

Memorandum of Understanding

Between

Vel Tech Dr. RR & Dr. SR Technical University

Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology

A Deemed University u/s 3 of UGC act 1956, having its principal address at

#42, Avadi Vel Tech Road, Avadi, Chennai – 600062, India.



VEL TECH[®]

Dr.RR & Dr.SR

TECHNICAL UNIVERSITY

University u/s 3 of UGC Act, 1956

Avadi, Chennai. INDIA

ACCREDITED BY NAAC WITH 'A' GRADE

And

Modem Communication and Broadcast Systems (MCBS)

A society under Registration act 1860, located at B - 138/139, GIDC,

ElectronicsZone, Sector25, Gandhinagar - 382044, Gujarat, India



Vel Tech Dr. RR & Dr. SR Technical University (Vel Tech Rangarajan Dr. Sagunthala R&D Institute of Science and Technology) a Deemed University located at # 42 & 60, Avadi - Veltech Road, Chennai, Tamil Nadu (hereinafter referred to as VEL TECH) represented by its Founder Chancellor & President Col.Prof.Dr.Vel.R.Rangarajan

And

Modem Communication and Broadcast Systems a society under Registration act 1860, located at 13 - 138/139, GIDC Electronics Zone, Sector 25, Gandhinagar - 382044, Gujarat, India, (hereinafter referred to as MCBS) represented by its Chairman Mr. G. C. Jain have on this 13th day of June 2016 entered into this agreement in continuing with the previous agreement signed on 24th February 2016. This agreement witnessed as follows:

The two institutions recognize that:

1. **VEL TECH** accredited by National Assessment and Accreditation Council with 'A' Grade has a pool of qualified faculty capable of imparting theoretical knowledge in various fields of engineering and allied engineering subjects. It has also excellent infrastructure with state of art facilities like CDIO (Conceive-Design-Implement-Operate) Lab, Automotive Electronics and Embedded System Lab, Dassault PLM Software with CATIA, PROE and SIMULA packages for design, Virtual Instrumentation Lab set with the latest software "LABVIEW" of NI, CAD/CAM, Mechatronics, Engine Testing, Fuels and Lubricants, Two and Three wheeler, Fluid Mechanics, Thermal Engineering, Strength of Materials, Dynamics, Metrology and Measurements, Advanced VLSI, Embedded systems laboratories, Central library and computer centres. VEL TECH has also signed more than 190 Memorandums of Understanding with various research institutes, industries, and universities across the Globe for bilateral and multilateral exchange of resources and to set up Centre of Excellence in the field of Engineering and Technology.



A BRIEF PROFILE OF MCBS

1985-2015



From the desk of GC Jain
Chairman
MCBS Group of companies

■ ABOUT MCBS

Modern Communication & Broadcast Systems Pvt.Ltd. popularly known as "MCBS" is headquartered at Ahmedabad., Gujarat, India. Instituted in 1985 by professionals and technocrats having engineering experience of more than 20 years from India's pioneering space technology institutions. MCBS is in the service of Communication & broadcast industry, CCTV & Security systems since past 30 years.

■ MCBS ACHIEVEMENTS

- 30 years old company with a consistent track record of production, turnover, profit and Dividend payments.
- Developed a variety of Electronics Communication products in emerging areas of communication and Broadcasting namely CATV Headends, Direct to Home Systems, Close Circuit TV Systems, Set Top Box and Edusat Systems and Video-Audio products.
- MCBS has a track record of manufacturing and supplying more than 20,000 CATV Headends, 10.00 million DTH Antenna & Set Top Boxes, 50,000 Edusat systems and 2000 Video Audio Systems, Millions of amplifier & other products.
- MCBS has implemented more than 400 projects in the field of Communication and Broadcast field.
- MCBS has 'In House R&D Unit' since 2003 registered under DSIR developing all products indigenously.
- MCBS has a number of patents, product approvals, certifications, trade marks registrations for all products and processes.
- MCBS has a consistent track record of providing employment to more than 400 personal over the past 25 years.
- MCBS is registered as industry based Kaushalaya Vardhan Kendra (i-KVK) for free training under 'Skill India' programme.
- MCBS has trained more than 10,000 installers for CATV & DTH systems and 5000 engineers in various development projects under Inplant programme.
- MCBS is credited with several national and international awards for innovation in technology, product quality and growth in production and profits.

2. VEL TECH and MCBS agree to:

- ❖ In-Plant Training (IPT) every year at MCBS for one month for undergraduate and post graduate students of ECE, EEE, CSE and IT branch of Vel Tech in the following subjects.

- Embedded Systems
- Information Technology
- Satellite Communication

- Business Management and Project Management
- Advanced Technology
- Customized trainings in SATCOM, DTH, CATV and IPTV

The programme is specifically designed to meet the needs of latest technologies in Communication and Information Systems.

- ❖ **Internship for final year UG and PG Students.** For this, **MCBS** will identify Real Time projects in different areas for Vel Tech students from ECE, EEE, CSE and IT and from School of management (the distribution among the branches will be made available well in advance to **VEL TECH**) so that the selection of these students is completed at least two weeks prior to commencement of Projects at **MCBS**.
- ❖ Both the parties can include their name in advertisement.
- ❖ **Guest Lectures** by experts of **MCBS** on areas of their specialization.
- ❖ **MCBS** will assist the **VEL TECH** by providing inputs to curriculum design to improve their relevance to the needs of the industry by nominating an expert to join the appropriate **Board of Studies of the University**.
- ❖ **VEL TECH** in consultation with **MCBS** will identify areas of research in contemporary technology appropriate to the respective products manufactured by them. Work that is done by the University on behalf of the Industry will be treated in confidence between the two parties and any intellectual property that may be developed out of such collaborative work will be held jointly by both the parties.
- ❖ **Joint Seminars / Workshops / Conferences**
- ❖ **Placement** of ECE, EEE, CSE, IT Engineers and Management students subject to their suitability by a selection team of **MCBS**.

3. Validity:

This agreement will be in effect initially for a period of 5 years from the date of signing of this MOU by both the parties and will be renewed further if mutually agreed. Either party may terminate the agreement by written letter signed by the appropriate official of the Institution initiating the notice. Such notice must be received by the other party three months prior to the effective termination date. However, obligations and commitments already contracted for

and involving their parties shall be honored and continued by both parties until such commitments are completed

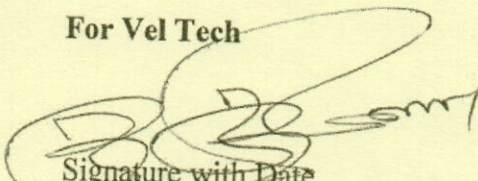
4. Settlements of dispute and arbitration:

Any dispute or difference arising out of this MoU shall in the first instance be amicable settled / resolved between Vel Tech and MCBS within 30 days of reference of dispute.

Any such dispute that could not be settled by mutual discussion as above within 30 days after receipt of a notice from either party raising the dispute to the other, shall be finally settled by Arbitration by appointing a Sole Arbitrator within 30 days jointly be the Chairman, MCBS, Gandhinagar and the Founder President, Vel Tech. In case of failure of the parties to agree on a Sole arbitrator within 30 days of either party notifying the other parties of its intention of invoke arbitration each party shall nominate arbitration and two arbitrators so nominated shall appoint third Arbitrator. The Arbitration and Conciliation Act, 1996, Shall govern arbitration. The Arbitration shall give reasoned award, which shall be final and binding. The courts of Chennai or Gandhinagar shall have the exclusive jurisdiction in all matters under these presents.

In witness whereof, the parties hereto caused this instrument to be executed as of the day, month and the year indicated below:

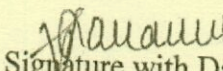
For Vel Tech


Signature with Date

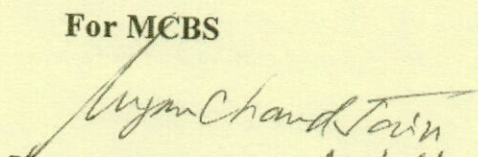
Col. Prof. Dr. Vel. R. Rangarajan
Founder Chancellor & President

Witness 1

Name: Dr P SARASU


Signature with Date

For MCBS


Signature with Date 13/06/16

Mr. G. C. Jain
Chairman

Witness 1

Name:

Signature with Date



Vel Tech

Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Date: 10th Feb 2022

MOU signed with MCBS

MOU Number	MOU -206
Name of the Organization	Modem Communication and Broadcasr Sysstems(MCBS), Gujarat
Date of signing of MoU	20.06.2016
Next renewal due on	19.06.2021
Objectives of MoU	1. Students IPT&Project 2. Joint M.Tech Program 3. Joint Research

MoU Outcome

Academic Year	Outcome	Training Duration
2017-18	3 students from ECE final year has completed project	02.01.2018 to 30.04.2018

Dean Industry Relations & TBI

MoU Coordinator

No.42,Avadi-Vel Tech Road,Vel Nagar,
Avadi, Chennai - 600 062,Tamil Nadu, India.
Landline : +91 44 2684 0262 / 2684 0605
Toll Free : 1800 212 7669
Email : registrar@veltech.edu.in
Website : www.veltech.edu.in



CERTIFICATE

is to certify that following students pursuing B.Tech four Year Degree Programme in Electronics and Communication have successfully completed their Internship/Project in our company from 01/01/2018 to 06/04/2018. The Title of Project was WEATHER MONITORING SYSTEM USING IoT.

College: Veltech Rangrajandr. Sanguthala R & D Institute of Science and Technology, Chennai

Sonu Kumar (VTU5022)

Harshit Kansara (VTU 5861)

Reddy Akshay Pandurang (VTU 6615)

During the period of Internship they found sincere towards their work schedule. Their performance during training rated excellent. We wish them very bright future.

For M C B S PVT LTD

[Signature]

R Manager
R Department



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