### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

1.1.2. Additional information related to Certification Programs

### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

# **Academic Year**

2018 - 2019



MoU with "TISS" on "National **University Students' Skill Development (NUSSD)**" **Programme** 





**●** 2017 **●** 

SL 089519

MEMORANDUM OF UNDERSTANDING (MOU) BETWEEN

TATA INSTITUTE OF SOCIAL SCIENCES, MUMBAI AND FR. C. RODRIGUES INSTITUTE OF TECHNOLOGY

ON

NATIONAL UNIVERSITY STUDENTS' SKILL DEVELOPMENT (NUSSD) PROGRAMME

NUSSO-TISS

Fr C Rodrigues Institute of Technology



THIS MEMORANDUM of UNDERSTANDING (MOU) is made at Mumbai and entered into on 12th of September, in the year 2017

### BY AND BETWEEN

Tata Institute of Social Sciences (herein after referred to as "TISS"), a Deemed University under section 3 of the University Grants Commission Act (UGC) of India, 1956, is a premier institute in India in social sciences, human development and public policy, having its main campus at V.N. Purav Marg, Deonar, Mumbai-400088, herein referred to as 'PARTY ONE';

### AND

Fr. C. Rodrigues Institute of Technology (hereinafter referred to as "Fr. C.R.I.T."), a leading engineering college affiliated to the University of Mumbai, having its main campus at Agnel Technical Education Complex, Sector-9A, Vashi, Navi Mumbai- 400703, hereinafter referred to as 'PARTY TWO';

TISS and Fr. C.R.I.T. shall herein after collectively be called "the parties" and individually as "the party".

## 1. STATEMENT OF PURPOSE

The employability of India's university graduates continues to remain weak even while there is an acute shortage of skilled manpower in an increasing number of high demand sectors. The youth is thus disillusioned about job opportunities post their studies. Though they have educational degrees, they lack the skills and the experience to get employed.

Skilling youth to enhance their employability and enabling them to be effective contributors to the nation's growth and development assumes paramount importance in the current context.

The Tata Institute of Social Sciences has been working to reach the youth through an innovative programme called 'National University Students' Skill Development (NUSSD)' for the same purpose. The aim is to enable the youth enrolled in the various degree programs in Colleges and Universities in India to acquire skills that would give them a certificate/diploma in a specific high demand domain area in addition to their degree. Students will be introduced to

SECTOR SA. PECHNOLOGICAL STURMS OF S

Fr C Rodrigues Institute of Technology

2

holistic education which encompasses components of employment oriented training, exposure to community services, life skills training and civic education to fulfill the changing requirement of higher education and thereby bringing about vocationalization of higher education. Eventually, this programme is poised to cover all youth in the university system wanting to enhance their employment potential by gaining skills along with a graduate degree in their chosen discipline

# 2. PROGRAMME BACKGROUND

The National University Students' Skill Development (NUSSD) Programme is a unique initiative on skill development designed and undertaken by the Tata Institute of Social Sciences (TISS). The programme was initiated in 2013 in collaboration with Ministry of Youth Affairs and Sports, Government of India (GoI) and National Skill Development Agency (NSDA), GoI to enable graduating youth acquire employable skills while pursuing their graduation or post-graduation so that they are job-ready as and when they pass out from the colleges. After completion of a successful pilot in 34 colleges of 11 Universities, spread across 9 States, the programme is being implemented across 120 colleges, including Engineering and Management colleges. Currently, the programme covers a student population of more than 20000, spread across several states in the country.

NUSSD offers Certificate Programme in 'Management and Soft Skills' for students who are pursuing their Engineering and Management and a skill-linked domain courses leading to a Diploma (e.g. Diploma in Entrepreneurship) in parallel to their regular coursework. The classes are held in the participating College or University and the programme is designed on a schedule that minimizes disruption of work and personal pursuits of participating students.

# 3. OBJECTIVES OF THE PROGRAMME

The NUSSD programme aims at:

1. Enhancing employability skills of students to have a suitable career option after graduation.

3

NUSSO-TISS



Fr C Rodrigues Institute of Technology

1 200

- 2. Develop skills, competencies and knowledge to intervene in an equal and sustainable manner in the social and economic development of people.
- 3. Foster socially conscious students grounded in respect for people and concerned about the welfare of others.

## 4. NUSSD COURSE STRUCTURE

NUSSD courses are developed by premier institutions/domain experts and subjected to scrutiny by accreditation bodies. Each course is reviewed by an expert committee on regular basis to incorporate and update the recent developments and changing requirements of the industry. All courses are approved by the Academic Council of the Tata Institute of Social Sciences.

The NUSSD courses are built on the existing academic structure and add elements to enhance employability and build capacity to address key regional challenges and opportunities.

## (i) Course Curriculum Details

- Credits earned
  - √ Foundation Course (20 credits)
  - ✓ Domain Certificate Course (Foundation + 20 credits)
  - ✓ Domain Diploma (Domain Certificate course + 20 credits)
- Curriculum Development Expert Group and Accreditation
  - ✓ Group of Skill Area Specialization Experts drawn from academia, government and industry in each of skill areas as well as competencies, develop curriculum in specific specializations.
  - ✓ The expert group evolves criteria for course delivery, assessment and accreditation.
  - ✓ The Course is accredited by the Academic Council of the Tata Institute of Social Sciences (TISS).

Fr C Rodrigues Institute of Technology

1 2 8

# (ii) Course Design

- NUSSD Courses are designed as modular, interlinked and iterative manner; cumulatively building knowledge, skills, and competencies administered through classes and field work.
- The course credits are spread over the years of graduation; and in each semester, the students will gain 5 credits of taught courses (lectures and tutorials) followed by 15 to 30 days of Field work / Internship in appropriate work location (for 4 credits).
- Field work / internship in urban / rural contexts in community and industrial set up are organized during holiday /vacation for 15 days in winter and 30 to 45 days in summer to gain hands on practical experience.
- During the training, students will be introduced to the purpose of NUSSD programme and need of skill development through a series of interactive sessions at the university and its affiliated colleges.

## (iii) Foundation skills for professional competencies

All students enrolled for NUSSD will gain competency in following areas -(Compulsory Foundation Courses for professional competencies):

# Foundation Courses (Phase 1) - <u>Certificate in Management and Soft</u> Skills

- 1. English Communication
- 2. Youth Leadership and People Skills
- 3. Analytical Skills
- 4. Legal Literacy
- 5. Financial Literacy
- 6. Introduction to Entrepreneurship
- 7. Digital Literacy
- 8. Employability Skills

Competency in digital application would be integral part of gaining competency in other modules; and subsequent skill development process.

SECTOR SALECHINOCO

Fr C Rodrigues Institute of Technology

D.

The students pursuing 3<sup>rd</sup> Year can opt for foundation course or Domain course parallel to their academic year.

## (iv) Domain Specific Training

## Domain Courses (Phase 2) - Certificate/Diploma in Specific Domain

These are specializations offered over a period of 2 to 3 years to students, beginning with the second year of their undergraduate studies. They are put through comprehensive and rigorous training in the domain that they choose so that they develop expertise in the domain. The objective is also to help increase their employability in the chosen domain.

Indicative lists of courses are given below. The skill domain courses are provided on demand in the participating colleges.

- Diploma in Digital Marketing
- Diploma in Entrepreneurship
- Diploma in Counseling
- Diploma in Sustainable Agriculture
- Diploma in Hospital Service Management
- Diploma in Physician Assistant
- Diploma in Travel and Tourism
- Diploma in Banking and Financial Services Management
- Diploma in Retail Management
- Diploma in Supply Chain Management

A number of other domain areas will be added as per the regional requirements and employment opportunities at different locations.

## (v) Training Methodology

 From the catchment area of the College, a pool of experts from academia, industry, government, autonomous bodies and civil society are identified,

SECTION 9A TECHNOLOGY SECTION 9A TECHNOLOGY SECTION 9A TECHNOLOGY SECTION 9A TECHNOLOGY SECTION SECTIO

Fr C Radrigues Institute of Technology

1

assessed on competencies and enrolled to deliver course modules including lectures, tutorials and field work. Enrollment of teachers and trainers is done for each of the domain areas, and specific modules. The payment of teachers and trainers for each of the domain areas will be made on hourly basis after the successful delivery of particular course as per the NUSSD provisions.

- From the pool of part-time teachers and trainers, key resource persons are being identified to teach and mentors students for each of the domain areas, and specific skills.
- Thus, a cohesive group of experts for each of the vocational education specialization is formed to deliver the course.
- NGOs and support agencies, industries and businesses are identified and enrolled to facilitate field work and internship. NGOs and support agencies may not be given financial compensation for the staff time provided.

## 5. CERTIFICATION

On successful completion of the programme, students will receive certification from the National University Students' Skill Development Programme of TISS.

Certification by the NUSSD-TISS may also carry the name of industry/academic partner to ensure that there is industry recognition to enhance employability of the graduates both locally and nationally.

- 'Certificate in Management and Soft Skills' in awarded to the students who successfully complete all the modules of the foundation course
- 'Certificate in <Domain Name>' is awarded to students who successfully complete the domain certificate course (Level 1) in the specific domain. For e.g. 'Certificate in Travel and Tourism' is awarded to students who complete the Travel and Tourism Certificate course
- 'Diploma in <Domain Name>' is awarded to students who successfully complete the domain diploma course (Level 2) in the specific domain. For e.g. 'Diploma in Travel and Tourism' is awarded to students who complete the Travel and Tourism Certificate course

SECTOR SATE TO SOLUTION OF COMMONO SECTION SATE ASSESSED.

Fr C Rodrigues Institute of Technology

D

### 6. OUTCOMES EXPECTED

It is expected that the successful implementation of NUSSD programme will enhance employability of the participants to a considerable level and enable them to gain certification which is recognized by Industry for skills and competencies, and will help in enhancing employability of the graduates both locally and nationally.

A good number of skilled graduates emerging as transformational leaders after the successful completion of the course. Eventually, the availability of skilled human resources will be in several million college graduates.

## 7. COLLABORATION AGREEMENT

The College and NUSSD-TISS agree to explore and assist in developing mechanisms that will serve to encourage and enhance cooperative work between the institutions in areas of mutual interest, such as delivery of NUSSD courses through a dynamic partnership.

The College shall provide all administrative and operational support to NUSSD programme by establishing an Office of NUSSD within the college campus. The roles and responsibilities of the parties are given below.

# 8. ROLES AND RESPONSIBILITES:

## A. TISS

- Designate a Programme Officer to manage the relationship with the participating college and deliver the NUSSD programme at the college. The Programme Officer is a TISS staff and is paid by NUSSD, TISS
- Identify and empanel a pool of trainers for each course. Organize Training of Trainers (ToT) programmes to orient the trainers on course content and pedagogy. The trainers are paid honorarium by NUSSD, TISS
- Develop and provide course curriculum and content for all the modules.
   Revise the course curriculum and content as and when required.

OF THE OF THE CHANGE OF THE CH

Fr C Rodrigues Institute of Technology

20

Į

iv. Work with the college to prepare a training calendar. It is designed on a schedule that minimizes disruption of regular works at the college and personal pursuits of students.

v. Deliver the training at the college as per the agreed training schedule.

vi. Conduct assessment

vii. Certify students

viii. Monitoring and evaluation of the programme

ix. Develop and establish a feedback mechanism to receive feedback from all stakeholders, including the students to improve the quality of the programme in the days to come.

 Connect with local Industry through the network of the college to identify opportunities for fieldwork, internship for students

## B. Fr. C.R.I.T.

Designate a senior faculty member of the college as NUSSD Convener.
The NUSSD-Convener will co-lead the NUSSD programme delivery
process with the NUSSD Programme Management team. It is the
responsibility of the Convener to work with the Program Officer for the
smooth implementation of the programme.

 Ensure the enrolment of a good number of students in NUSSD programme in the college through advocacy and counseling.

- Help identify potential trainers and share their profiles with NUSSD, TISS
- May advice in-house trainers to attend Training of Trainers (ToT) programme at NUSSD, TISS.

 Ensure allocation of required number of hours for NUSSD in the college academic time table for smooth delivery of the programme.

- Provide infrastructure facilities including Class rooms, Computer lab,
   Projector, Seminar Halls / Auditorium to conduct NUSSD programmes
- Provide office space to the Programme Officer to operate smoothly from the college.

THE OF THE OF THE OWN STATE OWN STATE OF THE OWN STATE OF

Fr C Radrigues Institute of Technology

NUSSD-TISS

# 9. FINANCIAL IMPLICATIONS

NUSSD-TISS will charge course fee to students, thereby making the programme self-sustaining.

The course fee collected from the students will be remitted to NUSSD-TISS.

# For Certificate in Management and Soft Skill

Rupees
7200
500
250
7950

# Domain Programmes:

Cost per student	Rupees			
Tuition Fee for each Level	12000			
(2 Levels)				
Level 1 – Certificate				
Level 2 - Diploma				
Materials	1200			
Administrative fees	1000			
Total per year	14200			

The fees may increase year on year based on mutual agreement between the

10

PARTIES

NUSSD-TISS

Fr C Radrigues Institute of Technology



# 10. DURATION / TERM OF THE MOU

This MoU shall be valid for three years from the date of its entering into and may be mutually extended by the parties from time to time.

# 11. CHANGES / AMMENDMENTS

No change should be made to this MoU without written consent and signed approval from both the parties. Additions/deletions or alterations to this MoU may be effected with the prior written notice and approval concerning the particular change. Documents containing such additions, deletions and/or alterations should be signed by both the Parties and shall form addenda to this MoU, and be deemed to be part of this MoU.

## 12. TERMINATION

This MoU can be recommended for termination by the parties after serving 6 (six) months' notice in writing if there is failure/ breach of understanding or default by either party other than on force majeure grounds. However based on unsatisfactory performance and or other reasons TISS-NUSSD may terminate or amend any of the understanding as stated above.

This MOU shall be effective upon the signature of Parties through their authorized officials. It shall be in force from 12th September 2017.

11

Principal/Managing Sirector

Fr. C.R.I.T

NUSSO-TISS

Director / Registrar

TATA INSTITUTE OF SOCIAL SCIENCES, MUMBAI

Fr C Rodrigues Institute of Technology

b

2 P

### Appendix 1

# Roles and responsibilities of the College Convener For TISS NUSSD Programme

Objective: To increase efficiency of NUSSD Programme in the college and to create an enabling environment for successful completion of the programme by a maximum number of students to reach the goal of shaping the character of students, building their competencies and making them employable to attain successful career in their chosen field.

Convener would act as a nodal person between college and NUSSD Team

- 1. Motivating students to join skill development programme of NUSSD
- Facilitating the admission of students to the NUSSD Programme.
- Planning and scheduling NUSSD programme in the University/College calendar for the successful implementation of its classes.
- Coordinating with the Principal and other faculty/staff members for the smooth running of the Programme.
- 5. Arranging infrastructure facilities for the NUSSD Programme.
- Help the TISS Program Officer monitor and maintain the attendance of daily classes and activities. It will be the responsibility of the TISS Program Officer to update the attendance sheets regularly.
- 7. Motivating students to attend classes regularly.
- Informing the Program Officer of any changes in academic calendar for the smooth functioning of the programme.
- Supporting NUSSD Team to identify trainers for all the courses.
- 10. Taking feedback from the students with the help of the Program Officer

Fr C Rodrigues Institute of Technology

12

NUSSO-TISS

- Preparing a weekly report on the programme including any challenges faced and any innovation required for the evolution of the programme.
- Facilitating the collection of fees from the students and the distribution of workbooks.
- Supporting NUSSD Programme Officer in day to day implementation of the programme
- 14. Constitute a students' core committee with the help of PO-NUSSD and a working group committee which consists of HoDs of all the stream, NSS coordinator, convener, Principal, NUSSD PO and NUSSD PM.
- Organize a weekly meeting with students' core committee and monthly meeting with working group and prepare a report.



Fr C Rodrigues Institute of Technology





## Appendix 2

# Designate as the College Convener For TISS NUSSD Programme

То,									
We	are	pleased	designate	as	the	College to	Convener	for	the

The responsibilities as the College Convener are as follows:

Convener would act as a nodal person between college and NUSSD Team

- 1. Motivating students to join skill development programme of NUSSD
- Facilitating the admission of students to the NUSSD Programme.
- Planning and scheduling NUSSD programme in the University/College calendar for the successful implementation of its classes.
- Coordinating with the Principal and other faculty/staff members for the smooth running of the Programme.
- 5. Arranging infrastructure facilities for the NUSSD Programme.
- Help the TISS Program officer monitor and maintain the attendance of daily classes and activities. It will be the responsibility of the TISS Program Officer to update the attendance sheets regularly.

14

Motivating students to attend classes regularly.

NUSSO TISS



Fr C Rodrigues Institute of Technology

0

1 2

- Informing the Program Officer of any changes in academic calendar for the smooth functioning of the programme.
- 9. Supporting NUSSD Team to identify trainers for all the courses.
- 10. Taking feedback from the students with the help of the Program Officer
- Preparing a weekly report on the programme including any challenges faced and any innovation required for the evolution of the programme.
- Facilitating the collection of fees from the students and the distribution of workbooks.
- Supporting NUSSD Programme Officer in day to day implementation of the programme.
- Constitute a students' core committee with the help of PO-NUSSD and a working group committee which consists of HoDs of all the stream, NSS coordinator, convener, Principal, NUSSD PO and NUSSD PM.
- 15. Organize a weekly meeting with students' core committee and monthly meeting with working group and prepare a report.

TISS - NUSSD and the College Principal reserves the right to extend or terminate this appointment based on your performance as the College Convenor.

Principal

Fr. C.R.I.T

Director

NUSSD-TISS



Fr C Rodrigues Institute of Technology

N 2, 8

I hereby accept my appointment as the College convener along with the terms, conditions and responsibilities that are associated to the position of College Convener. I promise to deliver my best effort in this position.

<Appointee Name>



Fr C Rodrigues Institute of Technology

1. 20

### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

# **Academic Year**

2017 - 2018

### Agnel Charities'



# MoU with "WE CAN EDUCATIONAL ORGANIZATION" on "Embedded Systems Designing" Programme





TB 486688

# Memorandum of Understanding

For Academic Alliance to conduct Embedded System Designing Workshop Program

This Memorandum of Understanding is entered into this 20 th day of April, 2018 between WE GAN EDUCATIONAL ORGANIZATION —A Company incorporated under the provisions of the companies Act 1956, having its registered office at 7, Swami Krupa, Dr SS Rao Road Dalbaug, Mumbai 400012, represented by Gaurav Singh as CEO, WE CAN EDUCATIONAL ORGANIZATION, herein after referred to as "WCE", which expression shall wherever the context so require, mean and include it's successors in interest and permitted assigns of the one part AND The Managing Director, Fr. C. Rodrigues Institute of Technology a division of Agnel Technical Education Complex, Vashi an established engineering college offering Technology equication from its campus situated at Sector 9-A, Vashi, Navi Mumbai, Maharashtra 400703,approved by the All India Council for Technical Education, New Delhi and recognized

by the Govt. of Maharashtra, affiliated to the Mumbai University, represented by Rev. Fr. Dr. Ivon Almeida as Assistant Managing Director (AMD), hereinafter called "Fr.C.R.I.T." which expression shall, unless repugnant to the context or meaning thereof, include its successors, assignees, executors, administrators on the other hand.

#### WHEREAS-

- a) WCE offers solutions & training in the field of Embedded System Design and provide technical support as well as training to Industries and Institutions.
- b) WCE has developed/acquired technical know-how & expertise including the training resources material required in imparting education in the professional courses.
- e) WCE would conduct technology workshops/trainings as per Fr.C.R.I.T.'s requirement with-in their campus, for students of Fr.C.R.I.T.
- d) Being desirous of providing training to young Engineering students studying at Fr.C.R.I.T, through a compact workshop, both parties has agreed to enter into an Academic Alliance agreement.
- e) WCE will ensure the availability of course contents and necessary tools (wherever agreed upon and required as per the course) for knowledge sharing.

**THEREFORE**, in consideration of the forgoing and the mutual covenants herein, the parties being desirous of reducing their arrangements in writing, have entered into this Memorandum of Understanding in the manner hereinafter appearing.

#### HENCE NOW THIS DOCUMENT WITNESSES AS FOLLOWS

The overall arrangement and this MOU between the parties involves protection of the rights and ownership of the technical know-how, information, and copyright of the WCE or any other party who have given similar rights to the WCE in to the training Resources Material supplied to Fr.C.R.I.T. for the conduct of the course.

Without prejudice to other obligations under this agreement, both parties thereby expressly agree with and undertake as under:

- To comply with all the conditions of this agreement, both in letter and in spirit.
- To ensure that nothing is done by any party which may affect the reputation of the other party in the field of professional training or any other profession.
- To maintain records of the course, in such format and manner as required.

Page 1 of 5

gy!

Spor

## I. GENERAL OBLIGATIONS OF THE WCE

- 1.1 WCE shall offer short term training workshops within the college premises to the students of the college, workshop beginning with Embedded System Design.
- 1.2 WCE shall be responsible for implementing the training in Embedded System Design as per the mutual consent at Fr.C.R.I.T. premises subject to mutually convenient time table for different batches.
- 1.3 WCE shall make available advertising & Promotional Material to Fr.C.R.I.T. for display on the notice board for the benefit of the interested students.
- 1.4 WCE shall provide the receipt of the fees to each student upon getting the details along with the fee collected from Fr.C.R.I.T.
- 1.5 WCE shall design the student support kit as study material of courseware to be distributed to each participant against the total course fee.
- 1.6 WCE shall Supply the Training Resource Material including courseware and any other relevant material or information a required for the smooth conduct of the training course.
- 1-7 WCE shall provide free training to two EXTC department teachers along with two complementary Student Support Kit to Fr.C.R.I.T. for the use in the labs.
- 1.8 WCE shall, in accordance with the convenient time schedule provided by Fr.C.R.I.T., arrange for training sessions by deputing the faculty/ support staff at Fr.C.R.I.T.
- 1.9 WCE shall arrange all the material to conduct practical Training including tools, components, and relevant software like simulators, Drivers, debuggers etc. for the smooth conduct of the course.
- 1.10 Upon completion of the course, WCE shall provide Participation certificate to each student.
- 1.11 The course content delivered by WCE would be the sole proprietary of WCE and will not be distributed among unauthorized students OR misused by Fr.C.R.I.T. The Fr.C.R.I.T. agrees to take prior written permission from WCE before distributing or using any proprietary content of WCE.
- 1.12 All travel (long distance and local), stay and food expenses will be borne by WCE only.
- 1.13 The batch size for each workshop / training will be minimum 25 and maximum 35. However, this may vary, depending upon the training requirements and/or as mutually discussed and agreed upon by WCE and Fr.C.R.I.T.

Page 2 of 5

Get.

Pero

### II. GENERAL OBLIGATIONS OF THE COLLEGE

- 2.1 Fr. C.R.I.T. shall provide all the basic facilities like Classroom and Laboratory, projector, white board, markers, furniture, fixtures etc. as per the batch size and shall make sure that all hardware equipment and software has been installed and are operational before the commencement of the Course.
- 2.2 Fr. C.R.I.T. shall depute a person as a single point of contact for students for registrations and fee collection from the students for the Workshop Program.
- 2.3 Fr. C.R.1.T. shall publicize the course/s in the best possible manner within its campus.
- 2.4 Fr. C.R.I.T. shall maintain all records pertaining to student fee collection, revenue share and other relevant information.
- 2.5 Fr. C.R.I.T. shall hand over all the details pertaining to registrations to WCE before beginning the training Programme.
- 2.6 Fr. C.R.I.T. shall not use the services, material, and information for any other purpose during or after the said course as per this agreement.
- 2.7 Fr. C.R.I.T. shall ensure the co-coordinator for general support.
- 2.8 Fr. C.R.I.T. shall be responsible for all its employees, including but not limited to the Staff and the Faculty Members, agents and contractors including for their compliance with the terms of this Agreement.
- 2.9 Fr. C.R.I.T. shall make all possible efforts to protect the Intellectual Property of the WCE and of third parties whose material may be used including course material, software, and delivery systems in use, against any form of misuse or infringement. Such an act shall lead to the breach of the MoU and the MoU shall stand terminated.

### III. FEE & PAYMENTS

### WORKSHOP PROGRAM

- 3.1 Fees amount of WCE for the course may not be standard for all courses / all modules and will be decided asper the discussion and agreement between WCE and F.C.R.I.T.
- 3.2 Fees for Course will be Rs. 5400/- (including tax) per student. Fr.C.R.I.T. shall collect the total fee of Rs. 5400/- per student including the tuition fee and the support kit charges for the TRAINING PROGRAM of 37-40 hours (10 days)duration. The fees shall be collected by "Fr. C.R.I.T." (Course Contents have been included in the Appendix)

Page 3 of 6

gy!

Stroo

- 3.3 WCE shall receive the confirmation of workshop along with the list of participating students and teacher at least 7working days before the starting date of the training program.
- 3.4 Out of students fees collected applicable tax part will be deducted at source. WCE shall receive the 70% of the remaining fees from Fr. C.R.I.T.

(Please Note the Course Fees would be Rs. 5400/- where Rs. 4576 /- would be the actual cost of the course and Rs. 874 would the tax (@18 %) WCE will receive and 70 % of course fees: Rs. 3200 /- and Fr. C.R.I.T would receive 30 % of the Course fees: Rs.1376.

3.5 F.C.R.I.T will pay 50% of the course fees on the first day of the course and rest 50% before the end of the course subject to total collection of fees. The payment will be made only by a DD/cheque in favor of "WE CAN EDUCATION "payable at Delhi. WCE shall issue final receipt of the amount received.

#### IV. GENERAL PROVISIONS

- 4.1 WCE shall provide similar compact training programs on other evolving technologies from time to time under the purview of this MoU subject to a dialogue and mutual consent on
- Financials and keeping other terms of the MoU constant.
- 4e2 The terms of this MoU excepting the term (III) shall continue to remain in force, for all training programmes to be offered at college campus by WCE, for a period of 2 (TWO) years and shall stand automatically renewed upon its expiry by the exchange of a simple letter of consent for the same.
- 4.3 In case of any differences or dissatisfaction due to whatever reason, both parties shall amicably sort out the same with dialogue. Failing which, both parties shall have a right to terminate the MoU by issuing a clear ONE month's written notice to the other party.
- 4.4 In case any party serves a notice to other party as above, WCE shall cease to admit any further registrations for any programmes already announced and shall make all efforts to complete the training and other obligations for all existing registered participants.
- 4.5 Either party may request changes to this MOU. Any changes, modifications, revisions or amendments to this MOU which are mutually agreed upon by and between the parties to this MOU shall be incorporated by a written instrument, and effective when accepted by both the parties.
- 4.6 The construction, interpretation and enforcement of this MOU shall be governed by the laws of the Government of India. The courts of New Delhi, alone shall have jurisdiction over any action arising out of this MOU and over the parties.

· Page 4 of 6

Gyl.



4.7 FCRIT further acknowledges and agrees that no representation or warranty, express or implied, is or will be made, and no responsibility or liability is or will be accepted by WCE, or by any of its respective directors, officers, employees, agents or advisors, as to, or in relation to, the accuracy of completeness of any proprietary information made available to FCRIT or its advisors or its students; it is responsible for making its own evaluation of such proprietary information.

FCRIT further acknowledges and agrees that the liability of 'WCE' would be restricted to the extent of delivering Course Content only and not beyond that.

IN WITNESS WHEREOF, each party hereto has executed this Agreement as of the day and year first above written.

For and on behalf of

WE CAN EDUCATION

(Gaurat Singh) Partner

Witnesses:

Sign: 85

Name: Dr. Milind 5-Shal

We can Education 6, Ramashraya CHS., Sector - 19, Plot - 21, Nerul (East). For and on behalf of

Fr. C. Rodrigues Institute of Technology

(Rev. Fr. Ivon Almeida)
Assistant Managing Director,
Agnel Technical Education Complex, Vashi

ASST. DIRECTOR

AGNEL TECHNICAL EDUCATION COMPLEX, SECTOR - 9/A, VASHI, NAVI MUMBAI - 400 703.

arne: Ar S. M. Khot



# Appendix

Course Content:

Session 1

Introduction to Embedded systems

Introduction to various communication protocols

Session 2

Introduction to 1st platform (basic controller)

Session 3

Interfacing Temperature Sensor

Interfacing Ultrasonic sensor: https://doi.org/10.100/10.100/

Session 4

Interfacing LCD Screen

Interfacing Buzzer

Session 5

Introduction of MBED Platform (Advanced platform)

Setting up Account on online platform

Session 6

Interfacing Matrix Keypad with LCD

Test 1 - Theory test

Session 7

Interfacing Light intensity Sensor

Interfacing Capacitive Touch

Session 8

Interfacing Passive Infrared Sensor

Introducing Cloud Computing

Session 9

Building Drone from the scratch

Flying session with Drones

Session 10

Test 2 - Practical exam

Technical seminar with Industry Expert.

### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

# **Academic Year**

2016 - 2017

### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

MoU with "GITTS" on "Certified Ethical Hacking" Programme

### MEMORANDUM OF UNDERSTANDING

THIS Memorandum of Understanding ("MoU") is made as of November 14, 2016 ("Effective Date")

### Between:

 Fr.C.Rodrigues Institute of Technology (FCRIT), Vashi, Mumbai -400703. Maharashtra, India. (Hereinafter collectively referred as "FCRIT" which expression unless it be repugnant to the subject or its context includes their successors and assigns of the FIRST PART) which is the accredited academic institution.

#### AND

2. GNU IT Solutions & Services Pvt. Ltd. (GITSS) | GNUGroup | ILGLabs is a company incorporated in India and having its registered head office at Om Namah Shivay, Plot No. 243 Sector-1, Nerul, Navi Mumbai – 400706, Maharashtra, India, (Hereinafter called "GITSS" which expression unless it be repugnant to the subject or its context includes their successors and assigns) of the SECOND PART which is the accredited training center (ATC).

(FCRIT and GITSS are hereinafter individually referred to as "Party" and collectively referred to as "Parties")

This MoU is for conducting training programs and projects of cyber security offered by GITSS as per proposal and commercial offer submitted by them. Initial period of this MoU will be for I(one) year from the effective date and can be extended further for such period and on such terms and conditions as may be agreed between the parties.

The responsibilities, terms and conditions of the MoU are as follows:

## Role of GITSS:

- Digital courseware and training kits with one attempt exam voucher will be provided to all
  the students as per the course need and number of kits of courseware ordered.
- Work in coordination with college cyber security cell for conducting the security courses training within the campus in the lab of institute.
- Ensure smooth running of the operations, providing timely courseware, take feedback and report to coordinator on the progress.
- 4. Will help in project acquisition related to cyber security.

- 5. Ensure student satisfaction and completion of the course on time by feedback mechanism.
- 6. Bring in certification awareness seminars for all the students regardless of their branch.
- 7. Work towards getting corporate/industry interaction to facilitate knowledge on industry working.
- 8. Provide placement assistance depending upon the performance and the merit of the student.

# FCRIT responsibilities:

- 1. Provide infrastructure to conduct the theory and practical sessions.
- 2. Appoint a coordinator for the program to manage the tie-up, to function as a single point of contact
- 3. Provide dedicated time slot and/or full time during Sundays and holidays.
- 4. Help in conducting seminar to announce about value proposition of training and placement.

Revenue sharing for any of the training and certification courses will be on the basis of the separate agreement to be signed time to time between both FCRIT and GITSS on mutually agreed terms and conditions.

IN WITNESS WHEREOF, each of the Parties here to have caused this MoU to be executed by its duly authorized representative on the day first hereinabove written.

For FCRIT

Name-Dr. S.M.Khot

Principal

Fr.C.Rodrigues Institute of Technology Vashi, Mumbai-400 703, Maharashtra, India.

Witness:

[Dr.s.s. Thale]

(Prosent Base)

For GITSS

Name-Mr. Jagjit Phull

Director

Om Namah Shivay

Plot No. 243, Sector-1, Nerul

Navi Mumbai - 400706

Maharashtra, India

Witness: <u>Adagak</u> [Shweta R. Khandagale]

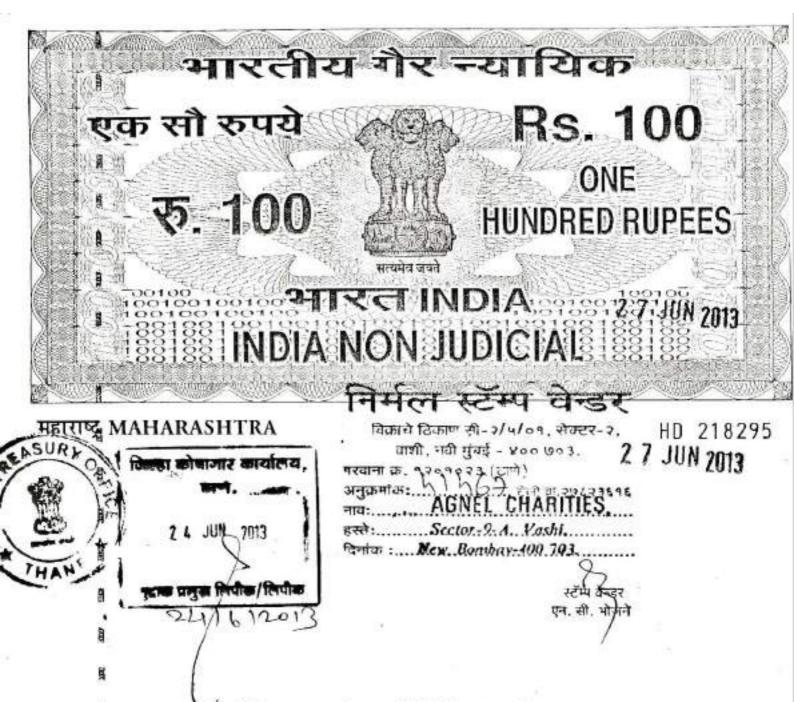
### Fr. C. Rodrigues Institute of Technology, Vashi, Navi Mumbai.

# **Academic Year**

2015 - 2016



MoU with "Gill Instruments (GI)" on "Embedded Systems Design on MSP 430" Programme



# Memorandum of Understanding

# For Academic Alliance to conduct MSP 430 Workshop Program

This Memorandum of Understanding is entered into this 14th day of August, 2013 between Gill Instituments (GI) —a Texas Instruments 3rd Party providing Design and Training services on MSP 430 Product Family (TI), a private limited company having its office at Plot No 110-0/1, Opp.Hotel Radha Regent, 1st Phase, Electronic City, Bangalore - 560100 represented by Mr. Gurject Gill, as Director hereinafter called "GI" which expression shall, unless repugnant to the context or meaning thereof, include its successors and assignces on the one hand AND The

Managing Director, Fr.C.Rodrigues Institute of Technology a division of Agnel Technical Education Complex, Vashi an established engineering college offering Technology education from its campus situated at Sector 9-A, Vashi, Navi Mumbai, represented by Rev. Fr. S. Almeida as Managing Director, hereinafter called "The College" which expression shall, unless repugnant to the context or meaning thereof, include its successors, assignees, executors, administrators on the other hand.

#### WHEREAS -

- a) GI Instruments offers solutions & training for product design in the field of Microcontroller and DSP based instrumentation, automotive controls, Wireless sensor Network and building automation. GI is engaged in manufacturing wide range of embedded system development tools based on Texas Instruments platform (MSP430) and provide technical support as well as training to Industries and Institutions.
- b) GI has developed/acquired technical know-how & expertise including the training resources material required in imparting education in the professional courses.
- c) Being desirous of providing MSP 430 training to young Engineering students studying at the college, through a compact workshop, both parties has agreed to enter into an Academic Alliance agreement.

**THEREFORE**, in consideration of the forgoing and the mutual covenants herein, the parties being desirous of reducing their arrangements in writing, have entered into this Memorandum of understanding in the manner hereinafter appearing.

### HENCE NOW THIS DOCUMENT WITNESSETH AS FOLLOWS

The overall arrangement and this MOU between the parties involves protection of the rights and ownership of the technical know-how, information, and copyright of the GI or any other party who have given similar rights to the GI in to the training Resources Material supplied to the college for the conduct of the course.

Without prejudice to other obligations under this agreement, both parties thereby expressly agree with and undertake as under:

- To comply with all the conditions of this agreement, both in letter and in spirit.
- To ensure that nothing is done by any party which may affect the reputation of the other party in the field of professional training or any other profession.
- To maintain records of the course, in such format and manner as required.

### GENERAL OBLIGATIONS OF THE GI

- 1.1 GI shall offer short term training workshops within the college premises to the students of the college, beginning with a MSP 430 Workshop.
- 1.2 GI shall be responsible for implementing the training in embedded system design and other technologies as per the mutual consent at the college premises subject to mutually convenient time table for different batches.
- 1.3 GI shall make available advertising & Promotional Material to the College for display on the notice board for the benefit of the interested students.
- 1.4 GI shall provide the receipt of the fees to each student upon getting the details along with the fee collected from the college.
- 1.5 The Faculty for the course shall be provided by GI.
- 1.6 GI shall design the Student support kit to be distributed to each participant against the total course fee which is inclusive of support material and courseware.
- 1.7 GI shall Supply the Training Resource Material including courseware and any other relevant material or information a required for the smooth conduct of the training course.
- 1.8 GI shall provide at least two complementary Student Support Kits to the college for the use in the labs.
- 1.9 GI shall, in accordance with the convenient time schedule provided by the college, arrange for training sessions by deputing the faculty/ support staff at the college.
- 1.10 GI shall arrange all the material to conduct practical Training including tools, components, and relevant software like simulators, Drivers, debuggers etc. for the smooth conduct of the course.
- 1.11 Upon completion of the course, GI shall provide Participation certificate to each student.

### GENERAL OBLIGATIONS OF THE COLLEGE

- 2.1 The College shall provide Furniture, Fixtures etc. as per the batch size and shall make sure that all hardware equipment and software has been installed and are operational before the commencement of the Course.
- 2.2 The College shall depute a person as a single point of contact for students for registrations and fee collection from the students for the MSP 430 Workshop Program.
- 2.3 The college shall publicize the course/s in the best possible manner within its campus.
- 2.4 The college shall maintain all records pertaining to student fee collection, revenue share and other relevant information.
- 2.5 The College shall hand over all the details pertaining to registrations along with fee to GI before beginning the training Programme.

- 2.6 The College shall not use the services, material, and information for any other purpose during or after the said course as per this agreement.
- 2.7 The college shall ensure that a responsible, qualified and trained representative is available to assist the training for the benefit of students.
- 2.8 The College shall be responsible for all its employees, including but not limited to the Staff and the Faculty Members, agents and contractors including for their compliance with the terms of this Agreement.
- 2.9 The College shall make all possible efforts to protect the Intellectual Property of the GI and of third parties whose material may be used including course material, software, and delivery systems in use, against any form of misuse or infringement. Such an act shall lead to the breach of the MoU and the MoU shall stand terminated.

### FEE & PAYMENTS

#### MSP 430 WORKSHOP PROGRAM

- 3.1 The College shall collect a total fee of Rs. 3,500/- per student and teacher including the tuition fee and the support kit charges for the MSP 430 WORKSHOP PROGRAM of 27 hours duration. The fee shall be collected in Cash or Cheque payable in the name of "Fr. C.R.I.T."
- 3.2 GI shall receive in advance the list of participating students and teachers before the starting date of the training program.
- 3.3 GI Shall receive the 90% of the total fee collected from the college before the end of the course by a DD in favor of "Gill Instruments Pvt. Ltd." payable at Bangalore. GI shall issue final receipt of the amount received. Remaining 10 % amount will be the share of Fr.C.R.I.T., Vashi.
- 3.4 In case of simultaneous multiple batches, the fee collected for all such batches shall be paid by the college to GI in advance.

#### GENERAL PROVISIONS

- 4.1 GI Shall provide similar compact training programs on other evolving technologies from time to time under the purview of this MoU subject to a dialogue and mutual consent on Financials and keeping other terms of the MoU constant.
- 4.2 The terms of this MoU excepting the term (3) shall continue to remain in force, for all training programmes to be offered at college campus by GI, for a period of 2 (TWO) years and shall stand automatically renewed upon its expiry by the exchange of a simple letter of consent for the same.

- In case of any differences or dissatisfaction due to whatever reason, both parties shall amicably sort out the same with dialogue. Failing which, both parties shall have a right to terminate the MoU by issuing a clear ONE month's written notice to the other party.
- 4.4 In case any party serves a notice to other party as above, GI shall cease to admit any further registrations for any programmes already announced and shall make all efforts to complete the training and other obligations for all existing registered participants.
- 4.5 In the event of such a termination of the agreement. GI shall, under no circumstance refund the fees collected from the participants.

IN WITNESS WHEREOF, each party hereto has executed this Agreement as of the day and year first above written.

For and on behalf of

Gill Instruments

For and on behalf of

Fr.C.Rodrigues Institute of Technology

(Gurjit Gill Singh)

Buil Sind

Director

(Rev. Fr.S Almeida)

Managing Director,

Agnel Technical Education Complex

Vashi.

Witnesses:

Sign:

SEL 8-13

Name: Dr. M. S. Shah