

# Memorandum of Understanding

*between*  
Electronics and Communication Engineering Department  
Basaveshwar Engineering College, Bagalkote  
*and*  
AG Electric Motors, Karad, Maharashtra

13<sup>th</sup> June 2024

**Memorandum of Understanding**  
between  
**Electronics and Communication Engineering Department**  
**Basaveshwar Engineering College, Bagalkote**  
and  
**AG Electric Motors, Karad, Maharashtra**

This Memorandum of Understanding (MoU) signed on this **13<sup>th</sup> Day of June 2024** between

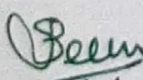
**Electronics and Communication Engineering Department, Basaveshwar Engineering College, Bagalkote, Karnataka - 587102**, a government aided autonomous institution, affiliated to Visvesvaraya Technological University, Belagavi, referred to as ECE, BEC (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the **FIRST PARTY**,  
And

**AG Electric Motors, Karad** is an industry referred to as **AGE** (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the **SECOND PARTY**.

ECE, BEC and AGE shall collectively be referred to as *Parties* and individually as *Party*.

**PREAMBLE**

- (1) ECE, BEC a reputed technical institution involved in conducting degree-granting programs, research and consultancy and AGE a well known industry involved in design, manufacturing and export of all types of standard and customized electric motors, motor stampings and any rotating electrical machines worldwide.
- (2) BEC and AGE have a common objective of the development of new technologies and technical man power and dissemination of knowledge as well.
- (3) BEC and AGE are willing to collaborate in the promotion of teaching and research, and desire to enter into a *Memorandum of Understanding* for the purpose of fulfilling their objectives in a better way,
- (4) The collaboration between BEC and AGE will be carried out under the leadership of faculty members of the Department of Electronics and Communication Engineering and staff of AGE
- (5) Faculty members, students, and personnel of ECE, BEC, and the management and personnel of AGE will conduct joint collaborative research work, teaching and related work of mutual interest, and
- (6) BEC and AGE are desirous to enter into a service agreement on the aforesaid activities.

  
**Principal**  
**Basaveshwar Engineering College (A)**  
**BAGALKOT-587102**

  
**Professor and Head**  
Department of Electronics & Communication Engg  
**Basaveshwar Engineering College,**  
**BAGALKOT-587102**



NOW THEREFORE intending to be legally bound together, the parties to this MoU agree as follows:

## 1. SCOPE OF COLLABORATION

1.1 The objectives of the collaboration towards promoting research in the areas of design, manufacturing and quality testing of electronic components in electrical motors, shall include, but not limited to:

- (1) Collaborative research at under-graduate and post-graduate level in the domain described above;
- (2) Laboratory Experimental Studies to support the collaborative research, including testing of full-scale and reduced-scale models; and

1.2 The activities to be carried out under this collaboration shall include, but not limited to:

- (1) Joint Research Projects at under-graduate, master and doctoral levels with joint supervision by faculty of BEC and staff of AGE;
- (2) Mutually Sharing of facilities available at BEC and AGE;
- (3) Joint Consultancy Projects by the faculty and students of BEC and Staff of AGE;
- (4) Joint site visit to understand and visualize the problem statements by faculty and staff of BEC and AGE.
- (5) Technical Content development for teachers, engineers, architects and scientists;
- (6) Jointly Organize various Outreach Activities (including, internship, Training Programs, Conferences, and Field Visits to project sites) for engineers, architects, teachers, trainers and students from across the country and abroad in the areas of design, manufacturing and quality testing of electronic components in electrical motors;
- (7) Publish scholarly research articles in renowned journals/conferences.

## 2. MODE OF COLLABORATION

The modes of collaboration are:

- (1) Prior to the initiation of any activity, the scope and the specific terms of collaboration, and the financial support required for activity shall be discussed and mutually agreed upon in writing by the respective competent authorities of the two Parties.
- (2) Either Party may propose to the other any specific individual activity for collaboration at any time, and the Parties shall develop an agreement for each of such agreed activity.

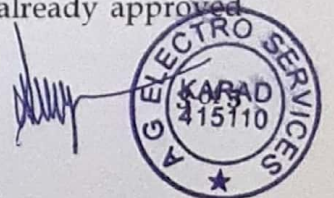
## 3. GENERAL TERMS

The general terms of collaboration are:

- (1) The Parties agree that in the course of implementing this MoU, they shall not engage in unlawful discrimination.
- (2) Amendments to the scope and activities under this MoU may be made at any time after consultation and agreement between the two parties. Any such amendment shall be in writing and signed by both Parties, and shall be effective from the date of signature of both Parties.
- (3) This MoU will remain in force for a period of ten (10) years from the date it is signed. At the end of the 10-year term, the MoU may be extended for a further period of 10 years, based on mutual understanding.
- (4) Either Party may terminate the MoU in advance of its normal expiry by providing the other with six months prior written notice. In such a case, activities already approved

*Prof. Dr. J. K. Jaiswal*  
**Professor and Head**  
Department of Electronics & Communication Engg.  
Basaveshwar Engineering College,  
BAGALKOT-587102

*Dr. J. K. Jaiswal*  
**Principal**  
Basaveshwar Engineering College  
BAGALKOT-587102



under this MoU shall be completed under the conditions specified at the time of their initiation.

#### 4. ADVISORY COMMITTEE

An Advisory Committee (AC) comprising of members from BEC and AGE shall be constituted for enhancing the effectiveness of this collaboration. The composition of the Advisory Committee shall be:

S.No.	Role	Person
1	Co-Chairmen	<b>Dr. Jayashree D. Mallapur</b> Professor and Head Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
2		<b>Shri. Shridhar Ramdurgkar</b> Owner, AG Electric Motors (AG Electro Services) AG Electric Motors, Karad, Maharashtra
3	Members	<b>Dr. P. N. Kulkarni</b> Dean (Academic) and Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
4		<b>Dr. Shridhar S. K.</b> Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
5		<b>Dr. Vijayalakshmi S. Jigajinni</b> Assistant Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
6		<b>Dr. Mamata J. Sataraddi</b> Assistant Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
7		<b>Dr. Rajani S. Pujar</b> Assistant Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
8		<b>Nominee 1</b> AG Electric Motors (AG Electro Services) AG Electric Motors, Karad, Maharashtra
9		<b>Nominee 2</b> AG Electric Motors (AG Electro Services) AG Electric Motors, Karad, Maharashtra
10		<b>Nominee 3</b> AG Electric Motors (AG Electro Services) AG Electric Motors, Karad, Maharashtra
11	Convener	<b>Dr. Mahabaleshwar S. K.</b> Dean (R&D), Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote

*Smallam*  
**Professor and Head**  
Department of Electronics & Communication Engg  
Basaveshwar Engineering College,  
BAGALKOT-587102

*Seen*  
**Principal**  
Basaveshwar Engineering College (A)  
BAGALKOT-587102



The Parties hereto have signed this MoU as on the day month and year first written here above.



Signed on behalf of BEC Bagalkot

**Dr. Veena Sôraganvi**  
**Principal**

Basaveshwar Engineering College  
Bagalkot - 587103  
EMail: principal@becbgk.edu

**Principal**

**Basaveshwar Engineering College (A)**  
**BAGALKOT-587102**  
Witness (BEC)

- 1) **Dr. P. N. Kulkarni**  
Dean (Academic) and Professor  
Department of Electronics and  
Communication Engineering  
Basaveshwar Engineering College, Bagalkot

- 2) **Dr. Jayashree D. Mallapur**  
Professor and Head  
Department of Electronics and Communication  
Engineering  
Basaveshwar Engineering College, Bagalkot

**Professor and Head**  
Department of Electronics & Communication Engg  
Basaveshwar Engineering College,  
BAGALKOT-587102



Signed on behalf of AGE Karad

**Shri. Shridhar Ramdurgkar**  
**Owner**  
AG Electric Motors  
(AG Electro Services), Karad,  
Maharashtra

Witness (AGM)

- 1) AG Electric Motors  
(AG Electro Services), Karad,  
Maharashtra

**Shailesh Molite**

- 2) AG Electric Motors  
(AG Electro Services), Karad,  
Maharashtra



# Memorandum of Understanding

*between*  
Electronics and Communication Engineering Department  
Basaveshwar Engineering College, Bagalkote  
*and*  
Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra

14<sup>th</sup> June 2024

**Memorandum of Understanding**  
between  
**Electronics and Communication Engineering Department**  
**Basaveshwar Engineering College, Bagalkote**  
and  
**Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra**

This Memorandum of Understanding (MoU) signed on this **14<sup>th</sup> Day of June 2024** between

**Electronics and Communication Engineering Department, Basaveshwar Engineering College, Bagalkote, Karnataka - 587102**, a government aided autonomous institution, affiliated to Visvesvaraya Technological University, Belagavi, referred to as ECE, BEC (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the FIRST PARTY,  
And

**Saaketh Electrocircuit Private Limited, Pune** is a Private Limited Indian Non-Government Company referred to as SEPL (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the SECOND PARTY.

ECE, BEC and SEPL shall collectively be referred to as *Parties* and individually as *Party*.

**PREAMBLE**

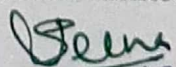
- (1) ECE, BEC a reputed technical institution involved in conducting degree-granting programs, research and consultancy and SEPL a well known industry involved in design, manufacturing and export of all types of electronic products worldwide.
- (2) BEC and SEPL have a common objective of the development of new technologies and technical man power and dissemination of knowledge as well.
- (3) BEC and SEPL are willing to collaborate in the promotion of teaching and research, and desire to enter into a *Memorandum of Understanding* for the purpose of fulfilling their objectives in a better way,
- (4) The collaboration between BEC and SEPL will be carried out under the leadership of faculty members of the Department of Electronics and Communication Engineering and staff of SEPL
- (5) Faculty members, students, and personnel of ECE, BEC, and the management and personnel of SEPL will conduct joint collaborative research work, teaching and related work of mutual interest, and
- (6) BEC and SEPL are desirous to enter into a service agreement on the aforesaid activities.

NOW THEREFORE intending to be legally bound together, the parties to this MoU agree as follows:

**1. SCOPE OF COLLABORATION**

1.1 The *objectives* of the collaboration towards promoting research in the areas of design, manufacturing and quality testing of electronic products, but not limited to:

  
**Professor and Head**  
Department of Electronics & Communication Engg  
Basaveshwar Engineering College,  
BAGALKOT-587102

  
**Principal**  
Basaveshwar Engineering College (A)  
BAGALKOT-587102



- (1) *Collaborative research* at under-graduate and post-graduate level in the domain described above;
- (2) *Laboratory Experimental Studies* to support the collaborative research, including testing of full-scale and reduced-scale models; and

1.2 The activities to be carried out under this collaboration shall include, but not limited to:

- (1) *Joint Research Projects* at under-graduate, master and doctoral levels with joint supervision by faculty of BEC and staff of SEPL;
- (2) *Mutually Sharing* of facilities available at BEC and SEPL;
- (3) *Joint Consultancy Projects* by the faculty and students of BEC and Staff of SEPL;
- (4) Joint site visit to understand and visualize the problem statements by faculty and staff of BEC and SEPL.
- (5) *Technical Content development* for teachers, engineers, architects and scientists;
- (6) *Jointly Organize various Outreach Activities* (including, internship, Training Programs, Conferences, and Field Visits to project sites) for engineers, architects, teachers, trainers and students from across the country and abroad in the areas of *design, manufacturing and quality testing of electronic components in electrical motors*;
- (7) *Publish* scholarly research articles in renowned journals/conferences.

## 2. MODE OF COLLABORATION

The modes of collaboration are:

- (1) Prior to the initiation of any activity, the scope and the specific terms of collaboration, and the financial support required for activity shall be discussed and mutually agreed upon in writing by the respective competent authorities of the two Parties.
- (2) Either Party may propose to the other any specific individual activity for collaboration at any time, and the Parties shall develop an agreement for each of such agreed activity.

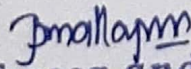
## 3. GENERAL TERMS

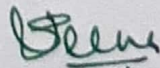
The general terms of collaboration are:

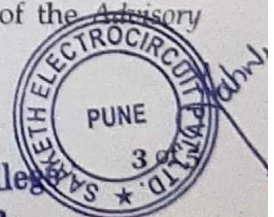
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- (2) Amendments to the scope and activities under this MoU may be made at any time after consultation and agreement between the two parties. Any such amendment shall be in writing and signed by both Parties, and shall be effective from the date of signature of both Parties.
- (3) This MoU will remain in force for a period of ten (10) years from the date it is signed. At the end of the 10-year term, the MoU may be extended for a further period of 10 years, based on mutual understanding.
- (4) Either Party may terminate the MoU in advance of its normal expiry by providing the other with six months prior written notice. In such a case, activities already approved under this MoU shall be completed under the conditions specified at the time of their initiation.

## 4. ADVISORY COMMITTEE

An *Advisory Committee* (AC) comprising of members from BEC and SEPL shall be constituted for enhancing the effectiveness of this collaboration. The composition of the *Advisory Committee* shall be:

  
**Professor and Head**  
Department of Electronics & Communication Engg  
Basaveshwar Engineering College,  
BAGALKOT-587102

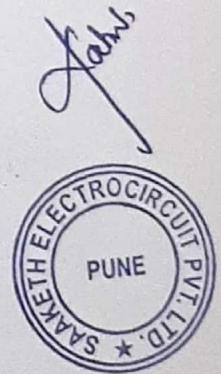
  
**Principal**  
Basaveshwar Engineering College  
BAGALKOT-587102



S.No.	Role	Person
1	Co-Chairmen	<b>Dr. Jayashree D. Mallapur</b> Professor and Head Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
2		<b>Shri. Rahul Sultane</b> Director Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra
3	Members	<b>Dr. P. N. Kulkarni</b> Dean (Academic) and Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
4		<b>Dr. Shridhar S. K.</b> Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
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8		<b>Nominee 1</b> Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra
9		<b>Nominee 2</b> Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra
10		<b>Nominee 3</b> Saaketh Electrocircuit Pvt. Ltd., Pune, Maharashtra
11	Convener	<b>Dr. Mahabaleshwar S. K.</b> Dean (R&D), Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote

*D. Mallapur*  
**Professor and Head**  
Department of Electronics & Communication Engg  
Basaveshwar Engineering College,  
BAGALKOT-587102

*Shree*  
**Principal**  
Basaveshwar Engineering College  
BAGALKOT-587102



The Parties hereto have signed this MoU as on the day month and year first written here above.



Signed on behalf of BEC Bagalkot



Signed on behalf of SEPL Pune

**Dr. Veena Soraganvi**  
**Principal**

Basaveshwar Engineering College  
Bagalkot - 587103

Email: principal@becbgk.edu

**Principal**  
**Basaveshwar Engineering College (A),**  
**BAGALKOT-587102**

Witness (BEC)

**Shri. Rahul Sultane**  
**Director**

Saaketh Electrocircuit Pvt. Ltd.,  
Pune, Maharashtra

Witness (SEPL)

1) **Dr. P. N. Kulkarni**

Dean (Academic) and Professor  
Department of Electronics and  
Communication Engineering  
Basaveshwar Engineering College, Bagalkot

1) **Mr Rajesh Sultane (Director)**  
Saaketh Electrocircuit Pvt. Ltd.,  
Pune, Maharashtra

2) **Dr. Jayashree D. Mallapur**

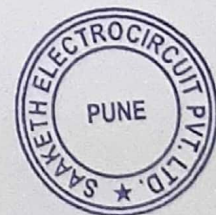
Professor and Head  
Department of Electronics and Communication  
Engineering

Basaveshwar Engineering College, Bagalkot

**Professor and Head**

Department of Electronics & Communication Engg.  
Basaveshwar Engineering College,  
BAGALKOT - 587 102

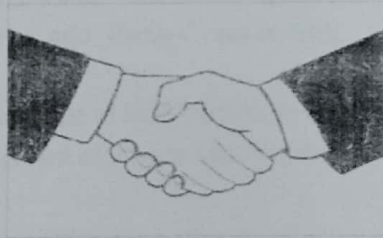
2) **Mr Rahul Poonarkar (Director)**  
Saaketh Electrocircuit Pvt. Ltd.,  
Pune, Maharashtra



# MEMORANDUM OF UNDERSTANDING



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**BASAVESHWAR ENGINEERING COLLEGE**  
**S. Nijalingappa Vidyanagar, BAGALKOTE- 587 102**



**KRISHITHARANGA FARMTECH LLP**  
**747/E PLOT No-17, ATHANI ROAD, OPPOSITE TOWN PALACE,**  
**VIJAYAPURA**

# MEMORANDUM OF UNDERSTANDING

This MEMORANDUM OF UNDERSTANDING ("MoU") is made on this 28<sup>th</sup> day of February, 2024.

## BY AND BETWEEN

**Basaveshwar Engineering College** having its office/ institution at Vidyagiri, Bagalkote 587102, Karnataka, India. (Herein after referred to as 'BEC' which expression unless repugnant to the context shall mean and include its successors-in-interest, affiliate, subsidiary institution and permitted assigns) of the ONE PART..

## AND

**Krishitharanga Farmtech LLP** having its registered office at Halasangi Complex, No-646/2 Plot, No-85A Mallikarjun Nagar Jamakhandi-Athani Bypass, Ring Raad, Near Radio Center, Vijayapura-586101 INDIA (Hereinafter referred as "Krishitharanga Farmtech LLP" which expression shall, unless excluded by or represent to the context, be deemed to include its successors, executors, administrator, heirs, representatives and assigns) of the OTHER PART.

## WHEREAS

"Basaveshwar Engineering College" and "Krishitharanga Farmtech LLP" are individually and collectively referred to as "Party" and "Parties" respectively.

This MOU is a statement of joint interest of both parties on the "Student Program" on non-binding, non-obligation basis unless and otherwise specifically mentioned.

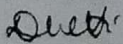
## 1. MISSION

In accordance with the mutual desire to enhance academia-industry interaction and promote knowledge sharing, BEC and KRISHITARANGA FARMTECH LLP enter this formal statement of collaboration in the form of Memorandum of Understanding (MOU) with the objective of enabling students and academic staffs to get acquainted with recent technology, innovations & entrepreneurship.

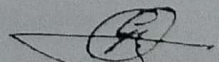
## 2. OBJECTIVES

### 2.1 Industrial Internship/Training Program:

2.1.1 KRISHITARANGA FARMTECH LLP shall offer internship / training courses to the Graduate and Post Graduate students of BEC using the company's infrastructure which is based in Vijaypur. The course fee shall be determined by KRISHITARANGA FARMTECH LLP and varies based on course module, duration, and batch size. This course fee would include Lab consumables, Lab utilities and certificate.

  
**PRINCIPAL**  
Basaveshwar Engineering College  
BAGALKOT

Page 1 of 4

  
For. KRISHITHARANGA  
FARMTECH LLP

2.1.2 BEC, Bagalkote agrees to facilitate the joint projects between student/staff of BEC and Krishitaranga Farmtech LLP to develop innovative agriculture technologies/machines

2.1.3 The student projects may be offered jointly in an online/offline mode at least for 4 to 6 months.

2.1.4 KRISHITARANGA FARMTECH LLP and BEC, Bagalkote shall explore the opportunities of conducting joint workshops in the area of innovation and entrepreneurship at the respective campuses in Bagalkote or Vijayapura. A minimum of one programme must be conducted in each academic year.

2.1.5 The programmes may be organized jointly in the areas of alternate energy viz. solar, wind, biomass.

2.1.6 Development of innovative devices/ technologies jointly are encouraged by utilizing KRISHITARANGA FARMTECH LLP facilities at Vijaypur and BEC, Bagalkote

## **2.2. Research Publications and Patents**

2.2.1 BEC, Bagalkote and KRISHITARANGA FARMTECH LLP shall promote active interaction among their staff and explore possibilities for undertaking commercial or public funded joint research and development projects. Scientists of both institutions will be encouraged to apply for sponsored or funded projects keeping in view the interests and philosophies of the respective organizations.

2.2.2 Research findings as a result of this collaborative work between BEC, Bagalkote and KRISHITARANGA FARMTECH LLP shall be made available to the public after approval from both the parties.

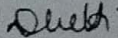
2.2.3 Research findings published by either party will give credit to the other party's contribution, but the party publishing them will be entirely responsible for conclusions and interpretations reported.

2.2.4 The right or proprietorship for any patents, products, technology development or other innovations, jointly developed by BEC, Bagalkote and KRISHITARANGA FARMTECH LLP shall be jointly owned as per agreement to be signed by both parties on a case-to-case basis. Otherwise, both BEC, Bagalkote and KRISHITARANGA FARMTECH LLP agrees that any patents, products, technology development or other innovations produced by either BEC, Bagalkote or KRISHITARANGA FARMTECH LLP during the period of MOU, where there are no contributions from either BEC, Bagalkote or KRISHITARANGA FARMTECH LLP human resources, shall be the sole property of the respective institution.

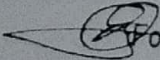
## **2.3 Innovation & Entrepreneurship**

2.3.1 BEC, Bagalkote and KRISHITARANGA FARMTECH LLP jointly take the responsibilities to promote innovation & Entrepreneurship activities in the North Karnataka by jointly organizing Entrepreneurship Awareness programmes, EDP Training programmes, Workshops, Conferences either in Bagalkote or at Vijayapura

2.3.2 BEC, Bagalkote and KRISHITARANGA FARMTECH LLP jointly involve in the community services which may include, to help the farmer groups, SHGs, NGOs etc. by guiding/providing / sharing the available knowledge in the respective fields.

  
**PRINCIPAL**  
Basaveshwar Engineering College  
BAGALKOT

Page 2 of 4

  
For KRISHITARANGA  
FARMTECH LLP

### 3. DURATION OF MOU

3.1 The Agreement shall be valid for a period of 5 Years from the date of execution. The agreement may be renewed based on the performance and on mutually agreed terms and conditions.

3.2 The agreement may be terminated in the event of either party having breached the terms and conditions mentioned above. In such a case, however the students already enrolled for the course or undergoing internship/training/project at KRISHITARANGA FARMTECH LLP shall continue and complete the project/internship/training as per the provision of this agreement for this purpose the agreement shall be operative. Either party can terminate the agreement giving 30 days notice.

### 4. AMENDMENT TO THE MOU

During the operation of the MOU, circumstances may arise which may call for alteration in the MOU, which shall be mutually discussed and agreed upon by both parties.

### 5. BREACH OF AGREEMENT

If either party is found violating the above-mentioned terms or condition of the MOU, the other party may terminate the MOU with three months' notice.

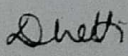
### 6. ARBITRATION

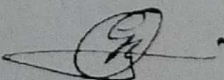
Any dispute arising with regard to any aspect of the Agreement shall be resolved through mutual consultation and by written consent by the two parties to the MOU. In case settlement is not arrived at, the dispute will come under the purview and provisions of the Indian Arbitration and Conciliation Act, 1996 of Government of India and the area of Jurisdiction will be at Bagalkote City.

### 7. JURISDICTION

In the event of any disputes between the two parties only the Courts in Bagalkote city shall have exclusive jurisdiction. However, no court case shall be preferred by either party until Arbitration has been resorted to and has proved unfruitful.

Having gone through each and every condition of this agreement and having understood it clearly and perfectly both the parties affix their signatures below as attesting to this deed in February 28<sup>th</sup> 2024

  
**PRINCIPAL**  
Basaveshwar Engineering College  
BAGALKOT

  
**For. KRISHITHARANGA  
FARMTECH LLP**

Partner.

For Basaveshwar Engineering College, Bagalkote

For Krishitarang Farmtech LLP, Vijaypur

Signature *D. Webb*

Name: Dr. (Smt.) D. S. Jangamshetti

Designation: **Principal**

Authorized Seal: **PRINCIPAL**

Basaveshwar Engineering College  
BAGALKOT

Signature

Name: **Girish Badragond**

**Designation: Founder**

Authorized Seal:

For. KRISHITHARANGA  
FARMTECH LLP

**Partner.**

WITNESSES

1. Signature: [Signature]

Name: Dr. R. L. Naik

Designation: **Professor & HoD**

E&EE Department

2. Signature:

Name: **Dr. Bharati S. Meti**

Designation: **Professor & HoD**

Biotechnology Department

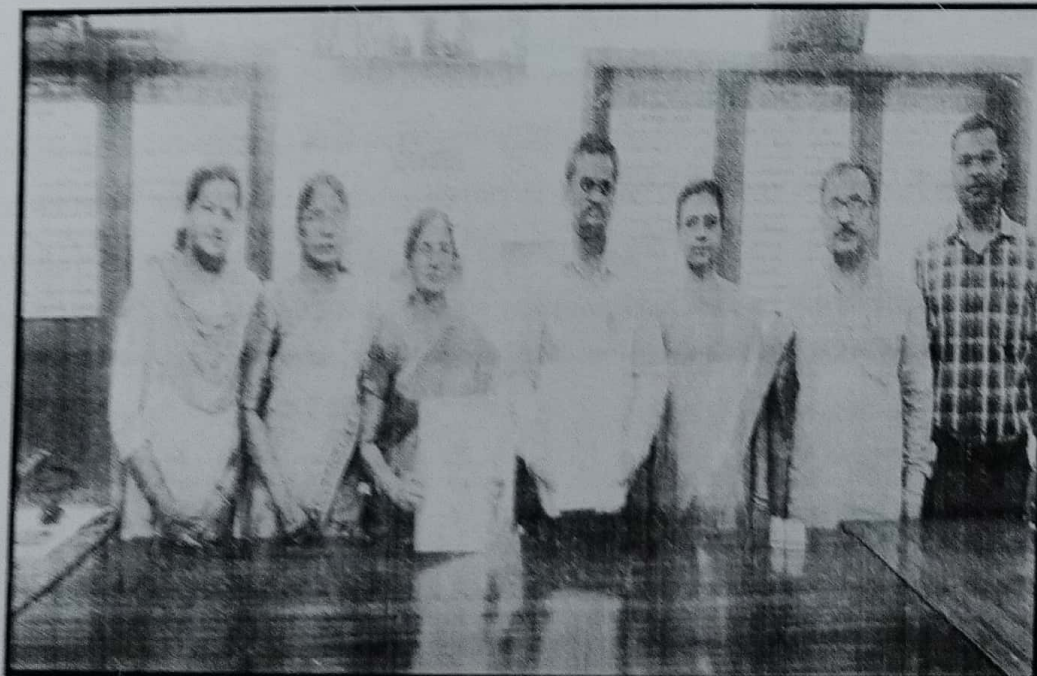
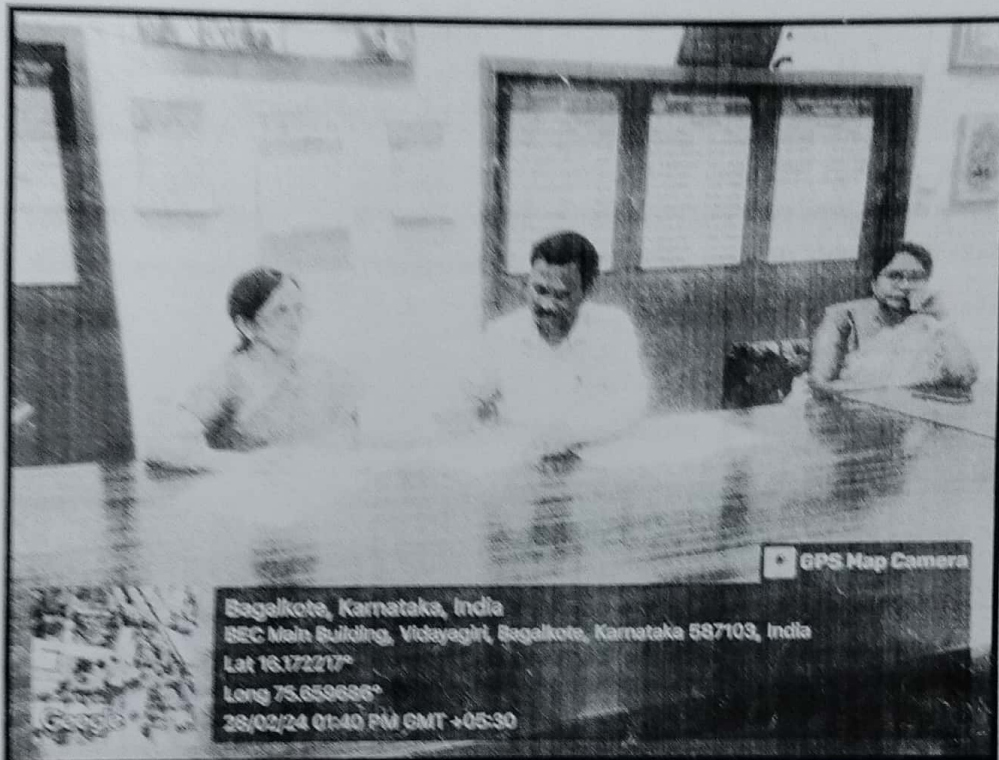
## WITNESSES

1. Signature:

Name: Prashant Kadi

2. Signature:

Name: Mahegh. D. Groves



## Report

### MoU Signing Ceremony Between BEC Bagalkote and VI Solutions Bengaluru

This Memorandum of Understanding (MoU) signed on this 15<sup>th</sup> Day of March 2024 between

**Electronics and Communication Engineering Department, Basaveshwar Engineering College** ([www.becbgk.edu](http://www.becbgk.edu)), Bagalkote, Karnataka - 587102, a government aided autonomous institution, affiliated to Visvesvaraya Technological University, Belagavi, referred to as **ECE, BEC** (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the FIRST PARTY,

And

**VI SOLUTIONS Private Limited, Bengaluru, Karnataka** ([www.visolutions.org](http://www.visolutions.org)), is the academic partner of National Instruments US is in business of developing and supporting integrated solutions using NI hardware and software in the test and measurement, Virtual Instrumentation, System Design, communication system design, and Industrial automation fields (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the SECOND PARTY.



GPS Map Camera



Bagalkote, Karnataka, India  
BEC Main Building, Vidayagiri, Bagalkote, Karnataka 587103, India  
Lat 16.172112°  
Long 75.659333°  
15/03/24 10:46 AM GMT +05:30



GPS Map Camera



Bagalkote, Karnataka, India  
BEC Main Building, Vidayagiri, Bagalkote, Karnataka 587103, India  
Lat 16.172118°  
Long 75.659325°  
15/03/24 10:45 AM GMT +05:30

# Memorandum of Understanding

*between*

Electronics and Communication Engineering Department  
Basaveshwar Engineering College, Bagalkote

*and*

Space Zee Technologies Pvt. Ltd., Chennai

11 May 2024

**Memorandum of Understanding**  
between  
**Electronics and Communication Engineering Department**  
**Basaveshwar Engineering College, Bagalkote**  
and  
**Space Zee Technologies Pvt. Ltd., Chennai**

This Memorandum of Understanding (MoU) signed on this 11<sup>th</sup> May 2024 between

Electronics and Communication Engineering Department, Basaveshwar Engineering College ([www.becbgk.edu](http://www.becbgk.edu)), Bagalkote, Karnataka - 587102, a government aided autonomous institution, affiliated to Visvesvaraya Technological University, Belagavi, referred to as ECE, BEC (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the FIRST PARTY,

And

Space Zee Technologies Pvt. Ltd., Chennai is an Indian Educational Management with a epigram of "Anybody can teach, Everyone can Learn" SECOND PARTY.

ECE, BEC and Space Zee Technologies shall collectively be referred to as *Parties* and individually as *Party*.

**PREAMBLE**

- (1) ECE, BEC a reputed technical institution involved in conducting degree-granting programs, research and consultancy and Space Zee Technologies Pvt. Ltd., Chennai, TN is providing freelance opportunities, interview preparation and career guidance.
- (2) BEC and Space Zee Technologies have a common objective of the development of new technologies and technical man power and dissemination of knowledge as well.
- (3) BEC and Space Zee Technologies are willing to collaborate in the promotion of teaching and research, and desire to enter into a *Memorandum of Understanding* for the purpose of fulfilling their objectives in a better way,
- (4) The collaboration between BEC and Space Zee Technologies will be carried out under the leadership of faculty members of the Department of Electronics and Communication Engineering and staff of Space Zee Technologies
- (5) Faculty members, students, and personnel of ECE, BEC, and the management and personnel of Space Zee Technologies will conduct joint collaborative research work, teaching and related work of mutual interest, and
- (6) BEC and Space Zee Technologies are desirous to enter into a service agreement on the aforesaid activities.

NOW THEREFORE intending to be legally bound together, the parties to this MoU agree as follows:

**1. SCOPE OF COLLABORATION**

1.1 The *objectives* of the collaboration towards promoting research in the areas of design, manufacturing and quality testing of electronic products, but not limited to:

- (1) *Establishment of Center for Multiple Excellence (COME)* lab in BEC Bagalkote, for mentoring, training and placement to students of BEC as per Annexure A

- 1.2 The activities to be carried out under this collaboration shall include, but not limited to:
- (1) *Mutually sharing* of facilities available at BEC and Space Zee Technologies;
  - (2) *Joint Consultancy Projects* by the faculty and students of BEC with Space Zee Technologies;
  - (3) *Jointly Organize various Outreach Activities* (including, internship, Training Programs, Conferences, and Field Visits to project sites) for engineers, teachers, trainers and students from across the country and abroad in the areas of Robotics, embedded system, system design and automation
  - (4) *Publish* scholarly research articles in renowned journals/conferences.
  - (5) COME lab establishment at ECE department of BEC, Bagalkote

## 2. MODE OF COLLABORATION

The modes of collaboration are:

- (1) Prior to the initiation of any activity, the scope and the specific terms of collaboration, and the financial support required for activity shall be discussed and mutually agreed upon in writing by the respective competent authorities of the two Parties.
- (2) Either Party may propose to the other any specific individual activity for collaboration at any time, and the Parties shall develop an agreement for each of such agreed activity.

## 3. GENERAL TERMS

The general terms of collaboration are:

- (1) The Parties agree that in the course of implementing this MoU, they shall not engage in unlawful discrimination.
- (3) Amendments to the scope and activities under this MoU may be made at any time after consultation and agreement between the two parties. Any such amendment shall be in writing and signed by both Parties, and shall be effective from the date of signature of both Parties.
- (4) This MoU will remain in force for a period of four (4) years from the date it is signed. At the end of the 4 year term, the MoU may be extended for a further period of four years, based on mutual understanding.
- (5) Either Party may terminate the MoU in advance of its normal expiry by providing the other with six months prior written notice. In such a case, activities already approved under this MoU shall be completed under the conditions specified at the time of their initiation.

## 4. ADVISORY COMMITTEE

An *Advisory Committee* (AC) comprising of members from BEC and Space Zee Technologies Pvt. Ltd., Chennai, TN shall be constituted for enhancing the effectiveness of this collaboration. The composition of the *Advisory Committee* shall be:

S.No.	Role	Person
1	Chairman	<b>Dr. Veena Sorganvi</b> Principal Basaveshwar Engineering College Bagalkote - 587103
1	Co- Chairman	<b>Dr. Jayashree D. Mallapur</b> Professor and Head Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
2		<b>Mr. Hariharan</b> CEO, Space Zee Technologies, Chennai, Tamil Nadu

3	Members	<b>Dr. P. N. Kulkarni</b> Dean (Academic) and Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
4		<b>Dr. Mahabaleshwar S. K.</b> Dean (R and D), Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
8		<b>Nominee 1</b> Space Zee Technology Chennai Pvt Ltd
9		<b>Nominee 2</b> Space Zee Technology Chennai Pvt Ltd
11	Convener	<b>Dr. Vijaylakshmi S. Jigajinni</b> Assistant Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote

The Parties hereto have signed this MoU as on the day month and year first written here above.



Signed on behalf of BEC Bagalkote

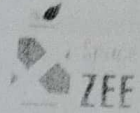
*Beenu*

**Principal**

Basaveshwar Engineering College

Bagalkote - 587103

Email: principal@becbkgk.edu



Signed on behalf of Space Zee  
Technologies Chennai, TN

*V. Hariharan*

**Shri. Hariharan**

**CEO**

Space Zee Technologies Pvt. Ltd.,

Chennai, TN

**Witness (BEC)**

**Witness (Space Zee Technologies)**

*M. P. N. Kulkarni*  
1) **Dr. P. N. Kulkarni**  
Dean (Academic) and Professor  
Department of Electronics and  
Communication Engineering  
Basaveshwar Engineering College, Bagalkote

*Shree Hariharan*  
1) Space Zee Technologies Pvt. Ltd.,  
Chennai, TN

*Dr. Jayashree D. Mallapur*  
1) **Dr. Jayashree D. Mallapur**  
Professor and Head  
Department of Electronics and Communication  
Engineering  
Basaveshwar Engineering College, Bagalkote

*Shree Hariharan*  
2) Space Zee Technologies Pvt. Ltd.,  
Chennai, TN

**Annexure A COME LAB FORMATION****Preamble:**

This is a service level agreement between the two parties for the development of Centre of Multiple Excellence at Basaveshwar Engineering College.

**COME: (Centre of Multiple Excellence)**

COME( Centre of Multiple Excellence) shall explore Automation (Industrial Standard), Internet of Things (IoT) enabled Process Automation, Digital Twin(Augmented Reality/Virtual Reality, Robotics, Cloud). COME Vision is to provide its participants deep knowledge in Technology Know-How, Hands on experience, Connect to Industrial Experts, Expose to Industrial Projects, Certification program, Faculty development program, and Research solutions for Domain related Start-ups.

**Outcome of COME?**

COME focuses on Multiple technological domain, the students are Mentored, trained and prepared in those multi technology, opens their career path in various job and business opportunities. COME helps the students and faculties to get deep knowledge in the technologies that shows rapid growth in Technology and business sections. The technologies stated has potential job requirements in mass numbers and also equally provides the business opportunities in all major Companies (Google, Facebook, Microsoft, Amazon- working in technologies in AI/ML, VR/AR, Cloud) Also COME shall provide an opportunity to bridge and connect all departments together working on single platform, making the utmost utilization of Technology for the betterment of Students, Faculties and the college. COME will bring interaction of Various other college students to utilize the lab by providing ID card for monthly usage. Space Zee Assures 1 startup from the college during the tenure of the MoU Period.

**Note:** The lab equipment list and the technology will be provided upon confirmation of Skill++, the basic lab setup will be min 7,00,000 INR, which will be fully funded by party 1 and it's associated Partner

**Terms and Condition:**

- ✧ The Lab will be fully funded by Party 1 and it's associated Industry Partner
- ✧ Lab confirmation will be provided upon Party 2 providing a 4 year Skill++ [min 200 students] work order with Party 1
- ✧ Lab commences with 30 days from the date of initial payment for Skill++ order
- ✧ Lab shall be handed over/transferred to Party 2, after completion of 4 years
- ✧ Party 1 enables business generation with the Lab, which shall be split in as follows:  
30 % to Party 1 | 35 % to Party 2 | 35 % to Industry partner
- ✧ Party 2 should provide 1200 sq feet of Space with Uninterrupted & Active internet connection, Basic systems, Tables & Chairs and Uninterrupted power supply

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Space Zee Technologies,

Corporate Address:13, Ramakrishna Mutt Rd, Venkatesa Agraharam, Mylapore, Chennai, Tamil Nadu 600004

+91-7904608170, [www.Spacezee.net](http://www.Spacezee.net), [Spacezeeteam@gmail.com](mailto:Spacezeeteam@gmail.com)

# **Memorandum of Understanding**

*between*

**Electronics and Communication Engineering Department  
Basaveshwar Engineering College, Bagalkote**

*and*

**VI SOLUTIONS Pvt. Ltd., Bengaluru, Karnataka**

**15<sup>th</sup> March 2024**

# Memorandum of Understanding

between

**Electronics and Communication Engineering Department**

**Basaveshwar Engineering College, Bagalkote**

and

**VI SOLUTIONS Pvt. Ltd., Bengaluru, Karnataka**

This Memorandum of Understanding (MoU) signed on this 15<sup>th</sup> Day of March 2024 between

**Electronics and Communication Engineering Department, Basaveshwar Engineering College** ([www.becbgk.edu](http://www.becbgk.edu)), Bagalkote, Karnataka - 587102, a government aided autonomous institution, affiliated to Visvesvaraya Technological University, Belagavi, referred to as **ECE, BEC** (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the **FIRST PARTY**,

And

**VI SOLUTIONS Private Limited, Bengaluru, Karnataka** ([www.visolutions.org](http://www.visolutions.org)), is the academic partner of National Instruments US is in business of developing and supporting integrated solutions using NI hardware and software in the test and measurement, Virtual Instrumentation, System Design, communication system design, and Industrial automation fields (which expression shall unless repugnant to the context or meaning there of, be deemed to mean and include its successors-in-interests, and assigns) the **SECOND PARTY**.

**ECE, BEC and VI Solutions** shall collectively be referred to as *Parties* and individually as *Party*.

## PREAMBLE

- (1) ECE, BEC a reputed technical institution involved in conducting degree-granting programs, research, and consultancy and VI SOLUTIONS a well-known industry involved in the business of developing and supporting integrated solutions using NI hardware and software in the test and measurement, Virtual Instrumentation, System Design, communication system design, and Industrial automation fields
- (2) BEC and VI SOLUTIONS have a common objective of the development of new technologies and technical man power and dissemination of knowledge as well.
- (3) BEC and VI SOLUTIONS are willing to collaborate in the promotion of teaching and research, and desire to enter into a *Memorandum of Understanding* for the purpose of fulfilling their objectives in a better way,
- (4) The collaboration between BEC and VI SOLUTIONS will be carried out under the leadership of faculty members of the Department of Electronics and Communication Engineering and staff of VI SOLUTIONS
- (5) Faculty members, students, and personnel of ECE, BEC, and the management and personnel of VI SOLUTIONS will conduct joint collaborative research work, teaching and related work of mutual interest, and
- (6) BEC and VI SOLUTIONS are desirous to enter into a service agreement on the aforesaid activities.

NOW THEREFORE intending to be legally bound together, the parties to this MoU agree as follows:

## 1. SCOPE OF COLLABORATION

1.1 The *objectives* of the collaboration towards promoting research in the areas of design, manufacturing and quality testing of electronic products, but not limited to:

- (1) *Collaborative research* at under-graduate and post-graduate level in the domain described above;
- (2) *Laboratory Experimental Studies* to support the collaborative research, including testing of full-scale and reduced-scale models; and

1.2 The *activities* to be carried out under this collaboration shall include, but not limited to:

- (1) *Joint Research Projects* at under-graduate, master and doctoral levels with joint supervision by faculty of BEC and staff of VI SOLUTIONS;
- (2) *Mutually sharing* of facilities available at BEC and VI SOLUTIONS;
- (3) *Joint Consultancy Projects* by the faculty and students of BEC and Staff of VI SOLUTIONS;
- (4) Joint site visit to understand and visualize the problem statements by faculty and staff of BEC and VI SOLUTIONS.
- (5) *Technical Content development* for teachers, engineers, architects and scientists;
- (6) *Jointly Organize various Outreach Activities* (including, internship, Training Programs, Conferences, and Field Visits to project sites) for engineers, architects, teachers, trainers and students from across the country and abroad in the areas of virtual instrumentation, system design and automation.
- (7) *Publish* scholarly research articles in renowned journals/conferences.

## 2. MODE OF COLLABORATION

The *modes* of collaboration are:

- (1) Prior to the initiation of any activity, the scope and the specific terms of collaboration, and the financial support required for activity shall be discussed and mutually agreed upon in writing by the respective competent authorities of the two Parties.
- (2) Either Party may propose to the other any specific individual activity for collaboration at any time, and the Parties shall develop an agreement for such agreed activity.

## 3. GENERAL TERMS

The *general terms* of collaboration are:

- (1) The Parties agree that in the course of implementing this MoU, they shall not engage in unlawful discrimination.
- (3) Amendments to the scope and activities under this MoU may be made at any time after consultation and agreement between the two parties. Any such amendment shall be in writing and signed by both Parties, and shall be effective from the date of signature of both Parties.
- (4) This MoU will remain in force for a period of three (3) years from the date it is signed. At the end of the 3-year term, the MoU may be extended for a further period of 3 years, based on mutual understanding.
- (5) Either Party may terminate the MoU in advance of its normal expiry by providing the other with six months prior written notice. In such a case, activities already approved under this MoU shall be completed under the conditions specified at the time of their initiation.

#### 4. ADVISORY COMMITTEE

An Advisory Committee (AC) comprising of members from BEC and V I SOLUTIONS shall be constituted for enhancing the effectiveness of this collaboration. The composition of the Advisory Committee shall be:

S.No.	Role	Person
1	Co-Chairmen	<b>Dr. Jayashree D. Mallapur</b> Professor and Head Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
2		<b>Mr. Sunil Kumar V</b> CEO, V I Solutions Pvt. Ltd., Bengaluru, Karnataka
3	Members	<b>Dr. P. N. Kulkarni</b> Dean (Academic) and Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
4		<b>Dr. Mahabaleshwar S. K.</b> Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote
8		<b>Mr. Suni Kumar V</b> CEO V I Solutions Pvt. Ltd., Bengaluru, Karnataka
9		<b>Mr. Manimaran A</b> Assistant Manager V I Solutions Pvt. Ltd., Bengaluru, Karnataka
10		<b>Mr. Vasantha Kumar V</b> Project Manager V I Solutions Pvt. Ltd., Bengaluru, Karnataka
11	Convener	<b>Dr. Vijaylakshmi S. Jigajinni</b> Assistant Professor Department of Electronics and Communication Engineering Basaveshwar Engineering College, Bagalkote

The parties hereto have signed this MoU as on the day month and year first written here above.



Signed on behalf of BEC Bagalkote

Principal  
Basaveshwar Engineering College  
Bagalkote - 587103  
EMail: principal@becbkg.edu

Witness (BEC)

- 1) Dr. P. N. Kulkarni  
Dean (Academic) and Professor  
Department of Electronics and  
Communication Engineering  
Basaveshwar Engineering College, Bagalkote

- 1) Dr. Jayashree D. Mallapur  
Professor and Head  
Department of Electronics and Communication  
Engineering  
Basaveshwar Engineering College, Bagalkote



Signed on behalf of VI SOLUTIONS

Bengaluru



Shri. Sanil Kumar V  
CEO

VI SOLUTIONS Pvt. Ltd., Bengaluru,  
Karnataka

Witness (VI SOLUTIONS)

- 1) Mr. Manimaran Asaithambi  
Assistant Manager  
VI SOLUTIONS Pvt. Ltd.,  
Bengaluru, Karnataka

- 2) Mr. Vasantha Kumar V  
Project Manager  
VI SOLUTIONS Pvt. Ltd.,  
Bengaluru, Karnataka