



# NANDHA ENGINEERING COLLEGE

(AUTONOMOUS)

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai)

ERODE – 638 052 TAMILNADU

Email : [principal@nandhaengg.org](mailto:principal@nandhaengg.org) Mobile : 73737 12234

## Criterion 3 – Research, Innovations and Extension

3.7

Collaboration

**3.7.2 Details of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the year (only functional MoUs with ongoing activities to be considered)**

**E- Copies of MoUs with institution  
/ Industry / Corporate house**

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU 12-11-2021 93AB 908220

ச. சஞ்சுகம்  
ஆய்விக்கப்பட்டது

S. சஞ்சுகம்  
முத்திரத்தின் கீழ்ப்படிவானது.  
பெருந்துறை டி.டி.என்.  
உரிமம் எண்: 16/2008/ ஈ.செ.நா.  
பெருந்துறை, தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING (MoU)

BETWEEN

NANDHA ENGINEERING COLLEGE (AUTONOMOUS)  
&  
COMMON EFFLUENT TREATMENT PLANT  
(CETP)

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 01.11.2021 by and between.

NANDHA ENGINEERING COLLEGE (AUTONOMOUS) - Department of Chemical Engineering, the First Party represented herein by its Principal / Director / Head of Institution NANDHA ENGINEERING COLLEGE(AUTONOMOUS),

And

COMMON EFFLUENT TREATMENT PLANT, SIPCOT. The second party and represented herein by its Centre Head / Director / Managing Director, Mr.N.CHANDRSEKARAN

WHEREAS:

A) First Party is a Higher Educational Institution named: NANDHA ENGINEERING COLLEGE (AUTONOMOUS) - Department of Chemical Engineering.

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, Placement, Industrial Visit, Internship, Expert Lecture.**

D) CETP, SIPCOT - the Second Party is engaged in the field of **Contributing in Environmental and Pollution control & Solid Waste Management.**

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 co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

#### **CLAUSE 2 - SCOPE OF THE MoU**

2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide 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. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 **Guest Lectures:** Second Party to extend the necessary support to deliver Guest Lecturers to the students of the First Party on the Technology trends and in house requirements.

2.3 **Placement of trained students:** second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **NANDHA ENGINEERING COLLEGE (AUTONOMOUS) - Department of Chemical Engineering**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.5 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

#### **CLAUSE 3 - VALIDITY**

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

#### **CLAUSE 4 - RELATIONSHIP BETWEEN THE PARTIES**

4.1 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.

First Party



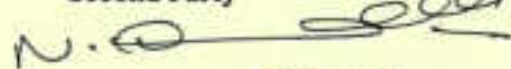
Principal

7322, Nandha Engineering  
College(Autonomous)  
Erode - 638052

**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.**

For Perundurai Common Effluent  
Treatment Plant

Second Party



Director

Plot No, R-22, 6<sup>th</sup> Cross Road,  
SIPCOT Industrial Growth Centre,  
Perundurai - Erode - 638052

**PERUNDURAI COMMON EFFLUENT  
TREATMENT PLANT  
R-22, 6th Cross Road,  
SIPCOT, PERUNDURAI - 638 052.**





தமிழ்நாடு (Tamil Nadu) தமிழ்நாடு TAMIL NADU 8.5.2023  
 Nandha Engineering College  
 Erode.

22AC 215261  
 ஜை. ஜெனீஷ்  
 முத்திரைத்தாள் விடுபடாமலாம்  
 159/77, அகர்நாடி வீதி,  
 பெருந்துறை - 638052,  
 உரிமம் எண்: 2/1991/2021

**MEMORANDUM OF UNDERSTANDING**

This Agreement is made on 8<sup>th</sup> day of MAY 2023 and is valid for a period of 3 year from the aforementioned date.

**BETWEEN**

**Nandha Engineering College** an academic institution established in 2001, located at Erode - Perundurai, Main Road, Vaikkaalmedu, Erode, Tamil Nadu 638 052 hereinafter referred to as "NANDHA ENGINEERING COLLEGE" which expression shall unless repugnant to the context or meaning thereof, be deemed to include its successors and permitted assigns of the first part.

**AND**

**TVS Training and Services Ltd.** having its registered office at Jayalakshmi Estates, no.29, Haddows road, Nungambakkam, Chennai – 600 006 (hereinafter referred to as TVS TS, which expressions shall, where the contexts so admits mean and include its successors, executors, administrators and assignees) of the part.

**WHEREAS** NANDHA Engineering College is engaged in providing lab facility to train the students studying in NANDHA Engineering College as well as outsiders which include students studying in other Institutions and employees working in Industry.

**WHEREAS** TVS Training and Services Ltd, is engaged in the activities and had expressed its willingness to associate with NANDHA Engineering College for the Training Program as detailed in this Memorandum of understanding.

**NOW, THEREFORE, IN CONSIDERATION OF THE MUTUAL COVENANTS AND OBLIGATIONS SET FORTH HEREIN BELOW, THE PARTIES HAVE AGREED TO THE FOLLOWING TERMS AND CONDITIONS:**

**1.0 ROLES AND RESPONSIBILITIES OF NANDHA ENGINEERING COLLEGE**

- 1.1 To nominate the 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year students from the streams which pertain to Department of Mechanical Engineering and depute them for the training.
- 1.2 NANDHA Engineering College will take responsibility to support, to conduct, nominate to skill oriented training and value added training.
- 1.3 NANDHA Engineering College shall also organize Seminars, Workshops and Value Added Programs during the academic period or during semester holidays as part of MoU.
- 1.4 NANDHA Engineering College shall provide lab facility for all training like workshop, value added training and job oriented training.
- 1.5 This MOU is only valid for 3 years from May 2023

**1.0 ROLES AND RESPONSIBILITIES OF TVS TS**

- 1.1 TVS TS shall ensure orderly conduct of the programs as defined in the “syllabi” of the Training Program.



- 1.2 TVS TS shall inform NANDHA Engineering College of specific absenteeism or of any behavior of the student which does not conform to the acceptable standards.
- 1.3 TVS TS shall support project for the final year students under the aegis of Final year Projects as per the rules of TVS TS.
- 1.4 TVS TS, shall award a certificate and certify the students who have successfully complete the training program

### **3.0 JOINT RESPONSIBILITIES OF TVS TS AND NANDHA Engineering College**

- 3.1 TVS TS will impart training at NANDHA Engineering College, Erode.
- 3.2 TVS TS provide value added training for different domain to internal students and external (other college candidates) using Mechanical, Electrical and Electronics and allied lab facilities, Hence which comes revenue sharing model.
- 3.3 Each party nominates an official from their respective establishments to co-ordinate all activities contemplated in this agreement.
- 3.4 TVS TS and NANDHA Engineering College can mutually arrange training camps/workshop in NANDHA Engineering College premises in the future and any such activity will be amended with this MoU, which will be drawn from time to time.

### **4.0 MODALITIES OF TRAINING**

- 4.1 The training period can be staggered if mutually agreed between all parties concerned. A separate confirmation will be drawn for each batch as mutually agreed between both the parties.
- 4.2 NANDHA Engineering College is required to send to TVS TS the plan if staggered for the entire academic year at the start of the program.
- 4.3 NANDHA Engineering College shall request for revision or up-gradation of the syllabi at the end of the academic year to TVS TS. TVS TS shall undertake all such changes after the changes are mutually agreed to by TVS TS and NANDHA Engineering College. Both parties explicitly agree that all intellectual property of this program or any such program developed by TVS TS for NANDHA Engineering College shall remain with TVS TS. NANDHA Engineering College understands and agrees that it need to seek explicit written permission ahead of using any such material.

## **5.0 PAYMENTS AND REVENUE SHARING**

- 5.1 In consideration for the services rendered by TVS Training and Services Ltd., under this agreement, a training fee is to be paid by NANDHA Engineering College. NANDHA Engineering College shall remit the training fee within 45 days (max.) on receipt of invoice.
- 5.2 If the student drops out of the program for any reason after paying the fee for a given phase of the program the fee shall not be refunded. However NANDHA Engineering College is not responsible to pay the fees of the students for the remaining phases of the program un-attended. Subsequent to dropouts the batch strength shall not drop below the minimum batch strength indicated in Clause 4.3.
- 5.3 TVS TS will share 40 % of revenue with NANDHA Engineering College for any External training, which will held at NANDHA Engineering College premises for the general public or other students.

## **6.0 ENTIRE AGREEMENT**

This Agreement constitutes the entire agreement between the Parties and supersedes all prior agreements, understandings and negotiations between the Parties with respect to the subject matter of this Agreement.

## **7.0 NOTICES**

All notices, communications, requests to be given or made to any of the Parties hereto shall be in writing. Such notices, communications, requests shall be deemed to have been given or made if addressed to the other party and either personally delivered or sent by registered post or prepaid courier delivery service to the address stated below or at such other addresses as may be notified in writing by the Parties. Further notices, communications, requests posted pursuant to this clause shall be deemed served 14 days after posting.

**NANDHA Engineering College:**  
Address:  
Erode – Perundurai Main Road,  
Vaikkaalmedu,  
Erode – 638052

**TVS Training and Services Limited**  
Address:  
TVS Training and Services Ltd.,  
Jayalakshmi Estates, no.29, Haddows road,  
Nungambakkam, Chennai – 600 006.



## **8.0 FORCE MAJEURE**

Not with standing anything contained herein above, if the training is disrupted due to reasons beyond the control of parties herein, but excluding the reason of non – payment of amount to TVS Training and Services Ltd, the training period shall stand correspondingly increased to the period of such disruption. If such disruption continues for a period of more than 2 months both the parties are at liberty.

## **9.0 TERMINATION**

Not with standing anything contained in this agreement, either party may terminate this agreement after giving three months advance notice in writing to the other party, intimating its intention to terminate/determine this agreement for the reasons stated therein, and this agreement will come to an end upon the expiry of the said notice period of three months. The mutual obligations of the parties here in however will continue during the notice period. In the event of such termination, neither part hereto shall be liable to the other party for any loss arising therefrom.

## **10.0 CONFIDENTIALITY**

It is specifically agreed that neither party hereto shall, during the currency or for a period of two years after the expiry/ termination of this agreement, disclose or pass on any information to any third party outside its group and/or unauthorized person about the training program or other confidential data such as technical information/specifications or operational information etc., furnished by either parties to the other for successful completion of the training and the agreement. However neither party hereto shall be liable to the other party for any breach of this confidentiality condition by the trainees.

## **11.0 DISPUTE RESOLUTION**

The parties shall attempt to resolve any dispute in connection with this Agreement through amicable discussions. Any dispute arising in connection with this Agreement between and including all such disputes which have not been remedied pursuant to amicable negotiations and which cannot be resolved within 30 days from the date of such notice of dispute or difference shall be referred to Arbitration under



the provisions of Indian Arbitration and Conciliation Act, 1996 or any modification or re-enactment thereof for the time being in force. The parties shall bear equally the fee and expenses of the Arbitrator and each party shall bear its own expenses (including legal fee and travel expenses) in connection with the arbitration. All arbitration proceedings shall be conducted in English and the venue for conducting such proceedings shall be at Chennai.

**IN WITNESS WHEREOF**, both the Parties hereto have duly executed this agreement on the day, month and year first above written:

Signed and delivered on behalf of NANDHA Engineering College

By

**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE,  
(Autonomous)  
ERODE - 638 052.**



Name: **Dr. N. Rengarajan**

Title: **Principal**

In the presence of

Name: **Dr. M. Easwaramoorthi,**

Title: **HoD-Mechanical Engineering**

Signed and delivered on behalf of TVS Training and Services Limited

By

Name: **Mr. G. Narayanamurthy**

Title: **CEO**

In the presence of

**Mr. Mohammed Sammiuddin**

Title: **DGM**



भारतीय गैर न्यायिक

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रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமில்நாடு TAMIL NADU 1.10.2021 86AB 677983

Department of Biomedical  
Engineering  
Nandha Engineering College  
Erode.

S. கருணாநிதி.  
முத்திரைத்தளம் கிழவாண்டலம்.  
பெருந்தூறை ஸ்தலம்.  
உரிமம் எண்: 16/20081 மதுரை.  
பெருந்தூறை, தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING  
(MoU)

Between

**Nandha Engineering College  
(Autonomous),**

Perundurai Main Road, Erode, Tamil Nadu – 638052.

And

**Prashan Medical Technologies**

No.19, Peelamedu, Sri Nagar, Hope College, Coimbatore,  
Tamil Nadu- 641004.

prashan



**NANDHA ENGINEERING COLLEGE (AUTONOMOUS), ERODE  
DEPARTMENT OF BIOMEDICAL ENGINEERING**

**MoU details**

Ref.No:1 /BME/2021-22

Date: 04.10.2021

1.	Company Name and contact address:	Prashan Medical Technologies, No.19, Peelamedu, Sri Nagar, Hope College, Coimbatore, Tamil Nadu 641004.
2.	Nature of company/product:	Medical Equipment Supplier, Service and Sales, Medical Equipment Hands-on Training & Education
3.	Capacity / Strength/ Turnover:	10 to 20 Lakhs per Annum
4.	No. of Employees / branches :	1 to 10 Employees/ Pollachi & Coimbatore
5.	Area of benefits for NEC like Internship / Placement/Faculty Exchange, R&D Collaboration etc.,	Placements, Internships & Hands-on trainings
6.	Validity of the MoU	2 Years

**Single point contact persons**

**Company side**

Mr. BoopathiSakthivel/Founder, CEO & Biomedical Engineer/ 8883774112

Name/Designation/Phone No.

(Name & Signature)

**College side (Single Point of Contact (SPOC))**

Dr. S.T.Sadish Kumar,  
Professor & Head,  
Department of Biomedical Engineering,  
9942903173


Name / Dept. / Designation / Phone No.

  
(Dr. S.T. SADISH KUMAR)  
(Name & Signature)

MoU draft checked.

  
HOD

**Dr. S.T. SADISH KUMAR**  
HoD - Biomedical Engineering.  
Nandha Engineering College (Autonomous)  
ERODE - 638 052.  
Tamil Nadu

  
**PRINCIPAL**  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode 638 052.

This Memorandum of Understanding (MoU) is made on 04<sup>th</sup> October 2021 between Prashan Medical Technologies (CIN/GST: 33BDZPB0203P1ZH), a Company incorporated under the Companies Act, 1956 and having its registered office at No.5/3, Devampadi valasu, Pollachi, Coimbatore- 642005. Hereinafter referred to as "Prashan Medical Technologies" which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns).

And

Department of Biomedical Engineering, Nandha Engineering College (Autonomous), Erode, Tamil Nadu (Herein after referred to as "NEC", which expression shall unless repugnant to the context or meaning thereof, include its successors in interest and permitted assigns "Parties" shall mean (Prashan Medical Technologies) and NEC and "Party" shall mean either (Prashan Medical Technologies) or NEC as the case may be.

Prashan Medical Technologies is an authorized service partner for Schiller Healthcare India Pvt Ltd, a world leader in Medical Diagnostic Solution. The startup company was setup in 2017 with an idea to promote quality products to Indian medical markets & world class technical and service support. Currently, our product range covers critical care, Cardiology. Prashan Medical Technologies has strategic tie-up with Schiller India for Customer service. Over the last 5 years, PRASHAN MEDICAL TECHNOLOGIES has earned the trust of millions, first class equipment & service, thanks to its personalized skill development, genuine concern and a sincere commitment to the overall well-being of the society.

For more than four years, PRASHAN MEDICAL TECHNOLOGIES has been committed to the fight against the gap between theoretical studies and hands-on experience. Simultaneously, the company not only made a name by itself, but also set new standards.

In spite of the company's constant progress, size is not as important to PRASHAN MEDICAL TECHNOLOGIES as its strength and friendly environment is concerned

Whereas NEC is a highly reputed Educational Institution, which has learned faculty, Centers of Excellence and large number of intelligent students, who can complement the efforts of Industry.

Prashan Medical Technologies and NEC jointly agree to exchange their expertise for mutual benefit and growth, on the areas and the terms specified hereunder:

The fields identified for exchange of resource and knowledge is

a. Industrial Visits

f. Problem Solving



- b. Guest Lecture & Paper Presentations
- g. Internship
- c. Project Work
- h. Curriculum development
- d. Research & Development
- i. Studies & Industry Consultancy
- e. Training the Faculty
- j. Placements

## **TERMS**

### **A. Industrial Visits:**

Based on convenience, Prashan Medical Technologies shall allow students and faculty of NEC for industrial visits, towards the benefit of practical exposure.

### **B. Guest Lectures:**

Prashan Medical Technologies shall provide guest lectures to students periodically to get them motivated to become competent and successful entrepreneurs. Vice versa, NEC will provide classroom and explanatory sessions at its facilities to train / re-train the Employees of (Prashan Medical Technologies).

### **C. Project Work:**

Prashan Medical Technologies shall allow students of NEC for live project works, aimed at building confidence and will help them to get prepared for smooth transition from academic to a professional working environment.

### **D. Research & Development:**

Prashan Medical Technologies shall allow students and faculty of NEC for the Research and Development work related to their fields to get an exposure.

### **E. Training of Faculty:**

Prashan Medical Technologies would as and when required based on request from NEC shall train the faculty on relevant topics/areas of expertise or as may be mutually agreed upon to build the skills of faculty in a specific subject/domain.

### **F. Problem Solving:**

When the problem areas or thrust areas are identified during the course of interaction between NEC and Prashan Medical Technologies for further research and problem solving, they may use the facilities / resources available mutually.

### **G. Internships:**

Prashan Medical Technologies shall provide opportunities and inputs to students of NEC to undertake internships and field studies to provide inputs in the field of Management, Technology Development and Marketing.

### **H. Curriculum Development:**

The experience and expertise of the Managers and Engineers of Prashan Medical Technologies shall be made available for NEC in framing the curriculum, so as to suit to the needs of the industry.

### **I. Studies and Industry Consultancy:**

The faculty resources and expertise of NEC and student assistance shall be made use of by Prashan Medical Technologies for undertaking any studies for improvement/ productivity increase in any of its activity segments.

### **J. Placements:**

Prashan Medical Technologies shall provide opportunities of employment for the students of NEC in permanent positions across various roles of Medical Device Design, R&D Production, techno commercial roles etc.

### **Location:**

**Prashan Medical Technologies Pvt. Ltd.,**  
No.19, Peelamedu, Sri Nagar,  
Hope College, Coimbatore,  
Tamil Nadu 641004

**Nandha Engineering College(Autonomous),**  
Perundurai to Erode Main Road,  
Erode,  
Tamil Nadu 638052.

### **General:**

1. Based on the requirement of Prashan Medical Technologies Human Resources team shall give priority in recruiting Graduate Trainees / Management Trainees from NEC.
2. NEC and Prashan Medical Technologies shall share the Library & Laboratory facilities at their ends for the mutual benefits.
3. A Steering Committee consisting of members from Prashan Medical Technologies and NEC shall be the functionary to execute this MoU during its tenure and shall review the components contained in the MoU.
4. One of the members of the above steering committee on each of the sides will function as its secretary for the purpose of communication.




5. Both the parties will maintain confidentiality pertaining to information, intellectual property, trainings imparted, notes, data or any other relevant information acquired during the period of the MoU. Neither party shall disclose to another agency or anyone outside of this contract, details or anything related with Prashan Medical Technologies without the prior consent of the stakeholder/s.
6. Any financial obligations on either of the parties due to Industrial Visits, Guest Lecture, Projects, and R&D work, Training; Consultancies etc. should be mutually agreed upon in advance on case to case basis.
7. This MoU will be in effect for a period of 2 years and can be extended for further period on mutual agreement.

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 04<sup>th</sup> OCTOBER 2021 AT COIMBATORE.

For PRASHAN MEDICAL TECHNOLOGIES


For NEC


  
.....  
(Mr. BOOPATHI SAKTHIVEL)  
Founder & CEO – Prashan Medical Technologies



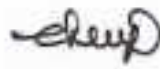
  
.....  
(Dr. N. RENGARAJAN)  
PRINCIPAL – NEC  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode 638 052.

Witnesses:

1.   
.....  
(Mr. Mahesh Chandran)  
Customer Support – Prashan Medical Technologies

1.   
.....  
(Dr. C. Siva)  
Professor and Head, IT Department

2.   
.....  
(Mr. Poongodi Rangarajan)  
HR & Admin – Prashan Medical Technologies

2.   
.....  
(Dr. C.K. Vijayalakshmi)  
ASP /BME Department

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தமிழ்நாடு தமில்நாடு TAMIL NADU 3.3.2023 21AC 523929

Nandha Engineering College  
Erode.

S. கருணாநிதி,  
முத்திரைத்தாள் விற்பலையாளர்.  
பெருந்துறை டவுன்.  
உரிமம் எண்: 16/2008/ ஈரோடு.  
பெருந்துறை, தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING /AGREEMENT

This Memorandum of Understanding (MoU) is made on this day 04.03.2023 between

TAKSHILA INSTITUTE OF VLSI TECHNOLOGIES (hereafter called TAKSHILA VLSI) situated at 2nd Floor, Ram Arcade, 90/1B, CKB Layout, Chandra Layout, Marathahalli, Bengaluru - 560037, Karnataka.

AND

Department of ELECTRONICS AND COMMUNICATION ENGINEERING, NANDHA ENGINEERING COLLEGE (Autonomous), Erode - Perundurai Main Road, Vaikkaalmedu, Erode-638052, Tamil Nadu.

Purpose and objectives

- To promote and enhance semiconductor / VLSI domain interest in students.
- To provide Online/Offline/Weekend training to students in VLSI courses such as Physical Design / Analog Layout /ASIC Verification / Design for Test (DFT).
- To provide internship to students from VLSI Service provider company SiValley Technologies Pvt. Ltd. in Digital or Analog Domains.
- To provide placement assistance to the students who complete the course / internship.
- To provide academic interaction by delivering special lectures at college on topics of relevance to semiconductor domain



## **I. About NANDHA ENGINEERING COLLEGE**

Established in 2001, Nandha Engineering College, which started with 3 branches, is in its 21<sup>st</sup> year of service to the student community. It remains the flagship brand of Nandha Educational Institutions and is recognized as one of the best engineering colleges in the state of Tamil Nadu.

Nandha Engineering College, under the guidance of the illustrious Chairman Thiru. V. Shanmugan and Secretaries Thiru. S. Nandhakumar Pradeep and Thiru S. Thirumoorthy with foresight and far-reaching vision, is at the forefront of innovation in technical and management education.

The College, as of now, is functioning with 3133 students belonging to 12 Engineering and Technology Departments, Computer Applications, Management Studies, Basic Science and Humanities Department. Nandha Engineering College excels as one of the Top Engineering Colleges in Erode.

### **Vision**

To be an Institute of excellence providing quality Engineering, Technology and Management education to meet the everchanging needs of the society.

### **Mission**

- To provide quality education to produce ethical and competent professionals with social responsibility.
- To excel in the thrust areas of Engineering, Technology and Entrepreneurship by solving real- world problems.
- To create a learner centric environment and improve continually to meet the changing global needs.

### **Quality Policy**

We at Nandha Engineering College, are committed as a team to constantly and consistently work for the student's continual improvement in terms of quality in education, ethics, personality and career development to meet the global challenges.

## **II. About Department**

Department of Electronics and Communication Engineering (ECE) was established in the year 2001 with the vision of developing the department as a Centre of Excellence in Research and Development. The main focus is to make the students blossom into meritorious and self-disciplined engineers by smart work.

Every facet of life today is associated with electronics in one way or other. Either it is computer (Hardware) or Communication (Multimedia) or a control, Electronics serves as the link. The exciting world of electronics needs very good mathematical background and also an analytical mind. The opportunities in electronic field are countless such as Application developers, system engineers, integrators and information technology. Mobile telephony has shrunk the world. Hazardous situations can be handled safely with electronics with robots for disposing bombs, handling the wastes and precision operations. Subjects on Digital Systems, Digital Signal Processing, Fuzzy logic and Neural Networks, VHDL and VLSI, Digital Communication, Embedded System, Microprocessors, Micro Controllers and Microwaves are studied as part of the course.

### **III. About TAKSHILA VLSI**

- Takshila VLSI institute is among the top 10 VLSI training institutes in India. At Takshila, we understand the changing demands in the field of VLSI. Our courses are designed to offer students hands-on experience in industry trends. We focus on the overall growth and development of the student. At Takshila, our courses are job oriented and our trainers have over 12 year's industry experience.
- Since our inception, we have strived to remain among the best VLSI training institutes. We do this through intensive training, affiliation with top-tier design industries and effective placement programs. Our primary aim at Takshila is to connect the student's skill set with industry requirements. We achieve this through teaching job-oriented VLSI courses. We also partner with top-tier design industries for student's placement programs.
- We place high importance on excellence and student's development. That is why our trainers are selected with 12+ experience, worked with Tier-1 semiconductor companies such as Qualcomm, Intel, Broadcom, AMD, Analog Devices, IBM, STMicroelectronics, Synopsys, Texas Instruments and Xilinx. We have a very conducive learning environment with modern facilities and learning tools. Our student's excellent performance in the field has continually ranked us among the top 10 physical design training institutes here in Bangalore.

### **IV. Benefits to the students**

- **Course delivered by Experts:** Experts in the industry teach our various courses to students. At Takshila, our experts share their experience and help build the career of our students in the VLSI industry. You have the opportunity of carrying out practical applications and examples.
- **100% placement support:** Our main goal is to help engineers build a successful career in the VLSI industry. Not only we do train you, but we also coach you in order to become a best Chip Designer. Our training process allows students to learn even complex technologies within a short time space and transforming them into professionals in no time.



- **Superior Training infrastructure and Methodology:** Industry experts carefully designed the training program based on the career growth and job opportunities available in the VLSI industry. We use an unique training methodology for our students with 70% of the course time allocated to the labs, mini-projects, and the final projects. However, the other 30% is allocated to imparting the technologies to our student.

#### V. Proposed Modes of Collaboration

Takshila VLSI and College to collaborate through the following:

- Cooperation and promotion of education and training in areas of mutual interest
- Any other appropriate mode of interaction agreed upon between Takshila VLSI & College

Any specific plan will be worked out by the college depending upon availability of resources

#### VI. Terms and Conditions

- For the visits related to advice & consultancy, travel and other expenses of Takshila VLSI staff shall be reimbursed by college on mutually agreed terms.
- Usage of College Academic infrastructure can be allowed for limited period subject to its availability, approval of Head of the Department and College norms.
- This MOU may be amended, renewed and terminated by mutual written agreement of the colleges at any time.
- Either Takshila VLSI or College shall have the right to terminate this MOU upon 60 days prior written notice to the other.

#### Confidentiality

- The Takshila VLSI and the College agree to hold in confidence all information /data which is obtained from either Takshila VLSI or College or created during the performance of the MOU and will not disclose the same to any third party without written consent of the other.

#### Duration of MOU

- This MOU, unless extended by mutual written consent of the both, shall expire in **THREE YEARS** after the effective date. However, on review, the MOU shall be extended for another TWO years by mutual consent.

#### Intellectual Property Rights

- Intellectual Property Rights (IPR) that arise as a result of joint research and collaborative activity under the agreement will be worked out on a case to be case basis and will be consistent with officially laid down IPR polices both.

**Signed in Duplicate**

- The MOU is executed in duplicate with each copy being an official version and having equal legal validity. By signing below, the Takshila VLSI and College, 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.

**VII. MOU Effective Date**

This MOU shall be in force for a period of 3 years from the date of signing and will be renewed/ refreshed on mutually agreed terms and conditions.

This Memorandum of Understanding is made on 04.03.2023

Designated Representatives

For Nandha Engineering College,  
Erode

  
Dr.N. RENGARAJAN 4.3.2023

PRINCIPAL  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.




For Takshila Institute of VLSI  
Technologies

  
Mr. VENKATASWAMY NANDAM

DIRECTOR  
For Takshila Institute of VLSI Technologies

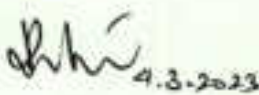
Authorized Signatory

WITNESS:

1. Signature :   
Name : Dr.S. Kavitha 4.3.23  
Designation : Professor & Dean/ ECE  
Date : 04.03.2023

2. Signature :   
Name : Kiran Kumar Kaspa  
Designation : Operations Manager  
Date : 04.03.2023



3. Signature :   
Name : P. Logamurthy  
Designation : Assistant Professor / ECE  
Date : 04.03.2023

4. Signature :   
Name : Megha M  
Designation : Placement Coordinator  
Date : 04.03.2023



भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU

10/3/23

21AC 525509



THE PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
ERODE

S. கருணாநிதி,  
முத்திரைத்தாள் கிற்பனையாளர்,  
பெருந்துறை டவுன்,  
உரிமம் எண்: 16/2008/ ஈடுபாடு,  
பெருந்துறை, தமிழ்நாடு.

**MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding is executed on 10.03.2023

Between

**Nandha Engineering College (Autonomous), ERODE**

and

**SPARKOUT Tech Solutions (Pvt.) Ltd, Coimbatore**

at

**Nandha Engineering College (Autonomous), ERODE**

Erode - Perundurai Main Road, Vaikkaalmedu, Erode, Tamil Nadu 638052

For Sparkout Tech Solutions Pvt Ltd

B. V. S.

Director

N. Rengarajan

Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.





## **MEMORANDUM OF UNDERSTANDING**

This Memorandum of Understanding is entered into and is effective as of **10.03.2023** (the "**Effective Date**") the MOU shall be valid for a period of two years (10.03.2023-10.03.2025)

By and between

**Nandha Engineering College** was established in 2001 and started with 3 branches is in its 17<sup>th</sup> year of service to the students community. It remains the flagship brand of Nandha Educational Institutions and is recognized as one of the Best Engineering Colleges in the State of TamilNadu. Nandha Engineering College, under the guidance of illustrious **Chairman Thiru. V. Shanmugan, Secretaries Thiru. S. Nandhakumar Pradeep and Thiru. S. Thirumoorthy**, with foresight and far reaching vision, is in the forefront of innovation in technical and management Education. The college as on now is functioning with 3000 students belonging to 9 engineering and technology departments, Computer Applications, Management Studies, Basic Science and Humanities Department. Nandha Engineering College excels as one of the Top Engineering Colleges in Erode.

### **DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE:-**

The Department of Artificial Intelligence and Data Science (UG) was established in the year of 2021 with a view to fulfill the dynamic needs of IT sector all over the world. As it is functioning under Nandha Engineering College, an Autonomous Institution and Affiliated with Anna University, Chennai, and the department has also been rated and recognized with respect to faculty, facilities, curricula and academic programme, and administrative system. Highly qualified faculty, talented and dedicated, knowledgeable and cooperative, high quality faculty having expertise in current IT technologies, strong research potential with active faculty publication activities and Flexible curriculum management. This course aims at providing not only the core technologies such as artificial intelligence, data mining and data modeling but also gives intensive inputs in areas of machine learning and big data analytics.





And

## **PREAMBLE**

**SPARKOUT** and the **NEC**, which has learned faculty with good industrial experience and promising students, jointly agree to exchange their expertise for mutual benefits and growth, on the are as specified here under:

1. Industrial Visit
2. Internship
3. Technical Sessions
4. Project Work -Assistance
5. Research & Development
6. Problem Solving and Consultancy
7. Studies & Survey
8. Industry driven One Credit courses
9. Placement assistance

## **Terms Agreed**

### **1. Industrial Visit**

Subject to operational feasibility, SPARKOUT will allow students for industrial visits for the benefit of practical exposure on latest technologies in IT.

### **2. Internship**

SPARKOUT will facilitate the students to undertake Internship and allow them for Inplant training in the field of IT and facilities available at SPARKOUT.

### **3. Technical Sessions**

SPARKOUT will facilitate and arrange technical sessions and guest lectures on mutual consent, to students periodically to get them motivated to become successful IT professionals and vice versa; the Institution will provide expertise and its facilities to SPARKOUT.

### **4. Project Work**

SPARKOUT may allow students of the NEC for live project works aimed at building confidence to get prepared for smooth transition from academic to a professional working environment.

### **5. Research & Development**

SPARKOUT may allow students and faculty members of the NEC for Research and Development work related in their fields.



#### **6. Problem Solving and Consultancy**

Problems identified in thrust areas during the course of interaction between the NEC and SPARKOUT, will be addressed through collaborative work between the NEC and SPARKOUT for further research and consultancy.

#### **7. Studies and Survey**

SPARKOUT may provide opportunities and inputs to the students of the NEC to undertake field studies and provide inputs for surveys related to the field of information technology development, designing and digital marketing.

#### **8. Industry driven One Credit courses**

SPARKOUT may depute senior experts to offer one credit courses for the students of NEC. The Experts will be involved in develop in the syllabus and conducting the coursed to the students in the advanced technologies.

#### **9. Placement Assistance**

As and when deemed necessary, SPARKOUT may provide placement opportunities to the students of NEC.





### Validity and Termination

This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms.

This joint arrangement is aimed at providing facilities and service on mutually beneficial basis, focused towards increasing the employability of the Students.

The Institution is to ensure that the students are such people aimed to get benefited and the Institution has to give priority to SPARKOUT in the routine outbound learning and training related activities.

Read, Understood and Consented

IN WITNESS WHERE OF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 10.03.2022, AT ERODE.

For Sparkout Tech Solutions Pvt Ltd

*B. Vishnuvardhan*

SECOND PART: Director

Mr. B. VISHNUVARDHAN  
HR Manager,  
SPARKOUT TECH  
SOLUTIONS, PRIVATE  
LIMITED, COIMBATORE



*N. Rengarajan*

FIRST PART

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.

Witness:

- 1) *P. Gautham* → (Mr. N. Parvathi, HOD/AIIDS)
- 2) *P. Gautham* → (Mr. P. Gautham, Blockchain Architect)



தமிழ்நாடு தமில்நாடு TAMIL NADU 9.2.2023.

21AC 531756



The Principal,  
Nandha Engineering College,  
Erode.

பொ. எஸ். இஷ்  
முத்திரைத்தாள் விற்பனையாளர்  
159/77, அகர்வழை வீதி,  
புருந்துறை - 638052.  
பு. எண்: 21AC/531756/2021

**MEMORANDUM OF UNDERSTANDING (MoU)**

**Between**

This Memorandum of Understanding (MoU) is made on 10<sup>th</sup> FEBRUARY 2023, **MEDINGERS HEALTHCARE SOLUTIONS** having its office at 862, No. 3, First Floor, Soli Complex, EVN Road, Erode, Tamil Nadu – 638 009, here in after called MEDINGERS,

and

**NANDHA ENGINEERING COLLEGE (Autonomous), Perundurai** Main Road, Erode - 638 052, here in after called NEC.

*[Signature]*  
8. Feb 2023

*[Signature]*





### Scope & Statement of Work:

This MoU is made for sharing the technical knowledge, skills, resources, and Industry/ Academia exposure to the **Department of Biomedical Engineering of NEC and MEDINGERS**, concerned stakeholders for mutual benefits.

Both **NEC** and **MEDINGERS** have agreed to enter into this Memorandum of Understanding, for **Skill Development & Mutual Benefits** in the following aspects.

1. Students' visits and in-plant training at the **MEDINGERS**
2. Faculty training at the **MEDINGERS** and **NEC**
3. Placement Drive/ Campus interview for the students
4. Provide Internship/Project & Hands-on Training

### Commercial Terms:

- On the approval of the Management, Courses and Training will be conducted on the respective premises.
- The fee for the Course & Training will be decided according to the course's duration and value, and the financial transactions will be made according to the terms and conditions specified for the courses.
- Other than the above two statements no fund transfer is carried out in this Memorandum of Understanding (MOU).

*M. S. S. S. S. S.*  
8-Feb-2022



*M. S. S. S. S.*



### Dispute Resolutions:

In the event of any dispute, controversy, or claim arising out of or relating to this Agreement or any subsequent amendments to this Agreement including, without limitation, the breach, termination, validity, or invalidity thereof, or any non-contractual issues relating to the MoU, each of the parties will appoint a designated officer to meet for resolving such dispute or to negotiate for an adjustment to such provision.

### Validity

This MoU will be valid for a period of **Three years** from the date of signing and can be renewed/ extended at the option of both parties before expiry. Now therefore the parties hereto have agreed to enter into a Memorandum of Understanding (MoU) considering the long-term benefits of sharing the knowledge between them and establish a vibrant Industry-Institute collaboration, by undertaking joint activities in their respective fields of research. This Memorandum of Understanding shall come into effect from **10<sup>th</sup> FEBRUARY, 2023.**



*[Handwritten signature]*  
9. Feb 2023



*[Handwritten signature]*



**Contact Information**

**For MEDINGERS HEALTHCARE SOLUTIONS:**

**Representative:** Er. Muhammadu Sathik Raja,

**Position:** HR & CR

**Address:** Medingers Healthcare Solutions,

862, No 3, First Floor, Soli Complex,

E.V.N Road, Surampatti 4 Road, Erode – 638 009,

Tamil Nadu.

Phone: +91 99438 61818

Email: [training@medingers.com](mailto:training@medingers.com)

**For NEC:**

**Representative:** Dr. N. Rengarajan

**Position:** Principal

**Address:** NANDHA ENGINEERING COLLEGE (Autonomous),

Perundurai Main Road,

Erode - 638 052,

Tamil Nādu, India.

Telephone: 04294-225585

Email: [principal@nandhaengg.org](mailto:principal@nandhaengg.org)



*N. Rengarajan* 10.2.23

**Dr. N. Rengarajan**  
Principal,  
Nandha Engineering College  
(Autonomous), Erode.



*Er. Muhammadu Sathik Raja* 8 Feb 2023

**Er. Muhammadu Sathik Raja,**  
HR & CR,  
Medingers Healthcare Solutions,  
Erode.



தமிழ்நாடு தமில்நாடு TAMILNADU

P & G Academy of Travel  
and Tourism,  
Erode.  
18.11.2022.

CF 383567

B. Rammal

B. ரமலின்ராஜ்

முத்திரைத்தாள் விற்பனையாளர்,  
59/1, சங்கடர் ரோடு,  
சென்னிமலை - 638 051.  
உரிமம் எண்: 3/சரோடு/2021

MEMORANDUM OF UNDERSTANDING

BETWEEN

**NANDHA ENGINEERING COLLEGE (Autonomous)**

VAAIKALMEDU, PERUNDURAI ROAD, ERODE - 638052 TAMILNADU.

And

**SACCA INSTITUTE OF FREIGHT AND TOURISM**

Old CCS Building, Junglighat, Port Blair, Andaman 744103 INDIA

Branch: P & G Academy of Travel and Tourism, 484/7, Rithvi Towers, 2nd Floor, Perundurai, Erode  
638052, Tamilnadu

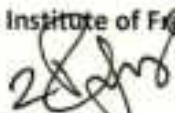


**NANDHA ENGINEERING COLLEGE**, A Private Autonomous Institution Established in 2001, located at VAAIKAALMEDU, PERUNDURAI ROAD, ERODE – 638052 TAMILNADU, India, represented by **Dr.N.Rengarajan** and **Sacca Institute of Freight and Tourism**, Old CCS Building, Junglighat, Port Blair, Andaman 744103 INDIA Represented by **Mr. M.Veerababu**, Director recognizing the benefits to their respective institutions conclude this Memorandum of Understanding (MOU).

1. The purpose of this MOU is to develop academic and educational co-operation and to promote collaborative activities between the two parties from the date of 18<sup>th</sup> Nov 2022.
2. The two parties agree to develop the following collaborative activities in the areas of airlines, cargo and tourism and related areas of mutual interest
  - i. Training programs for students and staff
  - ii. Workshop for students and staff
  - iii. Joint Research through projects to students and staff
  - iv. Joint seminar & conferences
  - v. Exchange of resources
  - vi. Joint Publications
  - vii. Placement for eligible students
3. Nandha Engineering College, hereby appoints 1) **Dr.E.K.Vellingiraj**, Professor & Head, Department of Computer Applications, 2) **Ms.G.Sudha**, Assistant Professor, Department of Computer Applications and **Sacca Institute of Freight and Tourism**, appoints (**P & G Academy of Travel & Tourism**) and **Mr.D.Prabhu** Branch Head to co-ordinate and oversee all discussions between the Parties pursuant to this MoU.
3. The development and implementation of specific activities based on this MoU will be separately negotiated and agreed between faculties, departments, schools or institutes, which carry out the specific projects.
4. Should the collaborative research activities under the MoU result in any potential for intellectual property; both the parties shall seek an equitable and fair understanding as to ownership and other property interests that may arise.
5. This MoU may be amended or modified by a written agreement signed by the representatives of both parties.
6. This MoU is valid for a period of 5 years from the date of signing by both parties and it shall be renewed after being reviewed and renegotiated by both parties.
7. This MoU may, at any time during its period of validity, be terminated by one of the party upon prior notice to the other in writing not later than six months before the termination date.

8. All information exchanged between Parties in connection with this MoU or during discussions preceding and relating to this MoU or to any matter contemplated by this MoU are CONFIDENTIAL to them and may not be disclosed to any third party during the period of this MoU.

Sacca Institute of Freight and Tourism,

  
Mr. M. Veerababu

Director

Sacca Institute of Freight and Tourism.



For Nandha Engineering College



Dr. N. Rengarajan


Principal

Nandha Engineering College

Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,

PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.

P & G Academy Of Travel and Tourism

  
Prabhu D

Director

P & G ACADEMY OF TRAVEL AND TOURISM  
484/7, RITHVI TOWERS,  
CHENNIMALAI ROAD EAST,  
PERUNDURAI, ERODE - 638 052  
CELL : 90925 22755




Date: 18<sup>th</sup> Nov 2022

Place: Erode

WITNESS :

1. 

Dr. E. K. VELLINGIRAJ, ME, MBA, PhD  
PROFESSOR & HEAD  
DEPARTMENT OF MCA  
NANDHA ENGINEERING COLLEGE  
ERODE - 638 052. TAMILNADU

2.   
SAMBASIVAM, S  
AP / MCA  
NANDHA ENGG. COLLEGE



भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY  
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிழ்நாடு TAMIL NADU 9.3.2023

21AC 521623

Principal  
Nandha Engineering College  
Erode

S. கிருஷ்ணா,  
முத்திரைத்தாள் விற்பலையாளர்,  
பெருந்துறை டிஸ்ட்ரிக்ட்,  
உரிமம் எண்: 16/2008/சென்னை  
பெருந்துறை, தமிழ்நாடு

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding ("MoU") is made and executed on 09.03.2023.

BETWEEN

**NANDHA ENGINEERING COLLEGE (Autonomous), Perundurai Main Road, Erode - 638 052,** as the first party, hereafter referred as "NEC" (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its administrators, liquidators, successors and permitted assigns) represented by its Head of the Institution and herein referred as Party 1;

AND

**ATHEENAPANDIAN PRIVATE LIMITED,** located at Opposite to Para Sakthi College for Women, Vanavil Cottage Building, Courtallam Main Road, Courtallam 627802, Tenkasi District, Tamil Nādu, India (which expression shall, unless repugnant to the context or meaning thereof, be deemed to mean and include its administrators, liquidators, successors and permitted assigns) represented by its proprietor **Dr. S.Atheena Milagi Pandian** and herein referred as Party 2;

*N. Ranganathan*  
9.3.2023  
Dr.N.Rangarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE,  
(Autonomous)  
ERODE - 638 052.

*S. Atheena Milagi Pandian*  
S. ATHEENA MILAGI PANDIAN  
Founder and Managing Director  
ATHEENAPANDIAN PRIVATE LIMITED  
CHENNAI BRANCH  
KATTUPAKKAM, CHENNAI-600 056.



Together Party1 and Party2 referred as Parties;

WHEREAS, NEC is an educational institution, properly recognized by the Government of India with faculty and participating students and with state-of-the-art infrastructure / facilities, including laboratories, equipment required for Research and Development;

WHEREAS **ATHEENAPANDIAN PRIVATE LIMITED** is engaged in research, design, development and providing training of high quality Biomedical Equipment products in the field of Healthcare Electronics and related areas.

ATHEENAPANDIAN agrees to offer a package of academic interface programme containing the following for the **Department of Biomedical Engineering of Party1.**

S. No.	ITEM DESCRIPTION
1	Curriculum development for Department of Biomedical Engineering
2	Internship and Workshop facility for B.E. Biomedical Engineering
3	Collaborative research work in the areas relevant to ATHEENAPANDIAN Private Limited
4	Help to organize technical events.

Party1 agrees to provide:

S. No.	ITEM DESCRIPTION
1	Infrastructural facilities and local hospitality for the activities at the institute.
2	Active participation of the faculty in the collaborative research work relevant <b>ATHEENAPANDIAN PRIVATE LIMITED</b>

NOW THIS MEMORANDUM OF UNDERSTANDING WITNESSED AND IT IS HEREBY AGREED AND UNDERSTOOD BETWEEN THE PARTIES HERETO AS UNDER:

#### 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 Both the parties' co-operation will facilitate effective utilization of the intellectual capabilities of the faculty of the Institution providing significant inputs to them in developing suitable research design and development in advanced computing and computer learning systems, keeping in mind the needs of the Corporate Social responsibilities of the Company, ATHEENAPANDIAN PRIVATE LIMITED.

  
9.3.2023  
**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,**  
**PRINCIPAL**  
**NANDHA ENGINEERING COLLEGE**  
**(Autonomous)**  
**ERODE - 638 052.**

  
09.11.2023  
**S. ATHEENA MILAGI PANDIAN**  
**Founder and Managing Director**  
**ATHEENAPANDIAN PRIVATE LIMITED**  
**CHENNAI BRANCH**  
**KATTUPAKKAM, CHENNAI-600 056.**



## CLAUSE 2 - SCOPE OF THE MoU

2.1 Both Parties have agreed that the Institution shall support the COEAC by providing students and faculty to carry out the research activities in conjunction with the staff and advisers of COEAC.

2.2 There is no financial commitment on the part of Institution to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately. The Institution might optionally provide work space and infrastructure support including computer, servers and storage for the use of the students and faculty to be used for the research.

2.4 ATHEENAPANDIAN PRIVATE LIMITED shall appropriately compensate or pay remuneration to the faculty and students for their research work and creation of intellectual property and is outside the scope of this MoU.

## CLAUSE 3 - INTELLECTUAL PROPERTY

IPR titles or ownership of any products, proprietary information or technology tools, processes, utilities and methodology including any ATHEENAPANDIAN PRIVATE LIMITED proprietary products or components thereof used hereunder or development of any deliverables and all new ideas, inventions, innovations, or developments conceived, developed or made by ATHEENAPANDIAN PRIVATE LIMITED hereunder will not be transferred from ATHEENAPANDIAN PRIVATE LIMITED to Party 1 on account of use of the same as part of any work under this Agreement nevertheless Party 1 and ATHEENAPANDIAN PRIVATE LIMITED follow following terms and conditions:

1. If more than 75% work done at ATHEENAPANDIAN PRIVATE LIMITED IPR always remains with ATHEENAPANDIAN PRIVATE LIMITED.
2. If Party1 contributes 50% of works then IPR will remain with both parties.
3. If 40% of work done by ATHEENAPANDIAN PRIVATE LIMITED and 60% of work done by Party1 then IPR remains with Party1.


However in all the cases mentioned above, the Party1 shall have a royalty free, non-exclusive, irrevocable license to copy/use IP for research and educational purposes.

## CLAUSE 4 - DURATION OF MOU AND TERMINATION

4.1 This MoU will come into force upon affixing of the signatures of the both parties and will remain in effect for Ten years. This MoU may be renewed upon its expiry, with the agreement of both parties.

4.2 If either party wishes to terminate the MoU at the end of the Ten years, it must notify the other party not less than two months before the expiry of the MoU.

4.3 This MoU or its renewal and the actions taken under it may be reviewed at any time. Modifications may be made by mutual agreement, and any amendment or extension to the agreement may be formalized by the exchange of letters between the two parties.

  
9.3.2023  
Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052

  
S. ATHEENA MILAGI PANDIAN  
Founder and Managing Director  
ATHEENAPANDIAN PRIVATE LIMITED  
CHENNAI BRANCH  
KATTUPAKKAM, CHENNAI-800 056.

### CLAUSE 5 - RELATIONSHIP BETWEEN THE PARTIES

5.1 It is expressly agreed that both the parties are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

5.2 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.

### CLAUSE 6 DISPUTES AND SETTLEMENT

6.1 The parties shall endeavour to settle any dispute or claim arising out of or in relation to this MoU through amicable discussions. If not amicably settled within sixty (60) days of the notification of a dispute by a party or claim arising, such dispute or claim shall be decided by a sole arbitrator to be appointed by the parties mutually.

IN WITNESS WHEREOF, the parties have executed the MoU on the day, month, and year first written above, in the presence of the following witnesses:

  
For and on behalf of the NEC

**Dr. N. Rengarajan**  
Principal,  
NANDHA ENGINEERING COLLEGE  
(Autonomous),  
Perundurai Main Road,  
Erode - 638 052,  
Tamil Nādu, India.

**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,**  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.



  
For and on behalf of ATHEENAPANDIAN  
PRIVATE LIMITED  
Dr. S.ATHEENA MILAGI PANDIAN  
Founder and Chief Executive Officer,  
ATHEENAPANDIAN PRIVATE  
LIMITED,  
Courtallam branch  
Tenkasi -627802  
Tamilnadu, India.

**S. ATHEENA MILAGI PANDIAN**  
Founder and Managing Director  
ATHEENAPANDIAN PRIVATE LIMITED  
CHENNAI BRANCH  
KATTUPAKKAM, CHENNAI-600 058.



# B.T.R. CONSTRUCTION

No. 76, Baguduthurai, Bhavanisagar, Sathy (Tk), Erode District., 638 451.  
Email: sankarme7@gmail.com

Date:.....

## MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MoU) entered on the 23<sup>rd</sup> September 2021.

By and Between

**B.T.R Construction** having its Registered office at No 76, Baguduthurai, Bhavanisagar, Sathy (TK), Erode District- 638451 (hereinafter referred as "B.T.R Construction" for the sake of brevity) and represented by its Designated Partner, **Er. R.Udhayasankar** (which expression shall mean and include its successors in office and assigns)

And

**Nandha Engineering College (Autonomous)**, having its CAMPUS at (Erode - Perundurai Main Road, Vaikkaalmedu, Erode - 638052) and represented by its Principal, **Dr. N.Rengarajan** (which expression shall mean and include its successors in office and assigns)

### Objectives:

- To provide employable skills to the students of Nandha Engineering College (Autonomous).
- Make the student aware of the latest tools and techniques in order to keep them industry ready at the end of their training.
- Offer the Internship program and Onsite training programs at an affordable price to the students of Nandha Engineering College (Autonomous).
- To build and improve the confidence level of the students to face the challenges of real time
- Increase the employability of the students and upsurging their placement probability.

This Memorandum of Understanding is to conduct a Unique, Step - By - Step, Systematic, and Employable Skills Development Program for the students of Nandha Engineering College (Autonomous) towards achieving the objective of maximizing the employable opportunities for students of Nandha Engineering College (Autonomous).

This Memorandum of Understanding states the terms and conditions under which the Incubation Center acts and other Trainings shall be conducted by B.T.R Construction through its Erode at the premises of Nandha Engineering College (Autonomous) and lists herein the respective responsibilities of both parties.

### Preamble:

To get a student employable and placed in an organization; over and above the subject knowledge he / she is expected to have the following:

# B.T.R. CONSTRUCTION

No. 76, Baguduthurai, Bhavanisagar, Sathy (Tk), Erode District., 638 451.

Email: sankarme7@gmail.com

Date:.....

- Strong Fundamental Engineering Knowledge
- Tacit Knowledge (Site / Practical)

While Subject Knowledge would be provided by Nandha Engineering College (Autonomous), and B.T.R Construction will equip the students with skills to meet current industrial needs.

On one hand, thousands of unemployed Engineering graduates are not finding suitable jobs, while on the other hand, Industry requires millions of young minds at all levels but are unable to find the right candidate. This is because of the skill gap that exists between the student and industry requirements. This skill gap is sought to be minimized for the students of Nandha Engineering College (Autonomous) by facilitating them to acquire the appropriate and relevant skills at Nandha Engineering College (Autonomous) itself through this program.

#### B.T.R Construction, Erode Shall Provide

- B.T.R CONSTRUCTION will establish their office at incubation center.
- At the time of Onsite Training Program, B.T.R CONSTRUCTION will provide reference and work books to students as part of the course.
- Periodical assessment of the progress of students for their further improvements.
- 'Certificate of Completion' will be provided to the student who successfully completes the training program.

#### Nandha Engineering College (Autonomous) Shall Provide:

- The incubation centre should encompass of Five number of computer systems and other required stationaries like white board, markers.
- The Schedule with the classes for the training program
- The supports to ensure all students who have signed to attend the Internship programs scheduled for them.
- The relevant software installed in the computer systems.
- Disciplinary support for the smooth conduct and timely completion of the entire course.
- Minimum Three to Six Month of Internship Training time.
- At the time Onsite Training, Nandha Engineering College (Autonomous) has to provide a minimum of 2000 Sqft of land, which may vary depending upon students strength for practicing of site activities.
- Provide all support to B.T.R Construction in the marketing initiatives undertaken by B.T.R Construction to enroll students in Onsite Training program and internship offered by B.T.R



# **B.T.R. CONSTRUCTION**

No. 76, Baguduthurai, Bhavanisagar, Sathy (Tk), Erode District., 638 451.

Email: sankarme7@gmail.com

Date:.....

Construction . Nandha Engineering College (Autonomous) will provide all infrastructural facilities for the marketing initiatives undertaken by B.T.R Construction .

## **Interns:**

The participants would be the Students of Nandha Engineering College (Autonomous) from Civil Engineering stream from 5<sup>th</sup> to 8<sup>th</sup> Semesters .

## **Internship and Workshops:**

B.T.R CONSTRUCTION in consultation with Nandha Engineering College (Autonomous) shall finalize the Internship programs and Onsite Program with fees for the skills development of students.

## **Internship**

The Internship Program will conducted during the days and timings provided by B.T.R CONSTRUCTION . The Intern will be selected, according to their theoretical and practical sound through interview and training program. The Intern selected for intership program has to maintain proper attendance and has to report to their respective incharge. The Intern has to obey the terms and conditions of B.T.R CONSTRUCTION .

## **Onsite Training Program**

The Onsite programs will be conducted during the days and timings provided by Nandha Engineering College (Autonomous). The students will be divided into batches, depending on the total strength. The programs will be conducted according to the Time Table drawn up with the mutual consent of B.T.R Construction and Nandha Engineering College (Autonomous). Utmost care will be taken to frame the time table in such a way that it does not coincide with college exams, enabling the students to complete their training ahead of the exams. B.T.R Construction will not conduct any classes during the time of exams. In case of any change in training schedule the same will be intimated to the Program Coordinator of Nandha Engineering College (Autonomous). Similarly, if Nandha Engineering College (Autonomous) wants a change in training schedule the same may be communicated to the Programme Coordinator of B.T.R Construction. In either of the case, a revised training schedule has to be made by the mutual concern of Programme Coordinators of both B.T.R Construction & Nandha Engineering College (Autonomous), students must be informed about the change in training schedule by means of suitable media (emails/posters/circulars/notice board displays). Enrolling into this Program does not guarantee for any job, it is only to train the student and to keep them industry ready.

# B.T.R. CONSTRUCTION

No. 76, Baguduthurai, Bhavanisagar, Sathy (Tk), Erode District., 638 451.  
Email: sankarme7@gmail.com

Date:.....

## Programme Coordinator

The HoD Civil Engineering of Nandha Engineering College (Autonomous) shall appoint a "Programme Coordinator" from the Civil Engineering Department for the duration of the program, who shall liaise with B.T.R Construction and make the training process learner-friendly and effective. B.T.R Construction shall work in close relationship with the Programme Coordinator, who in-turn shall keep a close touch with the students. In the event of any difference of opinion between B.T.R Construction and the Programme Coordinator, the matter should be referred to the Principal of Nandha Engineering College (Autonomous), whose decision thereon shall be final and binding on both the parties.

## Program Completion:

The Intern and the participant who completed their program successfully will be awarded with "Certificate & Rewards"

## Adjunct Faculty:

Nandha Engineering College (Autonomous) appointed as an adjunct faculty for taking One Credit Courses and course content development etc

## Validity

Both Nandha Engineering College (Autonomous) and B.T.R Construction shall have the rights to terminate this MoU by providing **THREE** months notice in writing on their respective letter head. Termination of this MoU for whatever reason shall be without prejudice to the rights of either party and of the students and the ongoing academic programmes.

This Memorandum of Understanding will be valid for a period of 3 years.

This Memorandum of Understanding shall come into effect from 23<sup>rd</sup> September 2021.

For: *Nandha Engineering College (Autonomous)*

For: *B.T.R Construction*

*N. Rengarajan*

*R. Udhayasankar*

Name : *Dr.N.Rengarajan*  
Designation : *Principal*  
Date : *23.09.2021*

Name : *Er. R.Udhayasankar*  
Designation : *Designated Partner*  
Date : *23.09.2021*

Page 4 of 4

*Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,  
PRINCIPAL  
NANDHA ENGINEERING COLLEGE  
(Autonomous)  
ERODE - 638 052.*







தமிழ்நாடு தமில்நாடு TAMIL NADU

6.2.2023

21AC 520277

NEXGEN  
JAPAN

S. கருணாநிதி.  
முத்திரைத்தள்ளி கிற்பகையாளர்,  
பெருந்தாறு டவுன்,  
உரிமம் எண்: 16/2008/எசுஎன்.  
பெருந்தாறு, தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING

Between

**NEXGEN** NEXGEN, JAPAN  
ACCELERATING THE CHANGE


and



DEPARTMENT OF MANAGEMENT STUDIES,  
NANDHA ENGINEERING COLLEGE (Autonomous)  
Erode, Tamilnadu , India

## MEMORANDUM OF UNDERSTANDING

Between

 **NEXGEN, JAPAN**

And



DEPARTMENT OF MANAGEMENT STUDIES, NANDHA  
ENGINEERING COLLEGE (Autonomous), Erode

### 1. PARTIES TO THE MEMORANDUM OF UNDERSTANDING

The Parties to this Memorandum of Understanding are:

DEPARTMENT OF MANAGEMENT STUDIES, NANDHA ENGINEERING COLLEGE, Erode-638052, Tamil Nadu, India. Which Expression shall include its successors, legal heirs and assigns on the other part. The Department of Management studies was Started in year 2005. The Department owes to the emphasis on greater interface with the Industry, increased focus on research and Improvement in Infrastructure. The Main focus has been on integrated Learning, Research, Consulting and 100% placement record over the years and the department is fittingly equipped to inspire students to achieve new heights in Career and life.

NEXGEN is next generation IT services company established in November 6, 2014. focusing on solving the complex problems of business and common people using the cutting edge technologies and innovative brains. We harness the power of emerging technologies (Cloud, IoT, AI...etc) and highly trained human resources to help our clients adapt to the digital world and make them successful.

### 2. INTERPRETATION

Headings are for convenience only and do not affect interpretation. The following rules apply unless the context requires otherwise:

- (a) The singular includes the plural and conversely.
- (b) A gender includes all genders.
- (c) If a word or phrase is defined its other grammatical forms have a corresponding meaning.
- (d) A reference to a clause or a Schedule is a reference to a clause or a schedule to this Memorandum of Understanding ("MOU").



### 3. STATUS OF MOU

The Parties are signing this MOU to evidence their in-principle non-binding intentions, and the Parties acknowledge that no other legally binding obligations are intended to arise between them as a result of the signing of this MOU. Any action taken by any party in reliance on this MOU will be at the sole risk of that Party.

The Parties agree and acknowledge that nothing contained in this MOU constitutes either of them as agent, partner or trustee of the other of them, or gives them authority or power to act for, or create or assume any responsibility or obligation on behalf of the other of them.

### 4. BACKGROUND

DEPARTMENT OF MANAGEMENT STUDIES, NANDHA ENGINEERING COLLEGE is involved in researching and developing NEXGEN functional areas.

### 5. FIELD OF COLLABORATION

The Parties wish to cooperate in the research and development of functional areas ("Project"). This MOU records the key principles upon which such collaboration be conducted.

### 6. COLLABORATION

The Parties agree to discuss collaborating in good faith to establish a research plan ("Research Plan") comprising the scope, objectives, methods and techniques to be used, materials and resources required, timeline for completion, a budget and responsibilities of each Party for the successful undertaking of the Project.

### 7. TERM

The term of this MOU will commence on the date of execution and endure for a period of three (2) years ("Term"). The Term may be extended for a further period to be agreed by mutual agreement in writing of the Parties.

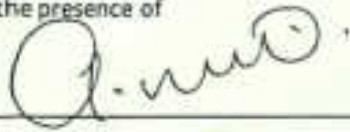
Either Party may terminate this MOU at any time during the Term by the provision of 3 months written notice of termination to the other Party.

### 8. AGREEMENTS

In accordance with this MOU a separate written research collaboration agreement may be negotiated to cover all relevant aspects of the Project including but not limited to funding, responsibilities and contributions of each Party in accordance with the Research Plan, intellectual property ownership and protection, commercialization and sharing of proceeds, confidentiality, risk allocation, warranties and indemnity obligations to be undertaken by each Party. The agreement may take the form of a master agreement with a project schedule appended for successive projects.

Signed for and on behalf of NEXGEN by

In the presence of

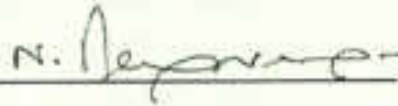


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**Mr. Mohan Govindasamy,**  
**CEO, NEXGEN, Japan.**

Signed for and on behalf of Nandha Engineering College by

In the presence of



---

**The Principal,**  
**Nandha Engineering College,**  
**Erode-52.**

Signature of Witness ( Convenor)



**Dr. V. Manimegalai,**  
**Professor and**  
**Head, MBA**  
**Nandha Engineering College, Erode,**  
**Tamilnadu, India**

Signature of Witness (Coordinator)



**Dr. K. Parthiban,**  
**Associate professor, Department R&D Coordinator,**  
**Department of Management Studies,**  
**Nandha Engineering College, Erode,**

Date: 7/02/2023





தமிழ்நாடு தமிழ்நாடு TAMIL NADU

27.10.2022

15AC 820544

Nandha Engineering College  
Erode - 52

S. கருணாநிதி,  
முத்திரைத்தாள் கிற்பனையாளர்,  
பெருந்துறை டவுன்,  
உரிமம் எண்: 16/2008/ எரோடு,  
பெருந்துறை, தமிழ்நாடு.



**MEMORANDUM OF UNDERSTANDING /AGREEMENT**

This memorandum of understanding (MOU) is made on this day 28.10.22 between **LIVEWIRE – ERODE (Partnered with Srisairamprabhu Infotech) - A DIVISION OF CADD CENTRE TRAINING SERVICES PVT LTD, 12B, 2<sup>nd</sup> Floor, Ramasamy street, Perundurai Road, Erode-638009, Tamilnadu.**

AND

**Department of ELECTRONICS AND COMMUNICATION ENGINEERING, NANDHA ENGINEERING COLLEGE, Erode – Perundurai Main Road, Vaikkaalmedu, Erode-638052, Tamil Nadu.**

**Purpose and objectives**

1. The MOU is signed between us to promote the employability skills of the students by providing training students to meet the industrial needs.
2. The purpose of this MOU is to provide training & certification on advanced technologies like IT and CORE relating to ECE Students.
3. The objective of this MOU is to bridge an industry institutional interaction.



4. This MOU would facilitate to organize the workshops, seminars and provide Value added software / hardware training to all the students.
5. To impart the Basic and Advanced industry skills and guide the students to develop and implement simple projects
6. To Share the resources such as Hardware, Software and Human Resources based on college requirements

### **About NANDHA ENGINEERING COLLEGE**

Established in 2001, Nandha Engineering College, which started with 3 branches, is in its 21st year of service to the student community. It remains the flagship brand of Nandha Educational Institutions and is recognized as one of the best engineering colleges in the state of Tamil Nadu.

Nandha Engineering College, under the guidance of the illustrious Chairman Thiru. V. Shanmugan and Secretaries Thiru. S. Nandhakumar Pradeep and Thiru S. Thirumoorthy with foresight and far-reaching vision, is at the forefront of innovation in technical and management education.

The college, as of now, is functioning with 3000 students belonging to 9 Engineering and Technology departments, Computer Applications, Management Studies, Basic Science and Humanities Department. Nandha Engineering College excels as one of the Top Engineering Colleges in Erode.

#### **Vision**

To be an Institute of excellence providing quality Engineering, Technology and Management education to meet the ever changing needs of the society.

#### **Mission**

- To provide quality education to produce ethical and competent professionals with social responsibility
- To excel in the thrust areas of Engineering, Technology and Entrepreneurship by solving real- world problems.
- To create a learner centric environment and improve continually to meet the changing global needs.



## **Quality Policy**

We at Nandha Engineering College, are committed as a team to constantly and consistently work for the student's continual improvement in terms of quality in education, ethics, personality and career development to meet the global challenges.

## **About Department**

Department of Electronics and Communication Engineering (ECE) was established in the year 2001 with the vision of developing the department as a Centre of Excellence in Research and Development. The main focus is to make the students blossom into meritorious and self-disciplined engineers by smart work.

Every facet of life today is associated with electronics in one way or other. Either it is computer (Hardware) or Communication (Multimedia) or a control, Electronics serves as the link. The exciting world of electronics needs very good mathematical background and also an analytical mind. The opportunities in electronic field are countless such as Application developers, system engineers, integrators and information technology. Mobile telephony has shrunk the world. Hazardous situations can be handled safely with electronics with robots for disposing bombs, handling the wastes and precision operations. Subjects on Digital Systems, Digital Signal Processing, Fuzzy logic and Neural Networks, VHDL and VLSI, Digital Communication, Embedded System, Microprocessors, Micro Controllers and Microwaves are studied as part of the course.

## **About LIVEWIRE™ - A DIVISION OF CADD CENTRE TRAINING SERVICES PVT LTD**

LIVEWIRE – A Division of CADD Centre Training Services Pvt Ltd, is an approved Skill Development Partner of National Skill Development Corporation (NSDC) and SKILL INDIA.

LIVEWIRE promotes a unique combination of technologies that are specific to IT, Computer science, Electronics & Electrical departments. We deal with emerging technologies like Data science, Machine Learning, IoT, Artificial Intelligence, Blockchain, Full Stack Developer, Cyber security, Automotive Embedded system and many more. And we deal with Microcontroller, Embedded, MATLAB, OrCAD and many more.

LIVEWIRE is present in more than 100 locations in India and over 7 countries.

### **Benefits to the students**

1. International certified faculty with experienced trainers will be handling the training.
2. We offer courses in association with world's leading technology companies such as CompTIA, Oracle, Axelos and Siemens.
3. LIVEWIRE'S certificate will be providing to the students after successful completion of the training.
4. Project guidance would be provided for final year candidates.
5. Being industry ready along with the completion of engineering at college.
6. Having an edge over other students by acquiring additional skills.
7. Increasing the career options and placement opportunities.
8. Better starting salary and growth options in career.
9. Saving time by utilizing the training available within the campus.
10. Saving money by utilizing the courses offered at special discount to Nandha Engineering College.

### **Benefits to the College**

1. The college will be granted to get the advanced programming language software, being taken a long term initiative and effort to develop the knowledge and skills of the advanced programming language for the faculties and students.
2. The company shall offer value added courses at a special price which will benefit the students of Nandha Engineering College.
3. Batches are conducted at the college lab at mutually agreed convenient days and time.
4. Seminars/workshops/Guest lecture from LIVEWIRE's experts and industry people would be arranged at regular intervals.

### **Terms and Conditions**

1. The training & certifications for the students will be delivered by LIVEWIRE by providing specialized and certified instructors.
2. The training is conducted at the college premises.
3. The college is to provide suitable classroom with projectors and adequate number of computers in the lab to accommodate the students.
4. The training requirement, the corresponding fees and the duration will be discussed and mutually agreed at the beginning of the year.
5. The College will undertake the responsibility of collecting the course fees and remit to LIVEWIRE as per the agreed terms.



**MOU Effective Date**

This MOU shall be in force for a period of **3 years** from the date of signing and will be renewed/ refreshed on mutually agreed terms and conditions.

This Memorandum of Understanding is made on **28.10.2022**

Designated Representatives

For **NANDHA ENGINEERING  
COLLGE, ERODE**

**Dr.N. RENGARAJAN  
PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.



For **LIVEWIRE-ERODE  
A DIVISION OF CADD CENTRE**

**Mr. P. RAMAKRISHNAN**

**LIVEWIRE**  
No.12B, Second Floor,  
Ramaswamy Street, Parundurai Road,  
Opp. Federal Bank, NGO Colony,  
Erode - 638 009.  
Cell: 96882 31532.

**WITNESS:**

1. Signature :

Name : **Dr. S. KAVITHA**

Designation : **Professor & Dean / ECR**

Date : **28.10.22**

2. Signature :

Name : **R. PRABHAKARAN**

Designation : **CENTRE MANAGER**

Date : **28-10-22**



தமிழ்நாடு தமில்நாடு TAMIL NADU 24.11.2022 15AC 791081  
 Nandha Engineering College  
 Erode - S. கருணாநிதி.  
 முத்திரைத்தாள் கிற்ப்பணையாளர்.  
 பெருந்துறை டவுன்.  
 உரிமம் எண்: 16/2008/ #Gராடு.  
 பெருந்துறை, தமிழ்நாடு.



**Memorandum of Understanding**  
 Between

**Universal Power Supplies, Bangalore**  
 and  
**Nandha Engineering College (Autonomous), Erode - 638 052**  
**Department of Agricultural Engineering**

This Memorandum of Understanding (herein after referred to as MoU) is entered into on this 24-11-2022 between Department of Agricultural Engineering, Nandha Engineering College (Autonomous), Erode herein referred to as NEC, and Universal Power Supplies, Bangalore (herein referred to as UPS). The scope of the MoU, the roles and responsibilities of the parties of the MoU are given below:

- Promoting interaction between UPS and NEC in mutually beneficial areas of upcoming technologies in the principal technical and research areas of Smart farming, Land observation, Soil Test in IoT programming, and other related areas.
- Sharing knowledge and capability in the concern areas for mutual benefits and become trusted partners in the area of knowledge enrichment.



- Facilitate work from NEC students/ faculties and Vice versa on projects identified for collaborative business.
- To conceptualize the research projects to be executed in collaboration on need basis.
- To collaborate, share information and technology to develop the required skills in the Irrigation and other related areas.
- To support the institute in following activities
  - ✓ Curriculum development and Joint Research
  - ✓ Laboratory Development
  - ✓ Skill development of the students
  - ✓ Sponsored projects, consultancy, funding proposals
  - ✓ Industry projects, Industrial visit, Internship and Recruitment
  - ✓ Publication, Product and Patent
  - ✓ Workshops, Conclave, Seminars, Events

The Memorandum signed will be the guiding document for both the parties for execution of the actions and initiatives in the near future. Both the organizations will encourage its members to define the overall strategy and roadmap to carry out the action points contained in it.

This Memorandum of Understanding is to be valid for a period of five years from the date which it is first signed. In the event of either party wishing to change or terminate the agreement, notice in writing must be given at least three months in advance of the proposed date change of termination.

Contacts persons for this MoU are Dr. N. RENGARAJAN, with following team of faculty members from Department of Agricultural Engineering

- Dr. E. K. Mohanraj, Professor & Dean
- Mr. K. Pradeep Kumar, Associate Professor & HoD
- Mr. RM. Subramanian, Associate Professor
- Dr. K. K. Suvain, Assistant Professor

And Mr. M. Gowthemkumar for Universal Power Supplies.

For the purpose of this document the legal representatives of the aforesaid College and Industry are Dr. N. RENGARAJAN for NEC and Mr. M. Gowthemkumar for Universal Power Supplies.

Signed

  
 Dr. N. RENGARAJAN,  
 Principal,  
 Nandha Engineering College (Autonomous),  
 Erode - 638 052,

Date : 24-11-2022

**Dr. N. Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,**  
**PRINCIPAL**  
**NANDHA ENGINEERING COLLEGE**  
**(Autonomous)**  
**ERODE - 638 052.**



Signed

  
 Mr. M. Gowthemkumar,  
 Managing Director,  
 CEO, UNIVERSAL POWER SUPPLIES  
 Universal Power Supplies  
 White lake, Bangalore-53,

Date : 24-11-2022







தமிழ்நாடு தமில்நாடு TAMIL NADU  
 3/11/2022 Sun Software Solution  
 Coimbatore

15AC 822792  
 இ.கொ.மாரசாமி  
 மு.விற்பனையாளர்  
 சென்னைமலை தமிழ்நாடு  
 8 சிபிஎம் நகர்(4)19/11/97



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU)  
 Entered into between

**Sun Software Solutions** located No.33/1, 1<sup>st</sup> floor, G.S Complex, Avinashi Road, Hope College, Coimbatore-04 and established in 27.08.2005 by Dr V.KANNAN MCA, MBA, BEMS behalf of itself and acting through the CEO & Director.

AND

**NANDHA ENGINEERING COLLEGE (Autonomous), Erode** located at Erode - perundurai main road, Vaikantmedu, Erode - 638, 052, acting through the Principal Dr. N. RENGARAJAN, M.E., Ph.D stand to disseminate and advance knowledge by providing instructional, research and extension facilities in branches of education as it may deem fit and proper.



In this background, both the parties recognize the institutional capacity of building a mutually beneficial relationship and have entered into this MOU as per the terms and conditions set hereinafter to promote and develop the study related activities for **Department of Computer Science and Engineering Degree Course**.

**1. Nature of Collaboration:** It shall be endeavor of the parties to provide the students and teachers the necessary atmosphere and facilities for:

- i. **NANDHA ENGINEERING COLLEGE (Autonomous), Erode** students internship at **SUN SOFTWARE SOLUTIONS**
- ii. To provide a formal basis for initiating interaction between **NANDHA ENGINEERING COLLEGE (Autonomous), Erode** and **SUN SOFTWARE SOLUTIONS**
- iii. Educational innovative methods of teaching – learning process
- iv. Research related activities
- v. Providing vocational opportunity

**2. Nature and Tenure of MOU**

- a. The details for the efficacious implementation of this Memorandum of Understanding shall be jointly worked out on mutually acceptable terms within the parameters of the policies, rules and regulations, of both the institutions.
- b. This MOU shall be existence for a period of five academic years from the date mentioned below, and may be extended for the periods by the mutual consent.
- c. The MOU may be terminated by either side by giving a three months notice to that effect in writing without assigning any reasons.
- d. Notwithstanding the notice of the intent to terminate the memorandum, all rights, obligations and corresponding duties and subsisting therein shall be respected and mandated till the finalization and accomplishment thereof.

**3. Confidentiality**

The parties of this MOU undertake to treat as **CONFIDENTIAL AND PRIVILEGED** information of the other institution, which is so classified in advance. The terms of confidentiality and mode of disclosure shall be as per mutually acceptable terms.

Signed at **NANDHA ENGINEERING COLLEGE (Autonomous)** on **08.11.2022**

Authorized signatory on behalf of Mr. V.Kannan, Founder and CEO Sun Software Solutions, Coimbatore.

**For SUN SOFTWARE SOLUTIONS**

Seal :



Date: 08-11-2022

**Director**

Authorized Signatory on behalf of NANDHA ENGINEERING COLLEGE (Autonomous), Erode

Seal



  
**Dr.N.Rengarajan, B.Sc., B.Tech., M.E., Ph.D.,**  
**PRINCIPAL**  
**NANDHA ENGINEERING COLLEGE**  
**(Autonomous)**  
**ERODE - 638 052.**

Date: 08-11-2022

Witnesses :



2.



**Dr.D.VANATHI**  
**Prof & Head**  
**Department of CSE**  
**Nandha Engineering College.**





தமிழ்நாடு தமில்நாடு TAMIL NADU

15AC 829872

07/11/2022  
Nandha Engineering College  
Erode.

S. கருணாநிதி.  
கத்திரத்தாள் கிற்பகையாளர்,  
பெருந்தூறை டிபன்,  
உரிமம் எண்: 16/2008/எரோடு.  
பெருந்தூறை, தமிழ்நாடு.

MEMORANDUM OF UNDERSTANDING ( MoU )

BETWEEN

LEARNERS CHOICE

AND

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

NANDHA ENGINEERING COLLEGE

This MEMORANDUM OF UNDERSTANDING is entered between Learners Choice hereinafter called 'The Industry' and represented by Mr. SreeTakshin, Co-Founder, Chief Executive Officer.

AND

Department of Electronics and Communication Engineering, Nandha Engineering College, Erode, Tamilnadu, India and represented herein by Name, Designation, (hereinafter referred to as "INSTITUTION")



Learners Choice and the Department of Electronics and Communication Engineering, Nandha Engineering College have entered into this agreement to their mutual intentions to jointly work together for improving the interaction between the Industry and academia and the details are reduced into this MoU for future reference.

#### **About Learners Choice**

Learners Choice is a digital design and manufacturing company formulated on Mar 2020, offering a wide range of services and products to various institutions and organizations. Learners Choice is a part of Arugan Private Limited Company incorporated from November 15,2022. Learners Choice mainly focuses on services and training in Additive manufacturing technologies, Research & Development and Product development.Learners Choice works on various domains namely; Electronics, Web development, Additive manufacturing, 3D modeling, 3D Designing and Healthcare sector.

#### **About Department of Electronics & Communication Engineering**

The Department of Electronics & Communication Engineering was established in the year 2001 with an intake of 60 and gradually it rose to the present strength of 180 with 36 faculty members. The department also has PG programmes of Applied Electronics and VLSI design.Our department is a full fledged department with the required laboratories like VLSI, Microprocessor, Circuits and devices lab, Optical and Microwave, Digital, Simulation ESD and Research laboratory for PG programme.

#### **About Nandha Engineering College**

NANDHA ENGINEERING COLLEGE was established in 2001, presently, the Institution remains as a flagship brand of Nandha Educational Institutions with 8 UG & 7 PG programmes. It is recognized as one of the Best Engineering Colleges with State of the - art infrastructure and high quality technical education with the foresight and far reaching vision of our Illustrious Chairman Shri.V.Shanmugan. The college is in the forefront of Innovation in technical and management education.

The college is functioning with 2928 students and over 224 employees. The departments CSE,IT, EEE,MECH and ECE got accreditation by NBA,New Delhi also the college was accredited by NAAC. The college has membership with Professional societies like ISTE, CSI, IEEE and IE to bring more professionalism with the course of their studies.



## **PREAMBLE**

The Industry and the Institution, which has learned employees with good Industrial experience and promising students, jointly agree to exchange their expertise for mutual benefit and growth, on the areas specified here under:

1. Industrial Visit
2. Industry based Curriculum Training
3. In-plant training
4. Internship
5. Guest lectures
6. Workshops
7. Certification Courses
8. Placements
9. Value Added Courses
10. Research & Development
11. Laboratory

Each of the above programs will be initiated by signing this agreement between the two parties.

### **1. Industrial Visit**

Subject to Operational feasibility, Industry will allow students for Industrial Visits to have an Industrial Exposure on the working equipment and process.

### **2. Industry based Curriculum Training**

The Institution will facilitate and arrange Industry oriented training sessions on mutual consent to students periodically to get them trained on industrial needs.

### **3. In-plant training**

Industry will facilitate students to undertake in-plant training and allow them to develop their skills in emerging technologies, core areas and special skill developments.

#### **4. Internships**

The Industry will facilitate students and provide internships on emerging technologies and core areas to develop their skills and involve in industry live projects to build their confidence and workstyle culture, to get prepared for smooth transition from academic to a professional working environment.

#### **5. Guest Lectures**

The Institution will facilitate and arrange guest lecturers on mutual consent to students periodically to get them motivated to become successful engineers.

#### **6. Workshops**

The Institution and Industry collaboratively facilitate and encourage students to experience their learning through hands-on experience workshops where they implement their theoretical knowledge and execute the practical testing.

#### **7. Certification Courses**

The Industry offers technical and non technical courses to students to enhance their skills and develop their industry approach.

#### **8. Placements**

As and when deemed necessary, the Industry will recruit students based on the requirements and the maximum remuneration to the candidates shall be Rs.8 lakhs per annum.

#### **9. Value Added Courses**

Subject to Institutional need, Industry can offer value added courses and train students in the core domain of the respective needs of students/department, which will be beneficial to students to learn industry working procedures and adapt to corporate lifestyle.

#### **10. Research & Development**

As a collaborative, Industry and Institution can share their ideas, man power, lab facilities, resources, space and other requirements with mutual consent.



### **11. Laboratory**

Institution provides laboratory space to industry and students for research and development, simulation process, testing and creating.

### **Monitoring**

A Steering committee will subsequently be formed to decide policy direction for working together. The Steering committee shall meet twice at least once in a year to review the progress in the terms contained in this MoU. Two of the members of the steering committee, one each from the Institute and Industry will function as secretaries for the purpose of communication and coordination. Secretaries name and designation is enclosed below.

### **Confidentiality**

During the period, each party agrees to consider as confidential all information disclosed by the other party in written or tangible form or, if orally disclosed, confirmed in writing within thirty days of disclosure and identified as confidential by the disclosing party

### **Validity and termination**

This MoU takes effect from 08.11.2022 and is valid for the period of 3 years from date of signing. either party may terminate the MoU by giving to the other party 60 days notice in writing. In addition, either party may terminate this agreement forthwith if the other party has committed a material breach and failed to remedy the same despite 14 days written notice, but without prejudice to antecedent branches.

Read, Understood and Consented

IN WITNESS WHEREOF, THE PARTIES HAVE EXECUTED THIS MEMORANDUM OF UNDERSTANDING ON 08.11.2022 AT NANDHA ENGINEERING COLLEGE.

Designated Representatives



For NANDHA ENGINEERING  
COLLGE, ERODE

Dr.N. RENGARAJAN  
**PRINCIPAL**  
Nandha Engineering College  
(Autonomous)  
Erode - 638 052.

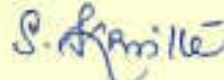


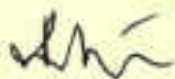
For LEARNER CHOICE  
N.SREE TAKSHIN

CEO & CO FOUNDER



WITNESS:

1. Signature :   
Name : DR. S. KAVITHA  
Designation : Professor & Dean  
Date : 08.11.2022

2. Signature :   
Name : P. LOCAMURTHY  
Designation : AP/ECE  
Date : 8.11.2022.