



THE CENTER OF EXCELLENCE

MEMORANDUM OF UNDERSTANDING

Non-Committal MOU for QUANTUM LEARNINGS Center of Excellence

This Memorandum of understanding (MOU) is made on this **20th day of March 2021** by and between **QUANTUM LEARNINGS-Center of Excellence (Regd)** situated in Delhi herein after referred to as First party.

And

K S SCHOOL OF ENGINEERING AND MANAGEMENT, Department of Computer Science and Engineering, Bengaluru herein after referred to as Second party.

Thus First and Second party have mutually agreed to this MOU in the following terms and conditions.

1. *This Memorandum of Understanding is being executed on 20-03-2021 date between M/s **Quantum Learnings**. A Microsoft-GTP (Global Training Partner) and Certiport CATC having its Registered office at 193, 3Rd Floor, Vinobhapuri, Lajpat Nagar-II, NewDelhi-110024 and represented by Mr. Sandeep Giyyan Jjethani (Director Institutional, Collaboration) hence for purpose of MOU known as 'Delivery Partner' and **K S SCHOOL OF ENGINEERING &MANAGEMENT, Department of Computer Science and Engineering** hence for purpose of MOU known as 'Resource Partner'.*

2. As an QUANTUM LEARNINGS Centre of Excellence resource partner would get to offer programs mapped with Certifications of **Microsoft, Apple, EC Council, Autodesk, Adobe, Mississippi State University, University of Texas**, in their campus the same would be applicable for students from all streams like IT/ CS, ECE, E&TC, Civil, Mechanical, MCA, Architecture, Commerce, Finance, Marketing etc. in online / offline mode.
3. **“Resource Partner” is not required to make any investment for the COE program.**
4. **“RESOURCE PARTNER” does not commit to provide any assurance on the number of students to be enrolled for the online training and certification program.**
5. Students enrolment is **purely voluntarily** and if they are interested they would directly enrol online and make payment against certification to Quantum Learnings, **“RESOURCE PARTNER”** is nowhere responsible or involved w.r.t financials against the same.
6. **“RESOURCE PARTNER” would ensure full students participation for department wise free webinars being conducted by Quantum learnings for their university/College/Institution.**
7. **“RESOURCE PARTNER” will get campus wise COE licence for students and their faculty’s based on the total strength in the campus along with COE Plaque.**
8. As part of QUANTUM LEARNINGS centre of excellence, resource partner would get access to mentorrally.com a smart AI based placement and aptitude preparation portal.
9. Though the initial period of campus license issued is for period of one year however in-case of any changes in the program and its structure whether partial or in total, some would be communicated at least 60 days in advance to the institution and it would be solely their voluntary decision whether to continue for the program.
10. **“RESOURCE PARTNER” faculty members can participate in the ‘free’ online Faculty Development Programs being offered throughout the year for the technical and Non-teaching staff as they would also get their Certification for the same.**
11. Free Trainings for students who voluntary enroll for certification will be executed through Instructors live online.
12. In-case if the International certification programs or exams are conducted offline, the resource partner would provide the necessary infrastructure, like labs with computers, LCD projectors, internet etc and for that duration would allocate time slot for the execution of the same as per mutual consent.

13. Prices of the voluntary certification for students and other related services are subject to revision as per the policy and changes due to impact of dollar price or any change in state or central government taxes as and when applicable. However, same would be updated on the portal well in advance.

14. If Resource Partner is satisfied with the services provide by COE they would issue a letter of appreciation for the same.

15. The tenure of the contract would be for a period of three years i.e. from 20/03/2021 to 20/03/2024, same cannot be terminated for min period of one year from the date of signing of the MOU.



For Quantum Learning's

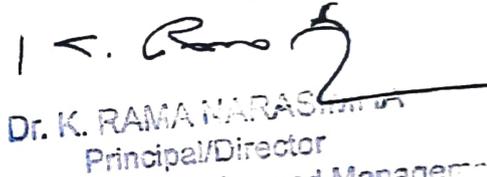
First Party

QUANTUM LEARNINGS

Mr. Sandeep Giyyan JJethani

(Head Institutional Collaboration)

Second Party



Dr. K. RAMA NARASIMHA
Principal/Director
K.S School of Engineering and Management
Bangalore - 560 109

1. Witness

Signature

Date

Letty (Dr. Vandana Jha), HOD, CSE
HOD

20th March 2021 Dept. of Computer Science & Engineering
K.S. School of Engineering & Management
Bangalore-560 062

2. Witness

Signature

Date

(Deepa Yogesh), Asst-Prof, CSE
20th March 2021

VHU TECHNOLOGY AND SOLUTIONS PRIVATE LIMITED

**Regd Office: NO 195/1 KN0 54/1, KALKEREVILLAGE, BANGALORE, Bangalore,
Karnataka, India, 560043**

CIN: U72900KA2016PTC093706

Website: www.http://vhutechnologies.com

E-mail: support@vhutechnologies.com

Ref: VHU/2020/MOU/001

Sep 04, 2020

MEMORANDUM OF UNDERSTANDING

This Memorandum of understanding (MOU) is made on 4th of September 2020 by and between VHU Technology (Regd) situated in Bengaluru herein after referred to as First party.

And

KSSEM, Bengaluru herein after referred to as Second party.

Whereas the First party VHU Technology is a company Registered under the provisions of Companies Act of 1956 incorporated with the main object of providing a platform for budding entrepreneurs, startups and students from across the globe to help them stay conversant about the cutting edge Technologies, draw inspiration from and create a market for themselves and innovate their ideas and thus provides a wide platform for the creative students to enrich their knowledge in the field of technology and has its registered office in the address furnished above.

Whereas the Second party is a educational Institution imparting education to the students in the field of Science in general and Technical education in particular in the address furnished above.

Whereas the First party is interested in offering its qualitative service in providing platform to the students of the Second party Institution and the Second party Institution having gathered required information from various corners is highly appreciative of the service that is being rendered by the First party company and thus accepts the offer made by the First party with an idea of providing a platform

to the students of its Institution and help them to strengthen their future in the field of technology has agreed to accept the service of the First party, for the mutual benefits and thus entering in to this MOU.

Whereas the First party through this MOU makes it clear that it is not charging any fee either for the Institution or for the students while providing platform to the students since the First party is meeting all the needed expenditures through the sponsors and therefore the service is purely an honorary.

Thus, First and Second party have mutually agreed to this MOU in the following terms and conditions.

1. First party should be allowed to conduct the event each year during the even semester. First party we will be bringing in resource persons from various organizations to conduct lectures, seminars and talks on their work, projects/products during the odd semesters, this programme intends to help students and your Institution enjoy better visibility, knowledge gaining, and exposure.
2. The event dates will be decided by the mutual concern of First party and second party. Both the parties will have to cooperate with the same, as the dates will be mainly dependent on the availability of resource persons/the delegates taking part in the programme.
3. The Copyright of all the digital content will remain exclusively with the First party and Second party only.
4. The Institution should not charge any student with a registration fee in respect of an event conducted by the first party during even semester. However, second party shall meet the expenses in respect of the events conducted during odd semesters in which resource persons of the high stature will be brought by the First party to give their valuable service like sharing their expertise knowledge in the field of technology which helps the student community to enrich their knowledge in various spheres of technology.
5. The Institution should not allow any other company or a representative with a similar idea or plan, host or conduct such events within the campus which will be in derogation during the currency of the MOU.

6. Since the entire event is being organized and conducted by means of a sponsorship the First party requires the Second party Institution to give utmost freedom to the First party to promote their Brands/Products in the campus during the events.
7. First party will be sharing all the digital content with global level players through different platforms such as digital media, VHU Technology website, mobile application, social media platforms and technical magazines, which will directly help students as well as the Institution.
8. This MOU will be for a period of 5 years from the date its execution.

For VHU TECHNOLOGY AND SOLUTIONS PRIVATE LIMITED


Authorized Signatory

First Party

 4/9/2020
Second Party

Dr. K. RAMA NARASIMHA
Principal/Director

K S School of Engineering and Management
Bengaluru - 560 109

Witnesses:

1. 

2. 

MEMORANDUM OF UNDERSTANDING

To
K S School of Engineering and Management
Bengaluru, Karnataka - 560062.

This Memorandum of understanding (MOU) is made on this 4th day of MARCH 2020 by and between HARDROCKSPACE Technologies LLP (Regd) situated in Bengaluru herein after referred to as First party.

And

KS SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru herein after referred to as Second party.

Where as the First party HARDROCKSPACE is a company Registered under the provisions of Companies Act of 1956 incorporated with the main object of providing a platform for budding entrepreneurs, startups and students from across the globe to help them stay conversant about the cutting edge Technologies, draw inspiration from and create a market for themselves and innovate their ideas and thus provides a wide platform for the creative students to enrich their knowledge in the field of technology and has its registered office in the address furnished above.

Where as the Second party is a educational Institution imparting education to the students in the field of Art, Science in general and Technical education in particular in the address furnished above.

Where as the First party is interested in offering its qualitative service in providing platform to the students of the Second party Institution and the Second party Institution having gathered required information from various corners is highly appreciative of the service that is being rendered by the First party company and thus accepts the offer made by the First party with an idea of providing a platform to the students of its Institution and help them to strengthen their future in the field of technology has agreed to accept the service of the First party, for the mutual benefits and thus entering in to this MOU.

+91 87479 59440

info@hardrockspace.com
www.hardrockspace.com

No 181, 5th Main,
Jayanagar 4th Block
Bengaluru - 560011



Where as the First party through this MOU makes it clear that it is not charging any fee either for the Institution or for the students while providing platform to the students since the First party is meeting all the needed expenditures through the sponsors and therefore the service is purely an honorary. Thus First and Second party have mutually agreed to this MOU in the following terms and conditions.

1. First party should be allowed to conduct the event each year during the even semester. First party we will be bringing in resource persons from various organizations to conduct lectures, seminars and talks on their work, projects/products during the odd semesters. This programme intends to help students and your Institution enjoy better visibility, knowledge gaining, and exposure.
2. The event dates will be mainly dependent on the availability of resource persons/the delegates taking part in the programme.
3. The Copyright of all the digital content will remain exclusively with the First party and Second party only.
4. The Institution should not charge any student with a registration fee in respect of an event conducted by the first party during even semester. However Second party shall meet the expenses in respect of the events conducted during odd semesters in which resource persons of the high stature will be brought by the First party to give their valuable service like sharing their expertised knowledge in the filed of technology which helps the student community to enrich their knowledge in various spheres of technology.
5. The Institution should not allow any other company or a representative with a similar idea or plan, host or conduct such events within the campus which will be in derogation during the currency of the MOU.
6. Since the entire event is being organized and conducted by means of a sponsorship the First party requires the Second party Institution to give utmost freedom to the First party to promote their Brands/Products in the campus during the events.



+91 87479 59440



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www.hardrockspace.com



No 181, 5th Main,
Jayanagar 4th Block
Bengaluru - 560011



SCAN ME

7. First party will be sharing all the digital content with global level players through different platforms such as digital media, HARDROCKSPACE website, mobile application, social media platforms and technical magazines, which will directly help students as well as the Institution.

8. This MOU will be for a period of 5 years from the date its execution.

K. R. S.

First Party

K. Ramo

Second Party

Dr. K. RAMA NARASIMHA
Principal/Director

K S School of Engineering and Management
Bengaluru - 560 109

Witnesses:

1. Veena R. S. *Veena*
4/3/2020
2. Deepa Yogish *Deepa*
4/3/2020



+91 87479 59440



info@hardrockspace.com
www.hardrockspace.com



No 181, 5th Main,
Jayanagar 4th Block
Bengaluru - 560011



SCAN ME

MEMORANDUM OF UNDERSTANDING

BETWEEN

K S SCHOOL OF ENGINEERING AND MANAGEMENT

AND

DIVYA ENTERPRISES

This Agreement made and entered into on this 5th day of November 2019 between **K S SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru- 560109** and **DIVYA ENTERPRISES** (hereinafter called "**DIVYA ENTERPRISES**") which expression shall include its successors and permitted assignees) with its registered office at Bengaluru.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. to promote interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIVYA ENTERPRISES** in mutually beneficial areas.
- b. to provide a formal basis for initiating interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIVYA ENTERPRISES**.

2. PROPOSED MODES OF COLLABORATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT and **DIVYA ENTERPRISES** propose to collaborate through

- a. Supporting R&D projects, which may be carried out wholly at **K S SCHOOL OF ENGINEERING AND MANAGEMENT**.
- b. Any other appropriate mode of interaction agreed upon between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIVYA ENTERPRISES**.

3. FORMS OF RESEARCH AND DEVELOPMENT PROGRAMS

The form of any of the said Research and Development Program (hereinafter referred to as "Research Program") will be subject to a separate Research Agreement entered into by the Parties but may also include the following:

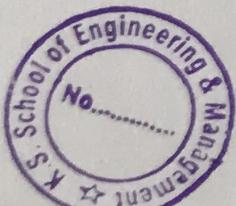
- a. **In their own existing facilities** - The performance of research individually by each Party or concurrently by both Parties in mixed groups at their own facilities with regular exchanges of results.
- b. **In a separate research and development facility** - The performance of research by the technical personnel of both Parties working together in the facilities of one Party or in mixed groups at the facilities supported/ sponsored by either Party.
- c. **Third parties** - The performance of research by the Parties together with one or more third parties.

4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIVYA ENTERPRISES** will be as Communications, Signal Processing and Image Processing.

5. AGREEMENTS FOR RESEARCH COLLABORATION

Research undertaken by the **K S SCHOOL OF ENGINEERING AND MANAGEMENT**, the treatment of intellectual property and data rights, including patents, industrial design registration,



K. Rama
Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) will be remains to the original inventors and in the college name.

6. CONFIDENTIALITY

- a. During and for a period of three years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in writing or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
 - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
 - is already known or become known to the receiving party
 - is received from a third party having no obligations of confidentiality to the disclosing party,
 - is independently developed by the receiving party; or
 - is required to be disclosed by law or court order.

7. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular research agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

8. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 3 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Research Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

9. RELATIONSHIP

Nothing in this MOU shall be construed to make either party a partner, an agent or legal representative of the other for any purpose.

- (a) **Curriculum:** The College will introduce a lab-based course using hardware assembling and soldering practice in their undergraduate/Postgraduate engineering curriculum. The college will also explore other ways to introduce Virtual Instrumentation in their curriculum. DIVYA ENTERPRISES will help the college in framing Course outline.
- (b) **Industrial Visit / Hands-on-Workshop:** DIVYA ENERPRISES will organize hands-on-workshop on "Hardware Practice" for students. The College will provide the infrastructure facility for conducting such workshop in the campus.

10. ASSIGNMENT

It is understood by the Parties herein, this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.



K. Rama
Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109

11. SIGNED IN DUPLICATE

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

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

On behalf of

on behalf of

K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU

DIVYA ENTERPRISES, BENGALURU

By : *K. Rama* 5/11/19
Name : Dr. K. RAMA NARASIMHA
Title : Principal/Director
Date : 05-11-2019
**K S School of Engineering and Management
Bengaluru - 560 109**

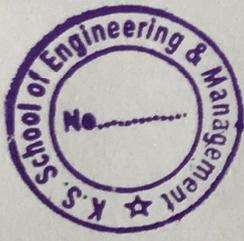
By : *Balasubrahmanya*
Name : BALASUBRAHMANYA
Title : Managing Partner
Date : 05-11-2019

Witness :

Witness :

- 1. *[Signature]* 5/11/19
- 2. *[Signature]* 5/11/19

- 1. *K. N. N. Narasimharao*
- 2. *[Signature]*



DIVYA ENTERPRISES
53/2, Between 5th & 6th Main,
Doddakallasandra,
BANGALORE - 560 062

MEMORANDUM OF UNDERSTANDING

BETWEEN

K S SCHOOL OF ENGINEERING AND MANAGEMENT
(Department of Electronics and Communication Engineering)

AND

DIGITAL SHARK TECHNOLOGY

This Agreement made and entered into on this 27th day of January 2020 between **K S SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru- 560109** and **DIGITAL SHARK TECHNOLOGY** (hereinafter called "DIGITAL SHARK TECHNOLOGY" which expression shall include its successors and permitted assignees) with its registered office at No. 888, SLN Complex, Nagarbhavi 2nd Stage, Outer Ring Road, Papareddypalya, Bengaluru-560072.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a) to promote interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY** in mutually beneficial areas.
- b) to provide a formal basis for initiating interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY**.

2. PROPOSED MODES OF COLLABORATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT and **DIGITAL SHARK TECHNOLOGY** propose to collaborate through

- a) Supporting R&D projects, which may be carried out wholly at **K S SCHOOL OF ENGINEERING AND MANAGEMENT**.
- b) Any other appropriate mode of interaction agreed upon between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY**.

3. FORMS OF RESEARCH AND DEVELOPMENT PROGRAMS

The form of any of the said Research and Development Program (hereinafter referred to as "Research Program") will be subject to a separate Research Agreement entered into by the Parties but may also include the following:

In their own existing facilities - The performance of research individually by each Party or concurrently by both Parties in mixed groups at their own facilities with regular exchanges of results.

- a. **In a separate research and development facility** - The performance of research by the technical personnel of both Parties working together in the facilities of one Party or in mixed groups at the facilities supported/ sponsored by either Party.
- b. **Third parties** - The performance of research by the Parties together with one or more third parties.

4. TECHNICAL AREAS OF COLLABORATION

The principal technical areas of collaboration between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY** will be as Communications, Signal Processing and Image Processing.

5. AGREEMENTS FOR RESEARCH COLLABORATION

Research undertaken by the **K S SCHOOL OF ENGINEERING AND MANAGEMENT**, the treatment of intellectual property and data rights, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) will be remains to the original inventors and in the college name.

6. CONFIDENTIALITY

- a) During and for a period of three years from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in writing or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.

b) The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:

- is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
- is already known or become known to the receiving party
- is received from a third party having no obligations of confidentiality to the disclosing
 - is independently developed by the receiving party
 - is required to be disclosed by law or court order.

7. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular research agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

8. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire 3 years after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 60 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Research Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

9. RELATIONSHIP

Nothing in this MOU shall be construed to make either party a partner, an agent or legal representative of the other for any purpose.



- (a) **Curriculum:** The College will introduce a lab-based course using TEXAS Instruments, NVIDIA, ALTAIR and RIGOL products in their undergraduate/Postgraduate engineering curriculum. The college will also explore other ways to introduce Virtual Instrumentation in their curriculum. **DIGITAL SHARK TECHNOLOGY** will help the college in framing Course outline and experiment list.

- (b) **Hands-on-Workshop:** **DIGITAL SHARK TECHNOLOGY** will organize at least one hands-on-workshop on “Embedded System Design” for students and its faculty members as agreed terms and conditions every year. The College will provide the infrastructure facility for conducting such workshop in the campus. **DIGITAL SHARK TECHNOLOGY** will provide certificates for the participants for workshops powered by TEXAS Instruments Technology.

- (c) **Internship:** **DIGITAL SHARK TECHNOLOGY** will shortlist three candidates for internships based on their performance and willingness to work on projects.

- (d) **Workshops/Events:** If the College wishes to organize a national event in the area of the MSP430/Wireless Sensor Network, Embedded Systems & IoT, AI/ML, PCB Designing, Signal processing, Image Processing and Communication system **DIGITAL SHARK TECHNOLOGY** will provide speakers.

- (e) **Training Programs:** **DIGITAL SHARK TECHNOLOGY** will assist the college in organizing training programs /tutorials on topics related to MSP430 and Wireless Sensor Network. **DIGITAL SHARK TECHNOLOGY** will provide certificates for the participants of such programs.

10. ASSIGNMENT

It is understood by the Parties herein, this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

11. SIGNED IN DUPLICATE

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

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

On behalf of

On behalf of

**K S SCHOOL OF ENGINEERING AND
TECHNOLOGY
MANAGEMENT, BENGALURU**

DIGITAL SHARK

BANGALORE

By : 

By : 

Name : Dr. K. RAMA NARASIMHA

Name : PRASHANTH RAM

Title : Principal/ Director

Title : Chief Marketing Officer.

Date : 27-1-2020

Date : 27-01-2020

Witness :

Witness :

- 
1. Dr. Girish A. Athmasud
- 
2. Dr. P. Kasthur

- 
1. Prathima. K.T
- 
2. Sabitha. L.

MEMORANDUM OF UNDERSTANDING

BETWEEN

K S SCHOOL OF ENGINEERING AND MANAGEMENT
(Department of Electronics and Communication Engineering)

AND

DIGITAL SHARK TECHNOLOGY

This Agreement made and entered into on this 27th day of January 2020 between **K S SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru- 560109** and **DIGITAL SHARK TECHNOLOGY** (hereinafter called "DIGITAL SHARK TECHNOLOGY" which expression shall include its successors and permitted assignees) with its registered office at No. 888, SLN Complex, Nagarbhavi 2nd Stage, Outer Ring Road, Papareddypalya, Bengaluru-560072.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a) to promote interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY** in mutually beneficial areas.
- b) to provide a formal basis for initiating interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY**.

2. PROPOSED MODES OF COLLABORATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT and **DIGITAL SHARK TECHNOLOGY** propose to collaborate through

- a) Supporting R&D projects, which may be carried out wholly at **K S SCHOOL OF ENGINEERING AND MANAGEMENT**.
- b) Any other appropriate mode of interaction agreed upon between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **DIGITAL SHARK TECHNOLOGY**.



KAMMAVARI SANGHAM (R), 1952
K.S. School of Engineering and Management

Approved by AICTE-1-5279601, Affiliated to VTU, Belagavi
15, Near Vajarahalli, Mallasandra, off Kanakapura Road,
Bengaluru - 560 019, www.kssem.edu.in
Tel : +91 80 28425012/013/163, Fax : +91 80 28425164, Mob : 8884444408

MEMORANDUM OF UNDERSTANDING

BETWEEN

K S SCHOOL OF ENGINEERING AND MANAGEMENT
(DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING)

AND

V I SOLUTIONS

This Agreement made and entered into on this 29th day of January 2020 between **K S SCHOOL OF ENGINEERING AND MANAGEMENT, Bengaluru- 560109** and **V I SOLUTIONS** (hereinafter called " V I Solutions" which expression shall include its successors and permitted assignees) with its registered office at Bengaluru.

1. OBJECTIVES OF THE MOU

The objective of this Memorandum of Understanding is:

- a. to promote interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **VI SOLUTIONS, Bangalore** in mutually beneficial areas.
- b. to provide a formal basis for initiating interaction between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **VI SOLUTIONS, Bangalore**.

2. PROPOSED MODES OF COLLABORATION

K S SCHOOL OF ENGINEERING AND MANAGEMENT and **V I SOLUTIONS** propose to collaborate through

- a. Supporting R&D projects, which may be carried out wholly at **K S SCHOOL OF ENGINEERING AND MANAGEMENT**.
- b. Any other appropriate mode of interaction agreed upon between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **V I SOLUTIONS**.

3. FORMS OF RESEARCH AND DEVELOPMENT PROGRAMS

The form of any of the said Research and Development Program (hereinafter referred to as "Research Program") will be subject to a separate Research Agreement entered into by the Parties but may also include the following:



KAMMAVARI SANGHAM (R), 1952

K.S. School of Engineering and Management

Approved by AICTE-1-5279601, Affiliated to VTU, Belagavi
15, Near Vajarahalli, Mallasandra, off Kanakapura Road,
Bengaluru - 560 019, www.kssem.edu.in

Tel : +91 80 28425012/013/163, Fax : +91 80 28425164, Mob : 8884444408

- a. **In their own existing facilities** - The performance of research individually by each Party or concurrently by both Parties in mixed groups at their own facilities with regular exchanges of results.
- b. **In a separate research and development facility** - The performance of research by the technical personnel of both Parties working together in the facilities of one Party or in mixed groups at the facilities supported/ sponsored by either Party.
- c. **Third parties** - The performance of research by the Parties together with one or more third parties

4. TECHNICAL AREAS OF COLLABORATION

The principle technical areas of collaboration between **K S SCHOOL OF ENGINEERING AND MANAGEMENT** and **V I SOLUTIONS** will be as Communications, Signal Processing and Image Processing.

5. AGREEMENTS FOR RESEARCH COLLABORATION

Research undertaken by the **K S SCHOOL OF ENGINEERING AND MANAGEMENT**, the treatment of intellectual property and data rights, including patents, industrial design registration, copyrights and all other proprietary information (including innovations not patented, designs not registered etc.) will be remains to the original inventors and in the college name.

6. CONFIDENTIALITY

- a. During and for a period of one year from the date of disclosure, each party agrees to consider as confidential all information disclosed by the other party in writing or tangible form or, if orally disclosed confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party.
- b. The obligations above shall not extend to any confidential information for which the receiving party can prove that this information:
 - is in the public domain at the time of disclosure or comes within the public domain without fault of the receiving party.
 - is already known or become known to the receiving party
 - is received from a third party having no obligations of confidentiality to the disclosing party,
 - is independently developed by the receiving party; or
 - is required to be disclosed by law or court order.

7. NON-EXCLUSIVITY

The relationship of the parties under this MOU shall be nonexclusive and both parties, including their affiliates, subsidiaries and divisions, are free to pursue other agreements or collaborations of any kind. However, when entering into a particular



KAMMAVARI SANGHAM (R), 1952

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research agreement, the participants may agree to limit each party's right to collaborate with others on that subject.

8. TERMS AND TERMINATION

This MOU, unless extended by mutual written agreement of the parties, shall expire one year after the effective date specified in the opening paragraph. This MOU may be amended or terminated earlier by mutual written agreement of the parties at any time. Either party shall have the right to unilaterally terminate this MOU upon 30 days prior written notice to the other party. However, no such early termination of this MOU, whether mutual or unilateral, shall affect the obligations of the participants under any Research Agreement, Confidentiality clause as referenced in clause 6 above, or any other agreement entered into pursuant to this MOU, which obligations shall survive any such termination.

9. RELATIONSHIP

Nothing in this MOU shall be construed to make either party a partner, an agent or legal representative of the other for any purpose.

- (a) **Curriculum:** The College will introduce a lab-based course using the National Instruments Platform in their undergraduate/Postgraduate engineering curriculum. The college will also explore other ways to introduce Virtual Instrumentation in their curriculum. VI SOLUTIONS, Bangalore will help the college in framing Course outline and experiment list.
- (b) **Hands-on-Workshop:** VI SOLUTIONS, Bangalore will organize at least one hands-on-workshop on "Embedded System Design" for students and its faculty members as agreed terms and conditions every year. The College will provide the infrastructure facility for conducting such workshop in the campus. VI SOLUTIONS, Bangalore will provide certificates for the participants for workshops authorized by National Instruments.
- (c) **Internship:** VI SOLUTIONS, Bangalore will shortlist candidates for internships immediately after the 3 day workshop based on their performance and willingness to work on projects.
- (d) **Workshops/Events:** If the College wishes to organize a national event in the area of the MSP430/Wireless Sensor Network, PCB Designing, Signal processing, Image Processing. VI SOLUTIONS, Bangalore will provide speakers.
- (e) **Training Programs:** VI SOLUTIONS, Bangalore will assist the college in organizing training programs /tutorials on topics related to MSP430 and Wireless Sensor Network. Faculty members from the college who have undergone train-the-trainer program and who are certified by National Instruments as trainers may run paid VI SOLUTIONS, Bangalore certified training programs.



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VI SOLUTIONS, Bangalore will provide certificates for the participants of such programs.

10. ASSIGNMENT

It is understood by the Parties herein, this MOU is based on the professional competence and expertise of each party and hence neither Party shall transfer or assign this Agreement, or rights or obligations arising hereunder, either wholly or in part, to any third party.

11. SIGNED IN DUPLICATE

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

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

On behalf of

on behalf of

**K S SCHOOL OF ENGINEERING
AND MANAGEMENT, BENGALURU**

VI SOLUTIONS, BENGALURU

By : *[Signature]*

By : *[Signature]*

Name : Dr. K. RAMA NARASIMHA

Name : SUNIL KUMAR V

Title : Principal/ Director

Title : DIRECTOR

Date : 29-1-2020

Date : 29-01-2020



Witness :

Witness :

1.

[Signature]
Dr. Binsh V A. 29/1/2020

1.

[Signature]
29-01-2020
Prasanth A.

2.

[Signature]
Dr. P. Karthik

2.

[Signature]
29-01-2020
Suresh V

K.S. School of Engineering & Management
15 Mallasandra, off Kanakapura Road,
Bangalore-560 062.

MEMORANDUM OF UNDERSTANDING (MOU)

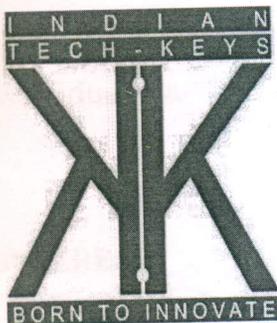
BETWEEN



KSSEM
K S SCHOOL OF ENGINEERING AND MANAGEMENT

KS School Of Engineering and
Management, Bengaluru

&



Indian Tech-Keys
Bengaluru

MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** (hereinafter called as the 'MOU') is entered into on this the 26th day of November Two Thousand Nineteen (2019),

BETWEEN

K.S School of Engineering and Management, Holiday Village Road, Vajarahalli Village, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062, the First Party represented herein by its Principal, **Dr. K Ramanarasimha** (hereinafter referred as '**First Party**', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

Indian Tech-Keys, #1-Shree Sharada Building, Krshina Murty nagar, New Baiyyappanalli extension, Old Madras Road Bengaluru, Karnataka-560038 , the Second Party, and represented herein by its Director, **Mr. Kotresh Mundrugi**, (hereinafter referred to as "**Second Party**", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- A) First Party is a Higher Educational Institution named:
- (i) **K.S School of Engineering and Management..**

- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;
- E) **Indian Tech-Keys** , the Second Party is engaged in Business, Manufacturing, Skill Development, Education and R&D Services in the fields of **Electronics Product manufacturing and Industrial Automation-** and related fields
- F) **Indian Tech-Keys** ,the Second Party is promoted by **Kotresh M** ; #1-Shree Sharada Building,1st main Krshina Murty nagar,New Baiyyappanalli extension, Old Madras Road Bengaluru,Karnataka-560038.
- G) **Indian Tech Keys** is an organization came up with an intention to become successful technology leader by providing cutting edge technical solutions to the world. We help industries and educational institution to covert the ideas into product.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1 CO-OPERATION

- 1.1 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.

- 1.2 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.
- 1.3 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.

CLAUSE 2 SCOPE OF THE MoU

- 2.1 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.
- 2.2 **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.
- 2.3 **Industrial Training & Visits:** Industry and Institution interaction will give an insight into 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.

- 2.4 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of - **Industrial Automation, Internet of Things.**
- 2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready. **First party should provide a slot to conduct skill development program at beginning of every semester on cutting edge technologies. After this SDP program, innovation lab will be taking care of product development on that technology.**
- 2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lectures to the students of the First Party on the technology trends and in house requirements.
- 2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 **Innovation lab Establishment :** **After couple of skill development programs (Min 4),** Second party will extend its support for technical skill development of students through innovation lab establishment. Investment

for Innovation lab initial setup will be done by second part whereas further investment for innovation lab will be generated through innovation lab registration process.

- 2.10 **E-Store** : Second part will establish e store for easy access for component and equipment to students for their innovation activates.
- 2.11 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein

CLAUSE 3 INTELLECTUAL PROPERTY

- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **Indian Tech-Keys**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Indian Tech-Keys**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 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

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.

K. Rama 26/11/19
Dr. K Rama Narasimha

For INDIAN TECH KEYS

Kotresh M 26/11/19
Mr. Kotresh M
Authorised Signatory

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of **Bengaluru-Karnataka.**

AGREED:

**For K.S School of Engineering
& Management**

For Indian Tech-Keys

For INDIAN TECH KEYS

K. Rama 26/11/19

Authorized Signatory

Kotreshm 26/11/19
Authorized Signatory

Authorized Signatory

K.S School of Engineering & Management	Indian Tech Keys
Holiday Village Road, Vajarahalli Village, Bangalore City Municipal Corporation Layout, Bengaluru, Karnataka 560062	#1-Shree Sharada Building, Krshina Murty nagar, New Baiyyappanalli extension, Old Madras Road Bengaluru, Karnataka-560038
+91 9606055906, +91 9900633688	+91 95385 05796
principal@kssem.edu.in	kotreshm@indiantechkeys.com
www.kssem.edu.in	indiantechkeys.com

Witness1:

Witness2:



Indian Tech-Keys

Born To Innovate

11, R M N Towers, Near SVR Metro Station, Bengaluru-560 038.

www.indiantechkeys.com

+91 95385 05796

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Arjun A (1KG17EE002)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at **"ITK Innovation Centre", Bengaluru, KA-India** during the period from 01-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

Indian Tech-Keys.



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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Dheena P (1KG18EE003)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at **"ITK Innovation Centre", Bengaluru, KA-India** during the period from 01-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Jayawanth B (1KG18EE005)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at **"ITK Innovation Centre", Bengaluru, KA-India** during the period from **01-09-2021 to 30-09-2021**.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Nikitha P (1KG18EE009)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, KA-India during the period from 01-09-2021 to 30-09-2021.

Her performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating her desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sagar K (1KG18EE010)** student of **K S School of Engineering and Management** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, KA-India during the period from 1-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based mobile application development and python based webpage development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

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This is to certify that **Mr. Sai Darshan G (1KG18EE011)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at **"ITK Innovation Centre", Bengaluru, KA-India** during the period from **01-09-2021 to 30-09-2021**.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

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Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Sushma Udupa K S (1KG18EE012)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, KA-India during the period from 01-09-2021 to 30-09-2021.

Her performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating her desire to learn and critical thinking towards the problem solving in product development for various applications.

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Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Varshini K (1KG18EE013)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, KA-India during the period from 01-09-2021 to 30-09-2021.

Her performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating her desire to learn and critical thinking towards the problem solving in product development for various applications.

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Anilkumar S (1KG17EE001)** student of **K S School of Engineering and Management** has successfully completed Internship at **"ITK Innovation Centre"**, Bengaluru, KA-India during the period from **13-09-2021** to **13-10-2021**.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

Kotresh Mundrugi

Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. Nirosha (1KG20EE403)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, **Bengaluru, KA-India** during the period from 01-09-2021 to 30-09-2021.

Her performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating her desire to learn and critical thinking towards the problem solving in product development for various applications.

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Prajwal V (1KG19EE004)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at **"ITK Innovation Centre", Bengaluru, KA-India** during the period from 01-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Gowtham R (1KG19EE003)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, **KA-India** during the period from 01-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.



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Director

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TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. Sharan G (1KG19EE007)** student of **K S School of Engineering and Management, Bengaluru** has successfully completed Internship at “**ITK Innovation Centre**”, Bengaluru, KA-India during the period from 01-09-2021 to 30-09-2021.

His performance during Internship was excellent in the domain of **Embedded System Design and Development, IoT based Mobile Application Development and Python based Web Page Development**. Project during the Internship was demonstrating his desire to learn and critical thinking towards the problem solving in product development for various applications.



Kotresh Mundrugi

Director

Indian Tech-Keys.



KSSEM

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K.S. School of Engineering and Management

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MEMORANDUM OF UNDERSTANDING

Between

K S SCHOOL OF ENGINEERING AND MANAGEMENT BENGALURU

&

GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA

Date: - 10/03/2021

1. BACKGROUND

This MoU is for the benefits of students for Mechanical / Mechatronics / Automobile / Tooling / High Precision Manufacturing / Renewable Energy Industries. This MoU is for the conducting internship Training, Projects, Workshop, Seminar, Faculty Development Programme and Industry-Institute Interactions, Under Taking the following Branch's

1. Mechanical Engineering.

1.1. BENEFITS TO THE K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU

- i. Opportunity to emerge as one of the competent entities in the academic circles in research and development in the area of Mechanical Engineering;
- ii. Opportunity to be recognized by the industry and academic circles as one of the preferred locations for acquiring training and skills development in latest technology Machine Tools and software.
- iii. Opportunity to utilize the Program to train students on Latest Technology Machine Tools, Software products and technologies.



10/3/2021



- iv. Opportunity for the faculty and students of K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU to design world class curriculum capable of delivering the caliber of Mechanical Engineering skills required at present and also for the future
- v. Students will get 20% discount in course fees, provided with minimum batch quantity of 20 No's and Fees will be directly deposited to GTTC through institutes.

1.2. BENEFITS FROM GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA.

- i. Students and faculty will get the technical support on latest technology along with paper presentations and live projects.
- ii. Students and faculty will get the coding level workshop program, CNC programming and coding on latest technologies and workshop program will be on hands on work.
- iii. GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA will support for student-final year academic project with training and development on as per student problem statement and also latest technology.

2. MONITORING OF IMPLEMENTATION

A Co-ordination Committee consisting of two faculty members of K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU and two officers nominated by GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA will do the planning and monitoring of the implementation of the various aspects of this MoU. There will be an annual review. This review would primarily focus on the curriculum progress, faculty availability and certification.



10/3/2021



any, except as may be required by law or on a strictly "need-to-know" basis for the purpose of implementing this MoU, or its subsequent amendments, if any, unless express prior written consent of the other party shall have been obtained in advance.

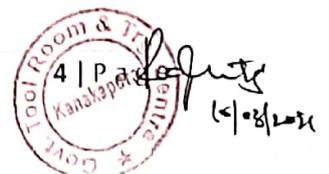
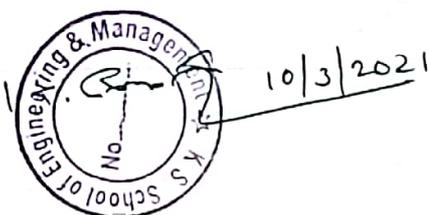
- xi. Save for their respective rights and obligations relating to Intellectual Property Rights (including the ownership of the Intellectual Property) as mentioned in Clause herein above, neither party is liable to the other for any damages or claims.
- xii. Unless previously consented to by both parties, there shall be no assignment of any interest under this MoU by any party hereto.

SUMMARY:

- ❖ *GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA* recognizes the significance of the Principal of *K S SCHOOL OF ENGINEERING AND MANAGEMENT, BENGALURU* initiative to be the leader in the field of Tooling and High Tech Technology related academia in the country.
- ❖ *GOVT. TOOL ROOM AND TRAINING CENTRE – KANAKAPURA* proposes to make available the appropriate technology and expertise to develop *K S School of Engineering And Management, BENGALURU* position as a leading institute providing high quality skilled resources. This Memorandum of Understanding is intended to express the broad understanding of the parties regarding their working with each other to the extent possible for their mutual benefit.

K. Rama 10/3/2021
Dr. K. RAMA NARASIMHA
Principal/Director
K S School of Engineering and Management
Bengaluru - 560 109
Signature with seal & date
**K S SCHOOL OF ENGINEERING &
MANAGEMENT, BENGALURU**

Raghu 10/08/2021
PRINCIPAL
Govt. Tool Room & Training Centre
Signature with seal & date
**GOVT. TOOL ROOM AND TRAINING
CENTRE,
KANAKAPURA**





KAMMAVARI SANGHAM (R), 1952
K.S. School of Engineering and Management

Approved by AICTE-1-5279601, Affiliated to VTU, Belagavi
15, Near Vajarahalli, Mallasandra, off Kanakapura Road,
Bengaluru - 560 109, www.kssem.edu.in

Tel : +91 80 28425012/013/163, Fax : +91 80 28425164, Mob : 8884444408 / 9606055906

MEMORANDUM OF UNDERSTANDING

BETWEEN



K S SCHOOL OF ENGINEERING AND MANAGEMENT

#15, Mallasandra, off. Kanakapura Road, Bengaluru-560109, Karnataka

And



BANGALORE AIRCRAFT INDUSTRIES PVT LTD

No. 39 Aerospace Park KIADB, Bengaluru, Karnataka 562129

Date: 30.09.2021

MEMORANDUM OF UNDERSTANDING



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This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this 30th day of September, Two Thousand and Twenty-one (30-09-2021), by and between

K S SCHOOL OF ENGINEERING AND MANAGEMENT, having its office at Mallasandra, off. Kanakapura Road, Bengaluru, Karnataka 560109 hereafter referred as "FIRST PARTY", represented by Dr. K Rama Narasimha, Principal/Director as the party of the Academic Institution and Mr. Vinay R, Member Convener of Industry Institute Interaction Cell, KSSEM.

And

Bangalore Aircraft Industries Pvt. Ltd an organization having its office situated at No. 39, Aerospace Park KIADB, Bengaluru, Karnataka 562129, herein referred as "SECOND PARTY" represented by Sri. K E Girish, Co-Founder & Director, BANGALORE AIRCRAFT INDUSTRIES PVT. LTD, Bengaluru.

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERE TO AGREE AS FOLLOWS:

1) CO-OPERATION:

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 the information that may be relevant to secure additional opportunities for one another.

2) SCOPE OF THE MOU:

The potential 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. The Department of Mechanical Engineering, KSSEM, is very well equipped with the faculty as well as



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laboratory resources supported by world class infrastructure to fulfill its objectives. BAIL is well equipped with team of professionals experienced in the field of aircraft design and development along with the industrial infrastructure required to design and development of airframe structural components for small aircraft.

In order to utilize the resources of both parties effectively for the benefit of perusing undergraduate, graduates and faculties both the parties agree to work on potential initiatives. These initiatives include:

- **Industrial Training/Internship and Project work:**

1. Industry and Institution interaction will give an insight in to the latest developments/requirements of the industries; Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready at a cost as mutually agreed upon.
2. The industrial training and exposure provided to students through this association will build confidence and prepare the students to have a smooth transition from academic to working career. Second party to help the students of first party in academic project work in terms of technical support.

- **Invited Expert Lectures:**

1. Bringing in speakers with proven expertise from industry in a specific topic provides added credibility to the contents of the curriculum. This provides students not only with different points-of-view, but also with potential resources they can apply in later courses.
2. In this connection, second Party to extend the necessary support to organize/deliver guest lectures/Invited talks/workshop to the students as well as faculties of the First Party on the technology trends and in emerging fields.

- **Engineering Consultancy:**

1. Department of Mechanical Engineering is well equipped with state-of-the-art laboratory equipments and high-end computing software. Second party to support getting the engineering consultancy work to the First party on a mutually agreed term.
2. Both parties understand and acknowledge that they are making a significant commitment to this collaborative effort. Accordingly, parties agree to expand their best efforts on their implementation and successful continuation of the said venture.

3) INTELLECTUAL PROPERTY

Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

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4) **CLAUSE OF VALIDITY**

- This MoU will be taken effect from the date it is signed by the representatives of both parties. It will be valid for a period of *two years* from the date of signing. The agreement is renewable further as per the need of both parties after suitable review.
- Both parties shall take all responsible steps to ensure the successful completion of the collaboration and shall cooperate with each other in performance of their respective obligations. Either party may terminate the MoU by giving written notice to the other party, one month in advance.
- However, both parties will ensure that all activities in progress are allowed to complete successfully.

5) **ARBITRATION CLAUSES:**

- All disputes, differences or claims arising out of or in relation with this MOU not limited but inclusive of as regards to rights, liabilities, damages, claims, breach or interpretation of this MOU between the Parties shall be referred to arbitration.
- Any party shall give a written notice to other party of existing such dispute, difference or claim. On receipt of such notice within 10 days, the Head of Institution of KSSEM and the Partner, BAIL or any other persons so nominated by the respective parties, shall meet together and try to resolve such dispute, difference or claim amicably. If such amicable solution is not arrived within one month, then the matter shall be referred to Arbitration.

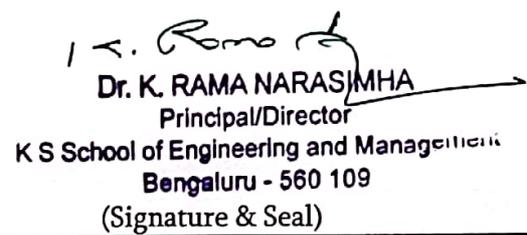
In witness whereof the Parties have caused this Agreement to be executed by their duly authorized representatives on this 30th day of September 2021, at K S School of Engineering and Management, Bengaluru.

K.S. School of Engineering and Management

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Dully Signed by

For, Bangalore Aircraft Industries Pvt. Ltd	For, K S School of Engineering and Management
Name: Sri. Girish K E	Name: Dr. K Rama Narasimha
Designation: Co-founder and Director	Designation: Principal/Director, KSSEM
 (Signature & Seal)	 (Signature & Seal)

Witness:

Signature: 
 Name: Dr P.N. Jyothi
 Designation: Professor

Signature: 
 Name: SRINIVAS MURTHY G.K.
 Designation: SENIOR ENGINEER