



CRITERION 3	3.7 Collaboration
Research, Innovations and Extension	
<i>3.7.2. MoUs with institutions of national, international importance, other universities, industries, corporate houses</i>	

Activities Conducted under MoU 2019-2020



Academic Year 2019-2020 Consolidated MoU Details

Sl.	Organisation with which MoU is signed	Name of the institution/ industry/ corporatehouse	Month and Year of signing MoU	Duration	List of activities under each MOU
1	National Highway Authority of India, Madurai	Sethu Institute of Technology	08.08.2020	2020-2025	Internship, Workshop
2	B.T.R Construction, Erode	Sethu Institute of Technology	04.05.2020	2020-2024	Internship, Workshop
3	Hitech Cadd Cam centre, Madurai	Sethu Institute of Technology	19.03.2020	2020-2024	Internship, Placement, training
4	Ford India Pvt Ltd, Chennai	Sethu Institute of Technology	03.02.2020	LIFE TIME	Training of Demo Car
5	Winways Infomatics Private Limited, Madurai	Sethu Institute of Technology	15.10 2019	2019-2021	Guest lecture , Industrial Visit, Consultancy
6	Amist University , Malaysia	Sethu Institute of Technology	30.08.2019	2019-2024	Guest lecture , R&D, Student exchange
7	Singam Coir Clusters (P) Ltd, Sivagangai	Sethu Institute of Technology	04.12.2019	2019-2024	Industrial Visit, Consultancy
8	Azath Hospital, Udumalaipettai	Sethu Institute of Technology	10.01. 2020	2020-2021	Internship, Workshop, Consultancy
9	G.K.Clinic, Madurai	Sethu Institute of Technology	28.12. 2019	2020-2021	Internship, Workshop, Consultancy
10.	Bionic Biomedical Systems	Sethu Institute of Technology	28.12. 2019	2020-2021	Internship, Workshop, Consultancy



Academic Year 2019-2020 Consolidated MoU Details

Sl. No	Organization with which MoU is signed	Name of the institution/ industry/ corporate house	Month and Year of signing MoU	Duration	List of activities under each MOU
11	Kumaran Scans, Ramnad	Sethu Institute of Technology	28.12. 2019	2020-2022	Internship, Workshop, consultancy
12	Jothi Electrical Industries, Madurai.	Sethu Institute of Technology	30.08.2019	2019-2022	Guest Lecture, BOS Nominee. Industrial Visit, Inplant Training, Placement
13	Megh Neel Renewable Power Systems Private Limited, Coimbatore.	Sethu Institute of Technology	13.09.2019	2019-2022	Guest Lecture , Industrial Visit, Inplant Training
14	Multimedia University, Malaysia	Sethu Institute of Technology	30.10.2019	2019- 2024	Guest lecture, R&D , Students exchange




Dr. A. Senthil Kumar
PRINCIPAL
SETHU INSTITUTE OF TECHNOLOGY
Pulloor, Kariapatti - 626 115
Virudhunagar District



MEMORANDUM OF UNDERSTANDING

Between

National Highways Authority of India (NHAI)

AND

Sethu Institute of Technology, Virudhunagar, Tamil Nadu

Collaboration with institution for institutional Social

Responsibility & Adopting of National Highways

Stretches under Regional Office, Madurai.

8th August 2020



MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter referred to as "MoU") entered into on this 8th day of August 2020 by and between:

National Highways Authority of India (NHAI) which expression shall, unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns), of the First party;

AND

The **Sethu Institute of Technology**, (which the expression shall unless repugnant to the context or meaning thereof be deemed to mean and include its successors and permitted assigns) of the Second Party.

WHEREAS,

Both **Sethu Institute of Technology** and NHAI are desirous of working together with mutual cooperation for dissemination of respective expertise in civil/highway engineering field through the road infrastructure development.

NOW, THEREFORE, IT IS HEREBY AGREED BY THE PARTIES AS FOLLOWS:

1. INTENT:

National Highways Authority of India (NHAI) intends to associate the **Sethu Institute of Technology** who shall voluntarily contribute its share of experience for betterment of the highway infrastructure.

2. SCOPE OF THE MoU

The primary scope of MOU inter alia includes the following:

- (i) NHAI shall facilitate the faculty, researchers and students of the Institute to familiarize with the latest trends in the highway/transportation sector with a common objective of sharing the knowledge in their respective domain. This will, in one hand, facilitate to bridge the industry-institution gap and familiarize students with the latest trends in industry and on the other hand the research output could be suitably adopted in practice by NHAI.
- (ii) The Institute shall adopt nearby stretches of NHs as specified in the **Appendix-1** as a voluntary initiative under ambit of Institutional Social Responsibility (ISR). The list of stretches may be modified by deletion/addition by mutual consent of NHAI and the Technical Institute.
- (iii) The adopted stretch may be used as a field of study for faculty, researchers and students.
- (iv) NHAI shall offer internship to 20 number of undergraduate/postgraduate students of the Institute periodically and also extend stipend

PRINCIPAL
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
VIRUDHUNAGAR (DI).

DGM (T) & PD
National Highways Authority of India
Tuticorin



- (iii) Localized solutions for removal of congestion points thereby increasing the average speed of traffic flow;
- (iv) Improvements in the riding comfort through cost effective measures based on innovative technologies on practices applicable in the area;
- (v) Viability of new way side amenities for road user based on the existing traffic pattern and user expectations;;
- (vi) Potential solutions to old recurring problems based on local experience etc.

c. The Institute may also associate with the Consultants/NHAI during conceptualization, design and project preparation of new projects and suggest the relevant parameters and innovations based on experience specific to the site climate, topography and resource potential for better socio economic outcome

d. The Technical Institute will nominate a coordinator as a point of contact for all correspondence in carrying out the defined objective as well as inform, from time to time.

4. EFFECTIVE DATE AND PERIOD OF MOU

This MoU shall come into effect for all its intents and purposes from the immediate effect and shall remain valid for a period of 5 years from the date of signing unless terminated earlier by mutual consent by either party by giving 60 days' notice in writing to the other party.

For Sethu Institute of Technology

(Authorised Signatory)

PRINCIPAL
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
VIRUDHUNAGAR (Dt).

Witness:

For NHAI

(Authorised Signatory)

DGM (T) & PD
National Highways Authority of India
Tuticorin

Witness

INTERNSHIP PROGRAM FOR STUDENTS IN NHAI



भारतीय राष्ट्रीय राजमार्ग प्राधिकरण
(सड़क परिवहन और राजमार्ग मंत्रालय)

National Highways Authority of India

(Ministry of Road Transport and Highways)

Office of the Project Director, P.I.U.,

New No.6 (Old No.44), First Floor,

III - Main Road, Ponnagar, Tiruchirappalli - 620 001

Phone : 0431 - 2482959

Fax : 0431 - 2481671

E-mail : trichynhai@gmail.com

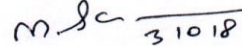
tri@nhai.org

Website: http://www.nhai.org

TO WHOMSOEVER IT MAY CONCERN

Dated: 03.10.2018

1. This is to certify that **Mr.K.AHAMED BHADHUSHA** (Roll No: 15CE061) a student of **SETHU INSTITUTE OF TECHNOLOGY** has completed his internship with NHAI, Government of India from 13th July to 20th September 2018. During the period of Internship he visited the work sites and learned about **BLACKSPOT ELIMINATION AND FORMATION OF SERVICE ROAD** on the following areas.
 - I. Ulundurpet to Padalur section of NH-45 at various location such as Siruvachur Km 274+700, Pali Km 206+100, Sharadha Ashramam Km 203+100, Asanur Km 212+983 and Ulundurpet Km 200+000 under long term measures.
 - II. Visited site under construction of service road at Km 308+131 to Km 309+721 of Samayapuram Village at Padalur to Trichy section of NH-45 from 285+000 to km 325+000.
 - III. Trichy to Madurai section of NH-45B at various locations such as Dheeran Nagar Km 11+200, Soorakudi Km 13+500, Alundur Km 14+900, Vaiyampatti Km 42+750, Valanadu Km 45+300, Puthanatham Km 47+600, Chinnasoorakundu Km 105+000 and Munikovil Junction Km 105+250 under short term measures.
2. He has shown special interest for **BLACKSPOTS ELIMINATION IN NATIONAL HIGHWAY** and his performance during the internship has been rated as **satisfactory**. The final report submitted by him has been rated as 8.5 out of 10.
3. During the period of his Internship programme he was punctual and hard working.
4. I wish him every success in his life and career.


3 10 18

(M.Sankarasubramanian)
DGM (T) & Project Director
PIU-Trichy

NATIONAL HIGHWAYS

From

Thiru.T.Dhanasekar,B.E., (Hon's)M.E.,
Divisional Engineer,
National Highways,
Nagercoil

To

The Principal
Sethu Institute of technology,
Kariapatti Taluk
Viruthunagar District.

Lr.No. Training /2018/S /dated: 20 .08.2018

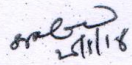
Sir,

Sub: Inplants training certificate – reg.

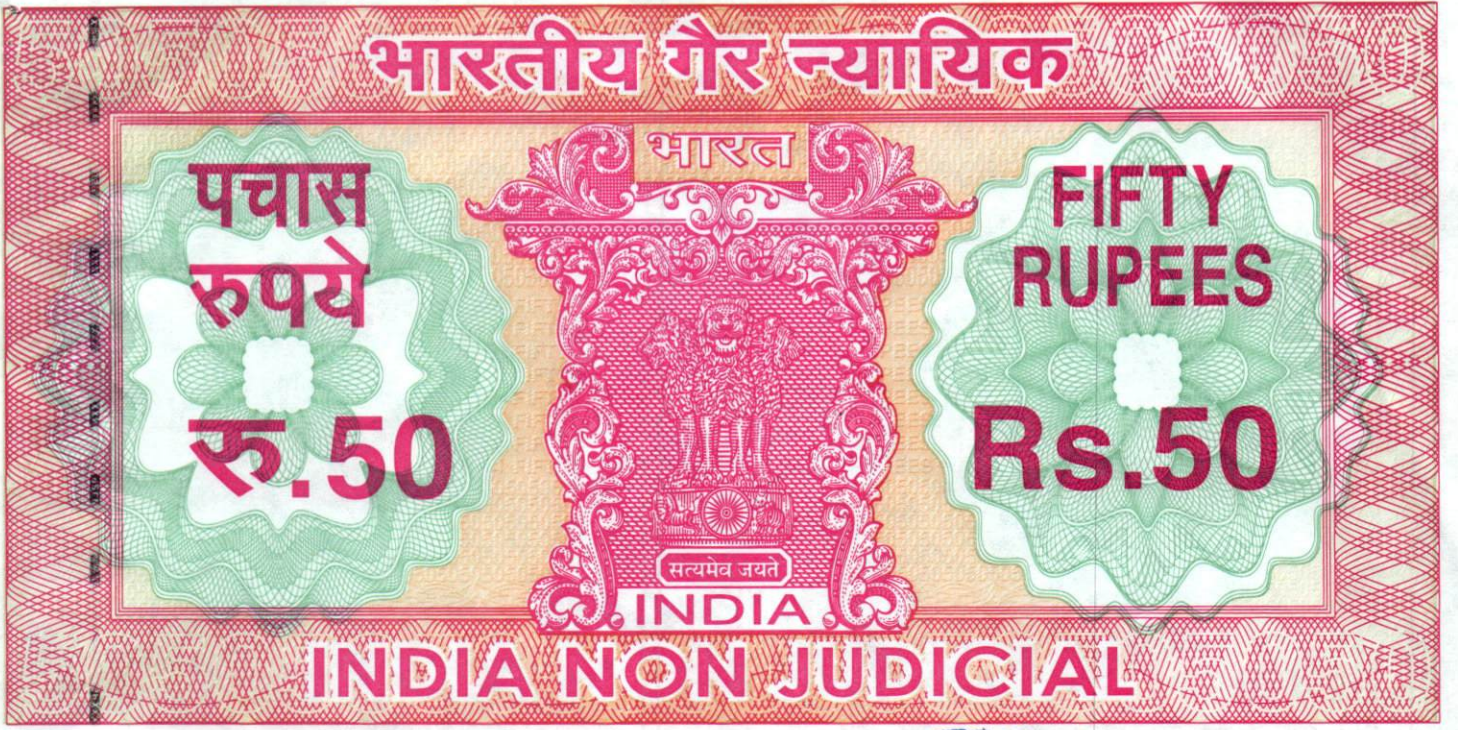
Ref: File No. III-Civil/IPT/2018-19/dated: 06.08.2018

The following students studying in 3rd year B.E., (Civil Engineering) Sethu Institute of technology, have undergone the Inplant Training in the work of Construction of Fly over at Parvathipuram km 630/116-631/650 NH 47 from 08.08.2018 to 16.08.2018 completed it successfully .

1. L. Deepika
2. A.J. Aruna


Divisional Engineer
National Highways
Nagercoil


20/8/18



தமிழ்நாடு தமில்நாடு TAMILNADU

350/

AA 314711

B.T.R. CONSTRUCTION
ERODE

26-7-2021

மாவட்டம்
உரிமம் எண். 14589/B1/A1/83
முத்திரைதள்ள விற்பனையாளர்
காரியாலயம் - 626 106
கேரளம்

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered on the 4th day of May 2020.

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

Sethu Institute of Technology, having its CAMPUS at (Pulloor, Kariapatti - 626 115, Virudhunagar District) and represented by its **FOUNDER & CHAIRMAN, Mr.S. MOHAMED JALEEL**, (which expression shall mean and include its successors in office and assigns)

R. uelsh

[Signature]

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

ADJUNCT FACULTY:

Sethu Institute of Technology appointed as an adjunct faculty for taking One credit courses and course content development etc

VALIDITY

Both *Sethu Institute of Technology* 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 only after a minimum period of 3 years. 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 **4** years.

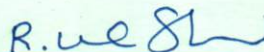
This Memorandum of Understanding shall come into effect from 4th May 2020.

For: *Sethu Institute of Technology*



Name: **Mr. S. MOHAMED JALEEL**
Designation: **FOUNDER & CHAIRMAN**
Date:

For: **B.T.R CONSTRUCTION**



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

MOU WITH BTR CONSTRUCTION ERODE



VALUE ADDED COURSES IN ASSOCIATION WITH BTR CONSTRUCTION ERODE

		 SETHU INSTITUTE OF TECHNOLOGY
		DEPARTMENT OF CIVIL ENGINEERING ORGANIZES VALUE ADDED COURSES ON "ANALYSIS AND DESIGN OF FRAMED STRUCTURE" 23-11-2020 to 28-11-2020 via Google meet In association with BTR CONSTRUCTION ERODE
RESOURCE PERSON ER.R.UDHYASANKAR.M.E SOFTWARE EXPERT BTR CONSTRUCTION ERODE CONVENOR Dr.B.Jeyaprabha Professor & Head CO CONVENOR Mr.R.Logaraja Assistant Professor Dr.A.SenthilKumar Principal	PATRONS Mr.S.Mohamed Jaleel Founder & Chairman, SIT Mr.S.M.Seeni Mohaideen Chief Executive Officer Mr.S.M.Seeni Mohammed Aliar Maraikkayar Joint Chief Executive Officer Ms.S.M.Nilofer Fathima Director-Administration Ms.S.M.Nazia Fathima Director R&D	

VALUE ADDED COURSES PROOF IN ASSOCIATION WITH BTR CONSTRUCTION ERODE

 SETHU INSTITUTE OF TECHNOLOGY An Autonomous Institution , Accredited with 'A' grade by NAAC Pullur, Kariapatti, Virudhunagar District -626115.		
Mr.M.Jeyamani <i>is awarded this Certificate has successfully completed 30 hours value added course in , " " Analysis and Design of Framed Structure" from 23.11.2020 to 28.11.2020 organized by Department of Civil Engineering, Sethu Institute of Technology, Kariapatti in association with BTR Construction, Erode.</i>		
 DR.B.JEYAPRABHA CONVENOR	 Mr.R.Logaraja CO CONVENOR	 Er.R.Udhyasankar,M.E TRAINER



SETHU INSTITUTE OF TECHNOLOGY

An Autonomous Institution , Accredited with 'A' grade by NAAC
Pullur, Kariapatti, Virudhunagar District -626115.

Mr.HaroonShakeel

*is awarded this Certificate has successfully completed 30 hours value added
course in , “ Analysis and Design of Framed Structure” from 23.11.2020 to 28.11.2020
organized by Department of Civil Engineering, Sethu Institute of Technology, Kariapatti in
association with BTR Construction, Erode.*

B.Jeyaprabha

DR.B.JEYAPRABHA

CONVENOR

Mr.R.Logaraja

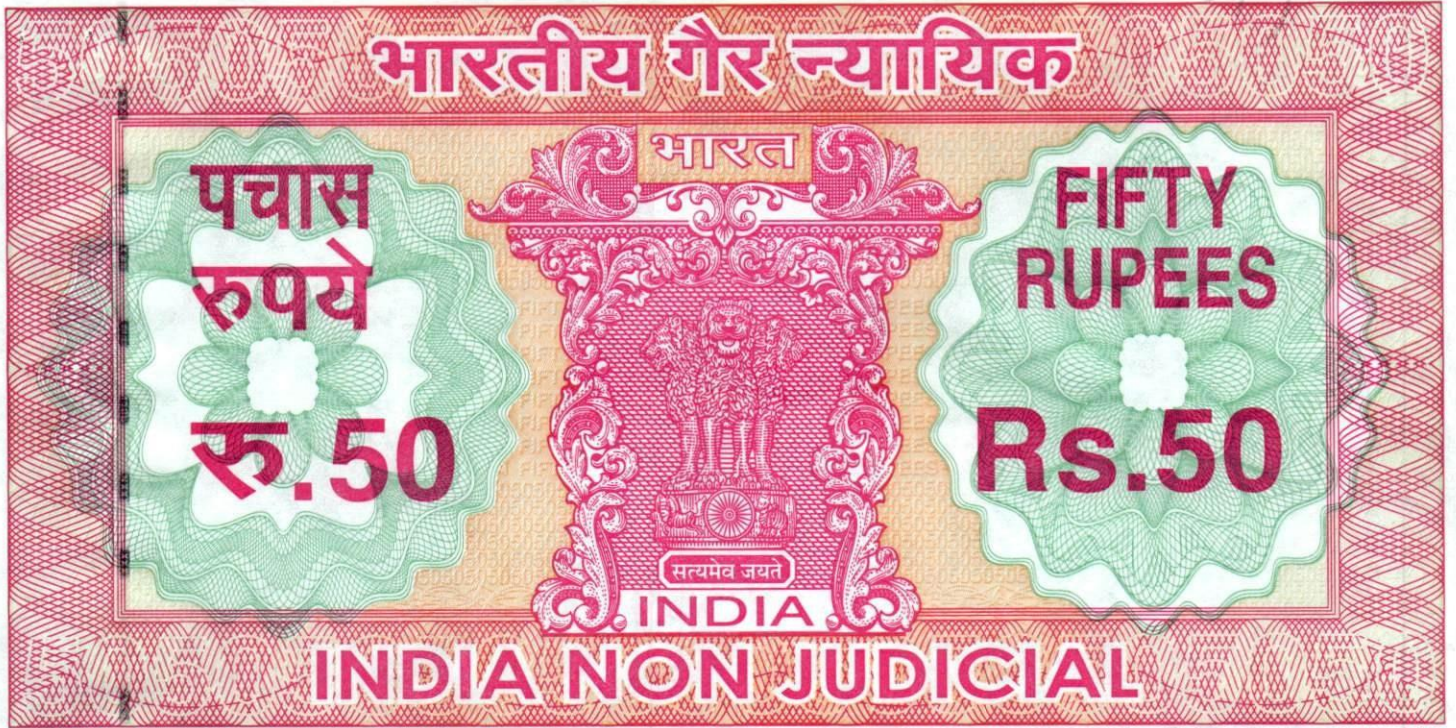
Mr.R.Logaraja

CO CONVENOR

Er.R.Udhyasankar

Er.R.Udhyasankar,M.E

TRAINER



தமிழ்நாடு தமில்நாடு TAMILNADU

19.4.2020

19.4.2020

TSU AA 296288
R. Senthil

க. சீதாராமன்
தமிழ்நாடு அரசுப் பதிவுகளை
உரிமம் எண்: 38831/201-08-6
காரியாலக - 626 106, திருநெல்வேலி
தா.நா. : 2-12-2008

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) entered on the 19th of March 2020

By and Between

HI-TECH CAD CAM CENTRE having its office at No 17, Star Plaza, TPK Road, Opp., to Vijay Hotel, Periyar Bus Stand Near, Madurai – 625001 (hereinafter referred as "**HI-TECH CAD CAM CENTRE**" for the sake of brevity) and represented by its Director, **Er. V.P.Thirupathi Raja** (which expression shall mean and include its successors in office and assigns)

And

Sethu Institute of Technology, having its CAMPUS at (Pulloor, Kariapatti, Viruthunagar- 626115) and represented by its **CHAIRMAN, Mr. S. MOHAMED JALEEL**, (which expression shall mean and include its successors in office and assigns)

[Signature]

[Signature]

dispute, strike, lockout or interruption or failure of electricity or telephone service, failure and non – availability of Computer Systems, non – availability of Classrooms), law and order problems, students unrest/strike/boycott, unscheduled changes in college curriculum and other unforeseen circumstances.

- Courses for individual software will be completed as mentioned in ANNEXURE .

While it is mandatory for the student to have undergone the complete course as mentioned in ANNEXURE to be eligible for a Course Completion Certificate. In case he/she opts out due to any reason an appropriate certificate will be issued for only for that course completed by the student. Students will not be eligible for Certification for the courses that they have not completed.

Neither **HI-TECH CAD CAM CENTRE**, Madurai will issue "Certificate of Completion" to the successful student, if full payment is not made. Neither **HI-TECH CAD CAM CENTRE**, Madurai will refund the fees once paid if the student opts out or discontinues the course at any stage due to any reason.

EXCLUSIVITY

Sethu Institute of Technology will ensure that during the period of the MOU, Department of civil engineering-**Sethu Institute of Technology** will not allow or permit any of the direct and indirect competitors of **HI-TECH CAD CAM CENTRE** to either do any promotional activities, advertising in any form, publicity of any kind, canvass for students and enroll the students. The courses will be conducted by **HI-TECH CAD CAM CENTRE**.

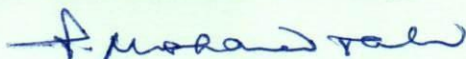
VALIDITY

Both **Sethu Institute of Technology** and **HI-TECH CAD CAM CENTRE** shall have the rights to terminate this MOU by providing **THREE** months notice in writing on their respective letter head only after a minimum period of 3 year. 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.

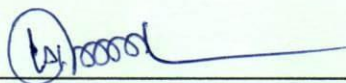
This Memorandum of Understanding shall come into effect from March 19th 2020.

For: **Sethu Institute of Technology**



Name: **Mr. S.MOHAMED JALEEL**
Designation: **CHARIMAN**
Date: 19.03.2020

for: **HI-TECH CAD CAM CENTRE**



Name: **Mr. V.P.Thirupathi Raja**
Designation: **Director**
Date: 19.03.2020

MOU SIGNED WITH HI-TECH CAD CAM CENTRE



INTERNSHIP PROGRAM FOR STUDENTS IN HI-TECH CAD CAM CENTRE



TO WHOM IT MAY CONCERN

This is to certify that **Mr. PREMKUMAR. B, S/O Boomi Nathan .M**
Roll No : 2016101327 student of CIVIL Final Year, Sethu Institute Of Technology ,
Kariyapatti, had successfully completed 10 Days internship program from 02.08.2019 to
12.08.2019 at our concern. During this period he has wide software knowledge in AutoCAD
and having good exposure in Designing.

We wish him success in his future endeavors.

Place : Madurai

Date : 13.08.2019

Authorized Signature

Director
HI-TECH CAD CAM CENTRE

17, First Floor, Star Plaza, T.P.K. Road, Vijay Hotel Opp., Chennai Hot Puffs Bakery Upstairs,
Near periyar Bus Stand, MADURAI. Phone: 0452 4371713, 98940 67824

E.mail : hitechraja@gmail.com

www.hitechcncworld.com



WORLD CLASS CAD CAM CNC TRAINING ACADEMY
ISO 9001 : 2008 உலகத்தரம் சான்றிதழ் பெற்ற பயிற்சி நிறுவனம்
* COIMBATORE * MADURAI * CHENNAI *
www.hitechcncworld.com



TO WHOM IT MAY CONCERN

This is to certify that **Mr. JEYASEELAN. N, S/O Narayanan .S**
Roll No : 2016101317 student of CIVIL Final Year, Sethu Institute Of Technology ,
Kariyapatti, had successfully completed 1 Week internship program from 02.08.2019 to
10.08.2019 at our concern. During this period he has wide software knowledge in Staad.Pro
and having good exposure in Designing.

We wish him success in his future endeavors.

Place : Madurai

Date : 13.08.2019

Authorized Signature

Director

HI-TECH CAD CAM CENTRE

17, First Floor, Star Plaza, T.P.K. Road, Vijay Hotel Opp., Chennai Hot Puffs Bakery Upstairs,
Near periyar Bus Stand, MADURAI. Phone: 0452 4371713, 98940 67824
E.mail : hitechraja@gmail.com www.hitechcncworld.com



SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI – 626 115.
(An Autonomous Institution)



DEPARTMENT OF MECHANICAL ENGINEERING

MOU WITH

**Ford India's CSR (Corporate Social
Responsibilities) scheme sponsored
FORD ECOSPORT – AUTOTRANS VEHICLE**



Good Day,

Based on the request received from your institute and Ford India's CSR (Corporate Social Responsibilities) Initiative, One Eco Sport vehicle (Pre build test unit) will be provided for learning purpose to engineering or technical institutes at no cost., Educational institute to bear the vehicle Shipment, logistics charges from Ford India (Chennai – Maraimalai Nagar) to Educational Institute location.

As part of Next process, Ford India and the education institute need to sign-off the legal agreement "stating that it will be used only for the study purpose and not for driving / resale purpose"

Here with we have attached the legal document printed in the stamp paper and signed by Ford authorities (2 copies). **Make sure every page of the legal document must seal and sign by your institution authorities and retain one copy and send the other copy back to us (Ford India).**

Once we received the signed legal stamp paper with both the parties, we will communicate to you that vehicle is ready for pick up. You can arrange your own logistics or use existing logistic provider at Ford India by arranging payments. (Vehicles should not be driven and has to be transported through trucks)

For any clarification required kindly contact the below persons,

1. P. S. Prathap

Deputy Manager – New Model Programs

Email: sprathap@ford.com

Mobile: 96000 65029

2. P. Arun Prakash

New Model Program

Email: parunpr2@ford.com

Mobile: 9894 762702

XXXX---**Thank You**---XXXX



SETHU INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC

Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai

Recognized by UGC Under Section 2(f) & 12(B) of UGC Act, 1956

Approved Research Centre for Mech, CSE, ECE, Civil, Physics & Chemistry by Anna University, Chennai

Pulloor - 626 115, Kariapatti Taluk, Virudhunagar District

Phone : (04566) 308001 (4 Lines) | Fax: (04566) 308000

Website: www.sethu.ac.in | Email: principal@sethu.ac.in

Lr.SIT/2019-20/OTH/31

Date: 16.03.2020

To

**Mr.P.S.Prathap,
Deputy Manager – New Model Programs,
FORD India Private Limited,
Chengalpet - 603 204**

Dear Sir,

Greetings from Sethu Institute of Technology!

We sincerely thank the FORD Officials for having accepted our request made by Dr.A.Anbarasu, Professor, Mechanical Engineering Department from our Institute under Ford India's CSR (Corporate Social Responsibilities) initiative, to provide one ECO SPORT Vehicle.

We have received two copies of legal documents and signed by our Institution Authorities. One copy retained by us and the other copy has been sent back to you (FORD India) along this letter.

After your communication, we shall arrange logistics to take the vehicle to our Institute.

Thanking you and with Warm Regards,


PRINCIPAL

PRINCIPAL
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
VIRUDHUNAGAR (DT)



SETHU INSTITUTE OF TECHNOLOGY

AN AUTONOMOUS INSTITUTION | ACCREDITED WITH 'A' GRADE BY NAAC

Approved by AICTE, New Delhi & Permanently Affiliated to Anna University, Chennai

Recognized by UGC Under Section 2(f) & 12(B) of UGC Act, 1956

Approved Research Centre for Mech. CSE, ECE, Civil, Physics & Chemistry by Anna University, Chennai

Pulloor - 626 115, Kariapatti Taluk, Virudhunagar District

Phone : (04566) 308001 (4 Lines) | Fax: (04566) 308000

Website: www.sethu.ac.in | Email: principal@sethu.ac.in

SIT / Innov. / FORD / 01

Date : 20.08.2020

To

General Manager,
New Model Programs
Ford India Private Limited
(formally known as "Chennai Vehicle Assembly and Engine Plant")
S.P Koil Post,
Chengalpattu - 603 204

Dear Sir/ Madam,

On behalf of SETHU INSTITUTE OF TECHNOLOGY, We would like to thank you for donating Ecosport vehicle from Ford India Private Limited. Here with we acknowledge the receipt of the vehicle in our campus on 13/08/2020. The generous support makes it possible for our institution to deliver latest automobile knowledge to the local students community. This vehicle will be used to educate the students who studying in our institution as per legal agreement and we will not use the vehicle for any transport and commute purpose in public roads. We will ensure all safety precautions during workroom usage.

We acknowledge that our management undertakes all responsibilities with respect to the maintenance obligations and ultimate disposal of the vehicle and Ford India Private Limited is released from such obligations.

Vehicle Details

Physical / Logical VIN	Vehicle Specification	Vehicle Colour
MRKBKE71858/ MAJ3S2GE4LC300072	1.0L Fox, 6 SPD AUTO TRANS 6F15, SE, LHD, Blue lightning, USA	Blue Lightning

Please accept our most sincere thanks for your support.

Yours faithfully,



[Signature]
Dr. A. Senthil Kumar
PRINCIPAL
SETHU INSTITUTE OF TECHNOLOGY
Pulloor, Kariapatti - 626 115
Virudhunagar District



SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI – 626 115.
(An Autonomous Institution)



DEPARTMENT OF MECHANICAL ENGINEERING

UTILIZATION REPORT ON

**Ford India's CSR (Corporate Social
Responsibilities) scheme sponsored
FORD ECOSPORT – AUTOTRANS VEHICLE**



ORGANIZED BY



Sethu Institute of Technology

FORD ECO SPORTS CAR GIVEN FOR TRAINING THE STUDENTS ON THE BASIS OF CSR(CORPORATE SOCIAL RESPONSIBILITIES) FROM FORD

SALIENT FEATURES OF FORD ECOSPORT AUTOTRANS

Designed as a compact crossover SUV that offers an efficient, environmentally friendly drive, a Ford EcoSport automatic has the added advantage of its automatic gearbox. It was created as a cost-effective alternative to other compact SUV models on the market.

The manufacturer has affixed a 1.0-litre Ecoboost petrol mill in context of making this vehicle capable of churning out an appreciable power of 123.34bhp at 6000rpm and torque of 170Nm between 1400 to 4500rpm. Mated to a 5-speed manual transmission, this mill has four cylinders and a displacement capacity of 999cc.

We received Ford Eco sport car of Left hand drive- Auto trans vehicle on 13.08.2020 for the demonstration purpose to our mechanical engineering students.



In continuation with that, an orientation program about its salient features and recent sensors adoption in automobile was given to the students.

TRAINING FOR STUDENTS ON FORD ECO SPORTS CAR



STUDENTS ATTEND THE TRAINING ON FORD ECO SPORTS CAR



SETHU INSTITUTE OF TECHNOLOGY
 (An autonomous institution)
 (Approved by AICTE, New Delhi and affiliated to Anna University Chennai)
 An ISO 9001:2000 Certified Institution



STUDENTS TRAINING PROGRAM ON ECO SPORT (FORD INDIA CSR SCHEME)

SL.NO	REG.NO	NAME	SIGNATURE
1	2018107161	B. Shobanraj yagesh	B. Shobanraj
2	2018107167	S. Subramani	S. Subramani
3	2018107168	S. Subhassan	S. Subhassan
4	2017107215	Vasanth Kumar. P	Vasanth Kumar
5	2017107203	S. Anil Raghav	S. Anil Raghav
6	2017107128	M. Matheskanmaraj	M. Matheskanmaraj
7	2017107222	S. Venkatesh	S. Venkatesh
8	2018107075	K. Krishnavel Priyan	K. Krishnavel Priyan
9	2018107303	P. Ananthanath	P. Ananthanath
10	2018107346	K. Nithish Kumar	K. Nithish Kumar
11	2018107010	A. AJAY	A. AJAY
12	2018107016	Indranar. R	Indranar. R
13	2018107024	Arthwin. S	Arthwin. S
14	2018107045	Gopinath. P	Gopinath. P
15	2018107047	V. Gunasekaran	V. Gunasekaran

भारतीय गैर न्यायिक

बीस रुपये

रु.20



Rs.20

TWENTY
RUPEES

INDIA NON JUDICIAL

தமிழ்நாடு தமிலநாடு TAMIL NADU

72AB 366236

15 OCT 2019

WINWAYS INFOMATICS
PVT LTD. MADURAI

T. சுப்பிரமணியன்
Jt. SRO IV Vendor
ROC No. 6645 B1/85
10-A, B.B. Street
சந்திராபுரம், மதுரை-625 011



Memorandum of Understanding

This Memorandum of Understanding entered on _____ between Winways Infomatics Private Limited a company having its corporate office at No. 2 & 3, East II Street, K.K.Nagar, Madurai - 625020

And

CSE Department of Sethu Institute of Technology, Pulloor, Kariapatti.

Background

Winways Infomatics Private Limited is an authorized Red Hat Certified Training Partner and involved in offering training services in open source technologies.

CSE Department of Sethu Institute of Technology, Pulloor, Kariapatti is mainly engaged in the provision of educational activities and also providing training on various IT related courses.

Whereas, CSE Department of Sethu Institute of Technology, Pulloor, Kariapatti recognize the potential of Training and Certification on Red Hat Enterprise Linux and would like to enhance the penetration of Open Source Technologies in the Indian Society.

This MOU sets forth the scope, terms and conditions of mutual co-operation between the two organizations for training on Red Hat Official Curriculum leading towards RHCSA & RHCE 27

WEBINAR FOR THE STUDENTS WITH WIN WAYS INFOMATICS PVT LTD



SETHU INSTITUTE OF TECHNOLOGY
An Autonomous Institution Accredited With 'A' Grade by NAAC
Pullor, Kariapatti-626115
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING





FREE WEBINAR ON



ANSIBLE- AN OVERVIEW THE NEXT DECADE TECHNOLOGY

 **DATE :19.08.2020 TIME : 2.30 PM To 4.30 PM**

Resource Persons

Mr.J.S.Sukumar
Director-Operations
Winways Infomatics Pvt Ltd

Mr.C.Chellappalani
Senior RedHat Instructor, Developer & Software Engineer
Winways Infomatics Pvt Ltd

Convenor :
Dr.C.Callins Christiyana, Professor & Head, CSE

For Registration :
Website: www.Sethu.ac.in <https://forms.gle/oSNEtwZmJKBLz8cQ7> **Mail: hodcse@sethu.ac.in**

Coordinators :
Dr.B.Guru Prakash, Asst.Prof(SG)
Mr.T.Siva, Asst.Prof.
Mr.S.Durai Pandi, Asst.Prof.

**WEBINAR ORGANISED IN COLLOBARATION WITH WIN WAYS
INFOMATICS PVT LTD**





MEMORANDUM OF UNDERSTANDING

BETWEEN

AIMST UNIVERSITY (MALAYSIA)

AND

**SETHU INSTITUTE OF TECHNOLOGY
(INDIA)**

30th August 2019

Memorandum of Understanding

Between

AIMST University (Malaysia)

Having its registered address at Jalan Semeling-Bedong,

08100 Bedong, Kedah Darul Aman, Malaysia

Represented by its Chief Executive & Vice Chancellor

Emeritus Prof. Dr. Harcharan Singh Sidhu

Hereinafter referred to as "AIMST"

And

Sethu Institute of Technology

Having its registered address at Pulloor, Kariapatti – 626 115, Virudhunagar District,

Tamil Nadu, India

Represented by its Founder and Chairman

Mr.S.Mohamed Jaleel

Hereinafter referred to as "SIT"

Under this Memorandum of Understanding (MoU), the two institutions will proceed to implement the following endeavors:

Proposed Areas of Cooperation

1. Teaching and research development collaboration
2. Mobility/exchange programme; e.g. semester study abroad, internship, study visit, etc.
3. Development of study pathways including curriculum mapping and credit transfer
4. Faculty staff mobility including e.g. guest lecture or co-lecture
5. Sharing of relevant online courses including massive online open course (MOOC)

The specific activities to be undertaken shall be covered by a corresponding Memorandum of Agreement (MoA) and the activity must commence within six (6) months from the date of this MoU. Failing which, this MoU may be deemed as null and void.

Both parties understand that all financial arrangement will have to be negotiated and will depend on the availability of funds.

This MoU shall take effect upon signing by both parties and shall remain in force for a period of five (5) years subject to renewal upon mutual consent unless sooner terminated by either party provided that a written notice shall have been served at least sixty (60) days before such termination takes effect.

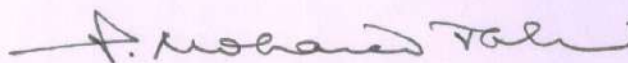
This MoU is not legally binding and entered into by the parties herein to merely express their intention to collaborate and is therefore subject to the parties herein entering into a legally binding MoA. Nothing contained herein shall be construed as a joint-venture and shall not constitute either party as the agent of the other.

Hereupon the signatures of the representatives of both institutions are affixed with the hope of promoting mutual cooperation effective from 30th August 2019.

Signed by:




Emeritus Prof. Dr. Harcharan Singh
Chief Executive & Vice-Chancellor
AIMST University
Malaysia

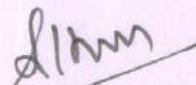


S. Mohamed Jaleel
Founder & Chairman
Sethu Institute of Technology
Tamilnadu, India

Witnessed by:



Sr. Asst. Prof. Dr. S. Kathiresan
Registrar
AIMST University
Malaysia



Dr. A. Senthilkumar
Principal
Sethu Institute of Technology
Tamilnadu, India



Document details - Epileptic EEG signal classifications based on DT-CWT and SVM classifier

1 of 1

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Journal of Engineering Research (Kuwait)
Volume , Issue A, June , Pages -

Epileptic EEG signal classifications based on DT-CWT and SVM classifier (Article) [\(Open Access\)](#)

Deivasigamani, S., Narmadha, G., Senthilpari, C., Yong, W.H., Rajesh, P.K. ·

^aFaculty of Engineering and Computer Technology, AIMST University, Malaysia^bDepartment of Electrical and Electronics Engineering, Sethu Institute of Technology, Tamilnadu, India^cFaculty of Engineering, Multimedia University, Malaysia[View additional affiliations](#) ·

Abstract

Contamination in human cerebrum causes the mind issue, which is epilepsy. The contaminated territory in the cerebrum area creates the unpredictable example signals as focal signs, and the other sound locales in the mind produce the standard example signals as nonfocal sign. Henceforth, the discovery of focal signs from the nonfocal signs is significant for epileptic medical procedure in epilepsy patients. This paper proposes a straightforward and proficient technique for Electroencephalogram (EEG) signals orders utilizing Support Vector Machine (SVM) classifier. The exhibition of the proposed EEG signals characterization framework is assessed for Sensitivity, Specificity, and Accuracy. © University of Kuwait. All rights reserved.

Author keywords

[Epilepsy](#) [Epileptogenic area](#) [Focal](#) [Neural networks](#) [SVM](#)

ISSN:
Source Type: Journal
Original language: English

DOI: . /jer.
Document Type: Article
Publisher: University of Kuwait

Cited by document

Sohaib, M. , Gha ar, A. , Shin, J.
 Automated Analysis of Sleep Study
 Parameters Using Signal
 Processing and Artificial
 Intelligence

() *International Journal of
 Environmental Research and
 Public Health*

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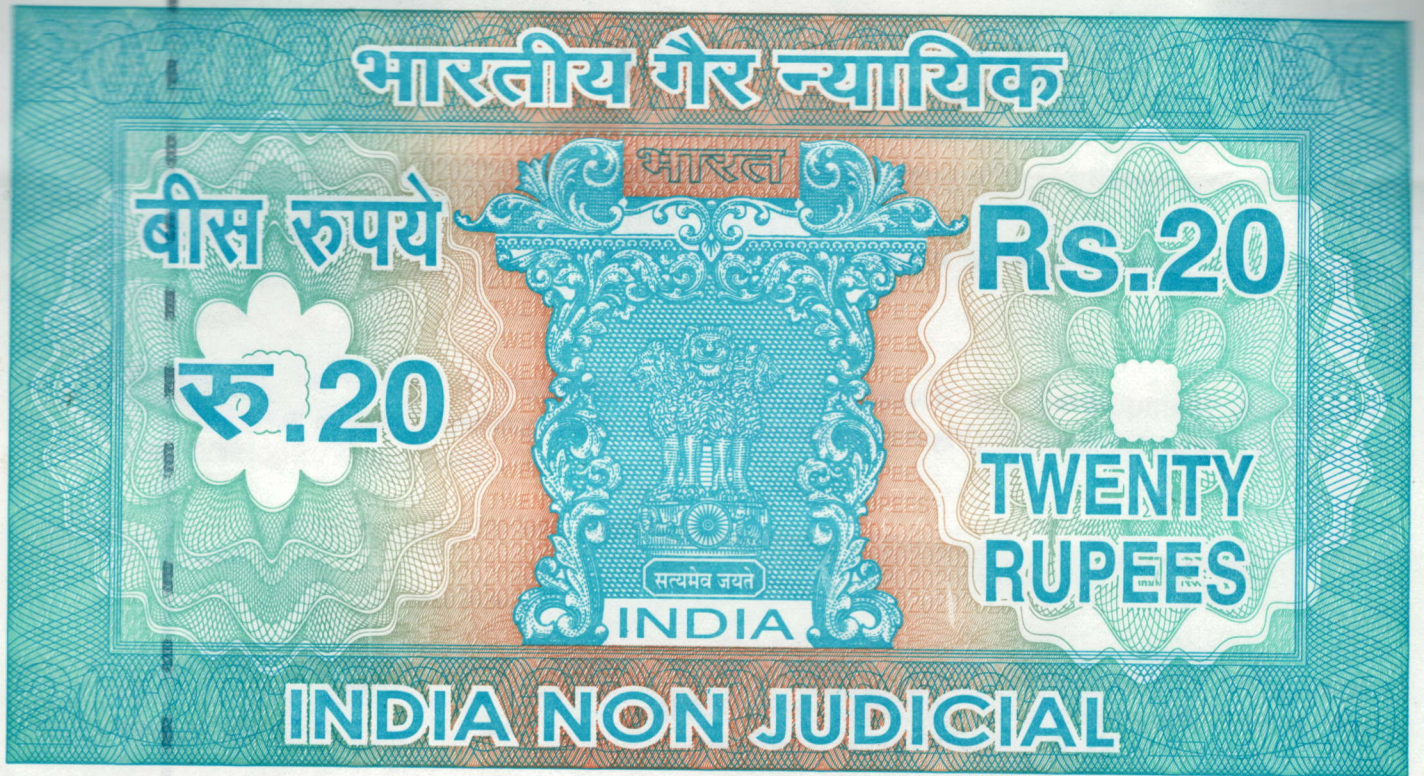
[Authors](#) > [Keywords](#) >

SciVal Topic Prominence ·

Topic:

Prominence percentile:

· Deivasigamani, S.; Faculty of Engineering and Computer Technology, AIMST University, Malaysia;
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தமிழ்நாடு தமில்நாடு TAMIL NADU

R. 2

72AB 598282

11 NOV 2019

*Chirukelavan
Madurai*

பா. திருப்பதி
முத்திரைத்தாள் நிற்பதையானது
82/2, சிங்கராயர் காலனி
வடக்குத்தெரு ஸ்ரீவாக்கம்
பி.பி. குளம், பதுரை-2.
ஆர். சி. 7894/ஆ1/87-2 தமிழ்நாடு



Memorandum of Understanding

THIS MEMORANDUM OF UNDERSTANDING (MoU) is made at SETHU INSTITUTE OF TECHNOLOGY on this 4th day of December 2019 between

M/s. SINGAI COIR CLUSTERS (P) Ltd Singampanari Sivagangai (Dt) Tamil Nadu, India

(hereinafter referred to as "The industry "which expression shall unless repugnant to the context or meaning thereof include its successor- in- interest and permitted assigns);

AND

Department of Mechanical Engineering SETHU INSTITUTE OF TECHNOLOGY established by Sethu Educational Trust, registered under Indian Trusts Act, 1882. Sethu Institute of Technology is an autonomous institution approved by All India Council for Technical Education(AICTE) and affiliated to Anna University, Chennai and the institution campus located at Pulloor, Kariapatti 626115, Tamilnadu

Thereinafter referred to us "The College." Which expression shall unless repugnant to the context or meaning thereof, include its successor in interest and permitted assigns):

WHEREAS the industry is a business organization and a leading manufacturer of coir products for the society

WHEREAS the College is engaged in conducting research and development in various technological and engineering areas having excellence in highly trained personnel, research and development facilities,

Purpose

The purpose of this MoU is to establish a common platform between the college and the industry, which facilities a) Facilitating consultancy to the industry and taking job orders from the industry b) providing an opportunity to the employee of the industry to pursue their research project c) faculty development programme for the faculty members of the college d) recruitment of students.

The parties here to do jointly plan and execute activities for research and development of new product development with the technical knowledge developed at SETHU INSTITUTI: OF TECHNOLOGY and also for mutual development of the faculty/staff from both participating organizations.

NOW THIS MEMORANDUM OF UNDERSTANDING (MoU) WITNESSETH AND IT IS HEREBY AGREED BY AND BETWEEN THE PARTIES TIERETO AS FOLLOWS:

1. **The industry and the College** will exchange R&D programs to develop alternate and cost effective production techniques for the development.
2. The College will depute senior and experienced faculty to interact with the industry who would capture and communicate requirements of the R&D activity, create the calendar of activities and execute & coordinate effectively between the industry and the College.
3. The industry will utilize the College facilities and laboratories on mutually agreeable terms for conducting research and development activities.
4. The industry will give the job order to the college for the benefit of both the company and the college.
5. The industry will offer workshops study visits and recruitment process to the students.

6. The industry will offer guest lecturers to the College for the faculty and students on a mutually agreed timetable.
7. The College may utilize the industry facilities with prior approval for special projects with or without Government Aid.
8. The parties involved in projects shall adhere to policy of the industry regarding confidential information, non-disclosure of information and intellectual property rights. This will be shared with the students and faculty before project starts.

The MoU will be operational for a period of 3 years and renewed further thereafter.

All academic initiatives for the industry related issues:

Dr. K. Arunbalasubramanian Professor. Department of Mechanical Engineering. Sethu Institute of Technology Kariapatti-626115.

All Sethu Institute of Technology Strategic issues: Dr.G.D.Sivakumar. Dean & Vice principal.

IN WITNESS WHEREOF the authorized signatories of Company and College have signed this Memorandum of Understanding on the day, month and year first above written.

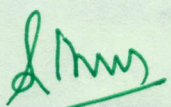
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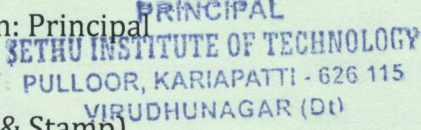
SETHU INSTITUTE OF TECHNOLOGY

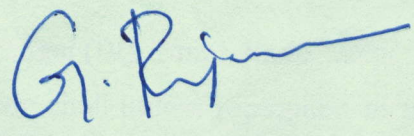
Pulloor, Kariyapatti

SINGAI COIR CLUSTERS (Pvt) Ltd

Singampunari, Sivagangai


Name: Dr. A. Senthilkumar

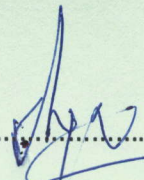
Designation: Principal

(Signature & Stamp)

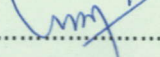


Name: Mr. G. Rajamurthy
Designation: Managing director

(Signature & Stamp)

Witness:

1.  (G.D. SIVAKUMAR)



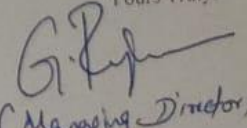
2.  (Dr. C. MUTHUSAMY)

SINGAI COIRS CLUSTER PVT. LTD.,
16/8-6/1, Sundaram Nagar
SINGAMPUNARI - 630 502
Sivagangai (Dist.) Tamilnadu

INDUSTRIAL VISIT REGARDING CONSULTANCY WORK AT SINGAI COIRS CLUSTER




SUGGESTION FOR THE CURRICULUM DESIGN FOR THE MECHANICAL ENGINEERING DEPARTMENT

Reg.No. U74999 TN 2008 PTC 068275		Ph :
		
SINGAI COIRS CLUSTER (P) LTD., சிங்கை கயர்ஸ் கிளஸ்டர் (பி) லிட.,		
16-7-7, Sundaram Nagar, SINGAMPUNARI - 630 502. Thiuruppathur (Tk) Sivagangai (Dt.) Tamil nadu, South India. Emailid : singaicoircluster@gmail.com. Website : www.singaicoircluster.com.		
<hr/>		
BOARD OF DIRECTORS G. RAJAMURTHY B.E., M.Tech., MBA., Managing Director. Cell: 9047093311 Haji. A.M.HUSSAIN Director Cell: 9443113100 A.KULANTHAIVELAN Director Cell: 9443608407 K.JEYARAM Director Cell: 9443608408 C.SEVUGAPERUMAL Director Cell: 9487404464 S.SELVAM Director Cell: 9865964688	To Head of the Department Sethu Institute of Technology Pulloor Kariapatti. Respected Sir, SUB: Suggestion for R2015 curriculum and syllabus. First of all I thank you for your invitation to give suggestion for any possible improvement for B.E Mechanical Engineering program. I had gone through the Department Vision, Mission, and PEO, PO and R2015 curriculum and syllabus. The Curriculum is well mapped with your PO, PSO and PEO. In recent scenario, due to fast advances in information technology have led to a smarter world vision with ubiquitous interconnection and intelligence evolve Industry 4.0. I suggest to include "Smart manufacturing" course in your curriculum. The course may include some topics like Industry 4.0, Additive manufacturing process, Cloud computing, Robotics in Manufacturing. Currently, Indian farmers are getting used to farm mechanization at a faster rate as compared to the past. Indian tractor industries have emerged as the largest in the world accounting for about one-third of total global tractor production. Hence I suggest including "Automation in Agriculture Engineering" course in your curriculum. The course may include some topics like to Farm Mechanization, Automated Irrigation System, Agricultural Vehicle Robot, Sowing and fertilizer equipment. Thank you Yours Truly,  (Managing Director)	Date: 10.12.2017
<hr/>		
Factory : Manavottan, A.Kalapur Panchayat, SINGAMPUNARI Sivagangai (Dt)		

CONSULTANCY WORK DONE AT SINGAI COIRS CLUSTER

TIN: 33765503114 (27-11-2013)
CST No: 517768 (28-11-2013)

Reg.No. U74999 TN 2008 PTC 068275



SINGAI COIRS CLUSTER (P) LTD.,
சிங்கை கயர்ஸ் கிளஸ்டர் (பி) லிமிடெட்.,
16-7-7, Sundaram Nagar, SINGAMPUNARI - 630 502.
Thiuruppathur (Tk) Sivagangai (Dt.) Tamil nadu, South India.
Emailid : singaicoircluster@gmail.com. Website : www.singaicoircluster.com.

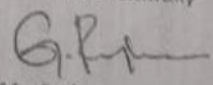
Date: 03/02/2022

To
The Principal
Sethu Institute of Technology,
Pulloor
Kariapatti-626106.

Dear Sir,

Sub: Releasing of 1st Phase of Consultancy amount- Reg.

I am happy to express my sincere thanks for completion of enhancement in Boiler work. Here with I have released the 1st phase of consultancy amount RS1, 00, 000 on 03/02/2022 to your bank account. The remaining amount will be sent after the successful running of the above said equipment's.

Yours faithfully

Mr. G. RAJAMURTHY
Managing Director
Singai Coir Clusters Private limited

03.02.2022

SINGAI COIRS CLUSTER PVT. LTD.,
16/5-5/1, Sundaram Nagar
SINGAMPUNARI - 630 502
Sivagangai (Dist.) Tamil nadu.

Factory : Manavottan, A.Kalapur Panchayat, SINGAMPUNARI Sivagangai (Dt)

ot.of Mechanical Engg || SIT

NBA - Compliance Report

**Promoting Water Conservation & Healthy Environment in
Villages using Grey water Recycling System**

This agreement is entered into as of the 8 day of January, 2020 BETWEEN

SETHU INSTITUTE OF TECHNOLOGY
(Hereafter known as "Developer")

With its place of business for the purpose of this agreement at
Pullor, Kariapatti, Tamilnadu – 626 115.

– AND –

AZATH HOSPITAL
(Hereafter known as "Client")
With its place of business for the

Purpose of this agreement at
Udumalaipettai, Tamilnadu.

WHEREAS

The Developer and the Client wish to set out the conditions between the parties in order to commence the project assistance, design and development services to the Client. NOW THEREFORE, the Developer and the Client agree as follows:

1. DEFINITIONS

1.1. "Developer" refers to Sethu Institute of Technology, its agents and authorized representatives which are also referred to using "we", "us", "our" and "ours".

1.2. "Client" refers to Azath Hospital, Udumalaipettai its agents and authorized representatives which are also referred to using "they", "them", "their" and "theirs".

1.3. Project Consultant:

Our Institute has expertise in various research areas to provide knowledge and intellectual inputs which are of interest to the industry

- i. A consultancy project/task/work is one where faculty and research staff provide knowledge and intellectual inputs to Institution/University/industry (within India and abroad), primarily for their purposes. This is effectively a contract work in which all outputs belong to the client.
- ii. All payments for consultancy work must come in the name of the Principal of the developer's Institute.
- iii. The faculty is expected to estimate the time and cost required to accomplish the task.

2. AUTHORIZATION

The Client is engaging the Developer as an independent contractor for the specific project consultant and development.

3. PAYMENT AND WORK FLOW

The Developer agrees to execute this project consultant work as specified in Appendix A which is an integral part of this agreement. By signing this agreement, the Client acknowledges that this is the ONLY specification for this Project. Any subsequent modifications to this specification together with any cost adjustment have to be agreed by both parties by signing a modification agreement. The Client also agrees to pay the Developer the deposit towards consultancy and Research work specified in Appendix B upon signing this agreement. Under all circumstances, the Developer will not start work until the deposit is received. All interim payments, if any, are also listed in Appendix B. Upon project completion, the Developer will show the Client all the work done and the Client is required to sign off indicating that all work has been done according to Client's specifications.

4. ADDITIONAL EXPENSES

Client agrees to reimburse the Developer for any critical Client-requested expenses towards Consultancy and Research necessary for the completion of the project consultant not mentioned in this proposal contract or Appendices A or B.

5. CANCELLATION AND REFUND

Cancellation of the project at the request of the Client must be made by certified letter. In the event that work is postponed or canceled at the request of the Client by registered letter, the Developer shall have the right to retain the original deposit. If an

amount remains delinquent 30 days after its due date, an additional 5% penalty will be added for each month of delinquency.

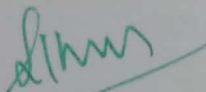
6. CONTENT OWNERSHIP

Copyright to the finished assembled work of web pages produced by the Developer shall be vested with the Client upon final payment for the project. This ownership is to include design, photos, graphics, source code, work-up files, text, and any program m(s) specifically designed or purchased on behalf of the Client for completion of this project.

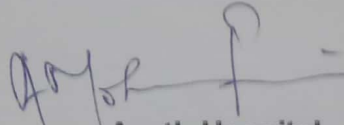
7. COPYRIGHTS AND TRADEMARKS

The Client represents to the Developer and unconditionally guarantees that any elements of text, graphics, photos, designs, trademarks, or other artwork furnished to the Developer for inclusion in the Client's web site are owned by the Client, or that the Client has permission from the rightful owner to use each of these elements, and will hold harmless, protect, and defend the Developer and its subcontractors from any claim or suit arising from the use of such elements furnished by the Client.

IN WITNESS WHEREOF the undersigned have executed this Agreement as of the day and year first written above. The parties hereto agree that facsimile signatures shall be as effective as if originals

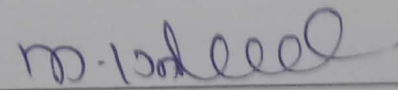

Sethu Institute of Technology
Virudhunagar

Dr.A.Senthilkumar
Principal


Azath Hospital
Udumalaipettai

Dr.A.Mohamed Faizer,M.D (Ortho)
Orthopedic Surgeon

Witness:  _____

Witness:  _____

CONSULTANCY WORK DONE FOR THE AZATH HOSPITAL

APPENDIX A

Details of the Project

The major contributions of our work are:

- (1) Initial grey water analysis is performed to monitor water level, water usage, ground water purity, source of drinking water, water pollution, water planning and rain water harvesting.
- (2) Recycling unit which is suitable for household in an affordable price is elected and the experimental setup will be initiated.
- (3) Finally the processing, reliability and accuracy of the recycling unit will be tested in a defined frequency.

APPENDIX B

Cost Estimate and Payment Schedule

Details	Fund	Status
Initial Database collection & submission of Initial stage Results	75,000/-	Received
Second Stage result Submission	2,25,000/-	Yet to be received on the completion of second stage
Total	3,00,000/-	

CONSULATANCY WORK AMOUT PROOF FOR THE AZATH HOSPITAL

Txn Date	Value Date	Description	Ref No./Cheque No.	Branch Code	Debit	Credit	Balance
18 Mar 2021	18 Mar 2021	CHEQUE WDL-CHEQUE DEPOSIT-56337	TRANSFER FROM 39995726779 Mr. Immanuelpra bakaran / 56337	931	9,900.00		19,81,827.48
19 Mar 2021	19 Mar 2021	TO CLEARING-INB JEEVAMADE SH-56367	/ 56367	10571	50,000.00		19,31,827.48
19 Mar 2021	19 Mar 2021	TO CLEARING-INB JEEVAMADE SH-56351	/ 56351	10571	55,000.00		18,76,827.48
19 Mar 2021	19 Mar 2021	CHEQUE WDL-CHANDRU S -56354	TRANSFER FROM 38366049494 Master SUNDAR SANTHUR / 56354	809	50,000.00		18,26,827.48
20 Mar 2021	20 Mar 2021	CHEQUE WDL-CHEQUE TRANSFER TO-56340	TRANSFER FROM 35043056817 Mr. M VIJAY PANDIAN / 56340	16114	50,000.00		17,76,827.48
20 Mar 2021	20 Mar 2021	CHEQUE DEPOSIT--130226	TRANSFER TO 11046951292 Dr. A MOHAMED FAIZER / 130226	944		75,000.00	18,51,827.48

**This is a computer generated statement and does not require a signature.

Automatic Saline Monitoring System

This agreement is entered into as of the 28 day of December, 2019 BETWEEN

SETHU INSTITUTE OF TECHNOLOGY
(Hereafter known as "Developer")

With its place of business for the purpose of this agreement at
Pullor, Kariapatti, Tamilnadu – 626 115.

– AND –

GK Clinic, Madurai
(Hereafter known as "Client")
With its place of business for the

Purpose of this agreement at
Madurai, Tamilnadu.

WHEREAS

The Developer and the Client wish to set out the conditions between the parties in order to commence the project assistance, design and development services to the Client. NOW THEREFORE, the Developer and the Client agree as follows:

1. DEFINITIONS

1.1. "Developer" refers to Sethu Institute of Technology, its agents and authorized representatives which are also referred to using "we", "us", "our" and "ours".

1.2. "Client" refers to GK Clinic, Madurai its agents and authorized representatives which are also referred to using "they", "them", "their" and "theirs".

an amount remains delinquent 30 days after its due date, an additional 5% penalty will be added for each month of delinquency.

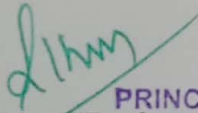
6. CONTENT OWNERSHIP

Copyright to the finished assembled work of web pages produced by the Developer shall be vested with the Client upon final payment for the project. This ownership is to include design, photos, graphics, source code, work-up files, text, and any program m(s) specifically designed or purchased on behalf of the Client for completion of this project.


7. COPYRIGHTS AND TRADEMARKS

The Client represents to the Developer and unconditionally guarantees that any elements of text, graphics, photos, designs, trademarks, or other artwork furnished to the Developer for inclusion in the Client's web site are owned by the Client, or that the Client has permission from the rightful owner to use each of these elements, and will hold harmless, protect, and defend the Developer and its subcontractors from any claim or suit arising from the use of such elements furnished by the Client.

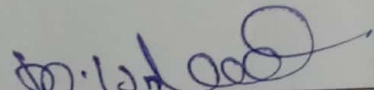
IN WITNESS WHEREOF the undersigned have executed this Agreement as of the day and year first written above. The parties hereto agree that facsimile signatures shall be as effective as if originals


PRINCIPAL
Sethu Institute of Technology
Virudhunagar
KARIAPATTI - 626 115
VIRUDHUNAGAR (DI)


Dr.A.Senthilkumar
Principal


(Dr. B. Narendran D.O)
Dr. B. NARENDRA, MBBS., DLO
GK Clinic
Regn. No: 55810
Madurai
GK CLINIC
69, APK Main Road
Villapuram, MADURAI-12
Ph: 2670023
Dr.B.Narendran, DLO (ENT)
Senior Civil Surgeon

Witness:



Witness:



HEAD OF THE DEPARTMENT
Electronics & Communication Engg.
Sethu Institute of Technology,
Pulloor, Kariapatti - 626 115,
Viruthunagar District.

PROFESSOR
DEPT. OF ECE
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
Virudhunagar District

CONSULATANCY WORK DONE FOR THE G K CLINIC

APPENDIX A

Details of the Project

The major contributions of our work are:


- (1) IR sensors are purchased and they are used to determine the status of liquid in the bottle whether it is normal or warning status.
- (2) Bluetooth module and CC2500 wireless modules were purchased and act as transceiver, due to which the notification can be sent to the nurse on her mobile as well as computer.
- (3) The speaker starts ringing when the liquid goes below the critical level and automatically nurse will get the notification of warning. Programming is done in microcontroller ATMEGA 328 which is best suitable for making the system cost effective.

APPENDIX B

Cost Estimate and Payment Schedule

Details	Fund	Status
Initial Database collection & submission of Initial stage Results	50,000/-	Received
Total	50,000/-	

CONSULATANCY WORK AMOUT PROOF FOR THE G K CLINIC

 **SETHU EDUCATIONAL TRUST**
SIT, CAMPUS, PULLOOR
KARIAPATTI-626106
VIRUDHUNAGAR DISTRICT
Ph.No.04566-229706 (Four Lines)
E-Mail : accounts@sethu.ac.in

Receipt Voucher

957 Dated : 18-Sep-2020

Particulars	Amount
ount : ECE Dept - R	50,000.00

ough :
IOB - Principal A/c No: 254601000005555

Account of :
being consultancy amount received through Online

ount (in words) :
Indian Rupees Fifty Thousand Only

Rs 50,000.00

Authorised Signatory

CONSULTANCY WORK AMOUNT PROOF FOR THE BIONIC BIOMEDICAL SYSTEMS, CHENNAI

ECE DEPARTMENT CONSULTANCY AMOUNT RECEIVED THROUGH PRINCIPAL A/C:IOB:5555			
S.NO	DATE	REFERENCE NO	AMOUNT
1	14/8/2020	TMBL-SAA50876862-CHIDHAMBARANATHAN	5000
2	18/11/2020	SBIN-SBIN119322396601-THANGAMAYIL	15000
3	6/1/2020	TRTR/000615370519/IMPS- BAGYARAJ S	20000
4	7/7/2020	IDIB-IDIBH20189168490- RAJINI KAN	1250
5	21/7/2020	TRTR/020311311932/IMPS/BALASUBRAMANIAN M	100
6	21/7/2020	TRTR/020316149697/IMPS/BALASUBRAMANIAN M	50000
7	21/7/2020	TRTR/020319708142/IMPS/BALASUBRAMANIAN M	49900
8	18/9/2020	SBIN-SBIN2202262066074- NARENDRAN	50000
9	15/10/2020	CANARA BANK CHEQUE NO:977667 - RAJAKUMAR	35000
TOTAL			226250

BRAIN TUMOR DETECTION AND CLASSIFICATION

This agreement is entered into as of the 28 day of December, 2019 BETWEEN

SETHU INSTITUTE OF TECHNOLOGY
(Hereafter known as "Developer")

With its place of business for the purpose of this agreement at
Pullor, Kariapatti, Tamilnadu – 626 115.

– AND –

BIONIC BIO MEDICAL SYSTEMS
(Hereafter known as "Client")
With its place of business for the

Purpose of this agreement at
Chennai, Tamilnadu.

WHEREAS

The Developer and the Client wish to set out the conditions between the parties in order to commence the project assistance, design and development services to the Client. NOW THEREFORE, the Developer and the Client agree as follows:

1. DEFINITIONS

1.1. "Developer" refers to Sethu Institute of Technology, its agents and authorized representatives which are also referred to using "we", "us", "our" and "ours".

1.2. "Client" refers to Bionic Bio Medical Systems, Chennai, its agents and authorized representatives which are also referred to using "they", "them", "their" and "theirs".

registered letter, the Developer shall have the right to retain the original deposit. If an amount remains delinquent 30 days after its due date, an additional 5% penalty will be added for each month of delinquency.

6. CONTENT OWNERSHIP

Copyright to the finished assembled work of web pages produced by the Developer shall be vested with the Client upon final payment for the project. This ownership is to include design, photos, graphics, source code, work-up files, text, and any program m(s) specifically designed or purchased on behalf of the Client for completion of this project.

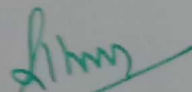
7. COPYRIGHTS AND TRADEMARKS

The Client represents to the Developer and unconditionally guarantees that any elements of text, graphics, photos, designs, trademarks, or other artwork furnished to the Developer for inclusion in the Client's web site are owned by the Client, or that the Client has permission from the rightful owner to use each of these elements, and will hold harmless, protect, and defend the Developer and its subcontractors from any claim or suit arising from the use of such elements furnished by the Client.

IN WITNESS WHEREOF the undersigned have executed this Agreement as of the day and year first written above. The parties hereto agree that facsimile signatures shall be as effective as if originals

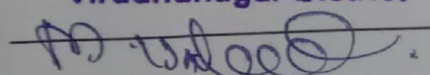
Sethu Institute of Technology
Virudhunagar

Bionic Bio medical
Systems, Chennai

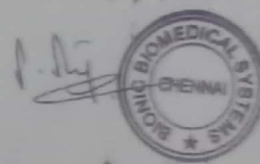

Dr. A. Senthil Kumar
Principal

Dr. A. Senthil Kumar
PRINCIPAL

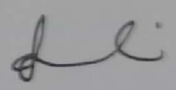
SETHU INSTITUTE OF TECHNOLOGY
Pulloor, Kariapatti - 626 115,
Virudhunagar District

Witness: 

HEAD OF THE DEPARTMENT
Electronics & Communication Engg.
Sethu Institute of Technology,
Pulloor, Kariapatti - 626 115,
Virudhunagar District.



Mr. S. Sivaraj
Proprietor

Witness: 

PROFESSOR
DEPT. OF ECE
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
Virudhunagar District

CONSULTANCY WORK DONE FOR BIONIC BIOMEDICAL SYSTEMS, CHENNAI

APPENDIX A

Details of the Project

The major contributions of our work are:

- (1) A new dataset for 500 high-grade glioma (HGG) and 100 normal MRI scan images are collected and a separate dataset is created.
- (2) U-Net architecture and U-net based densenet architecture with auto-encoder for feature mining is proposed for brain tumor segmentation and classification process.
- (3) Comparison of accuracy for both architectures.

APPENDIX B

Cost Estimate and Payment Schedule

Details	Fund
Initial Database collection & submission of Initial stage Results	20,000/-
Second Stage result Submission	20,000/-
Total	40,000/-



SETHU EDUCATIONAL TRUST
SIT, CAMPUS, PULLOOR
KARIAPATTI-626106
VIRUDHUNAGAR DISTRICT
Ph.No.04566-229706 (Four Lines)
E-Mail : accounts@sethu.ac.in

Receipt Voucher

No. : 957

Dated : 18-Sep-2020

Particulars	Amount
Account : ECE Dept - R	50,000.00

through :

IOB - Principal A/c No: 254601000005555

In Account of :

being consultancy amount received through Online

amount (in words) :

Indian Rupees Fifty Thousand Only

Rs 50,000.00

Authorised Signatory

Tumor Identification in Brain MRI Images

This agreement is entered into as of the 28 day of December, 2019 BETWEEN

SETHU INSTITUTE OF TECHNOLOGY

(Hereafter known as "Developer")

With its place of business for the purpose of this agreement at
Pullor, Kariapatti, Tamilnadu – 626 115.

– AND –

KUMARAN SCANS

(Hereafter known as "Client")

With its place of business for the

Purpose of this agreement at
Ramnad, Tamilnadu.

WHEREAS

The Developer and the Client wish to set out the conditions between the parties in order to commence the project assistance, design and development services to the Client. NOW THEREFORE, the Developer and the Client agree as follows:

1. DEFINITIONS

- 1.1. "Developer" refers to Sethu Institute of Technology, its agents and authorized representatives which are also referred to using "we", "us", "our" and "ours".
- 1.2. "Client" refers to Kumaran scans, Ramnad its agents and authorized representatives which are also referred to using "they", "them", "their" and "theirs".

an amount remains delinquent 30 days after its due date, an additional 5% penalty will be added for each month of delinquency.

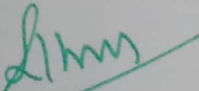
6. CONTENT OWNERSHIP

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7. COPYRIGHTS AND TRADEMARKS

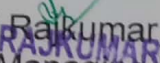
The Client represents to the Developer and unconditionally guarantees that any elements of text, graphics, photos, designs, trademarks, or other artwork furnished to the Developer for inclusion in the Client's web site are owned by the Client, or that the Client has permission from the rightful owner to use each of these elements, and will hold harmless, protect, and defend the Developer and its subcontractors from any claim or suit arising from the use of such elements furnished by the Client.


IN WITNESS WHEREOF the undersigned have executed this Agreement as of the day and year first written above. The parties hereto agree that facsimile signatures shall be as effective as if originals

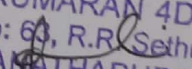

PRINCIPAL
Sethu Institute of Technology
Virudhunagar
PULLOOR, KARIAPATTI - 626 115
VIRUDHUNAGAR (Dt)

Dr.A.Senthilkumar
Principal

KUMARAN SCANS
Ramnad


Dr.T.Rajkumar, MBBS, DMRD
Managing Director
Consultant Radiologist
Regd. No: 55943.
KUMARAN 4D SCAN
Plot No: 63, R.R. Sethupathy Nagar,
RAMAKATHAPURAM-623 501.

Witness: 

Witness: 

HEAD OF THE DEPARTMENT
Electronics & Communication Engg.
Sethu Institute of Technology,
Pulloor, Kariapatti - 626 115,
Viruthunagar District.

PROFESSOR
DEPT. OF ECE
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115
Virudhunagar District

CONSULTANCY WORK DONE FOR KUMARAN SCANS

APPENDIX A

Details of the Project

The major contributions of our work are:


- (1) A new brain dataset of 350 tumor and 150 normal MRI scan images are collected and a separate dataset is created.
- (2) Hybrid semantic segmentation architecture is proposed for brain tumor segmentation and classification process.
- (3) Performance analysis of proposed method.

APPENDIX B

Cost Estimate and Payment Schedule

Details	Fund	Status
Database collection & submission of final Results	35,000/-	Received
Total	35,000/-	

CONSULTANCY WORK AMOUT PROOF FOR KUMARAN SCANS

 **SETHU EDUCATIONAL TRUST**
SIT, CAMPUS, PULLOOR
KARIAPATTI-626106
VIRUDHUNAGAR DISTRICT
Ph.No.04566-229706 (Four Lines)
E-Mail : accounts@sethu.ac.in

Receipt Voucher

Dated : 12-Oct-2020

Particulars	Amount
1068 ount : ECE Dept - R	35,000.00
ough : IOB - Principal A/c No: 254601000005555 Account of : being consultancy amount received through R. Tamilselvi. ount (in words) : Indian Rupees Thirty Five Thousand Only	Rs 35,000.00

Authorised Signatory

MEMORANDUM OF UNDERSTANDING

BETWEEN

**SETHU INSTITUTE OF TECHNOLOGY,
Pulloor-626115, Kariapatti(TK),
Virudhunagar District,
Tamil Nadu.**

AND

**JOTHI ELECTRICAL INDUSTRIES
No 2, R C Street, Pazhanganatham,
Madurai - 625003,**

6. Assisting in Placement of students as apprentice trainers and job opportunity

7. Any other activities that are deemed fit

The specific activities and cost of the same would be worked out in detail, keeping in mind, the interest of both Sethu Institute of Technology and Jothi Electrical Industries within the overall objectives of the program on a "No Profit No Loss" basis.

For smooth conduct of activities under this MoU, a steering committee is framed as under:

Mr.A.Eswaran

Proprietor

Jothi Electrical Industries

And

Mr.S.Mohamed Jaleel

Founder and Chairman,

Sethu Institute of Technology

Member: Dr. A. SRINIVASAN, Sethu Institute of technology
Prof & Head / EEE

Dr. B. MEENAKSHI SUNDARAM, Sethu Institute of technology
Prof & Pg Head / EEE

Mrs. G. SOUNDRADEVI, Sethu Institute of technology
Associate Professor

V. KANNAN, Sethu Institute of technology
Asst. Professor

Member: R. LAKSHMANAN, Jothi Electrical Industries
Electrical Engg

C. SARAVANAN, Jothi Electrical Industries
Technician

D. MURUGAN, Jothi Electrical Industries
WINDER

W. RAMESH, Jothi Electrical Industries
Technician

The steering committee will meet in the Office of Jothi Electrical Industries once in a quarter to discuss the activities envisaged under this MoU.

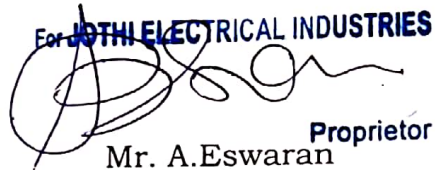
The terms of Memorandum of Understanding (MoU) can be modified with mutual concurrence to suit the changing needs of the future as when such changes are warranted.

The Memorandum of Understanding initially covers a three years period **2019-2022** (July – June year), which may be extended thereupon by entering into appropriate agreement to the effect. In case either of the parties decides to terminate the agreement before the said period, one month advance notice is to be given.

Executed on 30-08-2019 at Madurai.



Mr.S.Mohamed Jaleel,
Founder and Chairman,
Sethu Institute of Technology
FOUNDER & CHAIRMAN
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115.



For **JOTHI ELECTRICAL INDUSTRIES**
Proprietor

Mr. A.Eswaran
Proprietor
Jothi Electrical Industries

1. Witness

R. LAKSHMANAN
Electrical Engineer.

2. Witness

Dr. A. SRINIVASAN
Professor & Head IETE
Sethu Institute of Technology
Kariapatti.

GUEST LECTURE FOR THE STUDENTS ON THE TOPIC “EMPLOYABILITY SKILLS “

Souvenir and Magazine Release, Guest Lecture on Employability Skills



Dignitaries on the Dias



The Chief Guest delivering the lecture

Our EEE Department has released souvenir and Magazine EESORFEST'16 on 07.04.2016. Our Head of the Department Dr. M. Santhi delivered the welcome address in the inaugural function. Dr. A. Senthil Kumar, Principal, Sethu Institute of Technology felicitated the gathering. The Chief Guest was Mr.A.Eswaran, Proprietor, Jothi Electrical Industries, Madurai. On the same occasion Guest Lecture on the topic “Employability Skills” was delivered to the students by Mr.Anand Dhayala Guru, Director, 3W Technologies Karaikudi. The program was Co-ordinated by Mr.G.Varathan AP/EEE.

PLACEMENT GIVEN TO OUR STUDENTS IN JOTHI ELECTRICALS

OFF CAMPUS PLACEMENT DRIVE

"The future belongs to those believe in the beauty of their dreams"

Likewise students dreams came true by the efforts taken by the Department. EEE Department jointly in association with Placement cell has organized a off campus drive on 26.03.2018. The company visited is **Jothi** Eletricals, Madurai. The Organizers were Dr.A.Srinivasan Prof & Head/EEE, Mr.V.Kannan AP(SG)/EEE, Mr.Mohamed alladueen AshiqAP/EEE



Students placed in Jothi Electricals

SUGGESTION FOR COURSE DESIGN FOR EEE DEPARTMENT WAS GIVEN BY JOTHI ELECTRICALS INDUSTRY

Date: 12.01.2020

From

Mr.A.Eswaran
Proprietor,
Jothi Electrical Industries,
Madurai.

To

Dr.A.SRINIVASAN
Professor & Head,
Department of Electrical and Electronics Engineering
Sethu Institute of Technology,
Pulloor, Kariyapatti - 626 115

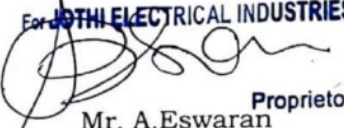
Respected Madam

Sub: Acceptance to frame syllabus - Reg.

I take immense pleasure to frame syllabus for regulation 2021 on “**Electrical Rewinding Laboratory**” for under graduate Electrical and Electronics Engineering students. The framed syllabus is attached herewith.

Thank you

Yours Truly


For **JOTHI ELECTRICAL INDUSTRIES**
Mr. A.Eswaran Proprietor
Proprietor
Jothi Electrical Industries

MEMORANDUM OF UNDERSTANDING

BETWEEN

**SETHU INSTITUTE OF TECHNOLOGY,
Pulloor-626115, Kariapatti(TK),
Virudhunagar District,
Tamil Nadu.**

AND

**MEGH NEEL RENEWABLE POWER SYSTEMS PRIVATE LIMITED
2/19, Elite Avenue, Near Sivaram Nagar,
Ganapathy, Coimbatore,
Tamil Nadu, India - 641006**

DRAFT OF MEMORANDUM OF UNDERSTANDING

This **Memorandum of Understanding** is executed between the Management of Sethu Institute of Technology ,Kariapatti

AND

Megh Neel Renewable Power Systems Private Limited, Coimbatore

About Sethu Institute of Technology

Sethu Institute of Technology is one of the premier institutes in TamilNadu approved by AICTE New Delhi, and affiliated to Anna University, Chennai. The college has been granted Autonomous Status by UGC, NewDelhi under UGC Act 1956. The college is offering 9 UG Programme and 5 PG Programme in the field of Engineering with the strength of 4800 students. National Assessment and Accreditation Council (NAAC) awarded 'A' Grade for the Institution with Second highest CGPA among the Engineering Colleges in the southern region of TamilNadu. The Department of Mechanical, ECE, CSE,EEE and IT are going for NBA Re-accreditation during this Academic year. Department of EEE, Mechanical, CSE, ECE, CIVIL and Physics have been recognized as research centers by Anna University, Chennai.

The College which is located on Madurai - Tuticorin National Highway (NH 45B), Pulloor, Kariapatti, Virudhunagar District is just 12 KM away from Madurai airport. The campus is spread over a sprawling land of 132 acres providing a tranquil and right learning ambience for aspiring students.

About Megh Neel Renewable Power Systems Private Limited

Our company Megh Neel Renewable Power Systems Private Limited was founded in Aug 2011 to address the growing need for green technologies. Our company is registered in India and wholly owned by Indians / Non Resident Indians.

The primary objectives of the company are

- i) Meet energy requirements through clean energy generation technologies and thereby reduce dependency on existing technologies that severely impact the environment.
- ii) Bring green technologies to the mainstream by making them reliable, affordable and competitive when compared to existing technologies.

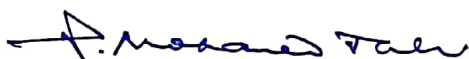
Our primary social objective is to provide employment opportunities (direct / indirect through local outsourcing). We intend to increase this scope in the near future.

The steering committee will meet in the Office of Megh Neel Renewable Power Systems Pvt Limited once in a quarter to discuss the activities envisaged under this MoU.

The terms of Memorandum of Understanding (MoU) can be modified with mutual concurrence to suit the changing needs of the future as when such changes are warranted.

The Memorandum of Understanding initially covers a three years period **2019-2022** (July – June year), which may be extended thereupon by entering into appropriate agreement to the effect. In case either of the parties decides to terminate the agreement before the said period, one month advance notice is to be given.

Executed on 30/7/19 at Coimbatore.



Mr.S.Mohamed Jaleel,
Founder and Chairman,
Sethu Institute of Technology

FOUNDER & CHAIRMAN
SETHU INSTITUTE OF TECHNOLOGY
PULLOOR, KARIAPATTI - 626 115.

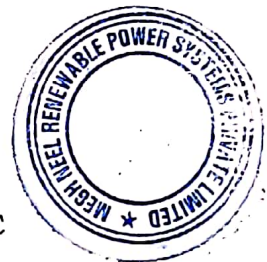


Mr.Navin C.C


Founder & Managing Director

Megh Neel Renewable

Power Systems Private Limited



1. Witness

NISHANTH. C 
[ELECTRONICS DESIGN
ENGINEER]

2. Witness

Dr. A. SRINIVASAN
Professor & Head I EEE
Sethu Institute of Technology
Kariapatti - 626 115.

**GUEST LECTURE GIVEN TO THE STUDENTS ON TITLE
“MOTORS IN ELECTRICAL VEHICLES**

**EESOR Association Inauguration and
Guest Lecture on “Motors in Electrical Vehicles”**



HoD Honoring the Chief Guest with memento

Department of Electrical and Electronics Engineering has organized an inaugural function of EESOR Association and Guest Lecture on “Motors in Electrical Vehicles” on 13.09.2019. Our Head of the Department Dr.A.Srinivasan delivered the welcome address. Dr.A.Senthil Kumar, Principal, Sethu Institute of Technology delivered the felicitation address. The Resource Person Mr.C.C.Navin, Managing Director, Megh Neel Renewable Power System, Coimbatore delivered the lecture for students of second year and final year. The Program was co-ordinated by Dr.B.Meenakshi Sundaram, Associate Professor/EEE and Mr.C.Shiva Asst.Prof/EEE.

MEMORANDUM OF UNDERSTANDING

BETWEEN



UNIVERSITI TELEKOM SDN. BHD.
(Company No. 436821-T)
(Registered owner of **Multimedia University**)

AND



SETHU INSTITUTE OF TECHNOLOGY

THIS MEMORANDUM OF UNDERSTANDING ("MoU") is made on 30-10-2019
("Effective Date")

BETWEEN

UNIVERSITI TELEKOM SDN BHD (Company No. 436821-T), a company duly incorporated under the Malaysian Companies Act 1965 (which has been repealed and superseded by the Malaysian Companies Act 2016) and remains validly incorporated under the Malaysian Companies Act 2016 and having its registered office at Level 51, North Wing, Menara TM, Jalan Pantai Baharu, 50672 Kuala Lumpur (hereinafter referred to as **UTSB**) of the one part;

AND

SETHU INSTITUTE OF TECHNOLOGY is an educational institution whose registered office is at Pulloor, Kariapatti 626115, Viurudhunagar district, Tamilnadu, India (hereinafter referred to as **SIT**) of the other part.

UTSB and SIT shall collectively be referred to as the "**Parties**" and individually as the "**Party**".

WHEREAS: -

- A. UTSB is the registered owner of Multimedia University ("MMU"), a private university registered under the Malaysian Private Higher Educational Institutions Act 1996, which offers tertiary level education and training in the areas, amongst others, multimedia technology, engineering, information technology, creative multimedia & business management and has the expertise and the capability to provide management, research and development, consultancy services and advancement of technology in the education industry. Reference to "UTSB" and "MMU" shall be used interchangeably, wherever appropriate.
- B. SIT is an autonomous educational institution which offers tertiary level education in the areas such as engineering and technology. SIT is affiliated to Anna University Chennai and an approved educational institution by All Indian Council for Technical Education (AICTE).
- C. The Parties hereto wish to explore potential academic collaboration opportunities as further described in Paragraph 2 below ("**Project**").
- D. The Parties acknowledge that as a first step in understanding the opportunities available for the Project, the Parties wish to record their current basic understandings, principles and terms in this MoU.

NOW THEREFORE, the Parties agree to describe herein the mutual intent and understandings of the Parties in pursuit of the objectives for the Project, as follows: -

1. DURATION

This MoU shall become effective as of the Effective Date and shall continue in effect until (a) the definitive agreement ("**Definitive Agreement**") is finalized and signed by the Parties or (b) a date that is twenty four (24) months from the Effective Date, whichever is earlier.

2. INTENTION OF THE PARTIES

- 2.1 The intention of the Parties to this MoU is to: -

2.1.1 work together in good faith to examine and determine the feasibility in relation to the following areas: -

- (a) Teaching and research development collaboration;
- (b) Mobility/exchange programme; e.g. semester study abroad, internship, study visit, etc;
- (c) Development of study pathways including curriculum mapping and credit transfer;
- (d) Faculty staff mobility including e.g. guest lecture or co-lecture;
- (e) Joint organization of International conferences.

2.1.2 to establish a joint working team, if necessary, to effectively and efficiently examine the feasibility of the Project.

3. NON BINDING OBLIGATIONS

This MoU is intended to be a summary of the current intentions and understandings of the Parties with respect to the Project as reflected in discussions between the Parties' representatives to date, and it is expressly understood that: -

- (a) this MoU is not intended to, and does not, constitute a legally binding obligation or an agreement to enter into any financial or other arrangement or any agreement; and
- (b) except for Paragraphs 3, 6, 7, 8, 9, 11, 12 and 13 of this MoU, which shall be binding on the Parties hereto, other provisions of this MoU is mutually non-binding.

4. OBTAINING APPROVALS AND LICENSES

The implementation by the Parties of this MoU may be contingent upon obtaining and the continuance of such approvals, consents, authorizations, licenses and permits from the appropriate governments, statutory and regulatory authorities, as well as the internal corporate approvals, as may be required or deemed to be necessary by the Parties and as may be satisfactory to them. The Parties shall use all reasonable efforts to obtain and to have continued in effect approvals, consents, authorizations, licenses, permits and other requirements.

5. AGREEMENT PRINCIPLES

- 5.1 It shall be the objective of the Parties to produce the Definitive Agreement containing such terms and conditions governing the Projects as shall be mutually agreeable to the Parties.
- 5.2 Each Party will be responsible for its own expenses during the discussions in connection with this MoU, and all discussions shall be done in good faith for the mutual benefit of both Parties involved. Any action taken in reliance on the understanding expressed in this MoU shall be at the Parties' own risk.

6. RELATIONSHIP

- 6.1 The relationship among the Parties shall not be that of partners. Nothing herein contained shall be deemed to constitute a partnership between and among them or merge their assets or their fiscal or other liabilities or undertakings.
- 6.2 Nothing contained herein shall allow SIT to act as an agent of UTSB or all Parties, except to the extent expressly permitted hereunder and nothing herein contained shall be deemed to constitute a joint venture, partnership or other formal business entity of any kind among them.

7. CONFIDENTIALITY

- 7.1 All information exchanged between Parties in connection with this MoU or during discussions preceding this MoU are **CONFIDENTIAL** to them and shall not be disclosed to any third party during the period of this MoU ("**Confidential Information**") thereafter except:
- (a) with the written consent of the other Party;
 - (b) if required by law to be disclosed;
 - (c) in connection with legal proceedings by authority of a court of competent jurisdiction; or
 - (d) if the information is or becomes generally and publicly available but not as a result of breach by either Party and/or the employees of its respective subsidiaries, parent or related companies as aforesaid, of its obligations under this MOU.
- 7.2 Disclosure of any Confidential Information to the employees of either Party's subsidiary, parent or related companies (as defined under the Malaysia Companies Act, 2016) ("**Related Companies**") is permitted provided it is necessary for the purposes of performing that Party's obligations under this MoU. Notwithstanding the aforesaid, the Party receiving any Confidential Information shall ensure that any of its employees to whom Confidential Information is disclosed shall undertake to observe the confidentiality undertakings in this MOU. The Party receiving the Confidential Information shall protect all Confidential Information of the disclosing Party using not less than the standard of care in which it treats its own confidential information (but no less than a reasonable care in the circumstances) and shall ensure that the Confidential Information is stored and handled in such a way as to prevent unauthorised disclosure.
- 7.3 The obligation of confidentiality herein shall survive the termination of this MOU and remain binding on the Parties without limitation of time.

8. WITHDRAWAL

Notwithstanding the generality of the provisions stipulated herein, any Party may withdraw from this MoU at any time by giving fourteen (14) Business Days written notice to the other Party without assigning any reasons, PROVIDED ALWAYS THAT the withdrawing Party shall be bound by the Confidentiality provisions as set forth in Paragraph 7 herein.

For the avoidance of any doubt, any reference to "**Business Day**" in this MoU shall mean any day other than a Saturday or Sunday or public holiday in Malaysia or India;

9. NOTICES

- 9.1 A notice or other communication under or in connection with this MoU (a "**Notice**") shall be:
- a. in writing;
 - b. in the English language; and
 - c. delivered personally or sent by first class post (and air mail if overseas), fax or e-mail to the party or parties due to receive the Notice to the address set out in paragraph 9.3 or to an alternative address, e-mail address, person or fax number specified by that party by not less than seven (7) days' written notice to the other parties, received before the Notice was despatched.
- 9.2 Unless there is evidence that it was received earlier, a Notice is deemed given if:
- a. delivered personally, when left at the address referred to in paragraph 9.3 below;
 - b. sent by mail, except air mail, two (2) Business Days after posting it;

- c. sent by air mail, six (6) Business Days after posting it;
- d. sent by fax, when confirmation of its transmission has been recorded by the sender's fax machine; and
- e. sent by e-mail, when the recipient, by an e-mail sent to the e-mail address for the sender stated in paragraph 9.3 or by a notice delivered by another method in accordance with this Paragraph 9, acknowledges having received that e-mail, *provided*, an automatic "read receipt" does not constitute acknowledgment of an electronic mail for purposes of this paragraph 9.2.

9.3 The addresses referred to in paragraph 9.2 above are:

Name of party	Address	Fax number/ e-mail address	Marked for the attention of
UTSB- Universiti Telekom Sdn Bhd	Cyberjaya Campus, Persiaran Multimedia,63100 Cyberjaya, Selangor,Malaysia	ckho@mmu.edu.my	Prof Dr. Ho Chin Kuan (Vice President Academic and Internationalisation)
SIT –Sethu Institute of Technology	Pulloor, kariapatti, virudhunagar district 626115, Tamilnadu, India	+9104566308000	Dr.A.Senthil Kumar Principal

10. INTELLECTUAL PROPERTY RIGHTS

- 10.1 All existing intellectual property rights of any Party, including any development, adaptation, modification or derivative rights shall belong and remain with such Party. Nothing in this MoU shall transfer or assign such intellectual property rights of UTSB to the SIT and vice versa.
- 10.2 Nothing in this MoU is intended to grant any intellectual property rights to the SIT and vice versa.
- 10.3 This paragraph 10 shall survive the termination of this MoU for any reason whatsoever.

11. FURTHER UNDERTAKINGS

Each Party hereby covenants and undertakes to perform their respective obligations and to act at all times in good faith in implementing this MoU.

12. AMENDMENTS AND VARIATIONS

Wherever it becomes necessary, this MoU may be varied or amended by mutual agreement in writing by the Parties and such variations or amendments shall be part of this MoU.

13. GOVERNING LAW

This MoU will be governed by and construed in accordance with the laws of Malaysia and the Parties irrevocably submit to the exclusive jurisdiction of the courts of Malaysia.

14. COUNTERPART

This MoU may be executed in several counterparts, each of which shall be deemed an original and all of which shall constitute one and the same instrument, and shall become effective when

counterparts have been signed by each of the Parties and delivered to the other Party; it being understood that all Parties need not sign the same counterparts.

15. LIMITATION OF LIABILITY

In no event shall either Party be liable to the other for any damages whatsoever including, without limitation, direct, indirect, speculative, incidental, special or consequential damages in connection with performance under this MoU.

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Vice President Academic and Internationalisation

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A. K. M. A. T. V.

S.Mohamed Jaleel
Founder and Chairman

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Dr. A. Senthil Kumar
PRINCIPAL

SETHU INSTITUTE OF TECHNOLOGY
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Virudhunagar District

Epileptic EEG signal classifications based on DT-CWT and SVM classifier

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Submitted : 10/05/2020

Revised : 04/02/2021

Accepted : 22/02/2021

ABSTRACT

Contamination in human cerebrum causes the mind issue, which is epilepsy. The contaminated territory in the cerebrum area creates the unpredictable example signals as focal signs, and the other sound locales in the mind produce the standard example signals as nonfocal sign. Henceforth, the discovery of focal signs from the nonfocal signs is significant for epileptic medical procedure in epilepsy patients. This paper proposes a straightforward and proficient technique for Electroencephalogram (EEG) signals orders utilizing Support Vector Machine (SVM) classifier. The exhibition of the proposed EEG signals characterization framework is assessed for Sensitivity, Specificity, and Accuracy.

Keywords: Epilepsy; Focal; SVM; Neural networks; Epileptogenic area.

INTRODUCTION

The headache, stroke, and Alzheimer's diseases are the notable issues in the human brain. In this arrangement of clutters, epilepsy is another sort of cerebrum issue, which haphazardly happens in huge populace nations. Epilepsy is a typical neurological issue influencing youngsters and grown-ups. Early determination and treatment have been related with diminishing bleakness and mortality. This is particularly if the kind of epilepsy has been affirmed, and proper administration has been started. EEG keeps on being the highest quality level recognition strategy. The signs, which are procured by EEG sensor, are nondirect and complex in its tendency. Consequently, it is extremely convoluted cycle to distinguish and separate the moment changes in acquired EEG signals (Karthik et al. 2020).

The cathodes are set on the scalp of the human head, and EEG signals are caught through various channels. The signs that are caught from the epileptogenic territory are called focal EEG signals, and the signs that are caught from the other piece of the epileptogenic region are called non-ocal EEG signals. In this way, it gets essential for an automatic recognition and characterization framework to be proposed for the focal and non-focal EEG signs to continue with epileptic medical procedure and further treatment. Epileptic seizures create abnormal functionalities in the brain region, and they are captured from the brain, and the identification of focal and nonfocal