



SYNOPSIS

BORE WELL RESCUE ROBOT

*Rhydo*





The aim of this project is to give an innovative concept to handle the **bore well rescue operations quickly & safely** and also to inspect any type of leakage **in the pipe**. Normal operation of child rescue is done by using big machines along which involves large manpower. It takes more time to rescue a child from the bore well and to check any kind of irregularities in pipe. Variable **length wheeled mechanism** is employed in this design to go inside the pipe. The robot is made adaptive so that its legs can be set according to the pipeline dimensions. This structural design makes it possible to have the adaptation to the diameter of pipe and to have adjustable attractive force towards the walls of pipe. In this project, the **condition of trapped child is captured with wireless Camera** and monitored on PC. LM-35 Temperature Sensor is interfaced with PIC 16F877A **microcontroller to sense the temperature inside the bore well and send it to PC via a ZigBee module**. The microcontroller stores the sensed data and then does the transmission. The robot structure consists of **power supply, continuous rotation & normal servo motors**. The microcontroller controls these servo motors by providing desired pulse in its control pin. There are mainly two types of servo motors used. Functions include gripper, locomotion & size adaptation. The project is intended to **reduce the risk involved during the child rescue operation** by analyzing the situation and also to provide **an option to detect any leakage inside the pipe** if made water proof. This project also consists of a **Visual Basics Graphical User Interface (GUI)** which will be used to control the robot movements and also to control the hook.

**ZigBee is a wireless technology developed as an open global standard to address the unique needs of low-cost, low-**

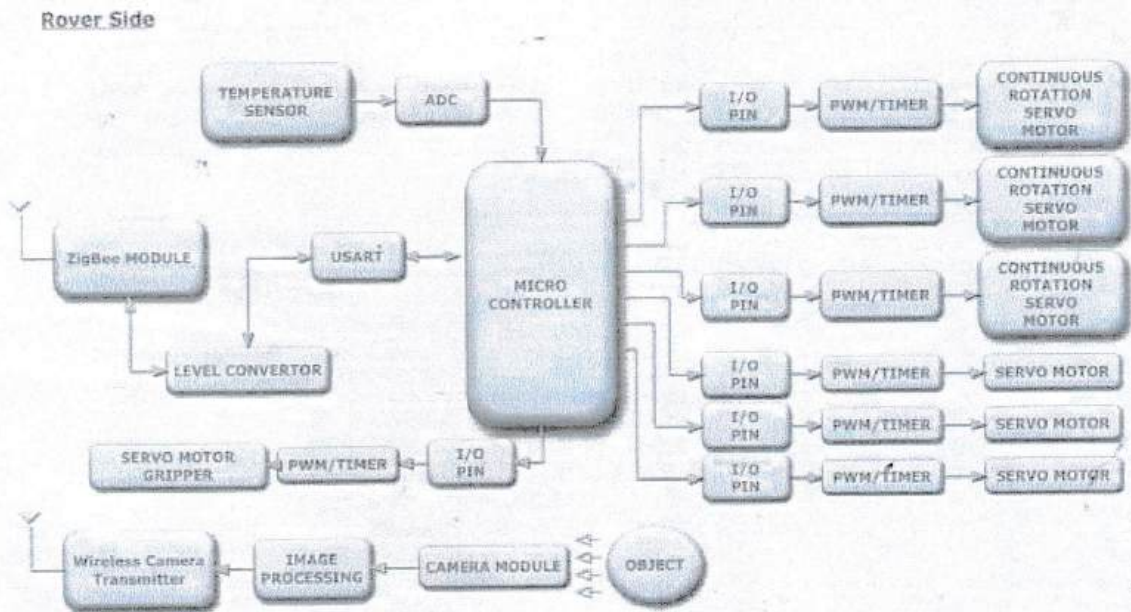


*Ricky*

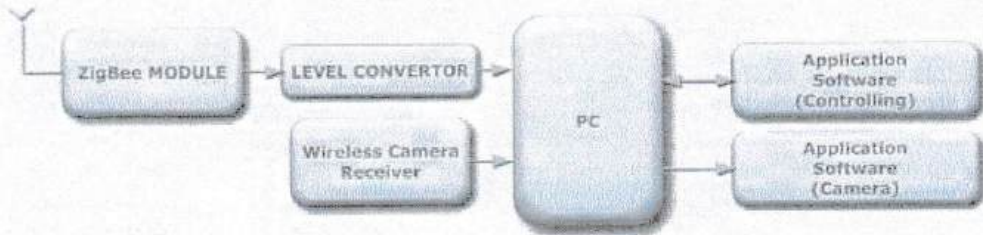
power, wireless sensor networks. The standard takes full advantage of the IEEE 802.15.4 physical radio specification and operates in unlicensed bands worldwide at the following frequencies: 2.400-2.484 GHz, 902-928 MHz and 868.0-868.6 MHz. The 802.15.4 specification was developed at the Institute of Electrical and Electronics Engineers (IEEE). The specification is a packet-based radio protocol that meets the needs of low-cost, battery-operated devices. The protocol allows devices to intercommunicate and be powered by batteries that last years instead of hours.

**BLOCK DIAGRAM**

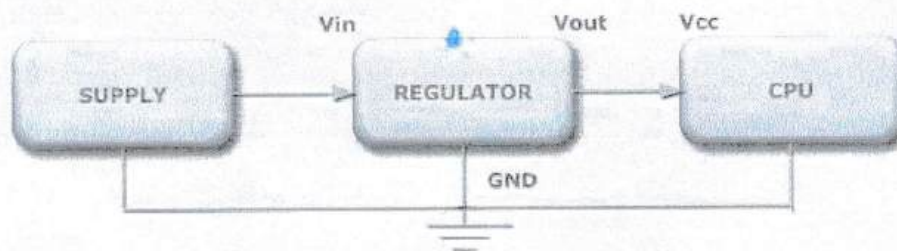
**BLOCK DIAGRAM:**



PC SIDE



POWER SUPPLY:



**SKILLS IMPLEMENTED**

- 1) Electronic circuit design, Schematic Design, PCB Design
- 2) Microcontroller programming using Assembly /Embedded C
- 3) Debugging skills
- 4) Interfacing with Wireless RF Camera
- 5) Interfacing Servo Motor
- 6) Interfacing with motor Driver
- 7) ZigBee protocol and its configuration
- 8) Visual basic
- 9) ZigBee Pairing

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Golden Plaza, Opp. Mymoon Theater, Chittoor Road, Cochin -682018, Kerala State, South India  
 Phone: +91-484-2370575/6/9, +91-484-3258390 E-mail: info@rhydo.com Visit: www.rhydo.com





10) Serial Communication Protocol Implementation

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# Holy Grace

## Academy of Engineering

(Approved by AICTE and affiliated to APJ Abdul Kalam Technological University)

Kuruvilassery P.O., Valiyaparambu  
Mala - 680732, Thrissur, Kerala, India  
Ph: 9495132890, 9496291647  
0480-2897900, 2695050, 2695053  
holygraceengg@gmail.com, www.holygraceengineering.com

Chief Mentor  
Mr. Jiji Thomson  
(Former Chief Secretary  
Government of Kerala)

Chief Advisor  
Dr.M. Abdul Salam  
(Former Vice Chancellor  
University of Calicut)

Chief Executive Officer  
Prof. K. Raveendranath  
(Former Pro-Vice Chancellor  
University of Calicut)

Ref: HE/IIP/005/2018

Date : 05-03-2018

To  
The Managing Director  
Rhydo Technologies Pvt. Ltd.  
Golden Plaza, Chittoor,  
Cochin 682018

Dear Sir,

Sub : Industry-Institute Partnership Cell

This has reference to the above, we require a relationship between our institution and industry under the guideline of AICTE.

The purpose of the cell is to identify the trends and expectations and prepare students for meeting the latest developments in the industry, and facilitate internships, organize seminar, workshop, expert talks and other training programs by experts.

So, we request you to provide an opportunity to make an industry partnership cell with you and execute MOU in this regard.

Thanking you

  
Sany Edattukaran  
Chairman



HOLY GRACE ACADEMY (CBSE SCHOOL)

ACADEMY OF MANAGEMENT STUDIES (MBA)



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sent to @

Proforma for submission of proposal under the scheme

### INDUSTRY INSTITUTE PARTNERSHIP CELL

The objective of the IIP Cell is to reduce the gap between industry expectations (practice) and academic offerings (theory) by direct involvement of industry to attain a symbiosis.

All the Stakeholders, namely: Institutions, Industry, Students and Society stand to gain as it can be a win-win partnership. The Institutions stand to gain by way of up to date curricula, source of revenue generation by consultancy and R & D, source of manpower for employment, societal relevance, and most importantly a acquisition of brand name/equity; industry stands to gain by way of availability of employable manpower pool, and increased productivity; faculty stand to gain by way of exposure to latest industry practices for more effective teaching-learning processes, etc; students stand to gain by way of hands-on training, reduction of learning curve in industrial practices; and, society stands to gain by way of improved quality of goods and services.

Name of the Institute	HOLY GRACE ACADEMY OF ENGINEERING, MALA
Address	KURUVILASSERY P O MALA, THRISSUR, 680735
Contact details	Email: holygraceengg@gmail.com Fax: 0480 2695051 Telephone: 0480 2897900
Permanent Id of the Institute	1-10043855
Application Id	1-3514967436

Technical Field of proposal : Robotics

Title of proposal : Rescue Robots.

Abstract : Document is attached



**Objectives - Specific objectives for proposed Industry Institute Partnership Cell**

To- Provide the students academic as well as Industrial experience during their graduation Period.

**Background/Current status of activities in the area**

Currently Students are Undergoing the base level projects.

**Present partnerships/tie ups with Industry/s or other organisation/s**

Name	Address	Website	Contact person, Email	Present activities, financial /other contributions
-	-	-	-	-
-	-	-	-	-

**Profile of proposed collaborating/participating Industry/s or other organisation/s**

Name	Address	Website	Contact person, Email	Role in current project	Proposed activities, financial /other contributions
-	-	-	-	-	-

**Budget Estimates - Non Recurring**

**Total Rs.**

Proposed equipment/activities	Specifications/details	Cost in Rs.	No. of units	Justification
-	-	-	-	-



## Budget Estimates -Recurring

Total Rs. 2,0,7000/-

Activities in	AMC	Consumables	Ptg/publication Office Exp	Travel, Stay & DA
Year 1	Rs. 40000/-	Rs. 10000/-	Rs. 3000/-	Rs. 50000/-
Year 2	Rs. 40000/-	Rs. 10000/-	Rs. 4000/-	Rs. 50000/-

## Details of Project Coordinator

Name	RENJITH R		
Exact designation	R&D ENGINEER	Date of joining	December 2015
Appointment Type	Permanent and Continuing	Scale of Appointment	
Department	EMBEDDED		
Qualifications	UG	PG Msc APPLIED ELECTRONICS	PhD
Experience in years	Teaching 3	Industry 3	Research
Relevant experience	3 Years 3 Months		
Other information			
Cell number	9349160503		
Email	support@rhyda.com		
Signature			



## Details of earlier grants awarded to the Institute

Scheme	Name of the coordinator	Amt sanctioned	Sanctioned letter details	Funds Utilisation position as on today	Utilisation Certificate details / Reason for non

						sub mis sio n of Utili sati onC ertifi cate
		NR	R			

By signing this certificate, I/We undertake to

- Abide by all the rules / regulations regarding utilization of amount that may be granted to the Institute .
- Submit timely progress reports about grant utilization.



- Submit utilization certificate duly authenticated by CA on/before project period is over.
- Return full/partial unutilized grant amount to the Council.

Project forwarded to AICTE

Date: 04-04-2018

Signature of Head of the Institution



**Important:**

For office use only:

	NR	
	R	
	R	
	R	
R		R
	Equip purchase	
	AMC	
	Consumables	
	Salary	
	Fellowship	
Travel, Stay & DA	Ptg & Stationery / office Exp	
HPC	Y	
	Y	
	Y	
	-	
Y		Y



**KELTRON**<sup>®</sup>

Kerala State Electronics Development Corporation Ltd.  
(A Govt. of Kerala Undertaking)

CIN: U74999KL1972SGC002450

**Head Office**

Keltron House, Vellayambalam,  
Trivandrum - 695 033

# KELTRON INDUSTRY INTERNSHIP PROGRAM

ELECTRICAL | ELECTRONICS | IT/SOFTWARE | MECHANICAL | CIVIL | INSTRUMENTATION



Attention  
**M.Tech**  
**B.Tech**  
**Diploma Students**

“Apply for internship  
at India's first and  
largest Electronic  
Corporation  
in the state sector”

## PROGRAM HIGHLIGHTS

Earn Keltron certification

Learn from industry experts

Exposure to current technologies

For more details

**Keltron Helpline**

+91 7558 041155

+91 7558 041166

+91 7558 041177

Registration Link:

<http://ksg.keltron.in/internshipform.php>

“Students who have completed their graduation can also apply”

KSG/028/04/2018\_A4\_C

KSG/M/INTRN/GEN/05-18/L002

02<sup>nd</sup> May, 2018

**TO WHOMSOEVER IT MAY CONCERN**

Dear Madam/Sir,

**SUB: Request to Depute the Students of Your Esteemed Institution for the Internship Training Programs Offered by KELTRON-Reg.**

Warm Greetings from K. S. E. D. C. Ltd. (KELTRON), a Government of Kerala Undertaking!

Kerala State Electronics Development Corporation Limited (KELTRON) was established in 1973 in the state sector as the first of its kind with a major corporate objective of overall development of Electronics Industry in the State. It has set up a chain of 39 Knowledge Centers all over the state with a view to establishing 'Centres of Excellence' in Information Science and Technology. KELTRON has more than 18 years' experience in the Technical Education Sector and we have been offering various job-oriented courses to the educated unemployed youth of Kerala with a vision to make them employable and Industry-Ready Professionals. Also, kindly note that KELTRON has been equipping the students, coming from weaker socio-economic background like Minority/SC/ST communities, with the essential skill sets to find a suitable job or self-employment with the grant-in aid support from the Central/State Governments.

KELTRON, being a part of the industry has the right feel of the requirements of the industry and has used this knowledge in designing programs for **Internship / Industrial Training in Computer Science / Information Technology/ Electrical / Electronics / Instrumentation/ Automation/ Mechanical/ Civil Engineering / other technical domains**. We wish to conduct the Internship programmes for the Kerala Technical University (KTU) / other university students at our premises, at nominal fee rate.

The objective of the Internship training offered by us is to

- Give exposure about the concepts of upcoming Technologies, the way industry is expanding by the virtue of it, and how important it is for the students to get aligned with it.
- Enhance the student's knowledge in the appropriate field, thus making them more employable and adapt them to the current market scenario.
- Give an industrial exposure to various ongoing projects at our manufacturing units

We are sure, the initiative taken by the KTU in moulding our Engineers by incorporating Internship Programmes as part of the curriculum shall definitely pave way to

- Cover essential aspects of technology as per the latest industry standards
- Update the Engineers with recent trends in technologies
- Provide a platform to bring an effective Industry – Institute Linkage
- Mould the engineers as industry relevant Engineers



The details of the internship programme can be obtained from our website: <http://ksg.keltron.in/internshipform.php> and it would be highly appreciated if you could instruct the students to register in this website.

In this context, we kindly request you to inform the students about this opportunity and arrange to depute them to KELTRON.

Kindly let us know, whether you have any further queries with regard to the Internship multi Domain areas. Please feel free to contact any one of the following officials in this regard.

1. Ms. Binda M B, Sr. Engineer, KSG/ITBG, Phone No: +91- 9496109806, +91- 9745024824, Email ID:- [binda@keltron.org](mailto:binda@keltron.org), [ksginternship@gmail.com](mailto:ksginternship@gmail.com)
2. Mr. Nelvin Tomy, Senior Project coordinator-Internship Programme, Phone No:+91-8606919311, +91-8592854442, Email ID:- [ksginternship@gmail.com](mailto:ksginternship@gmail.com)

We look forward to hearing from you soon and partner with you for a mutually beneficial & fruitful long term relationship.

Sincerely,  
For K. S. E. D. C. Ltd.



Ajayakumar C P  
Manager (Knowledge Services Group)



INTERNSHIP REGISTRATION : 755804117, 55



**RHYDO**

An ISO 9001:2008 Certified Research & Development Company



## MEMORANDUM OF UNDERSTANDING

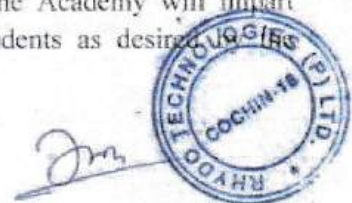
Memorandum of Understanding (MoU) entered into on the 06<sup>th</sup> January 2018 between HOLY GRACE ACADEMY OF ENGINEERING, Mala, an educational institution, imparting Engineering Education at the Graduate levels, affiliated to the -- **University of Calicut & Dr. APJ Abdul Kalam Technological University (KTU)** - [Affiliation No: 1-10043855]. (Hereinafter referred to as the Academy), represented by -Shri Sany Edattukaran , Chairman, Holy Grace Academy of Engineering, On the First Part

and

**RHYDO TECHNOLOGIES PVT. LTD.**, an ISO9001-2015 Certified R&D company , is a pioneer in INDIA doing Research and development in Electronics , Embedded System and Robotics since 1996. Operations Quickly expanded and the company earned a reputation for innovation, equipment, systems and service. With more than 19 years of experience in consolidated designing, manufacturing and marketing expertise, we provide the best of the breed solutions with our ability to infuse newer ideas that strengthen our leadership position in the field of electronics , embedded system and robotics. We have developed world class strategic partnership and joint research and development (R&D) initiatives to offer a wide choice of innovative , inspirational and integrated solutions represented by Shri. P.P Thushar Managing Director, On the Second part.

WHEREAS, in the context of a Government-sponsored scheme to upgrade the skill levels of students above higher-secondary levels so as to accelerate their employment opportunities and to be implemented by the Academy to a specified number of students at the post-higher secondary levels, the Academy has approached the Company for promoting and reinforcing cooperation between the two parties, mutual exchange of information and technical know-how., joint collaborative work in R & D projects, skill training, curriculum development, internship and placement, infrastructure development, improvement of research and academic programmes and also exchange of experts and researchers.

WHEREAS, as part of implementation of the Scheme, the Academy will impart theoretical part of Technical training to the targeted students as desired by the Academy.



NOW, this MoU witnesses the following terms and conditions:

1. Rhydo Technologies (P) Ltd , an ISO9001-2015 Certified R&D company , is a pioneer in INDIA doing Research and development in Electronics , Embedded System and Robotics since 1996.Operations Quickly expanded and the company earned a reputation for innovation,equipment,systems and service.With more than 19 years of experience in consolidated designing, manufacturing and marketing expertise,we provide the best of the breed solutions with our ability to infuse newer ideas that strengthen our leadership position in the field of electronics ,embedded system and robotics.We have developed world class strategic partnership and join research and development (R&D) initiatives to offer a wide choice of innovative ,inspirational and integrated solutions.
2. Both Parties are united by common interests and objectives, and they shall establish channels of communication and co-operation that will promote and advance their respective operations within the **Institution** and its related wings. The Parties shall keep each other informed of potential opportunities and shall share all information that may be relevant to secure additional opportunities for one another.
3. First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of First Party providing significant inputs to them in developing suitable teaching / training systems, keeping in mind the needs of the industry, the Second Party.
4. The general terms of co-operation shall be governed by this MOU. The Parties shall cooperate with each other and shall, as promptly as is reasonably practical, enter into all relevant agreements, deeds and documents (the 'Definitive Documents') as may be required to give effect to the actions contemplated in terms of this MOU. The term of Definitive Documents shall be mutually decided between the Parties. Along with the Definitive Documents, this MOU shall represent the entire understanding as to the subject matter hereof and shall supersede any prior understanding between the Parties on the subject matter hereof.
5. The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.



**Curriculum Design:** Second Party will give valuable inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the industrial scenario meaningfully.

**Industrial Training & Visits:** Industry and Institution interaction will give an insight in to the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.

This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **Rhydo Technologies Pvt Ltd**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Rhydo Technologies Pvt Ltd**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU

Both Parties may terminate this MOU upon 30 calendar days' notice in writing. In the event of Termination, both parties have to discharge their obligations

This MoU is signed by both parties on the date mentioned above, in the presence of witnesses.


All the expenses will be met by the college as per AICTE norms.

For Holy Grace Academy of Engineering

  
Sany Edattukaran  
Chairman



For Rhydo Technologies Pvt Ltd

  
Mr. Thushar P.P  
Managing Director





കേരളം കേരल KERALA

32AA 075316

**AGREEMENT**

This tripartite Agreement ("Agreement") is made on this, the 15<sup>th</sup> Day of February 2019 between Holy gate academy of engineering College, having its registered office at Pharassur District of Kerala represented by its **Principal/Manager** (hereinafter referred to as "**Facilitation Support Partner or (FSP)**") which term and expression unless repugnant to the context shall mean and include their successors and assignees) of the **First Part**.

**Kerala State Electronics Development Corporation Limited**, a company incorporated under the Companies Act 1956 and having Corporate Identity Number U74999KL1972SGC002450 and having their Registered Office at Keltron House, Vellayambalam, Trivandrum - 695033, represented by its **Chief General Manager, Mr. BALAKUMARAN B** (hereinafter referred to as "**Industrial Training Partner or (ITP)**") which term and expression unless repugnant to the context shall mean and include their successors and assignees) on the **Second Part**.



**BALAKUMARAN B**  
Chief General Manager



No. 30094

Value 100/-

*[Handwritten signature]*

Keltron  
Trivandrum



കേരളം കേരल KERALA

32AA 075326

AND

M/s. IIB Education Private Ltd.; a company incorporated under the Companies Act 1956, having CIN Number: U72200KL2007PTC021072: 2007-2008 and its registered office at Door No.25/1130/89, 4<sup>th</sup> Floor, City Centre, Thrissur-680001, and represented by its Managing Director **Mr. Justin Roy** (hereinafter referred to as "NSDC Partner" which term and expression unless repugnant to the context shall mean and include its successors and assignees) on the **Third Part**.

Facilitation Support Partner, "Industrial Training Partner" and NSDC Partner may hereinafter also be referred to jointly as "Parties" and severally as "the Party".

WHEREAS, FSP is one of the premier colleges in Thrissur, Kerala affiliated under the university APJ Abdul Kalam Technological University

And WHEREAS ITP is a leading electronics manufacturer engaged in the activities of Manufacturing Products for Defense Application, Control Instrumentation, Industrial UPS, IT related products and solutions such as PC manufacturing, Software development, Networking, Web Applications and are a total solution provider to Government of Kerala. It has an integral role in the development and implementation of technology in the education reform effort of the Government of Kerala, including the work of the various Government of Kerala Ministries that are directly responsible for the success of education reforms. Keltron has been actively engaged in providing Training in IT & IT enabled job oriented Programmes.

No. 30584

*Leena Th...*  
*Leena Th...*  
 No. 3  
 Leena Th...

**Keltron House**  
**Vellayambalam**  
**Trivandrum**  
**Pin-680 033**  
**Vendor**  
**NSDC**  
**TRAINING PARTNER**

Page 2 of 13

**GRACE ACADEMY OF**  
**NETTING**  
**MAHA-680**  
**CHIEF MANAGER**  
**TREASURY STAMP DEPOT**  
**28 JAN 2019**

And WHEREAS, the **NSDC Partner** is an Authorized Training Partner of NSDC (National Skill Development Corporation) under the Ministry of Skill Development & Entrepreneurship, Govt. of India, for imparting Skill Development Training under PMKVY [Pradhan Mantri Koushal Vikas Yojna] in various constituencies across India.

NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS AND AGREEMENTS HEREIN CONTAINED, THE PARTIES HERETO, INTENDING, TO BE LEGALLY BOUND, AGREE AS FOLLOWS:

**SCOPE:**

This agreement is intended to jointly impart Skill Development Training Programs of KELTRON and the Skill Development Training Programs in-line to the NSDC Qualification Packs as per the National Occupational Standards in various Skill sectors identified by National Skill Development Corporation (herein after referred to as the Industry Institute Interactive Training Programme (IIITP)).

**REPRESENTATIONS AND WARRANTIES:**

EACH OF THE PARTIES REPRESENTS AND WARRANTS THAT:

- 1.1. **FSP** is a registered **College under<sup>KTV</sup>.....** and Industrial Training Partner and **NSDC Partner** are limited liability companies in India and they have legal power and authority to enter into and perform their respective obligations under this Agreement.
- 1.2. The parties have the financial capacity to undertake and perform their respective obligations under this Agreement.
- 1.3. The execution of this Agreement does not constitute a breach of any obligations (statutory contractual or fiduciary) under any Agreement or undertaking by which the parties may be independently bound.
- 1.4. No litigation, arbitration, dispute or legal proceeding has been commenced or is pending or is threatened and no judgment or award has been given or is pending which in any way prejudices or restricts the power, capacity or authority of the parties hereto respectively to perform its/their undertakings under this Agreement.

- 1.5. All approvals, authorizations, licenses, registrations, consents (statutory or otherwise) and other actions by and notices to and filings with, any person that may be required in connection with the execution, delivery and performance of this Agreement by the parties have been obtained.
- 1.6. It is agreed that there are three types of facilities given by the FSP and is classified as three categories:

Type of Category	Roles of FSP	REMARKS
Category-1	Class Rooms, LAB Facility, Counseling & Students Registration Facility	
Category-2	Class Rooms, Counseling & Students Registration Facility	
Category-3	Counseling & Students Registration Facility only	

The category is selected by the FSP with the consent of the ITP. The fee structure and the revenue sharing will be as per clause 5 below and the category will be as per clause 1.6.

The category once selected can be changed only by the consent of **FSP, ITP & NSDC Partner.**

## 2. ROLES AND RESPONSIBILITIES OF FACILITATION SUPPORT PARTNER (FSP):

- 2.1. **Infrastructure:** FSP shall be responsible for providing the infrastructure as per the clause no:1.6. as Category ---.
- 2.2. FSP shall hand over full information about the students admitted, to the ITP in the format prescribed by the **ITP**
- 2.3. The FSP shall make arrangements for managing the administrative matters such as carry out the admission formalities, collection of fee (both Training Fee and Assessment fee

**RAJAKUMARAN**  
Manager



as per clauses : 5.1 & 5.2 respectively), maintaining discipline and attendance, day to day administrative matters with regards to the smooth conduct of courses, administrative correspondence and financial transactions with ITP.

### 3. ROLES AND RESPONSIBILITIES OF INDUSTRIAL TRAINING PARTNER (ITP):

- 3.1. **Curriculum Design:** ITP shall design the course curriculum, course fees and syllabus being followed in institutes all over Kerala in consultation with **FSP & NSDC Partner**.
- 3.2. **Course conducting Plan & Management:** The date of commencement and closing of admission and date of commencement of classes, Resource Allocation and ERP management.
- 3.3. **Examination & Certifications:** Conduct of examinations and issue of **KELTRON** certificates to the successful candidates

### 4. ROLES AND RESPONSIBILITIES OF NSDC PARTNER:

- 4.1. **Engaging Faculties:** Provide faculty support for the conduct of courses, as per the schedule and curriculum in consultation with ITP.
- 4.2. **Marketing and Promotion:** The **NSDC Partner** shall carry out the arrangements with regard to the commencement of courses such as promotional endeavor and advertisements through Medias.
- 4.3. The **NSDC Partner** shall provide necessary support such as counseling, orientation classes to the students regarding NSDC examination, NSDC assessment methods and NSDC Certifications.
- 4.4. The **NSDC Partner** shall make arrangements for the integration of Industry Institute Interactive Training Programs to National Occupational Standards by mapping the program into Qualification Packs of NSDC in the relevant sector.
- 4.5. The **NSDC Partner** shall make arrangements for student's registration for the respective applicable NSDC qualification packs in related concerned training program, which includes printing of application forms, NSDC SDMS (Skill Development Management System) portal registration and its updation etc.
- 4.6. It is the sole responsibility of **NSDC Partner** to Coordinate NSDC assessment (Self Assessment or SSC Assessment) and NSDC Certification in respective NSDC Qualification

Pack to the students who successfully completed the entire training program. All other expenses related to **NSDC Certification** if any, shall be borne by NSDC Partner.

- 4.7. The students who are interested to attend NSDC examination have to draw DD for the amount prescribed by NSDC guidelines for the assessment fee, in favor of NSDC/concerned NSDC Sector Skill Council and submit to NSDC Partner.
- 4.8. The Industrial Training Partner/Facilitation Support Partner/NSDC Training Partner shall not charge any additional fee other than the Skill Development Training fee from students.

### 5. FEES STRUCTURE:

5.1. The course Fees along with applicable Tax shall be submitted in the form of crossed Demand Draft in favor of **Kerala State Electronics Development Corporation Ltd. (K. S. E. D. C. Ltd.)** Payable at **Thiruvananthapuram**. The DD shall be submitted to ITP On or before 25<sup>th</sup> of every month with respect to the fee collected from students.

5.2. The students who are interested to attend NSDC examination have to draw **DD** for the amount prescribed by **NSDC Guidelines for the Assessment Fee**, in favor of **NSDC/Concerned NSDC Sector Skill Council** and submit to NSDC Partner before the declaration of Assessment.

#### 5.3. REVENUE SHARING:

Revenue sharing shall be based on providing Facilities by Facilitation Support Partner:

Type of Category	Revenue Sharing Model		Roles of FSP	REMARKS
	Facilitation Support Partner	Industrial Training Partner		
Category-1	30%	70%	Class Rooms, LAB Facility, Counseling & Students Registration Facility	
Category-2	20%	80%	Class Rooms, Counseling & Students Registration Facility	
Category-3	10%	90%	Counseling & Students Registration Facility only	

The Revenue sharing between Industrial Training Partner and NSDC partner is:

Industrial Training Partner	NSDC Partner
20% of amount after deducting the FSP share	80% of amount after deducting the FSP share

## 6. TERM & TERMINATION:

This Agreement shall be effective from the date of this agreement and will be valid for a period of **Three Years from the date of signing of this Agreement** unless otherwise terminated earlier as provided here under or renewed on mutual agreement in writing, signed by the authorized signatories of the parties. The other two parties should approach ITP at least two months before the expiry of the term of this Agreement, expressing their interest in renewing this Agreement and ITP may consider such request for renewal strictly on merit.

- 6.1. On breach of the terms: In the event of breach of any of their obligation under this Agreement by any party/ies, the non-breaching party/ies may terminate this Agreement by giving the breaching party/ies, 30 days written notice specifying the breach and requesting that the breach be rectified within the above said period of 30 days. If the breach is not rectified within the stipulated period of 30 days, this Agreement shall stand terminated.
- 6.2. Under a mutual rescission Agreement: The Agreement can be terminated any time during the tenure of the agreement, with mutual consent of the parties by signing a Mutual Rescission Agreement. Such Termination will require a 30 Days' Notice. When mutually terminated, the notice period may be increased or decreased as may be required.

## 7. EFFECT OF TERMINATION

- 7.1. Termination shall not release any party from payment of any sum owing to the other/s or terminate any other obligation or liability or any security interest or lien held by the Parties.
- 7.2. Termination of this Agreement for any reason whatsoever shall not release any party hitherto from any of the obligation, which at the time of termination has already accrued to the other party whether or not the amount of such obligation has been quantified at the time of termination. In order to avoid any ambiguity in this regard, it is further clarified that in the event of Termination of this agreement, the respective

  
B. BALAKUMARAN  
General Manager

  
NSDC  
TRAINING PARTNER  
Kerala





obligations of the Parties under this agreement shall continue till the training programs, already started by the time of such termination, are fully completed, examination conducted and certificates are issued.

- 7.3. Following termination of this Agreement, each party shall promptly return to the other party all Confidential Information of such other party and certify in writing that it has done the same.
- 7.4. Notwithstanding termination or expiration of this Agreement the provisions under Sections "Indemnification", "Confidentiality", "Entire Agreement", "Limitation of Liability", shall survive termination of this Agreement.

#### **8. INDEMNIFICATION:**

If KELTRON suffer any loss or damage or on account of any breach or any shortfall in meeting the guaranteed performance parameters as per the terms of this Agreement by any one or both of the other two parties, the party/parties at fault undertake/s to promptly make good such loss or damage caused to KELTRON, on KELTRON's demand, without any demure. Further the parties agree that it shall be lawful for KELTRON to deduct from and out of any money for the time being payable or due to the other party/parties at fault under this agreement or otherwise to set off any loss or expense, cost or damages sustained or incurred or shall be incurred by KELTRON on account of the afore said reasons or by reason of termination of this Agreement.

#### **9. GENERAL TERMS AND CONDITIONS**

##### **CONFIDENTIALITY:**

Each party ("Receiving Party") agrees to keep confidential and not disclose or use except in performance of its obligations under this Agreement, confidential or proprietary information related to the other party's ("Disclosing Party") technology or business that the Receiving Party learns in connection with this Agreement and any other information received from the other, including without limitation, to the extent previously, currently or subsequently disclosed to the Receiving Party hereunder or otherwise: information relating to products or technology of the Disclosing Party or the properties, composition, structure, use or processing thereof, or systems therefore, or to the Disclosing Party's business (including, without limitation, computer programs, code, algorithms, schematics, data, hard ware design, part list, vendor lists, know-how, processes, ideas, customer information, inventions (whether patentable or not), names and expertise of employees and consultants, all information relating to customers and customer transactions and other technical, business, financial, customer and product development plans, forecasts, strategies and information (all of the foregoing, "Confidential Information"). Neither

party shall disclose the terms of this Agreement to any third party, without the prior written consent of the other party. Each party shall use reasonable precautions to protect the other's Confidential Information and employ at least those precautions that such party employs to protect its own confidential or proprietary information. "Confidential Information" shall not include information the Receiving Party can document:

(a) is in or (through no improper action or inaction by the Receiving Party or any affiliate, agent or employee) enters the public domain (and is readily available without substantial effort), or

(b) was rightfully in its possession or known by its prior to receipt from the Disclosing Party, or

(c) was rightfully disclosed to it by another person without restriction, or

(d) Was independently developed by it by persons without access to such information and without use of any Confidential Information of the Disclosing Party.

(e) Each party, with prior written notice to the Disclosing Party, may disclose such Confidential Information to the minimum extent possible that is required to be disclosed to a governmental entity or agency in connection with seeking any governmental or regulatory approval, or pursuant to the lawful requirement or request of a governmental entity or agency (including a court order or subpoena), provided that reasonable measures are taken to guard against further disclosure, including without limitation, seeking appropriate confidential treatment or a protective order, or assisting the other party to do so.

#### **RELATIONSHIP:**

This Agreement is not intended by the Parties to constitute or create a joint venture, Limited Liability Company, pooling arrangement, partnership, or other formal business organization of any kind. Neither party shall for any purpose, be deemed to be an agent of the other party and the relationship between the parties shall only be that of independent contractors. Neither party shall have any right or authority to assume or create any obligations or to make any representations or warranties on behalf of any other party, whether express or implied, or to bind the other party in any respect whatsoever.

#### **ASSIGNMENT**

This Contract shall not be assigned or otherwise transferred by any Party, in whole or in part, without the prior express written consent of the other Party. Any such assignment, or transfer by one Party not in accordance with this provision is a material breach of this Agreement and shall be grounds for immediate termination thereof by the other Party and the party/parties in breach shall compensate the other parties for any losses whatsoever caused thereby. The

  
LAKSHMANAN  
Manager

  
Education Kerala  
NSDC  
TRAINING PARTNER



  
ACE ACADEMY OF ENG

foregoing shall not apply in the event of either party shall change its name or merge with another company/corporation/organization, but in both cases the resulting/emerging/surviving company/corporation/organization shall be bound by the terms of this Agreement.

**AMENDMENTS:**

This Agreement shall not be amended, modified or extended, nor shall any waiver of any right hereunder be effective, unless set forth in a documented executed by duly authorized representatives of all Parties, specially referencing the provision of this Agreement to be amended, modified, extended or waived. The failure of any party to insist upon performance of any provision of this Agreement, or to exercise any right, remedy or option provided herein, shall not be constructed or deemed as a waiver of the right to assert any of the same at any time thereafter.

**FORCE MAJEURE:**

In the event that either party is prevented from performing or is unable to perform any of its obligations under this Agreement due to any Act of God, fire, casualty, flood, earthquake, war, epidemic, destruction of production facilities, riot or any other cause beyond the reasonable control of the party invoking this section, and if such party shall have used its commercially reasonable efforts to mitigate its effects, such party shall give prompt written notice to the other party, its performance shall be excused, and the time for the performance shall be extended for the period of delay or inability to perform due to such occurrences. Each Party shall take due care and reasonable alternative measures in order to avoid effect of such events on the performance of the party's ability to perform its obligations under this agreement and to mitigate the consequences thereof. Regardless of the excuse of Force Majeure, if such party is not able to perform within ninety (90) days after such event, the other party may terminate the Agreement. Termination of this Agreement shall not affect the obligations of either party which exist as of the date of termination.

**SEVERABILITY:**

The parties intend this Agreement to be a legally enforceable instrument. If any term, condition or provision of this Agreement is held or finally determined to be void, invalid, illegal, or unenforceable in any respect, in whole or in part, such term, condition or provision shall be severed from this Agreement, and the remaining terms, conditions and provisions contained herein shall continue in force and effect, and shall in no way be affected, prejudiced or disturbed thereby.

  
**B BALAKUMARAN**  
Chief General Manager







unfairness to any party is disclosed or anticipated then the Parties shall use their best endeavors to agree upon such action as may be necessary and equitable to remove the cause of the same.

**ENTIRE AGREEMENT:**

This Agreement, including all Exhibits hereto which are incorporated herein by reference, constitutes the entire agreement and understanding between the Parties hereto, and supersedes and replaces any and all previous or contemporaneous understandings, commitments, agreements, proposals or representations of any kind, whether oral or written, relating to the subject matter hereof. For this purpose the term Exhibits shall include the Agreement, Annexures, which may be made subsequently on mutual agreement between Parties.



A handwritten signature in blue ink, consisting of a stylized, cursive script.



A handwritten signature in black ink, consisting of a stylized, cursive script.

**B BALAKUMARAN**  
Chief General Manager




**COUNTERPARTS:**

This Agreement is executed in three counterparts, each of which shall be deemed an original, but all such counterparts together shall constitute but one and the same instrument.

IN WITNESS WHEREOF, THE PARTIES HAVE CAUSED THIS AGREEMENT TO BE EXECUTED BY THEIR AUTHORIZED REPRESENTATIVES AS ON THE DAY, MONTH AND YEAR FIRST ABOVE WRITTEN.

<p>For</p>  	<p>For Kerala State Electronics Development Corporation Ltd.</p>  	<p>For IIB Education Pvt. Ltd.</p>  
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

**Witnesses:**

-   
1. Dr. Sunesh Babu
-   
2. SHALU KRISHNAN R.  
Sr. Engineer (KSO)  
KELTRON
-   
3. PAVITHRA M.A  
ASSE: BEM.  
IIB EDUCATION PVT. LTD



കേരളം കേരल KERALA

CF 245280

Memorandum of Understanding with CADCENTER, Indian Educational Enterprises (P) Ltd. Kodungallur , and Holygrace Academy of Engineering, Mala - Kuruvilassery. Thrissur-Kerala, India, for Autodesk Academic Adoption Partner (AAP) Program.

This agreement is executed on this the 8<sup>th</sup> Day of March 2019 in between Mr.Manoj P C, CADCENTER, Indian Educational Enterprises (P) Ltd., 2nd Floor, Sree Ramajayam Associate Building, North Nalla Kodungallur, Thrissur , represented as by its Channel Partner, and on behalf of Mr. Sreejith K K, Managing Director, CADCENTER; Indian Educational Enterprises (P) Ltd., Corporate Office, 3<sup>rd</sup> floor, Srinivas Chambers, M G Road, Cochin.(Hereinafter referred to as the First Party)& Dr. R A Jankumar Principal of Holygrace Academy of Engineering Mala Thrissur, Kerala, India, represented by Universal Engineering College Principal (Herein after referred to as the Second Party)

NO 29649 ₹ 100  
6-3-19  
കൊടുങ്ങല്ലൂർ സബ് ട്രെസറി ഓഫീസ്

കൊടുങ്ങല്ലൂർ സബ് ട്രെസറി ഓഫീസ്  
1-ാം നമ്പർ വെണ്ടർ  
SUB TREASURY OFFICE  
1 MAR 2019  
KODUNGALLUR

Now this agreement witness as follows:

1. That the first Party is an Authorized Training Center and Authorized Academic Partner of Autodesk to impart Autodesk products training and Autodesk Certification to the Students and corporate either it as on- site or off- site.

CADCENTER, Indian Educational Enterprises (P) Ltd is the most leading and pioneer CAD Training Institute in India since 1989. Being the Authorized Training Centers and licensed users of world's leading CAD Companies like Autodesk, PTC, Certiport, ANSYS, Bentley, MastrerCAM etc. CADCENTER is recently associated with IT-ITeS Sector Skills Council **NASSCOM** (SSC NASSCOM) as well as **REVA University** Bangalore, which is one among the best universities in India.

2. That the second party is an AICTE approved engineering college with an AICTE ID I-10043855 and to conduct the Engineering graduate programs at the mentioned college site of Holygrace Academy of Engineering Mala Thrissur , Kerala, India.

This M O U is for a period of 3 years and can be renewed or terminated with a notice period of 3 months.

3. That the first party will assist the second party to register, download and install the Autodesk Free education software to the lab (software's like AutoCAD, Revit, 3ds Max, Inventor, Fusion360 etc), which is available free of cost from Autodesk for a period of 3 years from the date of activation of the softwares, which can be renewed after 3years of tenure as free of cost, under the sole discretion of Autodesk and based on the AAP (**Autodesk Academic Adoption Program**) program signed as an MOU between AICTE and Autodesk on 15-October 2010 to conduct the Authorized/Legal training and Autodesk certification exams in the College lab for the students and faculty members of the College/Departments, under the mutually agreed terms with an ATC of Autodesk.
4. That the first party will assist the students/Educators of the college to get utilize the free software from Autodesk to the students and Educators for their personal learning through Autodesk Student Education Community portal as part of the AAP program.
5. That the First party will offer Autodesk Online exams on all the available Autodesk online exam products, with a good discounted academic rate other than its commercial rate to the

students and Faculties of the Holygrace Academy of Engineering Mala Thrissur, Kerala which will help them to earn a recognized International certification from Autodesk and thus to improve the employability and recognition of the students and faculties. The students and faculties are able to attend the exams in their college labs using the infrastructure of the college.

6. That the First party is also offering Autodesk Product training to the students of the Universal Engineering College Thrissur, Kerala at a specially discounted course fee, which will be executed depend upon the need and the interest of the students. The courses are offered on the various CAD softwares like AutoCAD, Revit Architecture, and 3Ds MAX design, Inventor, Fusion 360, Revit MEP, AutoCAD Electrical, Autodesk Eagle etc. These courses are suitable for students of the Different Engineering Department, and the training will be conducted utilizing the infrastructure of the college. Autodesk Certification Exams will be conducted with each training program at the respective levels.
7. That the First party will depute qualified and experienced faculty who is approved by Autodesk as ACI/AAI (Autodesk Certified Instructor/Autodesk Approved Instructor) for imparting any kind of training comes under the AAP program.
8. That the Second party can decide about the training & certification program at their own will, based on the interest and the willingness of the students. If the students are interested, both the parties jointly announce and conduct the trainings utilizing the facilities of the college at a discounted course- fee which is mutually agreed upon. The fee structure can be modified time to time and announced mutually agreed manner. Fifty percentage of the training fee will be collected in advance from the students by the first party and the rest of the payment will be collected in the middle of the training program.
9. That if the fee is collecting and issuing by second party, the payment (cheque/DD/Cash) to first party should be made in the name of "MARS TECHNOLOGY" payable at Thrissur. The Second party also helps to conduct the trainings for their students in a decent and orderly manner by ensuring the proper attendance and participation and facilitating the trainings program in their best possible manner.
10. That the Second party is agreed to conduct the Autodesk online examination whenever there, a training program is being

conducting for their students. This will ensure quality to the training course offered by the first party. The online examinations can be conducted even without any training courses also. The exam fees will be remitted by the students in advance and collected by the first party, by cash, and the second party has no financial commitment towards that.

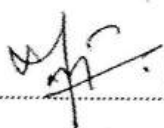

11. That the first party serves as the Autodesk Academic Adoption Partner to facilitate the online exams inside the Holygrace Academy of Engineering Mala Thrissur, Kerala. The first party will provide One Examination voucher to each participant to each exam payment remitted by the candidate. In case if any student fails and wants to attend second time, he has to remit additional Exam fee as insisted by the first party. The E-Certificate will be available for the successful candidate through their Autodesk exam web account.
12. That the first party will do the needful to get avail all the benefits comes under AAP program to the students of college. The programs like Workshops, Boot-camps, Events, Design Challenges, (National/International), Student Expert Drives, Design Academy Enrolment, etc. will be extended to the students in time.
13. That the first party will do the needful to get avail all the benefits comes under AAP program to the college. The program like Workshops, FDPs, Webinars, Exam Drives, etc. will be extended to the relevant educators of the college in time.
14. That any alteration, addition or modification to this agreement is to be in writing and signed by both the parties.
15. That the print out of this agreement on stamp paper signed by both the parties will be consider as the original one, and Photostat of the agreement signed by both parties will be Will consider as the duplicate one. Original with be kept with first party and duplicate with second party

IN WITNESS WHEREOF BOTH THE PARTIES HEREBY HAVE SET AND SUBSCRIBED  
THEIR RESPECTIVE HANDS ON THIS THE 8<sup>th</sup> March 2019

First Party:

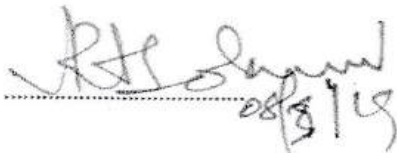
For

Mr. Sreejith K K  
Managing Director,  
CADCENTER-, Indian Educational Enterprises (P) Ltd  
Head Office: - 3<sup>rd</sup> Floor, Srinivas Chamber  
M G Road, Ernakulam.  
Kerala, India-682035

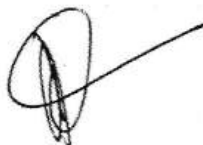
  
.....  


Mr. Manoj P C  
Channel Partner,  
CADCENTER, Indian Educational Enterprises (P) Ltd.,  
Kodungallur. Kerala, India  
PIN: 680664

Second Party:

  
.....  
08/3/19

Dr. R A Jaikumar  
Principal Holygrace Academy of Engineering  
Mala - Kuruvilassery(PO)  
Kerala - Thrissur.  
Pin: 680732



# CADCENTER®

2nd Floor, Sreeramajayam Associate Building, North Nada, Above K R Bakes, Kodungallur  
7559961000, 7559962000, 8590001080, Web: www.cadcenter.org Email : cad\_kdr@yahoo.com

As per our discussion in your office dated 18 February 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

CIVIL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I)	1000.00	5000.00	10000.00	10 days
2. Autodesk Revit	3500.00	9500.00	19000.00	8 days
3. Autodesk 3Ds Max Design	4500.00	10500.00	21000.00	15 Days
4. Staad Pro	3000.00	7250.00	14500.00	6 Days
5. E-Tabs	3000.00	7250.00	14500.00	6 Days
6. Autodesk Naviswork	3000.00	7250.00	14500.00	6 Days
7. Quantity Survey	1500.00	3000.00	6000.00	6 Days
8. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

\*Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

For CADcenter Kodungallur

Channel Partner



Manoj P C  
(Mob: 9846638010, 8590508010)

*Handwritten signatures and dates:*  
08/3/19

# CADCENTER®

2nd Floor, Sreeramajayam Associate Building, North Nada, Above K R Bakes, Kodungallur  
7559961000,7559962000,8590001080, Web: www.cadcenter.org Email : cad\_kdr@yahoo.com

December 4 2018

As per our discussion in your office dated 18<sup>th</sup> Jan 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

ELECTRICAL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I & III)	1500.00	5000.00	10000.00	10 days
2. Autodesk Revit MEP	9500.00	14750.00	29500.00	10 days
3. MEP Using AutoCAD	8000.00	13500.00	27000.00	10 Days
4. Electrical CAD	3000.00	6000.00	12000.00	6 Days
7. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

For CADcenter Kodungallur

Channel Partner

MANOJ P C

(Mob: 9846638010, 8590508010)



# CADCENTER®

2nd Floor, Sreeramajayam Associate Building, North Nada, Above K R Bakes, Kodungallur  
7559961000, 7559962000, 8590001080, Web: www.cadcenter.org Email : cad\_kdr@yahoo.com

December 4 2018

As per our discussion in your office dated 18<sup>th</sup> Jan 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

MECHANICAL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I & III)	1500.00	5000.00	10000.00	10 days
2. Autodesk Revit MEP	9500.00	14750.00	29500.00	10 days
3. MEP Using AutoCAD	8000.00	13500.00	27000.00	10 Days
4. Autodesk Inventor Pro	4250.00	9500.00	19000.00	8 Days
5. Solid Works	4250.00	9500.00	19000.00	8 Days
6. MasterCAM	4250.00	10000.00	20000.00	8 Days
7. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

For CADcenter Kodungallur

Channel Partner



MANOJ P C

(Mob: 9846638010, 8590508010)

## Our Courses (Prompt)

### Package I (Interior Designing Professional)

AutoCAD 3 Levels  
Autodesk Revit Architecture  
Autodesk 3Ds Max Design

Duration : 8 Months

### Package II (MEP Drafting)

AutoCAD Level I (2D)  
AutoCAD Level III (PDM)  
MEP Using AutoCAD

Duration : 4 Months

### Package III (MEP Drafting & Designing)

AutoCAD Level I (2D)  
AutoCAD Level III (PDM)  
MEP Using AutoCAD  
Autodesk Revit MEP

Duration : 6 Months

### Package IV ( Mechanical )

AutoCAD 3 Levels  
Autodesk Inventor /  
Catia / Pro - Engineering

Duration : 6 Months

### Package V ( Electrical )

AutoCAD Level I (2D)  
AutoCAD Level III(PDM)  
Autodesk Electrical CAD

Duration : 3 Months

Introducing  
Fusion360



## Our Specialities

Part of world's largest CAD training network Autodesk Authorized Training Center Pioneers of CAD training in Kerala & Oldest Autodesk Authorized Training Center in India. International Curriculum and certification from Autodesk subject to continues evaluation. Autodesk Certified Instructors with ample experience in training. Five Time winner of "Excellent CAD Training Center in India from Autodesk. Winner of Excellent Certification Center in India" from Autodesk.

## Ample Campus Offers for Students

## Saturday & Sunday Batches Available



Placement Assurance



ANSYS  
Expert Training Center



Mastercam  
Institute

**\*GET AHEAD\*  
\*GET TRAINED\*  
\*GET CERTIFIED\***



Global Recognition with Autodesk Certification

**AUTODESK AUTHORIZED CENTER**



Learning Partner

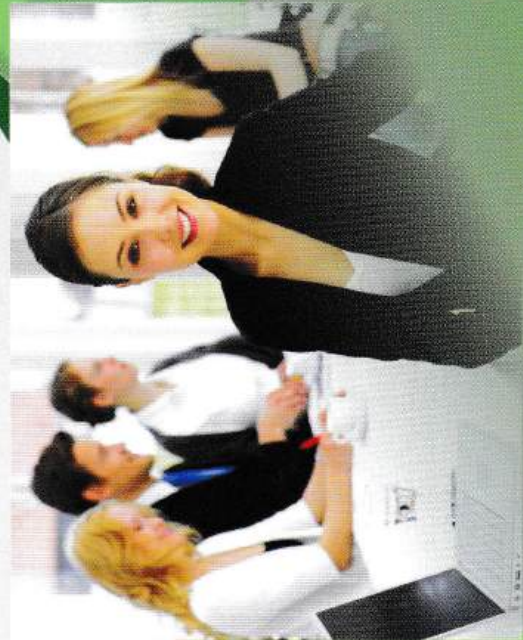
# CADCENTER

2nd Floor, Sreeramajayam Associate Building  
North Nada, Above K R Bakes, Kodungallur  
Thrissur - Kerala - 680664

**Contact Us**

Phone : 7559961000, 7559962000, 9846660725,  
8590508010, 8590001080

Email : [kdr@cadcenter.org](mailto:kdr@cadcenter.org), Web : [www.cadcenter.org](http://www.cadcenter.org)



(0477) 2838429 - 17

# AutoCAD

AutoCAD is a commercial software application for 2D and 3D computer-aided design (CAD) and drafting — available since 1982 as a desktop application and since 2010 as a mobile, web- and cloud-based app marketed as AutoCAD 360.

AutoCAD is used across a wide range of industries, by architects, project managers, engineers, graphic designers, and other professionals. It is supported by 750 training centers worldwide as of 1994.

As Autodesk's flagship product, by March 1986 AutoCAD had become the most ubiquitous CAD program worldwide.

## Autodesk Revit Architecture

Autodesk Revit Architecture is a robust architectural design and documentation software application created by Autodesk for architects and building

professionals. The tools and features that make up Revit Architecture are specifically designed to support building information modeling (BIM) workflows.



## MEP Design & Drafting

Mechanical, Electrical, and Plumbing services (MEP) is a significant component of the construction industry. MEP design is critical for design decision-making, accurate documentation, performance and cost-estimating, construction planning, managing and operating the resulting facility.

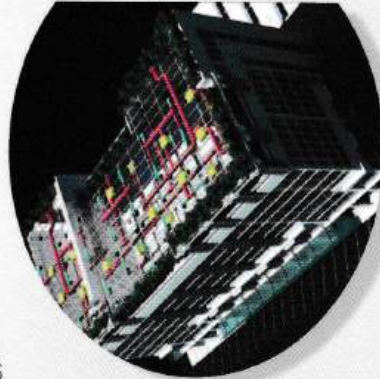
MEP is also known as Building Services in the Construction Industry. The Mechanical aspect focuses on Heating, Ventilation and Air Conditioning (HVAC), whereas the Electrical aspect focuses on supplying power to all the services in a building including lighting, appliances etc., and the main focus of Plumbing is to deliver hot and cold water and the draining of waste water it is also known as PHE (Public Health Engineering).

## Autodesk Revit MEP

Autodesk Revit MEP Building Information Modeling (BIM) Software for mechanical, electrical and plumbing (MEP) engineers support more accurate and efficient building systems design project from concept through construction

\* Design building system more accurately using coordinated.\* consistent information inherent in the intelligent Revit MEP model.

\*Analyze for efficiency with integrated analysis earlier in the process



## 3ds Max Design

3ds Max Design software provides a comprehensive 3D modeling, animation, and rendering solution used by architects, designers, civil engineers, and visualization specialists. Validate and sell designs before they are built, and get rapid iteration of designs, accurate daylight analysis, and high-impact visuals and animations.



## Autodesk Inventor

Autodesk Inventor is a 3D mechanical solid modeling design software developed by Autodesk to create 3D digital prototypes. It is used for 3D mechanical design, design communication, tooling creation and product simulation. This software enables users to produce accurate 3D models to aid in designing, visualizing and simulating products before they are built.



## INDIVIDUAL

AutoCAD Level I (2D)	1 Months	6000.00
AutoCAD Level II (3D)	1.5 Months	4500.00
AutoCAD Level III (PDM)	.5 Month	3500.00
Autodesk Revit Architecture	2 Months	19000.00
Autodesk 3Ds Max Design	3 Months	21000.00
MEP Using AutoCAD Mechanical	3 Months	27000.00
Electrical	1 Month	11500.00
Plumbing	1 Month	11500.00
Autodesk Revit MEP Mechanical	3 Months	29500.00
Electrical	1 Month	13500.00
Plumbing	1 Month	13500.00
Autodesk Revit MEP Mechanical	2 Months	12000.00
Autodesk Inventor Pro	3 Months	19000.00
Autodesk Fusion 360	2 Months	20000.00
Autodesk Revit Structure	2 Months	18000.00
Pro-Engineering Wildfire	2 Months	19000.00
Catia	2 Months	19000.00
Solid Works	2 Months	19000.00
Project Planning Primavera	2 Months	17500.00
V-Ray	1 Month	10000.00
Staad Pro	2 Months	14500.00
E-Tabs	2 Months	18000.00
Autodesk Naviswork	2 Months	14500.00
Estimation	2 Weeks	4000.00
Mastercam	2 Months	20000.00

EXAM FEE ADDITIONAL

**Autodesk**  
Authorized Training Center  
Certification Center  
Academic Partner





# **MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**OPEN UNIVERSITY MALAYSIA**

**AND**

**HOLY GRACE FOUNDATION**

Dated this 17 day of FEBRUARY 2016



# **MEMORANDUM OF UNDERSTANDING**

**BETWEEN**

**OPEN UNIVERSITY MALAYSIA**

**AND**

**HOLY GRACE FOUNDATION**

Dated this \_\_\_\_ day of \_\_\_\_\_, 2016

This **MEMORANDUM OF UNDERSTANDING** is made on the .....day of ..... 2016.

**BETWEEN**

**OPEN UNIVERSITY MALAYSIA**, a private institution of higher learning formed on August 10, 2000 under the Private Higher Educational Institutions Act 1996, owned and managed by UNITEM Sdn. Bhd. (Co. No. 508287-P) a company incorporated under the laws of Malaysia and having its registered address at Jalan Tun Ismail, 50480 Kuala Lumpur, Malaysia (hereinafter referred to as "**OUM**") of the one part;

**AND**

**HOLY GRACE FOUNDATION**, an Educational Society consists of a CBSE school, B School (affiliated to University of Calicut) and Engineering College (approved by AICTE, affiliated to APJ Abdul Kalam Technological University) and having its campus at Kuruvilassery P.O., Mala, Thrissur District., Kerala, India, Pin - 680732 (hereinafter referred to as "**HGF**"); of the other part.

**OUM** and **HGF** shall hereinafter collectively be referred to as the "**Parties**" and individually referred to as the "**Party**".

**WHEREAS** the Parties hereto are entering into this Memorandum of Understanding for the purpose of recording their intention to negotiate and finalise the terms of their co-operation with the objective of strengthening their mutual cooperation as well as striving for the promotion of mutual exchanges:

- A. **OUM** and **HGF** wish to establish a mutually rewarding relationship within which the two institutions can collaborate and partner on a number of academic and research initiatives and co-operations for the state of Kerala, India.
- B. **OUM** is wholly owned by METEOR Sdn. Bhd., a private limited company incorporated in accordance with the laws of Malaysia consisting of a consortium of eleven (11) public universities. **OUM** is also an associate member of Association of Indian Universities (AIU).
- C. **HGF** is a private self-financing Educational Trust, established and run by a Board of Trustees in Kerala.
- D. Both **OUM** and **HGF** agree to execute affiliation and cooperation in specific areas mutually beneficial to both Parties.
- E. **OUM** appoints the Institute of Professional Development (hereinafter referred to as "**IPD-OUM**") as its programme manager for the collaboration between the two Parties.
- F. **IPD-OUM** is a centre of excellence within the domain of **OUM** that collaborates with industrial players as well as organisations to develop training and development programmes that provide a unique mix of technical, interpersonal, leadership and managerial skills as part of their people development strategy.

**NOW THEREFORE OUM and HGF** wish to establish the following Memorandum of Understanding which shall lead to the signing of a Memorandum of Agreement containing the finalised terms and conditions of the proposed collaboration, but not limited to the following:

## ARTICLE 1

### OBJECTIVES OF THIS MEMORANDUM OF UNDERSTANDING

- 1.1 This Memorandum of Understanding is entered into between the Parties to formulate the terms and conditions as follows:
- 1.1.1 Relevant add on/top up programmes for Engineering and Management students
  - 1.1.2 Joint research in mutual areas of interest
  - 1.1.3 Joint conferences, seminars and workshops
  - 1.1.4 Delivery of guest lectures in person/through video conferencing
  - 1.1.5 coordinate short-term industry visits and study tour in Malaysia for the Indian students;and
  - 1.1.6 Joint offering of executive programmes and trainings (if applicable)
  - 1.1.7 Short-term internships in relevant area of interests (if applicable)

## ARTICLE 2

### SCOPE AND RESPONSIBILITIES

- 2.1 The programme identified above will be conducted in Malaysia.
- 2.2 The scope and responsibilities of the Parties in the execution of this Agreement and the delivery of the programmes are as follows:-

No.	Description	HGF	OUM
(i)	Marketing and Promotion	X	
(ii)	Provision of the student's list	X	
(iii)	Programme structure	X	X
(iv)	Programme management in India	X	
(v)	Programme coordination in Malaysia		X
(vi)	Quality Assurance	X	X
(vii)	Provision of Lecturers / Facilitators	X	X

## ARTICLE 3

### EXCLUSIVITY

- 3.1 During the tenure of this Memorandum of Understanding, the Parties shall cooperate on non exclusive basis and either Party shall either make or accept offers or

conclude agreements concerning the Project or any part thereof by itself or with third party(ies).

#### ARTICLE 4

##### INTELLECTUAL PROPERTY

- 4.1 Neither Party may use the name, logo and/or official emblem of the other Party on any publication, document and/or paper without its prior written approval.
- 4.2 All information, knowledge, know-how including all designs, plans, evaluation, reviews, analysis, solutions, results, findings, developments and improvements in relation to any process and/or products achieved or developed by either Party through its sole effort pursuant to and/or resulting from this Agreement which may or may not related to this programme shall belong to that relevant Party.
- 4.3 The ownership of intellectual property rights to work and materials developed jointly by the Parties shall agree upon by the Parties in writing on a case by case basis.

#### ARTICLE 5

##### CONFIDENTIALITY

All information and/or data that may be exchanged, acquired and share in connection with the area of collaboration between **OUM** and **HGF** in pursuant to this Memorandum of Understanding shall be treated as strictly confidential and shall not under any circumstances be divulged by the receiving Party ("Recipient") to any third party without the prior written consent of the originating Party unless otherwise the same had already been made public.

#### ARTICLE 6

##### DURATION AND TERMINATION

- 6.1 This Memorandum of Understanding will be in force from the date on which it is signed and will be effective for duration of **FIVE (5)** years thereto and may be renewed upon agreement in writing by all Parties.
- 6.2 Notwithstanding paragraph 6.1, this Memorandum of Understanding may be terminated by either Party by giving written notice to the other at least **THREE (3) months** prior to the proposed date of termination.
- 6.3 Notwithstanding paragraph 6.2, the provisions of this Memorandum of Understanding or any other written agreement in respect of any ongoing exchange scheme programme or any form of cooperative work under this Memorandum of Understanding shall continue to apply until their completion unless both Parties

mutually agree in writing to the earlier termination of the scheme, programme or cooperative work.

## ARTICLE 7

### FINANCIAL IMPLICATIONS

- 7.1 The ownership of intellectual property rights to work and materials developed jointly by the Parties shall be agreed upon by the Parties in writing on a case by case basis.
- 7.2 Cost details shall be as a separate appendix / attachment to be determined when Parties formalising this Memorandum of Understanding to a formal agreement document.

## ARTICLE 8

### MISCELLANEOUS

- 8.1 Every notice, request or any other communication required or permitted to be given pursuant to this Memorandum of Understanding shall be in writing and delivered personally or sent by registered or certified post or via air mail or via courier or facsimile or by e-mail (which shall be acknowledged by the other Party) to the Parties at their address and facsimile number as stated below:

To: **INSTITUTE OF PROFESSIONAL AND DEVELOPMENT,  
OPEN UNIVERSITY MALAYSIA**  
No 1, Jalan Rampai Maju,  
Rampai Business Park South,  
53300 Kuala Lumpur  
Tel : (6)03 – 4142 0585  
Fax : (6)03 – 4142 0498

**Attention: Associate Professor Dr Richard Ng**  
Director, Institute of Professional Development

To: **HOLY GRACE FOUNDATION**  
Kuruvilassery P.O., Mala,  
Thrissur District.,  
Kerala, India, Pin - 680732  
Tel : +91 480 2897900  
Fax : +91 \_\_\_\_\_

**Attention: Dr Subramanian**  
Principal, Holy Grace Academy of Engineering

IN WITNESS TO THIS MEMORANDUM OF UNDERSTANDING WHEREOF the Parties hereunto affix their signatures:

**SIGNED** for and on behalf of  
**OPEN UNIVERSITY MALAYSIA**

**SIGNED** for and on behalf of  
**HOLY GRACE FOUNDATION**

---

**PROF. DR AHMAD BIN HASHEM**  
Chief Operating Officer  
METEOR Sdn. Bhd.

---

**MR. SANY EDATTUKARAN**  
Chairman, Holy Grace Academy of Engineering

---

**MR. VACKACHAN THAKOLKARAN**  
Chairman, Holy Grace Academy of Management Studies

---

**MR. JOSE KANNAMPILLY**  
Chairman, Holy Grace Academy CBSE School

Witnessed by,

Witnessed by,

---

**ASSOC. PROF.DR. RICHARD NG**  
Director,  
Institute of Professional Development

---



**MR. BENNY JOHN AYNIKKAL**  
Secretary, Holy Grace Academy of Engineering

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Chief Operating Officer  
METEOR Sdn. Bhd



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Chairman, Holy Grace Academy of Engineering



**MR. VACKACHAN THAKOLKARAN**  
Chairman, Holy Grace Academy of Management Studies



**MR. JOSE KANNAMPILLY**  
Chairman, Holy Grace Academy CBSE School

Witnessed by,

Witnessed by,



**ASSOC. PROF. DR. RICHARD NG**  
Director,  
Institute of Professional Development



**MR. BENNY JOHN AYNIKKAL**  
Secretary, Holy Grace Academy of Engineering

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**AND**

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**MEMORANDUM OF UNDERSTANDING**  
-----

Memorandum of Understanding (MoU) entered into on the 06<sup>th</sup> January 2016 between Holy Grace Academy of Engineering, Mala, an educational institution, imparting Engineering Education at the Graduate levels, affiliated to the --University of Calicut & Dr. APJ Abdul Kalam Technological University (KTU) - [Affiliation No: 1-10043855]. (Hereinafter referred to as the Academy), represented by --Dr. A Subramanian, Principal, Holy Grace Academy of Engineering, On the First Part

and

BFG International, is a manufacturer of plastic and rubber products including fiber reinforced polyester moldings and vacuum assisted resin injection, building envelopes, building facades, primary structural roofs and ceilings, domes and cupolas, suspended ceilings, shading elements and screens, interior architectural elements, complex formwork, specialty architectural finishes, hereinafter referred to as the Company, represented by Shri. Ram Mohan as CEO, On the Second part.

WHEREAS, in the context of a Government-sponsored scheme to upgrade the skill levels of students above higher-secondary levels so as to accelerate their employment opportunities and to be implemented by the Academy to a specified number of students at the post-higher secondary levels, the Academy has approached the Company for promoting and reinforcing cooperation between the two parties, mutual exchange of information and technical know-how., joint collaborative work in R & D projects, skill training, curriculum development, internship and placement, infrastructure development, improvement of research and academic programmes and also exchange of experts and researchers.

WHEREAS, as part of implementation of the Scheme, the Academy will impart theoretical part of Technical training to the targeted students for a period of 150 hours and, as desired by the Academy, the Company will impart in-plant training to the same number of students covering the practical aspects of the technical know-how, at the Company's premises, for a period of 150 hours.




NOW, this MoU witnesses the following terms and conditions:


1. Once the Scheme is through after Government's approval, the Academy, at its discretion, will start recruiting the specified number of students and impart theoretical part of the technical know-how covering the conventional methods and their basic principles, for a period of 150 hours.
2. Once the theoretical part of training imparted by the Academy for a given number of students is over, the Academy will send these students to the Company for internship as Trainees for a period of 150 hours, during which period the students will get practical orientation on all aspects connected with building materials.
3. Once the 150 hours of training is over, the concerned students will be referred back to the Academy and there shall be no liability, whatsoever, on the part of the Company to provide employment to the students or absorb them in the company.
4. The trainee students will have to make their own arrangements for travel during the trainee period, and the company shall not be liable to compensate the students towards these expenses.

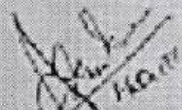
This MoU is signed by both parties on the date mentioned above, in the presence of witnesses.


For Holy Grace Academy of Engineering,

  
Dr. A Subramaniam  
Principal

For BFG International,

  
Mr. Ravi Mohan  
Chief Executive Officer

  
Witness 1

  
Witness 2



**Eco Vision Industries**

An Organization for a greener world

## MEMORANDUM OF UNDERSTANDING

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and

**Eco Vision Industries** is a manufacturer and Building & Construction Material Suppliers, hereinafter referred to as the Company, represented by **Mr. Jitendra Pareek, Managing Director**, On the Second part.

WHEREAS, in the context of a Government-sponsored scheme to upgrade the skill levels of students above higher-secondary levels so as to accelerate their employment opportunities and to be implemented by the Academy to a specified number of students at the post-higher secondary levels, the Academy has approached the Company for promoting and reinforcing cooperation between the two parties, mutual exchange of information and technical know-how, joint collaborative work in R & D projects, skill training, curriculum development, internship and placement, infrastructure development, improvement of research and academic programmes and also exchange of experts and researchers.

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JAS-ANZ



ISO 9001:2008

**NSIC**

NSIC/NOIDA/GP/RS/07/EN-037

D-15 & 16, Site-B, UPSIDC, Surajpur Industrial Area,  
Greater Noida-203207 (U.P) Tel: 0120-2659899, Fax: 2659799

E-mail: [info@ecovision.in](mailto:info@ecovision.in), Website: [www.ecovision.in](http://www.ecovision.in)

1. Once the Scheme is through after Government's approval, the Academy, at its discretion, will start recruiting the specified number of students and impart theoretical part of the technical know-how covering the conventional methods and their basic principles, for a period of 150 hours.

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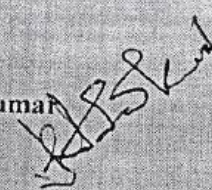
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4. The trainee students will have to make their own arrangements for travel during the trainee period and the company shall not be liable to compensate the students towards these expenses

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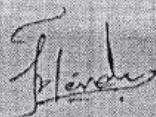
Holy Grace Academy of Engineering,

Dr. R A Jaikumar  
Principal



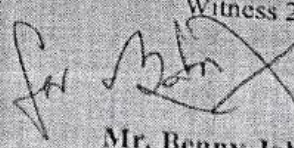
Yashwanth Industries,

Mr. Jitendra Pareek  
Managing Director



Witness 1  
Mr. Benny John Aynikkal  
Secretary  
Holy Grace Academy of Engineering

Witness 2  
Mr. Benny John Aynikkal  
Secretary  
Holy Grace Academy of Engineering



# Invaccs

*Invaccs*

Software Technologies Pvt.Ltd  
41/2694, Dr.Kartha Complex, 2<sup>nd</sup> Floor  
Paramara Road, Ernakulam North  
Cochin-682018, Ph: 0484 4005271  
9841642271Email: invaccs@hotmail.com

*Making IT Better for You*

## **Memorandum of Understanding**

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On the First Part

And

Invaccs Software Technologies Pvt. Ltd., is a software firm engaged in Web Development services, hereinafter referred to as the Company, represented by Shri. Ramesh Kumar G as Managing Director, On the Second part.

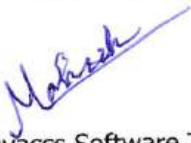
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WHEREAS, as part of implementation of the Scheme, the Company will impart in-plant training to the students covering the practical aspects of the technical know-how, at the institution premises.

NOW, this MoU witnesses the following terms and conditions:

1. The institution will send students to the Company for internship as Trainees, during which period the students will get practical orientation on all aspects.
2. Once the training is over, the concerned students will be referred back to the Academy and there shall be no liability, whatsoever, on the part of the Company to provide employment to the students or absorb them in the company
3. The trainee students will have to make their own arrangements for travel during the trainee period, and the company shall not be liable to compensate the students towards these expenses

This MoU is signed by both parties on the date mentioned above, in the presence of witnesses.



For. Invaccs Software Technologies Pvt. Ltd,

Managing Director

Witness



For. Holy Grace Engineering College

Principal

Witness



**MEMORANDUM OF UNDERSTANDING**  
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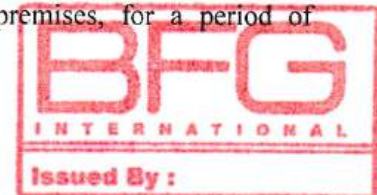
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**BFG International**

Mina Salman Industrial Zone

P.O. Box 26197, Manama, Bahrain

Telephone: +973 17 727063

Facsimile: +973 17 727615




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For BFG International,

  
Mr. Ram Mohan  
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Witness 1

  
Witness 2



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**Eco Vision Industries**

An Organization for a greener world

**MEMORANDUM OF UNDERSTANDING**

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JAS-ANZ



ISO 9001:2008

**NSIC**

NSIC/NOIDA/GP/RS/07/EN-037

D-15 & 16, Site-B, UPSIDC, Surajpur Industrial Area,  
Greater Noida-203207 (U.P) Tel: 0120-2659899, Fax: 2659799

E-mail: [info@ecovision.in](mailto:info@ecovision.in), Website: [www.ecovision.in](http://www.ecovision.in)

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For Holy Grace Academy of Engineering,

**Dr. R A Jaikumar**  
Principal

For Eco Vision Industries,

**Mr. Jitendra Pareek**

Managing Director

**Dr. R.A.JAIKUMAR**  
Principal  
Holy Grace Academy of Engineering  
Mala

Witness 1

**Mr. Sany Edattukaran**  
Chairman

HolyGrace Academy of Engineering

Witness 2

**Mr. Benny John Aynikkal**  
Secretary

HolyGrace Academy of Engineering

# CADCENTER®

2nd Floor, Sreeramajayam Associate Building, North Nada, Above K R Bakes, Kodungallur  
7559961000, 7559962000, 8590001080, Web: www.cadcenter.org Email : cad\_kdr@yahoo.com

As per our discussion in your office dated 18 February 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

CIVIL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I)	1000.00	5000.00	10000.00	10 days
2. Autodesk Revit	3500.00	9500.00	19000.00	8 days
3. Autodesk 3Ds Max Design	4500.00	10500.00	21000.00	15 Days
4. Staad Pro	3000.00	7250.00	14500.00	6 Days
5. E-Tabs	3000.00	7250.00	14500.00	6 Days
6. Autodesk Naviswork	3000.00	7250.00	14500.00	6 Days
7. Quantity Survey	1500.00	3000.00	6000.00	6 Days
8. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

\*Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

Dr. R.A.JAIKUMAR  
Principal  
Holy Grace Academy of Engineering  
Mala

For CADcenter Kodungallur

Channel Partner



Manoj P C

(Mob: 9846638010, 8590508010)

*Handwritten notes in green ink: 'To Mr. Manoj P C' and '08/3/19'*

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December 4 2018

As per our discussion in your office dated 18<sup>th</sup> Jan 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

MECHANICAL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I & III)	1500.00	5000.00	10000.00	10 days
2. Autodesk Revit MEP	9500.00	14750.00	29500.00	10 days
3. MEP Using AutoCAD	8000.00	13500.00	27000.00	10 Days
4. Autodesk Inventor Pro	4250.00	9500.00	19000.00	8 Days
5. Solid Works	4250.00	9500.00	19000.00	8 Days
6. MasterCAM	4250.00	10000.00	20000.00	8 Days
7. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

For CADcenter Kodungallur

Channel Partner



MANOJ P C

(Mob: 9846638010, 8590508010)

Dr. R.A.JAIKUMAR  
Principal  
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December 4 2018

As per our discussion in your office dated 18<sup>th</sup> Jan 2019 regarding software training in your premises. On your request for the software training fees and duration, below is the details for your perusal.

ELECTRICAL DEPARTMENT				
SOFTWARE	Fees for College	Campus FEES	Actual Fees	DURATION (4 Hrs per Day)
1. AutoCAD (Level I & III)	1500.00	5000.00	10000.00	10 days
2. Autodesk Revit MEP	9500.00	14750.00	29500.00	10 days
3. MEP Using AutoCAD	8000.00	13500.00	27000.00	10 Days
4. Electrical CAD	3000.00	6000.00	12000.00	6 Days
7. Project Planning Primavera	3500.00	8750.00	17500.00	6 Days

On Completion of training of each software student awarded with Autodesk course completion certificates for Autodesk products and Center certificate for other software.

Note: i. Required minimum Students 20 Nos for above fees structure.

ii. For Online Exam Additional Fees

1. Autodesk Certified Professional : 3000.00
2. Autodesk Certified User : 850

For CADcenter Kodungallur

Channel Partner

MANOJ P C

(Mob: 9846638010, 8590508010)



Dr. R. A. ...  
Holy Grace ... Engineering

**Kerala State Electronics Development Corporation Ltd.**  
(A Government of Kerala Undertaking)

**KELTRON**<sup>®</sup>  
CIN : U74999KL1972SGC002450

**ITBG - Knowledge Services Group**  
GSTIN : 32AABCK1319E4Z5

Phone: 0471-2724765 || Helpline No: +91 9188665545 || E-mail: iteg@keltron.org || Website Link : ksg.keltron.in

KSG/M/IIITP/10-18/L087

Date: 25/02/2019

**The Principal**

**Holy Grace Academy of Engineering,**  
Holy Grace Rd, Mala, Kerala 680732

Madam/Sir,

**Sub: Proposal from KELTRON for Conducting Skill Development Training Programs in Your Esteemed Institution-Reg.**

We, the Kerala State Electronics Development Corporation Ltd. popularly known as Keltron, wish to introduce ourselves as the pioneers of Electronic Industry in India. Keltron owned by the Government of Kerala was founded in 1973 and has its registered office at Keltron House, Vellayambalam, Thiruvananthapuram. Keltron has spearheaded an electronics revolution in Kerala with production units in most of the districts in Kerala and a marketing network spread throughout India.

Since the year 2000, we have established ourselves in the field of Technical Education as well. As part of our Skill Development initiative, we are conducting short-term and long-term Skill Development Training Programs in around Thirty Five Knowledge Centres distributed throughout Kerala. We also impart Skill Development Programs of Centre for Continuing Education Kerala (CCEK) through its sub-centres in various Government, Aided, Engineering, Polytechnic and Arts and Science Colleges throughout Kerala.

As an industrial group, Keltron is well aware of the latest trends and demand in employment. We have observed that there is potential demand for job-seekers who have attended specific job-oriented courses conducted with direct industrial partnership.

For a systematic and effective implementation of various Skill Development Programs, Keltron as an '**Industrial Training Partner**' shall offer its industrial exposure and expertise in training to the candidates while the Colleges shall be a '**Facilitation Support Partner**' to provide their infrastructure facilities and the '**National Skill Development Corporation (NSDC) Training Partner**' shall coordinate the NSDC Assessment, Certification and provide QP (Qualification Pack) based support training in various skill sectors identified and published by NSDC which conforms to their National Occupational Standards.



Page 1 of 2

A handwritten signature in black ink, followed by a horizontal line.

Hope your esteemed institution may find interest to associate in this venture.

In this context, we kindly request you to inform the students about this opportunity.

Kindly let us know, whether you have any further queries regarding Keltron's Skill Development Programs.

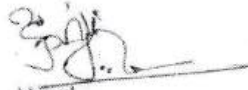
Please feel free to contact any one of the following officials in this regard.

1. Ms. Shalu Krishnan, Sr. Engineer, Knowledge Services Group/ITBG, Keltron, Phone No:0471-2727536, Email ID: [kkcmarketing15@gmail.com](mailto:kkcmarketing15@gmail.com)
2. Mr. Nelvin Tomy, Sr. Project Coordinator Skill Development Programme, IIB Education Pvt. Ltd., Phone No:+91-8606919311, +91-8592854442, Email ID: [keltronrec@gmail.com](mailto:keltronrec@gmail.com)

We look forward to hearing from you soon for a mutually beneficial and fruitful long term relationship.

Sincerely,

For K. S. E. D. C. Ltd.

  
Head

Knowledge Services Group/ITBG



NOW THEREFORE OUM and HGF wish to establish the following Memorandum of Understanding which shall lead to the signing of a Memorandum of Agreement containing the finalised terms and conditions of the proposed collaboration, but not limited to the following:

**ARTICLE 1**

**OBJECTIVES OF THIS MEMORANDUM OF UNDERSTANDING**

- 1.1 This Memorandum of Understanding is entered into between the Parties to formulate the terms and conditions as follows:
- 1.1.1 Relevant add on/top up programmes for Engineering and Management students
  - 1.1.2 Joint research in mutual areas of interest
  - 1.1.3 Joint conferences, seminars and workshops
  - 1.1.4 Delivery of guest lectures in person/through video conferencing
  - 1.1.5 coordinate short-term industry visits and study tour in Malaysia for the Indian students;and
  - 1.1.6 Joint offering of executive programmes and trainings (if applicable)
  - 1.1.7 Short-term internships in relevant area of interests (if applicable)

**ARTICLE 2**

**SCOPE AND RESPONSIBILITIES**

- 2.1 The programme identified above will be conducted in Malaysia.
- 2.2 The scope and responsibilities of the Parties in the execution of this Agreement and the delivery of the programmes are as follows:-

No.	Description	HGF	OUM
(i)	Marketing and Promotion	X	
(ii)	Provision of the student's list	X	
(iii)	Programme structure	X	X
(iv)	Programme management in India	X	
(v)	Programme coordination in Malaysia		X
(vi)	Quality Assurance	X	X
(vii)	Provision of Lecturers / Facilitators	X	X

**ARTICLE 3**

**EXCLUSIVITY**

- 3.1 During the tenure of this Memorandum of Understanding, the Parties shall cooperate on non exclusive basis and either Party shall either make or accept offers or

conclude agreements concerning the Project or any part thereof by itself or with third party(ies).

#### ARTICLE 4

##### INTELLECTUAL PROPERTY

- 4.1 Neither Party may use the name, logo and/or official emblem of the other Party on any publication, document and/or paper without its prior written approval.
- 4.2 All information, knowledge, know-how including all designs, plans, evaluation, reviews, analysis, solutions, results, findings, developments and improvements in relation to any process and/or products achieved or developed by either Party through its sole effort pursuant to and/or resulting from this Agreement which may or may not related to this programme shall belong to that relevant Party.
- 4.3 The ownership of intellectual property rights to work and materials developed jointly by the Parties shall agree upon by the Parties in writing on a case by case basis.

#### ARTICLE 5

##### CONFIDENTIALITY

All information and/or data that may be exchanged, acquired and share in connection with the area of collaboration between **OUM** and **HGF** in pursuant to this Memorandum of Understanding shall be treated as strictly confidential and shall not under any circumstances be divulged by the receiving Party ("Recipient") to any third party without the prior written consent of the originating Party unless otherwise the same had already been made public.

#### ARTICLE 6

##### DURATION AND TERMINATION

- 6.1 This Memorandum of Understanding will be in force from the date on which it is signed and will be effective for duration of **FIVE (5)** years thereto and may be renewed upon agreement in writing by all Parties.
- 6.2 Notwithstanding paragraph 6.1, this Memorandum of Understanding may be terminated by either Party by giving written notice to the other at least **THREE (3) months** prior to the proposed date of termination.
- 6.3 Notwithstanding paragraph 6.2, the provisions of this Memorandum of Understanding or any other written agreement in respect of any ongoing exchange scheme programme or any form of cooperative work under this Memorandum of Understanding shall continue to apply until their completion unless both Parties

mutually agree in writing to the earlier termination of the scheme, programme or cooperative work.

## ARTICLE 7

### FINANCIAL IMPLICATIONS

- 7.1 The ownership of intellectual property rights to work and materials developed jointly by the Parties shall be agreed upon by the Parties in writing on a case by case basis.
- 7.2 Cost details shall be as a separate appendix / attachment to be determined when Parties formalising this Memorandum of Understanding to a formal agreement document.

## ARTICLE 8

### MISCELLANEOUS

- 8.1 Every notice, request or any other communication required or permitted to be given pursuant to this Memorandum of Understanding shall be in writing and delivered personally or sent by registered or certified post or via air mail or via courier or facsimile or by e-mail (which shall be acknowledged by the other Party) to the Parties at their address and facsimile number as stated below:

To: **INSTITUTE OF PROFESSIONAL AND DEVELOPMENT,  
OPEN UNIVERSITY MALAYSIA**  
No 1, Jalan Rampai Maju,  
Rampai Business Park South,  
53300 Kuala Lumpur  
Tel : (6)03 - 4142 0585  
Fax : (6)03 - 4142 0498

**Attention: Associate Professor Dr Richard Ng**  
Director, Institute of Professional Development

To: **HOLY GRACE FOUNDATION**  
Kuruvilassery P.O., Mala,  
Thrissur District.,  
Kerala, India, Pin - 680732  
Tel : +91 480 2897900  
Fax : +91 \_\_\_\_\_

**Attention: Dr Subramanian**  
Principal, Holy Grace Academy of Engineering

IN WITNESS TO THIS MEMORANDUM OF UNDERSTANDING WHEREOF the Parties hereunto affix their signatures:

**SIGNED** for and on behalf of  
**OPEN UNIVERSITY MALAYSIA**

**SIGNED** for and on behalf of  
**HOLY GRACE FOUNDATION**



**PROF. DR AHMAD BIN HASHEM**  
Chief Operating Officer  
METEOR Sdn. Bhd.

**MR. SANY EDATTUKARAN**  
Chairman, Holy Grace Academy of Engineering



**MR. VACKACHAN THAKOLKARAN**  
Chairman, Holy Grace Academy of Management Studies



**MR. JOSE KANNAMPILLY**  
Chairman, Holy Grace Academy CBSE School

Witnessed by,

Witnessed by,



**ASSOC. PROF.DR. RICHARD NG**  
Director,  
Institute of Professional Development



**MR. BENNY JOHN AYNIKKAL**  
Secretary, Holy Grace Academy of Engineering

This **MEMORANDUM OF UNDERSTANDING** is made on the .....day of ..... 2016.

**BETWEEN**

**OPEN UNIVERSITY MALAYSIA**, a private institution of higher learning formed on August 10, 2000 under the Private Higher Educational Institutions Act 1996, owned and managed by UNITEM Sdn. Bhd. (Co. No. 508287-P) a company incorporated under the laws of Malaysia and having its registered address at Jalan Tun Ismail, 50480 Kuala Lumpur, Malaysia (hereinafter referred to as "**OUM**") of the one part;

**AND**

**HOLY GRACE FOUNDATION**, an Educational Society consists of a CBSE school, B School (affiliated to University of Calicut) and Engineering College (approved by AICTE, affiliated to APJ Abdul Kalam Technological University) and having its campus at Kuruvilassery P.O., Mala, Thrissur District., Kerala, India, Pin - 680732 (hereinafter referred to as "**HGF**"); of the other part.

**OUM** and **HGF** shall hereinafter collectively be referred to as the "**Parties**" and individually referred to as the "**Party**".

**WHEREAS** the Parties hereto are entering into this Memorandum of Understanding for the purpose of recording their intention to negotiate and finalise the terms of their co-operation with the objective of strengthening their mutual cooperation as well as striving for the promotion of mutual exchanges:

- A. **OUM** and **HGF** wish to establish a mutually rewarding relationship within which the two institutions can collaborate and partner on a number of academic and research initiatives and co-operations for the state of Kerala, India.
- B. **OUM** is wholly owned by METEOR Sdn. Bhd., a private limited company incorporated in accordance with the laws of Malaysia consisting of a consortium of eleven (11) public universities. **OUM** is also an associate member of Association of Indian Universities (AIU).
- C. **HGF** is a private self-financing Educational Trust, established and run by a Board of Trustees in Kerala.
- D. Both **OUM** and **HGF** agree to execute affiliation and cooperation in specific areas mutually beneficial to both Parties.
- E. **OUM** appoints the Institute of Professional Development (hereinafter referred to as "IPD-OUM") as its programme manager for the collaboration between the two Parties.
- F. **IPD-OUM** is a centre of excellence within the domain of **OUM** that collaborates with industrial players as well as organisations to develop training and development programmes that provide a unique mix of technical, interpersonal, leadership and managerial skills as part of their people development strategy.