MEMORANDUM OF UNDERSTANDING BETWEEN E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS) AND

TRIONE CADD

This memorandum of understanding executed at Nagapattinam on 15.12.2020 between E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS), a college which is affiliated to Anna University, Chennai represented by its Principal Dr S.Ramabalan which term shall mean and include its successors, representatives and assigns of the First Party

AND

TRIONE CADD having its corporate office at No. 6, Second floor, V.O.C street, Bharadidasan Nagar, Mogappair West, Chennai- 600037, represented by its Managing Partner B. KOVARASAN which term shall mean and include its successors, representatives and assigns of the Second Party

Whereas First Party has been the premier technical institution in Tamilnadu offering a number of Engineering and Technology courses at undergraduate and post graduate levels, wherein a number of consultancies and software development projects are carried out.

Whereas Second Party having two divisions of expertise in imparting education and conducting Training Program in the field of CAD/CAM/CAE through its CAD/CAM/CAE division and Conducting Industrial Workshops & Training through its Workshop division.



Whereas First Party and Second Party agreed to conduct regular Workshops / Training programs in each semester in pursuance of their object of providing quality technical training.

1) Introduction

The growth of technology has been inhibited because of the lack of high end training facilities to upgrade the expertise of engineers and train them in emerging technologies. Now the age of design automation has truly begun. The Mechanical industry is growing at a tremendous speed. There is a big dearth of expert and experienced Mechanical Engineering professionals, who can rapidly develop and apply new technology, accelerating growth. Hence, skilled and experienced Engineers can demand high salaries in the sector.

Second party seeks to fill the gap by training India's next generation of Mechanical Engineering professionals at its high tech, best-in-class training facilities where the corporate office in Chennai.

2) <u>Now this memorandum of understanding for Workshops witnessed as</u> <u>under:</u>

2.1 <u>Responsibility of First Party:</u>

- 2.1.1 First Party will organize Mechanical Engineering and allied technical programs by joining hands with second party at on site program in their college premises on regular basis for students.
- 2.1.2 First Party will provide suitable premises for conducting the Technical programs with the entire infrastructure suitable for the same.
- 2.1.3 First Party should provide the projector, Audio & Video facility or any other devices required for conducting the training program.
- 2.1.4 First Party has to organize workshops and other technical programs for the students in each & every semester during the agreement period.



2.2 <u>Responsibility of second Party:</u>

- 2.2.1 The Second Party has to conduct Mechanical Engineering and allied technical programs at FREE OF COST.
- 2.2.2 The Second Party has to conduct workshops for the students of the first party in each & every semester during the agreement period.
- 2.2.3 The Second Party has to provide Participation Certificates for the students & Organizing Certificates for the Staffs of the First Party.

3) Common Terms:

Both the Parties are hereby mutually agreed to use their Institution name, logo, trademarks etc. in their own promotional and branding activities including websites, electronic and printing medium.

4) Validity of MOU:

The MOU between First Party and Second Party is valid up to 2 years from the date of agreement

5) <u>Renewal Requisition:</u>

The request for renewal shall be made 3 months before the expiry of the current period and both First Party and Second Party reserve the right to renew it.

6) Exit Clause:

First Party and Second Party agree that of any violation of any terms and condition; that they reserve the right to cancel the MOU upon a mutual agreement.



7) Notices:

Notices required under this agreement shall be in writing and shall be delivered in person or deposited in the Indian postal service mail, postage prepaid and addressed as follows.

If addressed to TRIONE CADD

If addressed to E.G.S Pillay Engineering College.

73-Kovaras Managing Partner

Trione CADD, Plot no: 6, Second floor, V.O.C Street, Bharadidasan Nagar, Mogappair West, Chennai - 600037TRIONE CADD No.6, VOC Street, Bharadidasan Nagar, Mogappair West, Chennai - 600 037.

The Principal

E.G.S Pillay Engineering College (Autonomous), Old Nagore road, Thethi village, Nagapattinam – 611 00 Pr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL E.G.S. PILLAY ENGINEERING COLLEGE NAGAPATTINAM - 611 002

IN WITNESS WHEREOF THE PARTIES HAVE SET THEIR HANDS HERE TO ON THIS 15.12.2020 AT EGSPEC, NAGAPATTINAM UNDER THEIR RESPECTIVE SEAL OF OFFICE.

For and on Behalf of

Trione CADD, Chennai – 600 037

For and on Behalf of

E.G.S Pillay Engineering College (Autonomous)

Chennai – 611 002





MEMORANDUM OF UNDERSTANDING

Between

National Highways Authority of India (NHAI)

And

E.G.S. Pillay Engineering College, (EGSPEC)

Collaboration with Institute for Institutional Social Responsibility & Adopting of National Highway Stretches under Regional office, Chennai.

December, 2020.

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MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this day of December 2020 by and between:

National Highways Authority of India (NHAI) which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns), of the First party;

AND

E.G.S. Pillay Engineering College herein after called as EGSPEC which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns of the Second Party. WHEREAS,

Both EGSPEC and NHAI are desirous of working together with mutual cooperation for dissemination of respective expertise in civil/highway/geotechnical/structural engineering field through the road infrastructure development.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT

National Highways Authority of India (NHAI) intends to associate the EGSPEC who shall voluntarily contribute its share of experience for betterment of the highway infrastructure.

2. SCOPE OF THE MoU

The primary scope of MOU inter alia includes the following:

(i) NHAI shall facilitate the faculty, researchers and students of the Institute to familiarize with the latest trends in the highway/transportation sector with a common

Er S. Ana

Professor & Head Dept. of Civil Engineering E.C.S. Pillay Engg.Coliege (Autonomous)

General Manager, (T) & Project Director, NHAI, PIU - Viluppuram.

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objective of sharing the knowledge in their respective domain. This will, in one hand, facilitate to bridge the industry-institution gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by NHAI.

(ii) The Institute shall adopt nearby stretches of NHs as specified in the Appendix-1 as a voluntary initiative under ambit of Institutional Social Responsibility (ISR). The list of stretches may be modified by deletion/addition by mutual consent of NHAI and the EGSPEC.

(iii) The adopted stretch may be used as a field of study for faculty, researchers and students.

(iv) NHAI shall offer internship to maximum of 10 undergraduate and postgraduate students of the Institute periodically and also extend stipend

(v) NHAI shall pay stipend Rs. 8,000 (Rupees eight thousand only) per month for undergraduate students and Rs. 12,000 (Rupees twelve thousand only) per month to postgraduate students. All other arrangements including stay shall be responsibility of the Institute. However, depending upon availability, NHAI may extend transportation facility to the interns within the project jurisdiction.

3. Roles and Responsibilities:

The scope of this MOU shall be carried out in a collaborative mode between NHAI and EGSPEC. The Roles & Responsibilities of NHAI and the EGSPEC in performing the defined objective shall be as follows:

<u>NHAI</u>

a. NHAI shall provide the list of potential National Highway stretches for adopting by the EGSPEC;

b. NHAI shall facilitate availability of relevant data and testing required with specific reference to the above stretches through its field office/consultant/concessionaire/contractor engaged in the project

c. NHAI will nominate an officer as a point of contact for all correspondence in carrying out the defined objective;

d. NHAI shall facilitate the faculty, researchers and students of the Institute to give access to the site of the identified stretch being adopted by EGSPEC, relevant documents for the purpose of activities to be carried by these intellectuals of the Institute;

Dr S. AN

Dr S. Anahe Kumar Varma, M.E., Ph D Feldessor & Head Dept. of Civil Engineering E.G.S. Pitlay Engg.College (Autonomous) Nagapattinam - 611 002 Jamilnadu

General Manager, (T) & Project Director, NHAI, PIU - Viluppuram.

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e. NHAI through its field office/Consultant/Concessionaire/Contractor engaged in the project, as per reasonable requirement, will disseminate and familiarize the latest trends and know how in highway/transportation sector in general and the identified project in specific to the authorized faculty, researchers and students of the Institute;

f. NHAI may suitably adopt the research output and feedback received from EGSPEC in practice for qualitative improvement as deemed fit at appropriate stage of implementation.

g. NHAI may support creation of Lab infrastructure in the Institute and can sponsor relevant research project that helps in using alternative resource material and improving quality of roads.

h. The NH stretch adopted can be co-branded with EGSPEC by NHAI

EGSPEC

a. The Institute shall adopt stretch(cs) of NHs as specified in the Appendix-1 as a voluntary initiative.

b. EGSPEC through its authorized faculty, researchers and students will carry out periodic investigation and give suitable suggestions for improving the efficiency of existing highway asset inter alia covering the following aspects:

(i) Improvements in safety provision by removing existing deficiencies

(ii) Improvements in continual maintenance of the stretch using new

technologies

(iii) Localized solutions for removal of congestion points thereby increasing the average speed of traffic flow

(iv) Improvements in the riding comfort through cost effective measures based on innovative technologies on practices applicable in the area

(v) Viability of new way side amenities for road user based on the existing traffic pattern and user expectations

(vi) Potential solutions to old recurring problems based on local experience etc.

c. The Institute may also associate with the consultants/NHAI during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the site climate, geology, topography and resource potential for better environmental and socio-economic outcome

Dr S. Anderd Kumar Varma, M E., Ph D Professor & Head Dept. of Civil Engineering E.G.S. Pillay Engg.College (Autonomous) Nagapattinam - 611 002

NHI

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General Manager, (T) & Project Director, NHAI, PIU - Viluppuram

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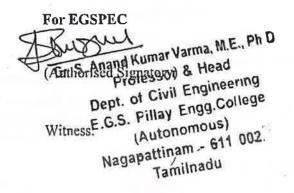




d. EGSPEC will nominate a coordinator as a point of contact for all correspondence in carrying out the defined objective as well as inform, from time to time.

4. EFFECTIVE DATE AND PERIOD OF MOU

This MoU shall come into effect for all its intents and purposes from the immediate effect and shall remain valid for a period of 5 years from the date of signing unless terminated earlier by mutual consent by either party by giving 60 days' notice in writing to the other party.



For NHAI

NF

(T.V. Sivaji) General Manager & Project Director General Manager, (T) & Project Director, NHAL Witness: PIU - Viluppuram.

Deputy General Manager (Tech), National Highways Authority of India, PIU-VIluppuram

(ViBalasubsemeni)

Page 5 of 6





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For EGSPEC (Authonised Surgerson) & Head Dept. of Civil Engineering Witness E.G.S. Fillay Engg.College (Autonomous) Nagapattinam - 611 002 Tamilnadu

(V.Balasubsameni)

For NHAI

NUM

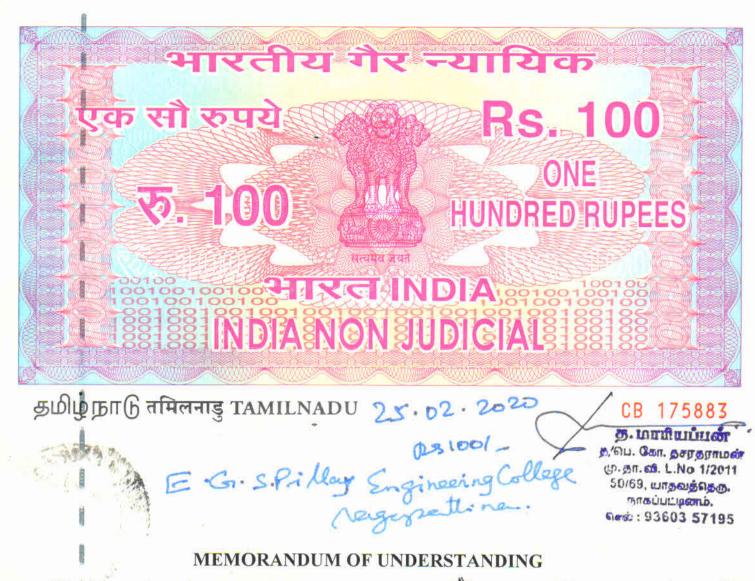
(T.V. Sivaji) General Manager & Project Director

General Manager, (T) & Witness: Project Director, NHAL PIU - Viluppuram.

Satt

Deputy General Manager (Tech), National Highways Authority of India, PIU-VIIuppuram

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This Memorandum of Understanding ('MOU') is executed on 13, Oct, 2020, at EGS Campus, Nagapartiness AND BETWEEN

SOLVERMINDS Solutions & Technologies Pvt. Ltd, a Company incorporated under the provisions of Companies Act, 1956 and having its registered office at Plot 2B-4, 7th Cross Street, SIPCOT IT Park, OMR, Siruseri, Chennai, 603 103 Tamil Nadu, India represented by its authorized signatory Ravishanker Kannan Head-Talent Acquisition, hereinafter referred to as 'SVM' on the ONE PART (which expression whenever used shall mean and include its successors, administrators and assigns),

AND

Private and confidential - MOU between SVM and EGS Campus

EGS Pillay Engineering College, Old, Nagore Main Rd, Thethi village, Nagore, Nagapattinam, Tamil Nadu 611002. represented by its authorized signatory <u>Shri S. Paramesvaan</u> Hereinafter referred to as 'Institution' on the OTHER PART (which expression, whenever used, shall mean and include its successors, administrators and assigns).

(SVM and Institution are individually referred to as 'Party' and collectively referred to as 'Parties').

WHEREAS SVM is a global information technology services company and provides IT and business consulting, application support and maintenance, development, systems integration, and managed services to its customers.

AND WHEREAS Institution is a premier educational institute in the country and provides a high quality educational experience to students in a diverse learning environment. From classrooms and laboratories to playgrounds and campus hostels, all the facilities and amenities provided to meet the world-class standards

The Institution has evolved a comprehensive student-centric learning approach consisting of several stages, designed to add significant values to the learner's understanding in an integrated manner, covering relevant knowledge, practical skills, and positive attitudes.

AND WHEREAS Institution, to enrich practical skills and impart industry-relevant course curriculum to students of all engineering disciplines in the field of Information Technology(IT), has approached SVM for forging an industry-institute academic alliance with the intent to facilitate and train Institution's students and faculty on Development / Testing by utilizing SVM's relevant experience and by deputing SVM's representatives from time to time at the Institution with the object of providing exposure to SVM's Faculty and students to current industrial needs and requirements.

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AND WHEREAS SVM, with a bona fide and non-commercial intention of serving the purpose of education and making the students more exposure to the present industrial needs and requirements thereby reducing the cost and time involved in training and making them skillbased personnel after graduation, has accepted the request of Institution.

Accordingly, the Parties have decided to reduce into writing their mutual representations and understanding as stated hereunder:

NOW THIS MOU WITNESSETH AS FOLLOWS:

According to the foregoing covenants, the Parties hereby agree and the state as follows;

1. That the Parties on this day have executed this MOU intending to enhance the quality of the educational experience for students and training of faculty of Institution and also for industry-institute collaboration between the Parties for mutual benefit and pursuant thereto the Parties agreed for:

- (a) SVM may as mutually agreed from time to time, provide Institution with certain material and access to the Development / Testing library and collaterals and the Institution shall use the materials and access to the Development / Testing library under the guidance of SVM and only for this MOU.
- (b) If requested by SVM, the Institution will nominate two or three faculty members for undergoing the Trainer program at SVM's office at Chennai for two weeks. The faculty, after completion of training, will be allowed to train a certain number of students as agreed upon in writing from time to time.
- (c) The final year students to be trained will be pre-selected by SVM (hereinafter referred to as the 'Pre-selected Students'.
- (d) The course will be imparted for the duration specified by SVM as an additional training program. This program will be run during the pre-final semester of the graduation course being offered by the Institution for the Pre-selected students.

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Private and confidential - MOU between SVM and EGS Campus

- (e) The Institution is not allowed to charge the Pre-selected Students any fee for this course. If it is found that Institution has charged fees for this program from students, SVM will have the right to immediately terminate this MOU and stop all assciation with the Institution.
- (f) The Institution is not allowed to train any other students according to this MOU other than the Pre-selected Students by SVM.
- (g) SVM shall retain the right of first refusal for making employment offers on completion of their graduation from the pool of Pre-selected Students. This is however not applied for the students who are not pre-selected by SVM or have not been made part of the training program under this MOU.
- (h) Pre-selected students who undergo this program as part of their pre-final semester may also be given an internship opportunity by SVM either in its office or through virtual mode.
- (i) The Institution will at its own cost establish a lab with the specified infrastructure requirements of SVM and will use the lab for imparting the course/training under this MOU. This lab will be used as a first preference for the purpose stated above.

2. The MOU shall be valid for Two (2) years from the date of execution. The Parties shall be at full liberty to terminate the MOU at any time by issuing a prior notice of fifteen (15) days. The Parties shall make reasonable efforts for the performance of the MOU and shall in good faith cooperate with each other in duly performing the obligation agreed upon. The Parties herein have agreed to perform various obligations with a voluntary service motive and there is no monetary obligation/consideration involved herein between the Parties. Under no circumstances, SVM shall be treated as the vendor, contractor, and agent of the Institution (or vice-versa).

3. The Institution shall have to bear all expenses towards providing infrastructure, network and internet access, and the other facilities required for the education and training. The Institution will not use the material or access to the Development / Testing library for any other use other than the above-mentioned process. Training of the faculty members or more number of students than agreed or using licenses for any other commercial/non-commercial purposes will be a

Private and confidential – MOU between SVM and EGS Campus

breach of this MOU and such use may attract legal action along with immediate termination of the MOU.

4. The Institution shall indemnify, defend and hold SVM, its subsidiaries and affiliates thereof and their respective officers, directors, agents and employees, harmless from and against all claims, damages, liabilities, costs, losses and expenses, including reasonable attorneys' fees and expenses incurred, related to or arising from: (i) bodily injury or damage to property incurred from or in connection with the performance of Institution under this MOU; (ii) any claim by or against SVM arising out of a breach by the Institution of any obligations (including, without limitation, any warranty, confidentiality, intellectual property, assignment obligations) under this Agreement; (iii) the infringement, misappropriation or a claim of infringement or misappropriation of any patent, copyright, trademark or other proprietary or intellectual property right of a third party; (iv) the acts, omissions, negligence or misconduct of the Institution or its students, officers, directors, agents, representatives, assigns, personnel and employees; (v) any claims by the students or third parties against SVM related to this MOU.

5. SVM may also provide the Institution with publicity material such as handouts, information brochures, and posters, and the Institution shall return any such materials, to SVM on the termination or expiry of this MOU, or as and when requested to do so by SVM.

6. Except for collaboration related to Development / Testing practice, the Institution is not barred from having collaborations with other organizations. Except as expressly stated in this MOU, there shall be no obligation on any Party to compensate the other in any manner or any claim. For initiatives that are planned for the Development / Testing domain, the Institution can invite guest speakers with prior approval from SVM. Any other event in this domain will be conducted in collaboration with SVM.

7. The Parties shall independently meet their expenditure incurred by the respective Parties in performing their part of obligations agreed herein.

8. The Parties shall respect the intellectual property of the other Party and third parties and shall not use the trade name, trademark, copyright, patent, symbol, or designation belonging to the other Party without prior approval and permission. No Party shall claim itself as an agent or representative of the other Party or create any liability for the other Party.

Private and confidential - MOU between SVM and EGS Campus

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9. The Parties shall maintain the confidentiality of all information, course materials, plans, discussions, strategies, data, or any material which shall be deemed to be confidential.

10. IN NO EVENT SHALL (A) EITHER PARTY is LIABLE FOR ANY INDIRECT, INCIDENTAL, SPECIAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES OF ANY NATURE WHATSOEVER, WHETHER IN CONTRACT, WARRANTY OR TORT, INCLUDING WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, REVENUE, DATA, COVER, LOSS OF OR INTERRUPTION OF BUSINESS OF CUSTOMER OR ANY OTHER PARTY ARISING OUT OF OR IN CONNECTION WITH THE DELIVERY, USE OR PERFORMANCE OF THE SERVICES, THE DELIVERABLES, ANY SOFTWARE OR ANY OTHER MATERIALS OR ITEMS, EVEN IF THAT PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR EVEN IF SUCH DAMAGES ARE REASONABLY FORESEEABLE, AND (B) SVM'S AGGREGATE LIABILITY ARISING OUT OF THIS MOU FOR ANY CLAIM OR CLAIMS EXCEED INR 1000.

11. The Parties represent that they have the full power and authority to enter into this MOU in general and none of the objects stipulated herein are against public policy.

12. The Parties shall designate their respective representatives who shall be the primary point of contact on behalf of that Party.

13. Neither of the Parties shall use the name of the other Party in any advertisement nor make any public announcement without the prior written approval of the other Party.

14. SVM will be provided the dream slot during the campus placements by the Institution, which will be finalized based on mutual discussion and agreement.

15. SVM may or may not at its discretion to visit the campus for placements and either Party shall not make any claims on each other in this regard.

16. The Parties may negotiate amendments to this MOU, if necessary, to meet the evolving requirements. Any amendment and / or modifications to the MOU will require written approval from both Parties.

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IN WRITTEN WHEREOF both Parties put their hard seal on the day, month and year stated hereinabove;

Date: OCT 19, 2019 2020, Place: Chennai 20/1.

Name: Ravishanker Kannan

Head-Talent Acquisition

Company:

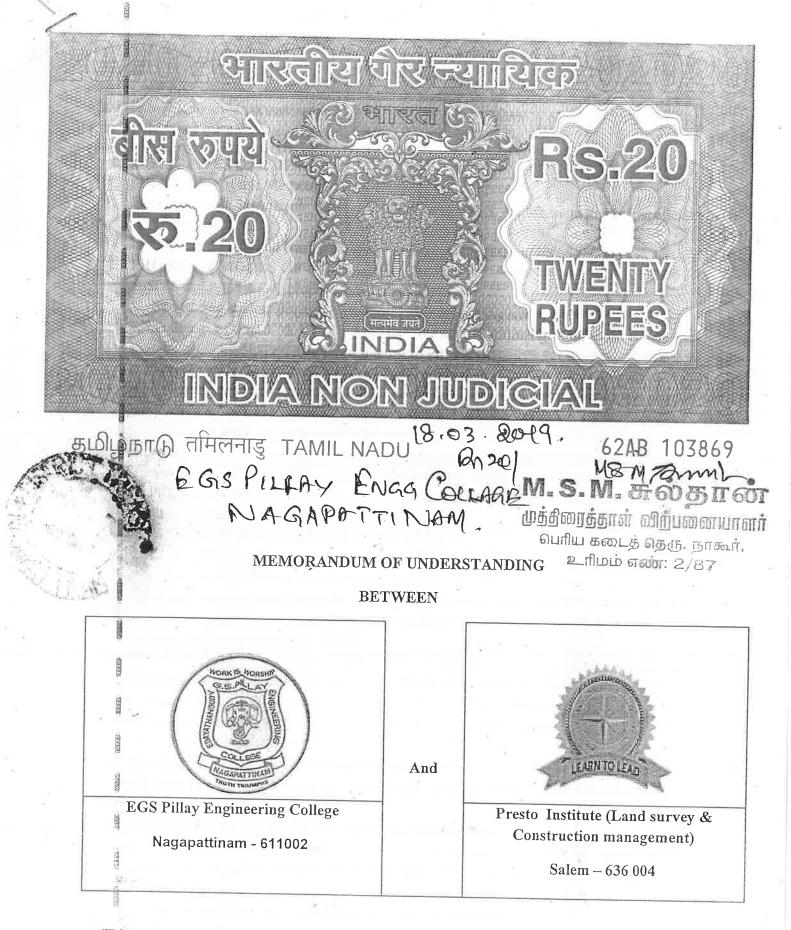
Signature: Jong,

Solverminds

Date: 19/10/2020 Place: Nagapatlinam Name: S. PARAMESVARAN Secretary

Company: E. G. S. Pillay Engineering College Signature: S. Parames varan

Private and confidential - MOU between SVM and EGS Campus



This agreement made and entered into on this 01st day of March 2019 between : Old Nagore Road, Thethi village, Nagapattinam, Tamil Nadu 611002 hereinafter called EGS Pillay Engineering College and Presto Institute (hereinafter called PI(LS & CM) with its registered office at No 94/2, Mariyamman Koil street, Kasakaranoor, Sona College (opp), Salem - 636 004. This MOU is valid for three years from the date of agreement.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. To promote interaction between EGSPEC and PI(LS &CM) in mutually beneficial areas
- b. To provide a formal basis for initiating between EGSPEC and PI(LS &CM)

2. PROPOSED MODES OF COLLABORATION

EGSPEC and PI(LS & CM) propose to collaborate

- a. Sponsoring student projects/ Internship for Engineering students
- b. Training of PI(LS & CM) personnel through Continuing Education Program's conducted by EGSPEC in areas of interest to PI(LS & CM)
- c. Sponsoring industrial training to our faculty members
- d. Sponsoring R & D projects, this may be carried out wholly at EGSPEC or at premises of PI(LS&CM) or partly at EGSPEC and partly at PI(LS&CM)
- e. Carryout the consultancy work, this may be carried out wholly at EGSPEC or at premises of PI(LS&CM) or partly at EGSPEC and partly at PI(LS&CM)
- f. Any other appropriate mode of interaction agreed upon between EGSPEC and PI(LS&CM)

AGGREMENT FOR CONSULTANCY WORK

The form of any of the said Consultancy work will be subject to a separate Consultancy Agreement entered into by the parties but may also include the following:

- a. In their own existing facilities The performance of consultancy work individually by each party or concurrently by both parties in mixed groups at their own facilities with regular exchanges of results.
- b. In a separate Consultancy facility –The performance of consultancy work by the technical personnel of both parties working together in the facilities of one party or in mixed groups at the facilities supported / sponsored by either party.
- c. Third parties The performance of consultancy work by the parties together with one for more third parties.

4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between EGSPEC and PI(LS&CM) as follows:

5. AGREEMENT FOR RESEARCH COLLABORATION

Each research collaboration undertaken by the parties here under shall be initiated by the signing of a separate research agreement between the parties, which will describe in detail:

- a. The nature, scope and schedule of the research collaboration.
- b. The form of the research collaboration.

- c. The estimated cost of the research collaboration together with the amount of funding, if any to be received from third parties.
- d. The treatment of intellectual property and data rights, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) which result from the research collaboration or which belong to a party and are used in research collaboration.
- e. Other provisions as may be mutually agreed upon, including provisions covering the consequences of default or termination by a participant, term, arbitration of disputes and applicable law.

6. COSTS OF THE MOU

Each party shall bear the respective costs of carrying out the obligations under this MOU.

7. SIGNED IN DUPLICATE

This MOU is executed in duplicate with each copy being an official version of the Agreement and having equal legal validity.

BY SIGNING BELOW, the parties, acting by their duly authorized officers, have caused this Memorandum of Understanding to be executed, effective as of the day and year first above written.

On behalf of

Grang Vars SECRETARY E.G.S. Pillay Group

COLLEGE,

THETHI VILLAGE

NAGAPATTINAM.

By

Name : S. PARAMESVARAM Title : SURVEYING

Date : 18-3-19

On behalf of

PRESTO INSTITUTE

LAND SURVEY & C MANAGEMENT

SONA COLLEGE(OPP),

SALEM.

By Name Data: 18 Title Date

MOU between EGSPEC and PI(LS & CM)





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MEMORANDUM OF UNDERSTANDING

BETWEEN

E.G.S.PILLAY GROUP OF INSTITUTIONS, INDIA (Engineering, Arts & Science, Polytechnic Colleges)

INDIA

AND

SOUTH EASTERN UNIVERSITY OF SRILANKA SRILANKA



This Memorandum of Understanding (MOU) is made and entered into on this 1st day of November in the year Two Thousand and Seventeen (2017).

BETWEEN

E.G.S.PILLAY GROUP OF INSTITUTIONS, INDIA (Engineering, Arts & Science, Polytechnic Colleges) having its registered office at 47, PerumalSannathi, Nagapattinam, Tamilnadu (state), India 611001 (hereinafter referred as "E.G.S.P.G.O.I" which term or expression as hereinafter used shall where the context so requires or admits mean and include the said E.G.S.PILLAY GROUP OF INSTITUTIONS, INDIA, its successors and assigns)) of the ONE PART;

AND

SOUTH EASTERN UNIVERSITY OF SRILANKA, a University duly incorporated in Sri Lanka under the provisions of section 24 A of the University Act No. 16 of 1978 as amended by Act No. 07 Of 1985 and having its Registered Office at University Park, Oluvil, #32360 in the Democratic Socialist Republic of Sri Lanka (hereinafter called and referred to as "SEUSL" which term or expression as hereinafter used shall where the context so requires or admits mean and include the said South Eastern University of Sri Lanka, its successors and assigns) of the OTHER PART;

WHEREAS

- 1. E.G.S.Pillay Group of Institutions located in India is a private institution affiliated with Anna University, Chennai and approved by All India Council for Technical Education (AICTE), Government of India., and provides diploma and degree level courses in Engineering, Arts and Sciences, Management studies.
- SEUSL is a government university located in Sri Lanka, and provides university-2. education and trainings at national level in the areas of engineering, applied sciences, information technology, business management.
- 3. The Parties now recognizing the benefits to their respective institutions from the establishment of international links enter into this Memorandum of Understanding ("MOU"). The aim of this MOU is to promote academic and educational exchange between two institutions.
- 4. The Parties wish to enter into a series of discussions for the mutual benefit of both Parties, and for purposes more particularly set forth herein.

The Parties hereby mutually agree to the following:

1. Scope of Understanding:

The provisions stated in this MOU are statements of intention only. This is not a binding agreement between the Parties (save for the confidentiality provisions below), and no such agreement shall exist until both Parties have negotiated, prepared and executed a separate individual written agreement establishing the binding obligations of the Parties and approved by each Party's Board of Directors / Governing Authority in relation to specific objectives stated below.

Page 2 of 5



This MOU is intended to establish a basis upon which E.G.S.P.G.O.I and SEUSL may explore areas for co-operation in the development and promotion of both academic research and enhancing the educational opportunities for students. The Parties believe that such endeavours would be in the interest of both Parties, academic and general community at large. In this regard, the Parties agree to discuss and explore the following objectives for mutual benefits:

A) Scope of Agreement

- i. Conducting joint research and development project
- ii. Organizing conferences and workshops
- iii. Exchange of invitation to professors, researchers, students for conferences, seminar, workshops, lab visits and short term projects
- iv. Exchange of teaching materials and scientific publications
- v. Encourage students and faculties to spend period of time in the host university.

B) Responsibilities of the Parties

- i. Both sides will circulate essential information in timely manner
- ii. The MOU shall be subjected to periodic review by both the institutions
- iii. Financial matters including travel are subject to individual negotiation
- iv. The host institution agrees to assist in housing, arranging work space, library and other technical facilities.

1.2. Specific activities or projects based on this MOU will be separately negotiated and will be subject to further agreement detailing the parties' responsibilities, obligations and conditions relating to each activity or project.

1.3. This MOU shall be officially executed in three (3) copies in English.

2. Contact Persons:

SEUSL hereby appoints Prof. M.M.M. Najim (Vice-Chancellor) and E.G.S.P.G.O.I hereby appoints (Prof. V. Sivaraman, Director, Industry Institute Relations) to co-ordinate and oversees all discussions between the Parties pursuant to this MOU.

3. Mutual Expense and Reliance:

Each Party will be responsible for its own expenses during the discussions in connection with this MOU, and all discussions shall be done in good faith for the mutual benefit of both Parties involved. Any action taken in reliance on the understanding expressed in this MOU shall be at the Parties' own risk.

4. Confidentiality:

a) All information exchanged between Parties in connection with this MOU or during discussions preceding this MOU and relating to this MOU or to any matter contemplated by this MOU, and any discussions held between the Parties are CONFIDENTIAL to them and may not be disclosed to any third party during the period of this MOU or anytime thereafter except:



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- i) with the written consent of the other Party;
- ii) if required by law to be disclosed;
- iii) in connection with legal proceedings by authority of a court of competent jurisdiction; or
- iv) if the information is or becomes generally and publicly available but not as a result of breach by either Party and/or the employees of its respective subsidiaries, parent or related companies as aforesaid, of its obligations under this MOU.
- b) Disclosure of confidential information to the employees of either Party's subsidiary, parent or related companies is permitted provided it is necessary for the purposes of performing that Party's obligations under this MOU. Notwithstanding the aforesaid, the Party receiving any information shall ensure that any of its employees to whom information is disclosed by the Party disclosing pursuant to this MOU shall undertake to observe the confidentiality undertakings in this MOU. The Party receiving the information shall protect all confidential information of the disclosing Party using not less than the standard of care in which it treats its own confidential information (but no less than a reasonable care in the circumstances) and shall ensure that the information is stored and handled in such a way as to prevent unauthorised disclosure.
- c) The obligation of confidentiality herein shall survive the termination of this MOU and remain binding on the Parties without limitation of time.

5. Termination:

This MOU is for duration of five (5) years from the date of this agreement. However, either Party may immediately terminate or extend this MOU for any reason by providing notice in writing at least six (6) months prior to the expiration of this period to the other Party.

6. No Legal Obligations:

The Parties agree that provisions contained in this MOU are not binding and do not create any legal obligations between the Parties, save for the confidentiality provisions in this MOU.

7. Relationship of the Parties:

The Parties herein are independent entity. This MOU does not create any agency, company, partnership, joint venture or any other business relationship between the Parties.

8. Limitation of Liability:

In no event shall either Party be liable to the other for any damages whatsoever including, without limitation, direct, indirect, speculative, incidental, special or consequential damages in connection with performance under this MOU.

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9. Modifications:

No variations, modification or alteration of any provisions of this MOU shall be effective unless made with the prior written agreement of the Parties.

10. Governing Law and Jurisdiction:

This MOU and any final agreement entered pursuant to this MOU shall be governed by and construed in accordance with the laws of India. Any dispute controversy or claim arising out of or relating to this MOU or breach, termination or invalidity thereof, shall be decide and finally resolved by arbitration between two universities. The language to be used in the arbitration will be English.

IN WITNESS WHEREOF the parties hereto have caused this MOU to be duly executed on the day andyear first above mentioned.

SIGNED BY: For and on behalf of E.G.S.PILLAY GROUP OF INSTITUTIONS (E.G.S.P.G.O.I)

SIGNED BY: For and on behalf of SOUTH EASTERN UNIVERSITY OF SRI LANKA (SEUSL)

S. Parametvaran

Shri.S.Paramesvaran M.Com., FCCA(London) Secretary

Prof. M.M.M. Najim Vice-Chancellor

WITNESSED BY:

WITNESSED BY:

V. Sim

Prof. V. Sivaraman M.Tech. Ph.D Director Industry Institute Relations

Dr. Rameez Aboobucker Director International Relations

Page 5 of 5



MEMORANDUM OF UNDERSTANDING BETWEEN E.G.S PILLAY ENGINEERING COLLEGE

AND

i3 DESIGN TECHNOLOGIES

for Mechanical Engineering Students

This memorandum of understanding executed at Chennai on 10th November 2017, between E.G.S PILLAY ENGINEERING COLLEGE, Nagapattinam College which is affiliated to Anna University, Chennai represented by its Principal Dr.S.Ramabalan which term shall mean and include its successors, representatives and assigns of the First Party

AND

i3 DESIGN TECHNOLOGIES having its corporate office at No. 4, First floor, Jothi Ramalingam street, Near Bus depot, Avadi, Chennai- 600054, represented by its Managing Partner B. KOVARASAN which term shall mean and include its successors, representatives and assigns of the Second Party

Whereas First Party has been the premier technical institution in Tamilnadu offering a number of Engineering and Technology courses at undergraduate and post graduate levels, wherein a number of consultancies and software development projects are carried out.



Whereas Second Party having two divisions of expertise in imparting education and conducting Training Program in the field of CAD/CAM/CAE through its CAD/CAM/CAE division and Conducting Industrial Workshops &Training through its Workshop division.

Whereas First Party and Second Party agreed to conduct a certified course on CREO-PARAMETRIC 2.0 & ANSYS 2016 Training Program and regular Engineering Workshops in pursuance of their object of providing quality technical training.

1) Introduction

The growth of technology has been inhibited because of the lack of high end training facilities to upgrade the expertise of engineers and train them in emerging technologies. Now the age of design automation has truly begun. The Mechanical and Automobile design industry is growing at a tremendous speed. There is a big dearth of expert and experienced Mechanical / Automobile Engineering CADD professionals, who can rapidly develop and apply new technology, accelerating growth. Hence, skilled and experienced designers can demand high salaries in the sector.

Second party seeks to fill the gap by training India's next generation of Mechanical / Automobile Engineering CAD professionals at its high tech, best-in-class training facilities where the corporate office in Chennai.



2) Now this memorandum of understanding witnessed as under:

2.1 <u>Responsibility of First Party:</u>

For Organizing CADD Program:

- 2.1.1 First Party will organize Mechanical / Automobile Engineering CAD courses at on site program in their college premises on regular basis for students based on the professional training and course material provided by Second Party.
- 2.1.2 First Party will provide suitable premises for conducting the course with the entire infrastructure suitable for CAD training.
- 2.1.3 First Party should provide the computers, projector or any other devices required for conducting the training program.
- 2.1.4 Batch strength shall be of minimum 30 students.
- 2.1.5 First Party shall nominate one faculty member of First Party as the **PROGRAM CO-ORDINATOR** for the course.



For Organizing Workshop Program:

- 2.1.6 First Party will organize Mechanical / Automobile Engineering Workshops & Training programs at on site program in their college premises on regular basis for students.
- 2.1.7 First Party will provide suitable premises for conducting the Workshops with the entire infrastructure suitable for Workshops / Training Programs
- 2.1.8 First Party should provide the projector, Audio & Video facility or any other devices required for conducting the workshop program.
- 2.1.9 First Party has to organize workshops for the students in each & every semester during the agreement period.

2.2 <u>Responsibility of Second Party:</u>

For Organizing CADD Program:

- 2.2.1 Second Party will conduct the CADD course at First Party premises.
- 2.2.2 Second Party will conduct examinations and carry out assessments at the end of the course, determining the eligibility of the students to receive the course certificates.



- 2.2.3 The course curriculum is designed suitable to the current needs of CAD/CAM/CAE industries. The detailed syllabus shall be provided by Second Party on the day of inauguration of the course.
- 2.2.4 Job assurance of 10% will be given to the outstanding students who are participating in the training program conducted by Second Party.
- 2.2.5 Course shall commence only after receiving the payment as per Clause 3.2
- 2.2.6 Second Party will issue the certificates to the participants of the First Party after the successful completion of the training.

For Organizing Workshop Program:

- 2.2.7 The Second Party has to conduct regular workshops/ Training programs for the students of the first party in the field of Mechanical/ Automobile industries at FREE OF COST.
- 2.2.8 The Second party has to bear the Transportation cost.
- 2.2.9 The Second Party has to conduct workshops for the students of the first party in each & every semester during the agreement period.
- 2.2.10 The Second Party has to provide Participation Certificates for the students & Organizing Certificates for the Staffs of the First Party.



3) Financial Structure:

- 3.1 The First Party is liable to collect the fees from the student.
- 3.2 The fees can be decided mutually and agreed upon for individual courses. 50% of the due fees should be paid to the Second Party before the commencement of the Training program and the remaining should be paid at the end of the Training program.
- 3.3 Fees once paid will not be refunded or returned under any circumstances.

4) Validity of MOU:

The MOU between First Party and Second Party is valid up to 3 years from the date of agreement

5) <u>Renewal Requisition:</u>

The request for renewal shall be made 3 months before the expiry of the current period and both First Party and Second Party reserve the right to renew it.

6) Exit Clause:

First Party and Second Party agree that of any violation of any terms and condition; that they reserve the right to cancel the MOU upon a mutual agreement.



7) Notices:

Notices required under this agreement shall be in writing and shall be delivered in person or deposited in the Indian postal service mail, postage prepaid and addressed as follows.

If addressed to i3 DESIGN TECHNOLOGIES

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Managing Partner i3 Design Technologies, No: 4, First floor, Jothi Ramalingam Street Near Bus Honot Gies i3 DESIGN TECHNOLOGIES Chenya For Host Stati Ramaingam St. Near Bus Depot Avadi, Chennal - 600 054. If addressed to E.G.S PILLAY ENGINEERING COLLEGE,

Principal E.G.S Pillay Engineering College, Thethi – Nagapattinam, Tamil Nadu- 611002. Dr. S. RAMABALAN, M.E., Ph.D., PRINCIPAL E.G.S. PILLAY ENGINEERING COLLEGE NAGAPATTINAM - 611 002.

IN WITNESS WHEREOF THE PARTIES HAVE SET THEIR HANDS HERE TO ON THIS 10.11.2017 AT E.G.S P.E.C, NAGAPATTINAM UNDER THEIR RESPECTIVE SEAL OF OFFICE.



For and on Behalf of E.G.S Pillay Engineering College Nagapattinam- 611002

M. Ljih D For and on Behalf of

i3 design technologies, Chennai – 600 054





Dated this on the 27th day of September 2016

BETWEEN

E.G.S.PILLAY GROUP OF INSTITUTIONS, INDIA (Engineering, Arts & Science, Polytechnic Colleges)

AND

UNIVERSITI TELEKOM SDN. BHD. (Company No. 436821-T) [as the registered owner of MULTIMEDIA UNIVERSITY] (CYBERJAYA, MALAYSIA)

MEMORANDUM OF UNDERSTANDING



This Memorandum of Understanding ("MOU") is dated on the 27th day of September, 2016.

BETWEEN

E.G.S.PILLAY GROUP OF INSTITUTIONS, INDIA (Engineering, Arts" & Science, Polytechnic Colleges)having its registered office at 47, Perumal Sannathi, Nagapattinam, Tamilnadu (state), India 611001 (hereinafter referred as E.G.S.P.G.O.I) of the one part;

AND

UNIVERSITI TELEKOM SDN. BHD.(Company No. 436821-T), having its registered office at Company Secretarial Division, Level 51, North Wing, Menara TM, Jalan Pantai Baharu, 50672 Kuala Lumpur [as the registered owner of Multimedia University (Registration No. KP/JPS/DFT/US/B01), a private university registered under the Private Higher Educational Institution Act 1996 (Act 555) and having its business address at Jalan Multimedia, 63100 Cyberjaya, Selangor Darul Ehsan and Jalan Ayer Keroh Lama, 75450 Bukit Beruang, Melaka (hereinafter referred as "MMU") of the other part;

WHEREAS

- 1. E.G.S.Pillay Group of Institutions located in India is a private institution affiliated with Anna University, Chennai and approved by All India Council for Technical Education (AICTE), Government of India., and provides diploma and degree level courses in Engineering, Arts and Sciences, Management studies.
- 2. MMU is a private university institution located in Malaysia, and provides university-level education and training in the areas of multimedia technology, engineering, information technology, general arts and sciences, and business management.
- 3. The Parties now recognizing the benefits to their respective institutions from the establishment of international links enter into this Memorandum of Understanding ("MOU"). The aim of this MOU is to promote academic and educational exchange between two institutions.
- 4. The Parties wish to enter into a series of discussions for the mutual benefit of both Parties, and for purposes more particularly set forth herein.

The Parties hereby agree to the following:

1. Scope of Understanding: The provisions stated in this MOU are statements of intent only. This is not a binding agreement between the Parties (save for the confidentiality provisions below), and no such agreement shall exist until both Parties have negotiated, prepared and executed a separate individual written agreement establishing the binding obligations of the Parties and approved by each Party's Board of Directors in relation to specific objectives stated below.

This MOU is intended to establish a basis upon which E.G.S.P.G.O.I and MMU may explore areas for co-operation in the development and promotion of both academic research and enhancing the educational opportunities for students. The Parties believe that such endeavours would be in the interest of both Parties and of Malaysia's business, academic and general



community at large. In this regard, the Parties agree to discuss and explore the following objectives for natual benefits:

A) Scope of agreement

- Conducting joint research and development project
- ii. Organizing conferences and workshops
- iii. Exchange of invitation to professors, researchers, students for conferences, seminar, workshops, lab visits and short term projects

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- iv. Exchange of teaching materials and scientific publications
- v. Encourage students and faculties to spend period of time in the host university.

B) Responsibilities of the Institutions

- i. Both sides will circulate essential information in timely manner
- ii. The MOU shall be subjected to periodic review by both the institutions
- iii. Financial matters including travel are subject to individual negotiation
- iv. The host institution agrees to assist in housing, arranging work space, library and other technical facilities.
- 1.2. Specific activities or projects based on this MOU will be separately negotiated and will be subject to further agreement detailing the parties' responsibilities, obligations and conditions relating to each activity or project.
- 1.3. This MOU shall be officially executed in three (3) copies in English.
- 2. Contact Persons: MMU hereby appoints Ir. Dr. Wong Wai Kit and E.G.S.P.G.O.I hereby appoints (Prof.V. Sivaraman, Director, Industry Institute Relations) to co-ordinate and oversees all discussions between the Parties pursuant to this MOU.

3. Mutual Expense and Reliance: Each Party will be responsible for its own expenses during the discussions in connection with this MOU, and all discussions shall be done in good faith for the mutual benefit of both Parties involved. Any action taken in reliance on the understanding expressed in this MOU shall be at the Parties' own risk.

Confidentiality:

4.

- All information exchanged between Parties in connection with this MOU or during a) discussions preceding this MOU and relating to this MOU or to any matter contemplated by this MOU, and any discussions held between the Parties are CONFIDENTIAL to them and may not be disclosed to any third party during the period of this MOU or anytime thereafter except:
 - with the written consent of the other Party; i)
 - if required by law to be disclosed; ii)
 - in connection with legal proceedings by authority of a court of competent iii) jurisdiction; or
 - if the information is or becomes generally and publicly available but not as a iv) result of breach by either Party and/or the employees of its respective subsidiaries, parent or related companies as aforesaid, of its obligations under this MOU.

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- Disclosure of confidential information to the employees of either Party's subsidiary, b) parent or related companies is permitted provided it is necessary for the purposes of performing that Party's obligations under this MOU. Notwithstanding the aforesaid, the Party receiving any information shall ensure that any of its employees to whom information is disclosed by the Party disclosing pursuant to this MOU shall undertake to observe the confidentiality undertakings in this MOU. The Party receiving the information shall protect all confidential information of the disclosing Party using not less than the standard of care in which it treats its own confidential information (but no less than a reasonable care in the circumstances) and shall ensure that the information is stored and handled in such a way as to prevent unauthorised disclosure.
- The obligation of confidentiality herein shall survive the termination of this MOU and c) remain binding on the Parties without limitation of time.
- Termination: This MOU is for duration of five (5) years from the date of this agreement. 5. However, either Party may immediately terminate or extend this MOU for any reason by providing notice in writing at least six (6) months prior to the expiration of this period to the other Party.
 - 6. No Legal Obligations: The Parties agree that provisions contained in this MOU are not binding and do not create any legal obligations between the Parties, save for the confidentiality provisions in this MOU.
 - 7. Relationship of the Parties: The Parties herein are independent entity. This MOU does not create any agency, company, partnership, joint venture or any other business relationship between the Parties.
 - 8. Limitation of Liability: In no event shall either Party be liable to the other for any damages whatsoever including, without limitation, direct, indirect, speculative, incidental, special or consequential damages in connection with performance under this MOU.
 - 9. Modifications: No variations, modification or alteration of any provisions of this MOU shall be effective unless made with the prior written agreement of the Parties.
 - 10. Governing Law and Jurisdiction: This MOU and any final agreement entered pursuant to this MOU shall be governed by and construed in accordance with the laws of Malaysia. Any dispute controversy or claim arising out of or relating to this MOU or breach, termination or invalidity thereof, shall be decide and finally resolved by arbitration between two universities. The language to be used in the arbitration will be English.

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IN WITNESS WHEREOF the parties hereto have caused this MOU to be duly executed on the day and year first above mentioned.

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SIGNED BY: For and on behalf of E.G.S.PILLAY GROUP OF INSTITUTIONS (E.G.S.P.G.O.I)

SIGNED BY: For and on behalf of MULTIMEDIA UNIVERSITY (MMU)

S. Paramesvaran

Shri.S.ParamesvaranM.Com., FCCA(London) Secretary

....

Prof. Dr. Ahmad Rafi Mohamed Eshaq President

WITNESSED BY:

V. Simone

Prof. V. Sivaraman Director Industry Institute Relations

WITNESSED BY:

Assoc. Prof. Dr. Alan Tan Wee Chiat Dean Faculty of Engineering and Technology

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MEMORANDUM OF UNDERSTANDING FOR INSTITUTIONAL COLLABORATION BETWEEN

TAMIL NADU FISHERIES UNIVERSITY, NAGAPATTINAM

AND

E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

The Memorandum of Understanding (MoU) between **TAMIL NADU FISHERIES UNIVERSITY (TNFU)**, Nagapattinam, Tamil Nadu, India (herein after referred as the "University") and **E.G.S. Pillay Engineering College**, **Nagapattinam** (herein after referred to as "College") is intended to facilitate from this day **22nd Aug. 2016**. The linkage hereby formed shall further assisted in achieving mutual relationship between both the parties in terms of developing institutional collaboration in education and research for the benefit of faculties and students in both the organizations.

Preamble

PROFILE OF TAMIL NADU FISHERIES UNIVERSITY

The Tamil Nadu Fisheries University, Nagapattinam (TNFU) is the exclusive professional University in fisheries established in June 2012 by the Government of Tamil Nadu. It offers Undergraduate, Postgraduate and Doctoral degree programmes in Fisheries Science and Undergraduate degree programme in Fisheries Engineering, conducts need based training programmes and undertakes research and extension activities in fisheries.

The specific mandates of TNFU are to conduct undergraduate, master's and doctoral programmes in various disciplines of fisheries science, technology and engineering, to establish Centres of Excellence in emerging areas of fisheries, to conduct refresher training programmes for fisheries developmental and extension personnel, to conduct basic and interdisciplinary research in fisheries, to conduct need-based capsule / vocational training on various technologies related to fisheries and allied disciplines, and to provide institutional support for consultancy and participation in sponsored projects and programmes with other institutions, agencies and industries.

PROFILE OF E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM

E.G.S.Pillay Engineering College is one of the pioneering non-grant engineering Colleges in the State. It was established by the G.S.Pillay & Sons Educational & Charitable Trust, Nagapattinam in the year 1995 with the sanction of the Government of Tamilnadu, approval of the All India Council for Technical Education, New Delhi and affiliation to Bharathidasan

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University, Tiruchirapalli. Its courses are affiliated to Anna University, Chennai, from 2002 and the degrees are awarded by Anna University, as per the Government Orders. NAAC Accredited with 'A' grade and recognized by UGC under 2(f) and 12(B) status. EEE, ECE, CSE and Mechanical Departments are recognized research centre of Anna University, Chennai for pursuing PhD and M.S. (By Research) programmes and Anna University Nodal Centre for Quality Improvement Cell.

Scope of this Memorandum:

The University & the College have agreed for institutional collaboration in education and research. The primary objective is to promote interaction and collaboration between faculty, staff and students of the two institutions through visits and exchange programmes, carry out joint academic and research programmes, joint supervision of doctoral and masters students, on a reciprocal basis. The relationship also aims at enhancing the technological, social and cultural relations of both the orgnizations. This document presents a general framework for such a relationship. It also includes some specifically identified areas of cooperation, which, may be updated from time to time.

Coordination

The Dean, College of Fisheries Engineering shall be the Coordinator from the University and Dr. S. Ramabalan, Principal of the College shall be the Coordinator from E.G.S.Pillay Engineering College. The participants and Coordinators may change from time to time as decided by appropriate Authority of the respective institutions. The officially notified incumbents shall represent both the organizations respectively as per the notifications from the respective authorities.

Scope of Cooperation

The following areas of cooperation have been identified under this agreement.

(i) Faculty exchange programme:

The two parties will explore opportunities for interaction among members of faculties as well as creating Visiting Faculty positions. The total duration of visits from each side is expected to be approximately equal. Each such visit shall require approval of the respective institutions.

(ii) Student exchange programme:

The two parties agree to participate in student exchange programme at the respective institutions for appropriate and identified areas of academic and research importance. Visits under such programmes may be for a short duration, such as summer/winter terms or short courses, or for a longer duration not exceeding one semester. A detailed proposal

document of individual student exchange programme of longer duration has to be drawn and approved by the highest academic bodies of the two institutions before implementation. (iii) Joint research projects:

The two parties will explore opportunities of undertaking joint research projects and may seek research funding from external funding agencies. Each such research proposal shall require approval of the respective institutions. Director of Research, TNFU and Research coordinator or Directors of the College at higher level have to jointly decide the research areas for collaboration.

(iv) Coordinated graduate degree programme:

Joint PhD/Masters programmes may be explored and formulated, possibly in association with other reputed academic, research or industrial organizations. A detailed document related to such programmes will be required and approved by the competent authorities of both the institutions, before implementation.

(v) Joint academic activities and events:

The University & the College may formulate joint academic activities such as short course, seminars, workshops or conferences based on mutual interests and available expertise in both the institutions. They may also share and carry out joint research in technology for distance and computer-based learning.

The areas of cooperation may be revised by mutual consent. However, specific programmes may require separate agreements detailed out and documented as annexure to this MoU.

Intellectual Property

Each institution will adhere to the intellectual property laws. Intellectual property developed during the visit of an exchange student/researcher/faculty/staff will be governed by the rules of the host institute unless otherwise specified. The two institutions shall jointly own results of clearly defined collaborative projects and exchange programmes. This joint ownership also entitles each party to explore commercialization. However, transfer of jointly developed technology and associated sharing of revenue shall be governed by a separate agreement.

Furthermore, if one institution receives any information from the partner under a clearly defined and non-disclosure agreement, necessary and reasonable care shall be taken to protect the intellectual property received.

Financing

The two institutions will consider allocating seed money to initiate this partnership. In addition they will also approach their own government and governing bodies, international funding agencies and industries. Special attention will be given to obtain funded projects from industry as well as from alumni to support such collaborations.

Both institutes will provide tuition fee waivers to the exchange students. The host institute will make arrangements for local living including accommodation, food, local travel, insurance etc. at reasonable costs to exchange students and faculty. Travel costs shall be borne by the home institution of the visitor.

Legal Status

This document is a statement of intent to foster genuine and mutually beneficial cooperation and is not legally binding on both the parties. Any disputes shall be resolved through mutual discussion. No legal status is attached.

Validity

This agreement is valid for an initial period of five years and becomes effective from the date it is signed by the partners. The partnership period may be extended by mutual consent. In case one partner wishes to terminate the MoU, intimation shall be sent at least six months in advance. However, specific commitments made prior to such intimation shall be honoured by both the partners. Deviations of any kind at any point of time falling within the scope of this MoU shall be mútually resolved based on consultation and appropriate meetings at both the organizations.

Agreed by

Witnessed by

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(Automazed Signato Tamil Nadu Fisheries Un ry Nagapattinam, Tamil Naders

Date:

FUPATH-KUMGRE)

raran E G S Pillay En CRETARCOLLEGE Nagagineering

Date 22/8/16

RAMABA Princip EGSPECIL



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (herein after referred to as the "MOU") is made at NAGAPATTINAM (Place) on 04th day of February 2016 between Educational Institution located at NAGAPATTINAM represented herein by THE PRINCIPAL (herein after called "Educational Institution":) and the Tamil Nadu Pollution Control Board (TNPCB) located at NAGAPATTINAM represented herein by its DEE Mr. A.RAJA (herein after called "TNPCE").

TNPCB is interested in establishing Continuous Ambient Air Quality Monitoring Stations (CAAQMS) in Tamilnadu with the participation of the Educational Institutions at 25 locations identified jointly by the TNPCB and Educational Institutions.

District Environmental Ensineer, Tamil Nadu Pollution Former boary BAGAPATTEAN

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Cell: 98425 63544

Dr. S. RAMABALAN, M.E., Ph.D., Principal E.C.S. Pillay Engineering College Nagapatilnam - 611 002.

kole of TNPCB

- All the Instruments/Equipments will be purchased by calling Open Tenders by TNPCB.
- They will be established in the identified places/stations by the TNPCB. ü.
- The rent if any fixed for the building identified for CAAQM Station will be üi. paid by TNPCB after making agreement with the owner of the building for a minimum period of 5 years, which will be renewed by another 5 years or more as per the PWD rates at the option of TNPCB.
- The initial three phase power supply provisions and telephone connection iv. with internet facility for CAAQM Stations will be arranged by TNPCB. Internal wiring for the stations will also be arranged by TNPCB as per the requirement given by the O&M contractor.
- After complete establishment of the stations by the supplier, the stations will be handed over to the O&M contractor by getting indemnity bond ٧. prescribed for this purpose in the tender documents.
- TNPCB will issue Operation and Maintenance Contract (Q&M) to the supplier to maintain the CAAQM Stations initially for 5 years which may be vi. renewed to another 10 years (in 5 years package) or up to the life period of the analyser, whichever is later at the option of TNPCB.
- The O&M payment will be made by TNPCB after getting necessary vii. certificates from the respective Educational Institutions as prescribed in the tender documents and in the O&M conditions along with invoice of the contractor.

Role of Educational Institutions 2.0

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Educational Institutions will identify suitable buildings for the proposed CAAQM Stations in coordination with the concerned District Environmental Engineers of TNPCB and fix rent if necessary as per the PWD norms.

Educational Institutions will identify a qualified staff for daily maintenance of the CAAOM Stations to the satisfaction of O&M Contractor. The identified staff will be responsible to the O&M contractor for the purpose of O&M and the O&M contractor will pay to the Educational Institution the salary and other benefits for the employee. The identified employee shall be entirely deputed to the O&M contractor. The O&M contractor will

District Environ Tamil Nadu Pollution NAGAPATTINAL

Dr. S. RAMABALAN, M.E., Ph.D., Principal E.G.S. Pillay Engineering College

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provide enough training to the staff for daily maintenance of the stations. After getting trained, the staff should maintain the station in co-ordination with the O&M contractor. They shall be the employees of the educational institution and there shall not exist any employer employee relationship between **TNPCB** and the workers employed by the Educational Institution.

iii. Each station will be connected to the respective Educational Institutions by Internet by providing necessary softwares, computers and printers by the O&M contractor so as to monitor the stations whether they are working or not and also get the reports as per the formats prescribed for this purpose. The internet services only will be provided by the Educational Institutions. All 25 Stations will also be connected to the CAC, TNPCB Chennai, and IIT, Chennai for data analysis.

iv. The validated data generated by the O&M contractor from the stations will be utilized by Educational Institutions for source apportionment studies and suggest necessary action plans for abatement of pollution in the particular station by using air monitoring models. The **TNPCB** and other experts will be associated in the project for this purpose as may be required for the studies.

- v. Educational Institutions must carry out periodic inspections of the CAAQM Stations and report whether O&M contractor maintaining the instruments as per the O&M conditions and validated data are obtained by scheduled/periodic calibration of the analysers. For this purpose, the inspection format prescribed should be maintained and furnished by the educational institutions along with the certified invoice of the O&M contractor for making payment by TNPCB.
- vi. The suggested action plans if any from the Educational Institution shall be sent periodically to TNPCB for the real time data obtained.

3.0 Role of Operation and Maintenance (O&M) Contractor

i. The O&M Contractor will maintain the stations under the direct supervision for respective Educational Institutions and TNPCB nominees identified for the stations in all aspects like periodic calibration of analyzers, security, housekeeping and insurance.

District Environm Tamil Nadu Pollutio NAGAPATTINA

Dr. S. RAMABALAN, M.E., Ph.D., Principal

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All the recurring expenditure like AMC for instruments/analysers/A.C./UPS, electricity charges, insurance, security expenditure, manpower, housekeeping, monthly payment of internet and telephone charges etc. will be incurred by the O&M contractor during the O&M period.

- 4.0 The Educational Institution and O&M contractor shall mutually agree to carry out the above activities of air quality monitoring station identified for at least for 10 years.
- 5.0 The data generated is the property of the **TNPCB** and it could be used by the Educational Institution for research purposes only with the consent of **TNPCB** in writing.

6.0 Publication

- 6.1 **TNPCB** recognizes that under its policy, the Educational Institution shall have the right, at its discretion to release information or to public any material resulting from the research provided that such material does not include any **TNPCB**'s Confidential Information and that such publication would not disclose or otherwise jeopardize any potential patent rights in technology developed hereunder. The data before publication shall be sent to IIT for validation.
 - 6.2 The Educational Institution should ensure the safety of the data.
 - 6.3 The **TNPCB** will be given full credit and acknowledgement for any support provided to the Educational Institution in any publication resulting from this Agreement, unless requested otherwise by **TNPCB**.

7.0 Intellectual Property Rights.

- 7.1 TNPCB shall retain ownership of all Intellectual property developed and/or purchased by TNPCB or on TNPCB's behalf prior to this agreement and to all Intellectual property developed and/or purchased by or on TNPCB's behalf without the activity participation of the Educational Institution.
- 7.2 Except for the rights expressly granted to the Educational Institution under this agreement, the TNPCB will retain all rights, title and interest in and to the Intellectual property and properiatory rights.

District Environ Tamil Nadu Pollution NAGAPATT

Dr. S. RAMABALAN, M.E., Ph.D., Principal E.C.S. Pillay Engineering College Nagapattinam - 611 002,

Duration of Agreement

This Agreement is effective for 10 years and this can be renewed for a further period of 5 years and so on at the option of TNPCB.

9.0 Surrender of Materials on Cessation :

Education Institution agrees to deliver to TNPCB, and not to keep or deliver to any other person or entity, on the date of the cessation of this agreement, all documents and things in cessation of this agreement, including but not limited to, Confidential Information. If documents and things pertaining to the business of TNPCB or originating with TNPCB come into Educational Institution's possession after his/her cessation from the PROJECT, he/she will promptly deliver them to TNPCB.

10.0 Indemnity

- 10.1 The O&M contractor is responsible for quality of data generated from CAAQM Station.
- 10.2 To the maximum extent permitted by law, **TNPCB** hereby agrees to indemnify, defend, and hold harmless the Educational Institution and its present and former officers, directors, governing board members, employees, agents, and students from any claim, loss, cost, expenses, damage or liability of any kind, including reasonable attorney's fees and expenses, arising out of or connected with its use of the Background intellectual Property or Jointly-Owned Intellectual Property.

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Educational Institution

By A.RAJA

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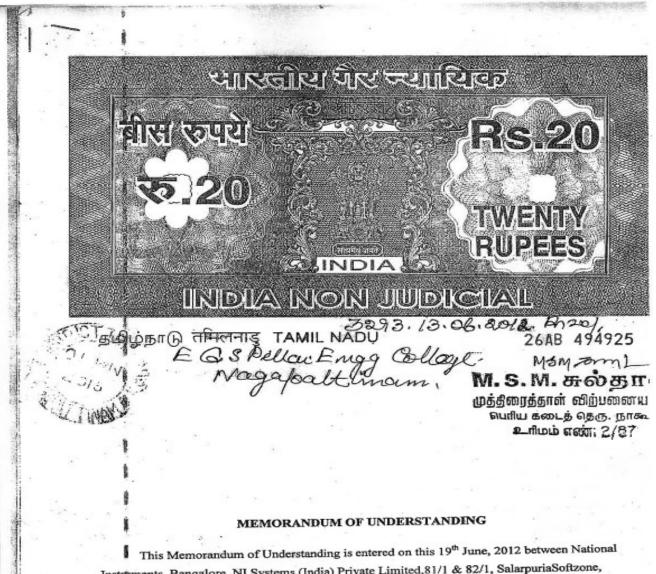
Name :

Title :

Name : Dr. S. RAMABALAN, M.E., Ph.D., Principal E.G.S. Pillay Engineering College Nagapattinam - 611 002.



NAGAPATTINAM – 611 002. TAMILNADU, INDIA Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai (Accredited by NAAC with 'A' Grade and NBA) Email: <u>principal@egspec.org</u>website: <u>www.egspec.org</u>Ph: 04365-251112



Instruments, Bangalore.,NI Systems (India) Private Limited,81/1 & 82/1, SalarpuriaSoftzone, Wing B, 5th Floor, Block A Bellandur, VarthurHobli, Bangalore 560 103, Karnataka,hereinafter called the party of the first part represented by Mr. K.Visveswaran, General Manager.





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30-07-2015

The Principal E.G.S. Pillay Engineering College Nagapattinam – 611 002

Sir

Тο

Sub: Six (6) days training on LabVIEW to students for a batch of 25 students and 5 faculties Ref: Purchase order : EGSPEC / VI Solution / 2015, dated on 23-06-2015

Greetings from National Instruments!

Thank you for your valuable order placed to VI Solutions, Hosur towards the procurement of NI USRP Software Defined Radio Hardware platform. As per our commitment made against the purchase, we hereby assure that Six (6) days of intensive training will be provided free of cost to 25 students and 5 faculties at EGSPEC campus as mutual agreed dates. Kindly inform us atleast four weeks in advance to plan the resources accordingly.

Kindly consider this as our commitment and request you to release the payment of Rs. 4,25,508 to VI Solutions at the earliest

Thanking you and assuring you the best of our services at all the times

For NI SYSTEMS INDIA (P) LIMITED

Authorized Signatory



AND

E.G.S Pillay Engineering College, Old Nagore Road, Nagapattinam District – 611 002, hereinafter called the party of the second part represented by Dr.S.Ramabalan, Principal, E.G.S Pillay Engineering College hereinafter called the party of the second part.

1. PREAMBLE

E.G.S Pillay Engineering College, Old Nagore Road, Nagapattinam District – 611 002 offers Under Graduate Programmes and Post Graduate Programmes in the Engineering stream. The Institute is promoting research activities apart from imparting quality education to students from across the nation E.G.S Pillay Engineering College is deeply concerned with the commitment of quality education by creating and promoting interaction with industries and research organizations to provide up to date training and knowledge to the faculty and students.

NI has worked with engineers and scientists to provide answers to the most challenging questions. Through these pursuits, NI customers have brought hundreds of thousands of products to market, overcome innumerable technological roadblocks, and engineered a better life for us all NI works with the innovators of the world to develop smarter products and technologies. In this example, see how FireFly Equipment used the NI CompactRIO platform to save hundreds of thousands of dollars in development time and simplify the complexity of an extremely advanced smart machine NI provides its customers with powerful, intuitive technology to create systems that improve the world and address the engineering challenges of today, as well as those yet to come.

& anno



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2. PURPOSE

The purpose of the memorandum of understanding is to ensure Research and Development co-operation between E.G.S Pillay Engineering College and NI, Bangalore is to share the knowledge and skills available in both organizations. This Memorandum of Understanding will also take up joint Consulting and Projects to the institution.

2.1. Training

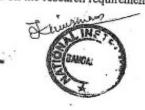
NI, Bangalore will offer Industrial Visits, Inplant training, Internships and project training for the students of Bachelors of Engineering (Electrical & Electronics Engineering) of E.G.SPillay Engineering College. The charges for the training will be mutually decided by both the parties at early once. Two staff members will be trained for every year from VI Microsystems, Chennaion the above said trainings.

Three days of free training will be provided at the site of NI, Bangalore for the outgoing students of E.G.S Pillay Engineering College on the latest technologies available in project hardwares. The students should obtain a bonafide certificate from the college for availing this offer.

2.2. Sponsored Projects

Apart from providing training to the students, NI, Bangalore shall sponsor projects like designing of electrical drives, embedded systems etc., to the Department of Electrical & Electronics Engineering, E.G.S Pillay Engineering College based on the research requirements of

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6. TERMINATION

Either party may terminate the present Memorandum of Understanding by giving three months written notices to the other party. The obligation on the parties under the terms of their Memorandum of Understanding shall be fulfilled within three months notice period. The final obligation between the parties will also be settled within the notice period.

7. ENTRY INTO THE FORCE

The present Memorandum of Understanding, being concluded in a spirit of friendly and increased co-operation shall come into force on it signature by Dr.S. Ramabalan, Principal, E.G.S Pillay Engineering College, Old Nagore Road, Nagapattinam District – 611 002, and by Mr. K.Visveswaran, General Manager.National Instruments, Bangalore., 75, Electronics Estate, Perungudi, Chennai-600096.

This Memorandum of Understanding shall come into effect from 6th March, 2014onwards:

ON BEHALF OF

E.G.S Pillay Engineering College

Nagapattinam

PRINCIP.

ON BEHALF OF

National Instruments, Bangalore

GENERAL MANAGER GENERAL MANAGER NATIONAL INSTRUMENTS BANGALORE