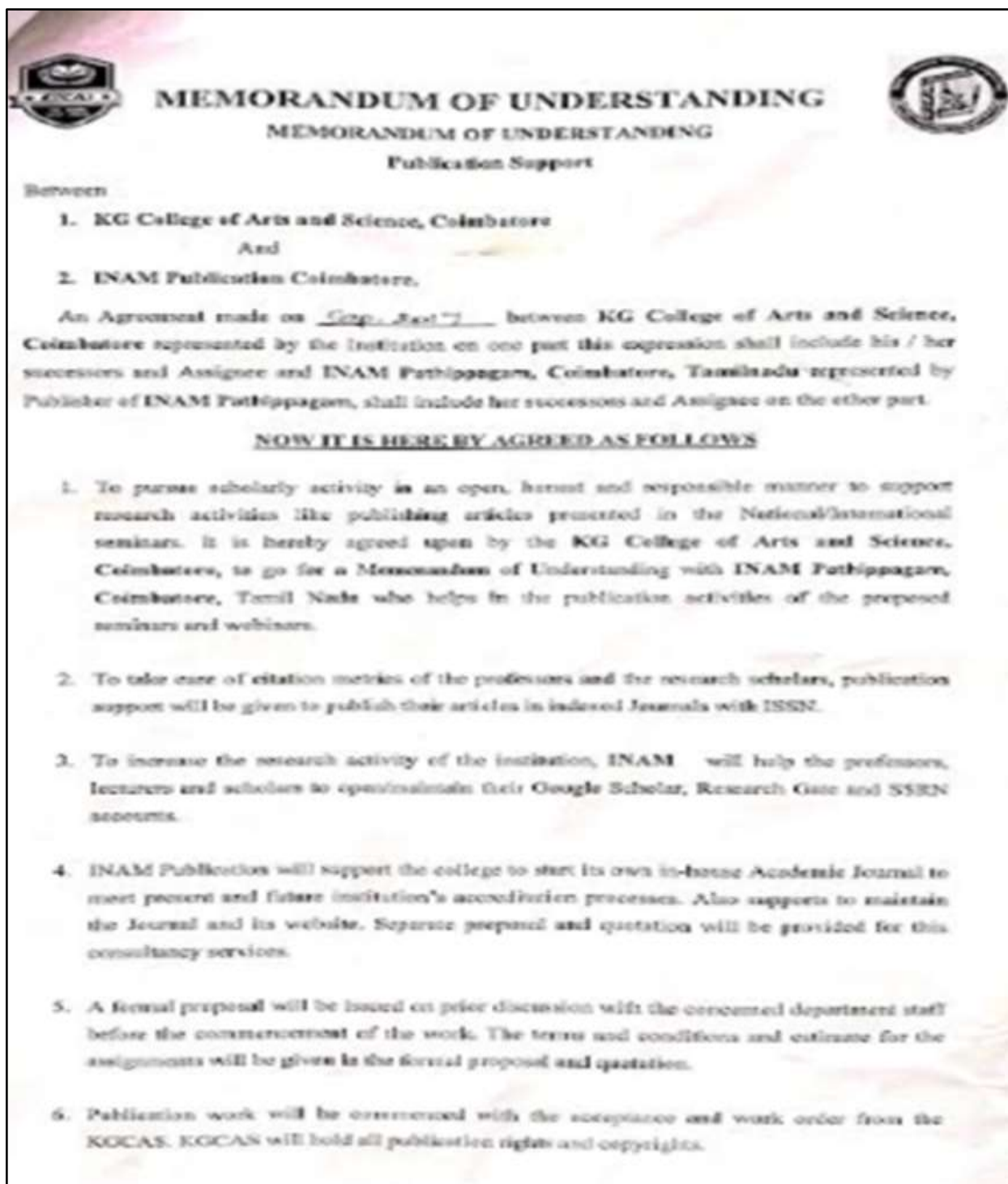
HOD / ECS, KGCAS, COIMBATORE	PRINCIPAL, KGCAS, COIMBATORE	PRIME BIO MEDICAL SYSTEMS TIRUPPUR
 21/7/17	 21.7.17 PRINCIPAL KG COLLEGE OF ARTS AND SCIENCE COIMBATORE - 641 035	 21.7.2017 

WITNESS:

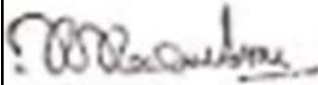
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21.7.17  
(ARUN PRASAD. M.)
-   
[KARTHIKEYAN. S.]

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**Inam Publications**

- 7. KGCAS will be publishing all its books and other publication through INAM publications only.
- 8. INAM Publication accepts to support the future publication of books related research activities like conducting technical symposiums or webinar to educate staff and students.
- 9. The MoU is valid for a period of five years from the date of signing of this agreement.



Agreed upon and signed

Secretary

**SECRETARY**

INAM Journals

KG COLLEGE OF ARTS AND SCIENCE

COIMBATORE - 641 048

Witness (with name and address in reference to on behalf of INAM Publication Coimbatore, Tamilnadu.)

Name and Address

1. Dr. T.Sathyaraj  
 Publisher,  
 INAM Pathippagam,  
 Coimbatore.

Signature

**முனைவர் த. சத்யராஜ்**  
 பதிப்பாளர்  
 இனம் பதிப்பகம்  
 பதிப்பு: B. சித்தூர்.

Witness (with name and address in reference to on behalf of KG College of Arts and Science, Coimbatore)

Name and Address

Signature  
**Head of the Department**  
**Department of Tamil**  
**KG College of Arts and Science**  
 Saravanampatti, Coimbatore - 641013



**Asia Pacific University of Technology and Innovation**

**MEMORANDUM OF AGREEMENT**

**BETWEEN**

**ASIA PACIFIC UNIVERSITY  
OF TECHNOLOGY AND INNOVATION,  
KUALA LUMPUR, MALAYSIA**

**AND**

**KG COLLEGE OF ARTS AND SCIENCE  
KGiSL CAMPUS, SARAVANAMPATTI,  
COIMBATORE, TAMILNADU, INDIA**

## MEMORANDUM OF AGREEMENT

This Memorandum of Agreement (hereinafter referred to as MoA) is signed on the 12<sup>th</sup> day of April 2018.

### BETWEEN

Asia Pacific University of Technology and Innovation (hereinafter referred to as APU) with its registered location at Technology Park Malaysia, Bukit Jalil, 57000 Kuala Lumpur, Malaysia and shall include its lawful representatives and permitted assigns;

### AND

KG College of Arts and Science, KGiSL Campus, Saravanampatti, Coimbatore - 641035, Tamil Nadu, India and shall include its lawful representatives and permitted assigns;

Hereinafter referred to singularly as "the Party" and collectively as "the Parties".

The Parties are desirous of entering into this Memorandum of Agreement to declare their respective intentions and to establish a basis of co-operation and collaboration between the Parties upon the terms as contained herein.

HAVE REACHED AN AGREEMENT as follows:

### ARTICLE 1: OBJECTIVE

The Parties, subject to the terms of this MoA and the laws, rules, regulations and national policies from time to time in force in each Party's country, will endeavor to strengthen, promote and develop co-operation between the Parties on the basis of equality and mutual benefit.

### ARTICLE 2: AREAS OF CO-OPERATION

1. Subject to the law, rules, regulations and national policies from time to time in force, governing the subject matter in their respective countries, each Party will act as a stimulus for a wide range of collaborative activities including but not restricted to:
  - Promote contacts among scholars, students and personnel of both scientific institutions,
  - Develop and to encourage joint research, seminars, conferences, workshops, and to also assist each other in obtaining external funding from outside sources for research,
  - Develop and promote, when opportunities avail, links in teaching, research and joint study/research programmes,
  - Encourage any other activities that both scientific institutions agree to be of mutual benefit,

- Identify any other areas of co-operation for strategic alliance to be mutually agreed upon by the Parties.
2. For the purpose of implementing the co-operation in respect of any area stated in paragraph 1, the parties will enter into a legally binding agreement subject to terms and conditions as mutually agreed upon by the Parties and this agreement will be subject to and not separable from this MoA.

**ARTICLE 3: FINANCIAL ARRANGEMENTS**

This MoA will not give rise to any financial obligation by one Party to the other. Each party will bear its own cost and expenses in relation to this MoA. All the financial issues emerging from the implementation of any joint projects must be negotiated and determined between the two parties case by case.

**ARTICLE 4: EFFECT OF MEMORANDUM OF AGREEMENT**

This MoA serves only as a record of the Parties' intentions and does not constitute or create, and is not intended to constitute or create obligations under domestic or international law and will not give rise to any legal processes and will not be deemed to constitute or create any legally binding or enforceable obligations, express or implied.

**ARTICLE 5: NO AGENCY**

Nothing contained herein is to be construed so as to constitute a joint venture partnership or formal business organization of any kind between the Parties or so to constitute either Party as the agent of the other.

**ARTICLE 6: ENTRY INTO EFFECT AND DURATION**

1. This MoA will come into effect on the date of signing and will remain in force for a period of three (3) years.
2. This MoA may be extended for a further period as may be agreed in writing by the Parties.
3. This MoA may be terminated at any time by either party giving the other party written notice of no less than ONE (1) calendar month upon breach of the terms governing the MoA. However the existing joint programme, if any, should be completed by both the parties irrespective of the termination of MoA.

**ARTICLE 7: NOTICES**

Any communication under this MoA will be in writing in the English language and delivered by registered mail to the address or sent to the electronic mail address of **APU** or **KGCAS** as the case may be, shown below or to such other address or electronic mail address or facsimile number as either party may have notified the sender and shall, unless otherwise provided herein, be deemed to be duly given or made when delivered to the

recipient at such address or electronic mail address or facsimile number which is duly acknowledged:

To	:	<b>APU</b>
Attn to	:	Professor Dr R Logeswaran
Address	:	Technology Park Malaysia, Bukit Jalil, 57000 Kuala Lumpur, Malaysia
Tel no.	:	+60 3 89961000
E-mail	:	logeswaran@apu.edu.my
To	:	<b>KGCAS</b>
Attn to	:	Dr. R. Anuja
Address	:	KG College of Arts and Science KGI/SL Campus, Saravanampatti, Coimbatore – 641035, Tamilnadu, India.
Tel no.	:	+91 422 4419999 / +91 9843555678
E-mail	:	anuja.r@kgcas.com

#### **ARTICLE 8: PROTECTION OF INTELLECTUAL PROPERTY RIGHTS**

1. The protection of intellectual property rights shall enforced in conformity with the respective national laws, rules and regulations of the Parties and with international agreements signed by both Parties.
2. The use of the name, logo and/or official emblem of any of the Parties on any publication, document and/or paper is prohibited without the prior written approval of either Party.
3. Notwithstanding anything in paragraph 1 above, the intellectual property rights in respect of any technological development, and any products and services development, carried out –
  - (i) jointly by the Parties or research results obtained through the joint activity effort of the Parties, shall be jointly owned by the Parties in accordance with the terms to be mutually agreed upon; and
  - (ii) Solely and separately by the Party or the research results obtained through the sole and separate effort of the Party, shall be solely owned by the Party concerned.

#### **ARTICLE 9: CONFIDENTIALITY**

1. Each Party shall undertake to observe the confidentiality and secrecy of document, information and other data received from or supplied to, the other Party during the period of the implementation of this MoA or any other agreements made pursuant to this MoA.
2. For purpose of paragraph 1 above, such documents, information and data include any document, information and data which is disclosed by a Party (the Disclosing party) to the other Party (the Receiving party) prior to, or after, the execution of this MoA, involving technical, business, marketing, policy, know-how, planning, project management and other documents, information, data and/or solutions in any form,

including but not limited to any document, information or data which is designated in writing to be confidential or by its nature intended to be for the knowledge of the Receiving Party or if orally given, is given in the circumstances of confidence.

- Both Parties agree that the provisions of this Article shall continue to be binding between the Parties notwithstanding the termination of this MoA.

**ARTICLE 10: SUSPENSION**

Each Party reserves the right for reasons of national security, national interest, public order health to suspend temporarily either in whole or in part, the implementation of this MoA, where suspension shall take effect immediately after notification has been given to the other Party through diplomatic channels.

**ARTICLE 11: SETTLEMENT OF DISPUTES**

Any difference or dispute between the Parties concerning the interpretation and/or implementation and/or application of any of the provisions of this MoA shall be settled amicably through mutual consultation and/or negotiations between the Parties through diplomatic channels, without reference to any third party or international tribunal.

**ARTICLE 12: VARIATION**

The terms stipulated in this MoA shall not be amended, altered, changed or otherwise modified without the mutual consent of the Parties and such amendments, alterations, changes and modifications shall be made in writing and signed by the Parties hereto.

The foregoing record represents the understandings reached between **APU** and **KGCAS** upon the matters referred to therein.

Signed by  
For and on behalf of **APU**  
**Professor Dr. Ron Edwards**  
Vice Chancellor

]  
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2/4/18

Witnessed by  
**Professor Dr. R. Logeswaran**  
Professor, FCET

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12/4/18

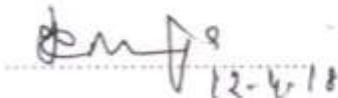
Signed by  
For and on behalf of **KGCAS**  
**Dr. R. Ravichandran**  
Secretary

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12/4/2018

Witnessed by  
**Dr. R. Anuja**  
Principal

]  
]

  
12-6-18