MoU No 139

Memorandum of Understanding (MoU)

Between

VelTech Dr RR & Dr SR Technical University

(Vel Tech Rangarajan Dr.Sakunthala R&D Institute of Science & Technology)

[University u/s 3 of UGC Act, 1956]

and

TRACTORS AND FARM EQUIPMENT LIMITED

(A Member of Amalgamation Group)

VELTECH Dr. RR & Dr. SR Technical University (hereinafter referred to as VELTECH) and Tractors and Farm Equipment Limited (hereinafter referred to as TAFE); Both the parties, VELTECH and TAFE (hereinafter jointly referred to as Parties), are hereby entering into this Memorandum of Understanding (hereinafter referred to as MoU), on **23rd August 2012** (hereinafter referred to as Effective Date), for conducting M.Tech Programme in Automobile and Tractor Engineering in Part Time mode.

The Parties hereby establish a formal affiliation for the purpose of enhancing the relationship between the parties through the promotion and development of collaborative research programme, academic and cultural exchange programme and other cooperative activities and assistance in areas of mutual interest and benefit.

The Parties anticipate that such activities may include any or all of the following in general:

- Conducting jointly Graduate, Post Graduate and Doctoral Programme;
- Collaborative research and joint academic meetings; Development, organization and hosting of joint academic and cultural symposia, conferences, workshops and meetings;
- Exchange of information, advice and assistance relating to areas of mutual interest including, but not limited to, research activities, obtaining grants and funding, technology transfer and research commercialization, development of educational and training programme, staff retention and long range planning and institutional development; and
- Projects for final year Students, Industrial Visits to all the three units at Sembium, Bangalore and Madurai, Guest Lectures by experts of TAFE, In Plant training for short duration of one to two weeks, Campus Recruitment etc.
- Other activities of mutual benefit for the Parties.

Recognizing the need to develop a new generation of engineers to meet the demands of the Tractor industry, not just in India but across the globe both TAFE & VELTECH decided to commence an **M.Tech. Programme in Automobile & Tractor Engineering**. This M. Tech. programme will be offered in 6 semesters spread over a duration of 3 Years.

- The intake of students would be 25. This will include a minimum of 15 sponsored employees of TAFE and the remaining seats will be filled by a selection process by VELTECH along with TAFE as per existing norms.

The programme is designed to foster creativity, develop the ability and confidence to conceptualize and synthesize the automobile and tractor engineering technology. Through classroom and laboratory activities the knowledge shall be imparted to students on specialized subjects such as materials and heat treatments, strength of materials, manufacturing processes, principles of product design, vehicle dynamics, transmission, brakes & clutch systems, ergonomics, steering with specific reference to tractors, engines & accessories, hydraulics etc.

This agreement further witnesses that the programme module will have

- 6 semesters each of six months duration to cover up various Automobile and Tractor Engineering subjects as outlined in the syllabus in the form of lectures, tutorials, practicals, training and industrial visits etc in the first five semesters. It also includes elective subjects and Pre-Project Phase I work.
- Semester VI of six months duration is entirely dedicated for the project / thesis activity.
- Students would attend the first five semesters of course work at VELTECH, Chennai. The project work at VI semester will be carried out at TAFE for their employees, with their project guides from VELTECH, and TAFE.
- A three day refresher Course for every semester will be conducted apart from the regular classes.
- A Minimum attendance of 75% is required to become eligible to appear in the University examinations. In the event of a student discontinuing the course, the fee shall be adjusted by both parties while inducting a new student within a particular batch and the same cannot be adjusted with the future batch. Considering minimum attendance requirement, such changes shall be feasible only within 30 days from the date of commencement of the programme.
- The dissertation viva-voce examinations for the VI Semester would be conducted at VELTECH.
- Entry qualification required for admission to this programme would be minimum first class in Bachelors degree and additionally as specified by appropriate statutory authorities.
- The method of selection of students would be on par with other M.Tech. Programme run by VELTECH.
- The curriculum for these programmes would be evolved as per the academic norms of VELTECH & any other obligatory authorities and approved by the corresponding bodies. The approval for the course curriculum as per the standards requirements in India is sole responsibility of VELTECH.
- An Academic Council will be established to design / modify course curriculum and the evaluation procedure, which will be subsequently approved by the senate of VELTECH from time to time. Faculty from VELTECH, TAFE and members from automotive & allied industries (in India and abroad) and academia would be the part of the Academic Council.
- TAFE will extend all assistance in providing their lab Facilities relevant to the Curriculum for this post graduate programme for the following custom specific lab works to all students admitted for this Programme
    - Tractor Testing and Transmission
    - Soil Mechanics and Hitch Hydraulics
- TAFE shall help VelTech in Identifying Experts as Visiting Faculty in tractor related specialized areas/topics. VELTECH agrees not to engage faculty from Competitors of TAFE.
- FEE STRUCTURE for the programme is as specified in the Addendum "A".
- For the sponsored employees of TAFE the fees will be paid annually to VELTECH prior to commencement of each academic year.
- Successful candidates, on completion of the programme, would be awarded the degree by VELTECH University, Chennai.
- VELTECH and TAFE shall designate programme coordinators who may be assisted by an appropriate local committee responsible for coordinating the Programme.

Vel Tech and TAFE also agreed to carry out the following on mutually acceptable terms and conditions:

- Projects for final year Students: For this TAFE will identify Real Time projects in different areas.for 10 students from Mechanical, Automobile, Eectrical, Electronics, Instrumentation, branches of Engineering (the distribution among the branches will be made available well in advance to VELTECH so that the selection of these students is completed at least two weeks prior to commencement of Projects at TAFE. The first batch of students for Projects to

commence in Dec 2012. Students for the Projects will be selected by TAFE through a screening procedure in the campus of VELTECH University.

- Industrial Visits to all the three units at Sembium, Bangalore and Madurai.
- All these visits will be centrally coordinated by R&D HRD Sembium office. Date of visit and the batch size will be decided well in advance by mutual consultations.
- Guest Lectures by experts of TAFE.
- In Plant training for short duration of one to two weeks.
- Campus Recruitment as per the requirement of TAFE.
- Other activities of mutual benefit for the Parties.

R&D HRD will be the single point contact for all the above points covered in this MOU.

The Programme Coordinators are:
On behalf of VELTECH:

Mr.G.Sivakumar M.E., (Ph.D.), M.I.S.T.E.,
Head-Industry Programmes,
VELTECH Dr. RR & Dr. SR Technical University,
42, Avadi-VelTech Road, Avadi, Chennai - 600 062.
Tel: +91-44-26841622, Email: chancelloroffice@vel-tech.org

On behalf of TAFE:
Ms. S. Sumathi,
Asst.Manager –HR (R&D)
Tractors and Farm Equipment Limited,
Huzur Gardens,Sembiam
Chennai-600011

The Programme Coordinator(s) shall:

- Receive and evaluate present and future proposals to identify areas and enhance opportunities in which the two Parties might potentially collaborate and make recommendations on the feasibility and implementation of such proposals to their respective administrations. Any such collaboration will be formalized as addendum to this MoU upon approval by appropriate administrative authorities and will supervise the implementation of such cooperative programme.
- At appropriate intervals, arrange meetings of the Academic Council at a mutually convenient time & place and in a mutually convenient manner to discuss all aspects of the affiliation as described herein.

Intellectual Property:

- The parties recognize the intellectual property rights of each other in the materials to be delivered in connection with the programme to be carried out and agree not to publish without any written permission, any paper, file any patent / copyright, trademark, registration application in its own name

or in the name of its associates on any matter relating to the details supplied / disclosed by the other party, nor take any other action that may prejudicially affect such intellectual property rights.

- The ownership of the intellectual property rights in the work carried out under the Programme shall be mutually shared as agreed by this MoU. Neither VELTECH shall restrict TAFE nor TAFE shall restrict VELTECH from engaging in the same or similar activities with any third party. However, each Party shall inform the other Party of any other MoU executed by such Party with any other organization/ institute in connection with any activity that is substantially the same as the activity proposed to be undertaken under this MoU; provided that neither Party shall be required by this provision to breach any contractual obligation to any other person with respect to confidentiality.

This agreement would be in force for the first batch of TAFE employees and will be reviewed before the start of next academic batch. Any further extension or modification of the agreement can be done with mutual consent.

In case, one of the parties do not wish to continue the collaborations as stated in this MoU, a written notice of at least three months or until end of semester would be required. However, it shall be binding on both the parties to protect the interest of students admitted to the programme under this MoU.

General:

- This MoU benefits only the Parties and their permitted assigns.
- Neither party is an agent of, partner of, employee of, or joint venturer with the other. Neither party has the right to bind the other party to any third party, or to the fulfillment of any condition not expressed provided for herein, or to any agreement or obligation, expressed or implied, between the other party and third parties.
- No extension, alteration, modifications or additions to this MoU, nor any wavier of any of the terms hereof, shall be valid unless made in writing and signed by the authorized representative of the respective parties.
- This MoU shall in no way become hindrance for carrying out any activities not stated in the agreement by the parties in pursuance of their respective constitutions.

Notice:

Any notice, consent or other communication authorized or signed by authorized representative required to be given here under shall be deemed to be given (i) upon receipt if delivered by hand, if sent by overnight courier, Fax or Email, and (ii) upon receipt of a registered mail, airmail confirmation if sent through each

Party's national postal service and all notices shall be sent to the respective address of the Parties as mentioned herein or at such other address as either Party may notify to the other for use in the future.

Force Majeure:

Neither party shall be held responsible for non-fulfillment of their respective obligations under this agreement due to the exigency of one or more of the force majeure events such as but not limited to the acts of God, war, flood, earthquake, strikes, lockouts, epidemics, riots & civil commotion, provided on the occurrence and cessation of any such event the party affected thereby shall give a notice in writing to the other party within one month of such occurrence or cessation. If the force majeure conditions continue beyond six months, the parties shall jointly decide about the future courses of action.

Arbitration:

Any dispute or difference arising out of or in connection with this MoU shall be settled by the parties by mutual negotiations. Any unsettled dispute or differences shall be referred to the arbitration of a sole arbitrator, who shall be jointly appointed by the Parties. The provisions of the Arbitration and Conciliation Act 1996 shall regulate the arbitration proceedings and the venue of the arbitration shall be Chennai, India. The language of arbitration shall be English.

Assignment:

This MoU is personal to the parties hereto and may not be signed in whole or in the part by either party without the written consent of the other party.

In witness whereof the parties have caused this MoU to be signed by their duly authorized representatives, the day and year first above written.

Signed this day

For and on behalf of

VELTECH Dr RR & Dr SR

Technical University, Chennai

Prof. Dr. Vel R. Rangarajan,
Chancellor,
VELTECH Dr RR & SR Technical University, #
42, Avadi-VelTech Road, Avadi,
Chennai 600 062.
Tel: +91-44-26841622
Email: chancellor@vel-tech.org

WITNESS 1:

For and on behalf of

TRACTORS AND FARM EQUIPMENT LIMITED

WITNESS 2:

ADDENDUM – "A"

Fee Structure for the M. Tech (Automobile and Tractor Engineering)

starting from the Academic Year 2012-13

(All figures mentioned below are in INR)

Particulars of Fees	2012-2013	2013-14	2014-15
	I Year (Semester I & II)	II Year (Semester III & IV)	IIII Year (Semester V & VI)
Tuition fee	100000	100000	100000
Examination Fees	7500	7500	7500
Caution deposit (Refundable)	5000	--	--
Total	112500	107500	107500

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: 12th Feb 2022

MOU signed with TAFE

MOU Number	**MOU -139**
Name of the Organization	**M/s. Tractors and Farm Equipment Limited**
Date of signing of MoU	**23.08.2012**
Date of MoU Renewal (If any)	**Nil**
Next renewal due on	**Lifetime**
Objectives of MoU	**To offer Joint Degree Programmes M.Tech in Automobile & Tractor Engineering, Project for Final year students, GL**

Academic Year	No. of Students	Course	Duration	Project/IPT/ CREDIT COURSE
2017-18	30	B.TECH AUTO	12.08.2017, 09.09.2017, 23.09.2017	CREDIT COURSE
2017 -18	6	B.TECH AUTO	DEC 2017- MARCH- 2018	PROJECT
2016 -17	14	B.TECH AUTO	JAN 2017 – APRIL 2017	PROJECT

Dr. P. Chandrakumar
Dean Industry Relations & TBI
Vel Tech

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

ICC -15

Veltech Dr.RR & Dr.SR University

(Estd. u/s 3 of UGC Act, 1956)

Date: 07 August 2017

School of Mechanical & Construction
Department of Automobile Engineering

Our Ref. No. VTU/AUTO/2017-18/017	**Your Ref No.**

Dr.M.Amala Justus Selvam
Professor & Head

Submitted for Approval

Sir,

The Department of Automobile Engineering offers the following one credit course to III year B.Tech Automobile Engineering students under Regulation VTU R 15 Section 7.2.8.3 Specialized Courses. This course will be offered by Industry expert.

No	Course Name	Industry Expert Name	Organization	Date(s)	No. of Credits	Max no of seats
1	NVH, Engine noise control, Gear noise & Vehicle NVH approach	Mr.V.Ravindran	Principal Member - R&D, TAFE, Chennai	12.08.2017 – 5 hrs 09.09.2017 – 5 hrs 23.09.2017 – 5 hrs	One	30

Approval is requested for the above course and also for the consideration of credit based on the attendance, assignment & test (The report will be submitted after the completion of the program).

Submitted for approval please

Mr.N.Murugunachippan
Co-ordinator

HOD/AUTO 7/8/17

Dean-SOMC 7/8/17

Director Academics

Dr. Amala Justus Selvam
Head of the Department,
Automobile Engineering
Veltech Dr.RR & Dr.SR University
(Estd. u/s 3 of UGC Act,1956)

Veltech Dr.RR & DR.SR University
Director
Academics
Chennai · 1997 · India

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Chennai-600 062, Tamil Nadu, India.
Landline : +044 2684 0332 / 2684 026
Toll Free : 1800 3070 6949
Email : vtu@veltechuniv.edu.in

VELTECH Dr.RR & Dr.SR UNIVERSITY
SCHOOL OF MECHANICAL AND CONSTRUCTION ENGINEERING

DEPARTMENT OF AUTOMOBILE ENGINEERING
B.TECH. AUTOMOBILE ENGINEERING

ASSESSMENT RESULT

Year / Sem : III / V
Course Name : NVH, Engine noise control, Gear noise & Vehicle NVH approach
Faculty Expert: Principal Member, Head – NVH and CAE group, TAFE, Chennai

S.No	VTU No.	Reg.No	Student Name	Total marks	Grade
1	5898	15UEAU0013	KEVIN JUDE ROBERTS	52.5	D
2	5910	15UEAU0022	RANDEEP S	72.5	B
3	5941	15UEAU0026	SUDHAKARAN R	75	B
4	5954	15UEAU0023	SENTHIL NATHAN N	52.5	D
5	5957	15UEAU0014	KHARTHIK A	72.5	B
6	5960	15UEAU0008	CHITTIBOMMA PAVVAN AASHISH	77.5	B
7	6100	15UEAU0019	PRAVEEN V	35	FAIL
8	6118	15UEAU0027	VENKATESH N	85	A
9	6132	15UEAU0029	VISHNU SREEKARAN	72.5	B
10	6217	15UEAU0010	GANTI BHARGAV SUMANTH	75	B
11	6233	15UEAU0028	VIKASH GOYAL	70	B
12	6278	15UEAU0015	KOONDLA SURESH REDDY	77.5	B
13	6318	15UEAU0007	AYYAPPA SATHWIK B.V.V	72.5	B
14	6333	15UEAU0018	PRAVEEN KUMAR E	2.5	FAIL
15	6411	15UEAU0021	RAJESH V	75	B
16	6413	15UEAU0011	KARTHICK R	85	A
17	6484	15UEAU0016	PADALA SUMITH KUMAR	32.5	FAIL
18	6486	15UEAU0001	ABDUL ILAH ALI KHAN	5	FAIL
19	6520	15UEAU0017	PRAKASH G.B	70	B
20	6527	15UEAU0009	DEEPAK S	72.5	B
21	6585	15UEAU0004	AMAN KUMAR ARYA	77.5	B
22	6586	15UEAU0025	SIRIGIREDDY MANJITH KUMAR REDDY	73.75	B
23	6609	15UEAU0012	KEVIN DHANRAJ J	30	FAIL
24	8115	15UEAU0500	VENKATA BALA SANKAR ANUMAKONDA	77.5	B
25	8143	15UEAU0501	BHUVANESH S	32.5	FAIL
26	8118	15UEAU0503	JAY BIPINBAI PARMAR	35	FAIL
27	8342	15UEAU0504	RABINDRA PAL	62.5	C
28	6398	15UEAU0030	V.KANNAN	62.5	C
29	8159	15UEAU0502	OSEEM ANWAR ALI	75	B
30	5967		SAYEASH M	65	C

11/11/17

Veltech Dr.RR & Dr.SR

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13	6318	15UEAU0007	AYYAPPA SATHWIK B.V.V	72.5	B
14	6333	15UEAU0018	PRAVEEN KUMAR E	2.5	FAIL
15	6411	15UEAU0021	RAJESH V	75	B
16	6413	15UEAU0011	KARTHICK R	85	A
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Dr. Amala Justus Selvam

Veltech Dr.RR & Dr.SR
(Deemed u/s 3 of UGC Act, 1956)

Veltech Dr.RR & Dr.SR University®

(Estd. u/s 3 of UGC Act, 1956)

Certificate of Completion

Mr./Mrs. SENTHIL NATHAN N

(VTU 5954) belongs to 2015 - 2016 Batch pursuing B.Tech.

in Automobile Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 15 hours Specialized Course on

NVH, Engine Noise Control, Gear Noise & Vehicle NVH Approach.

Conducted by

Mr.V.Ravindran

Principal Member - R&D, TAFE R&D

organized by the

Department of Automobile Engineering



Topics Covered

- NVH, Sound, Wavelength, Speed of sound in gas, Basic acoustic quantities
- Range of audible sound pressure, Sound pressure & ambient pressure
- Decibels, Sound pressure level, Adding & subtracting dBs. Example.
- Decibel quantities in acoustics
- Origin of reference values, Example SPL & IL comparison
- Sound quality metrics, Acoustic weightings
- Near & Far field, Sound measurement equipment & techniques,
- Condenser microphone, Polarization voltage
- Block diagram of a sound level meter, Sound level meter response
- Octave and 1/3rd octave, Practical CPB analysis, Narrow band analysis
- FFT Vs CPB, Sound pressure measurements, Sound intensity measurements
- Sound power from intensity, Sound power from sound pressure
- Engine noise control
- Methodology of engine NVH measurement at anechoic chamber – ISO 3745

V. N. L

Mr.V.Ravindran
Principal Member - R&D
TAFE R&D

Dr.Amala Justus Selvam
HOD - Automobile

Prof. Dr.Techn.Koteswara Rao Anne
Director Academics

Prof. Dr.Beela Satyanarayana
Vice Chancellor

Veltech Dr.RR & Dr.SR University®

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Certificate of Completion

Mr./Mrs. SUDHAKARAN R

(VTU 5941) belongs to 2015 - 2016 Batch pursuing B.Tech. in Automobile Engineering at

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V. R. L

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TAFE R&D

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Prof. Dr. Beela Satyanarayana
Vice Chancellor

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Mr./Mrs. RANDEEP S

(VTU 5910) belongs to 2015 - 2016 Batch pursuing B.Tech.

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Certificate of Completion

Mr./Mrs. KEVIN JUDE ROBERTS

(VTU 5898) belongs to 2015 - 2016 Batch pursuing B.Tech.

in Automobile Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

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V.R.L

Mr.V.Ravindran
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TAFE R&D

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Vice Chancellor

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Certificate of Completion

Mr./Mrs. KHARTHIK A

(VTU 5957) belongs to 2015 - 2016 Batch pursuing B.Tech.

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Mr.V.Ravindran
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Dr.Amala Justus Selvam
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- Octave and 1/3rd octave, Practical CPB analysis, Narrow band analysis
- FFT Vs CPB, Sound pressure measurements, Sound intensity measurements
- Sound power from intensity, Sound power from sound pressure
- Engine noise control
- Methodology of engine NVH measurement at anechoic chamber – ISO 3745

Mr.V.Ravindran
Principal Member - R&D
TAFE R&D

Dr.Amala Justus Selvam
HOD - Automobile

Prof. Dr.Techn.Koteswara Rao Anne
Director Academics

Prof. Dr.Beela Satyanarayana
Vice Chancellor

Veltech Dr.RR & Dr.SR University®

(Estd. u/s 3 of UGC Act, 1956)

Certificate of Completion

Mr./Mrs. SIRIGIREDDY MANJITH KUMAR REDDY

(VTU 6586) belongs to 2015 - 2016 Batch pursuing B.Tech.

in Automobile Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 15 hours Specialized Course on

NVH, Engine Noise Control, Gear Noise & Vehicle NVH Approach.

Conducted by

Mr.V.Ravindran

Principal Member - R&D, TAFE R&D

organized by the

Department of Automobile Engineering



Topics Covered

- NVH, Sound, Wavelength, Speed of sound in gas, Basic acoustic quantities
- Range of audible sound pressure, Sound pressure & ambient pressure
- Decibels, Sound pressure level, Adding & subtracting dBs. Example.
- Decibel quantities in acoustics
- Origin of reference values, Example SPL & IL comparison
- Sound quality metrics, Acoustic weightings
- Near & Far field, Sound measurement equipment & techniques, Condenser microphone, Polarization voltage
- Block diagram of a sound level meter, Sound level meter response
- Octave and 1/3rd octave, Practical CPB analysis, Narrow band analysis
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Mr.V.Ravindran
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Vice Chancellor

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Certificate of Completion

Mr./Mrs. AMAN KUMAR ARYA

(VTU 6585) belongs to 2015 - 2016 Batch pursuing B.Tech.

in Automobile Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 15 hours Specialized Course on

NVH, Engine Noise Control, Gear Noise & Vehicle NVH Approach.

Conducted by

Mr.V.Ravindran

Principal Member - R&D, TAFE R&D

organized by the

Department of Automobile Engineering



Topics Covered

- NVH, Sound, Wavelength, Speed of sound in gas, Basic acoustic quantities
- Range of audible sound pressure, Sound pressure & ambient pressure
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Prof. Dr.Techn.Koteswara Rao Anne
Director Academics

Prof. Dr.Beela Satyanarayana
Vice Chancellor

Tractors and Farm Equipment Limited
Registered Office:

TAFE

23 March 2018

TO WHOMESSOEVER IT MAY CONCERN

This is to certify that following students perusing **B.Tech (Mechanical)** from **Vel Tech Dr. RR & Dr. SR Technical University, Chennai** has completed **Project** from **02-Jan-18** to **23-Mar-18** with us, as a part of academic requirement. During this tenure, the students were part of following project: **"Reduction of handling related defects in post paint assembly".**

Students' names:

1. **Mr. V Ganesh Kumar Reddy [VTU5801]**
2. **Mr. O Pavan Kumar Reddy [VTU5268]**
3. **Mr. K Haswanth [VTU5402]**

This certificate is issued solely for educational requirement.

We wish the students all the best for education and career.

For **Tractors and Farm Equipment Limited,**

Sunil Kumar M
Deputy Manager
Human Resources Department

MASSEY FERGUSON

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28-03-2018

To whomsoever it may concern

This is to certify that **Mr. Harsha Gowtham B (14UEME0050)** studying 4th year **B.Tech Mechanical** in **Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai** has successfully completed his internship project, titled – "**Process adherence improvement based on design requirements**", at TAFE-MDU from 25-12-2017 to 28-03-2018.

for Tafe Limited

Arshad
28-03-18

Arshad
Human Resources

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28-03-2018

To whomsoever it may concern

This is to certify that **Mr. Eswar Praneeth T (14UEME0338)** studying 4th year **B.Tech Mechanical** in **Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai** has successfully completed his internship project, titled – "**Process adherence improvement based on design requirements**", at TAFE-MDU from 25-12-2017 to 28-03-2018.

for Tafe Limited

Arshad 28-03-18

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28-03-2018

To whomsoever it may concern

This is to certify that **Mr. Vijendra Mandariya (14UEME0363)** studying 4th year **B.Tech Mechanical** in **Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology, Chennai** has successfully completed his internship project, titled – "**Process adherence improvement based on design requirements**", at TAFE-MDU from 25-12-2017 to 28-03-2018.

for Tafe Limited

28-03-18

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18 April 2017

TO WHOMESSOEVER IT MAY CONCERN

This is to certify that following students perusing **B.Tech. (Mechanical)** from **Vel Tech Dr. RR & Dr. SR Technical University, Chennai** has completed **Final year project** from **09-Jan-17 to 18-Apr-17** with us, as a part of academic requirement. Title of the project is - **Analysis and reduction of sealant wastage in different cells of tractor assembly.**

1. **Mr. Pasupuleti Chanti Subba Rao (13UEME0220)**
2. **Mr. Manyam Sree Harinath Reddy (13UEME0170)**

This certificate is issued solely for education requirement.

We wish the students all the best for education and career.

For **Tractors and Farm Equipment Limited,**

Sunil Kumar M
Deputy Manager
Human Resources Department

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18 April 2017

TO WHOMESSOEVER IT MAY CONCERN

This is to certify that following students perusing **B.Tech. (Mechanical)** from **Vel Tech Dr. RR & Dr. SR Technical University, Chennai** has completed **Final year project** from **09-Jan-17 to 18-Apr-17** with us, as a part of academic requirement. Title of the project is - **Reduction of handling related defects in post paint assembly.**

1. **Mr. Enamala Nagaprudhvi (13UEME0102)**
2. **Mr. Mohammed Irfan (13UEME0186)**

This certificate is issued solely for education requirement.

We wish the students all the best for education and career.

For **Tractors and Farm Equipment Limited,**

Sunil Kumar M
Deputy Manager
Human Resources Department

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Chennai - 600 002 India

Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. V. GOKUL KRISHNAN (Reg. No. VtU3989)** final year student of **B. Tech., (Mechanical Engineering)** from Vel Tech Dr. RR & Dr. SR University, Avadi, Chennai, has completed his Project on **"Automation of Machine Door using bed movement"** from 02.01.2017 to 03.04.2017.

During the above period his conduct was found to be good.

for Tractors and Farm Equipment Limited

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Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. S. EDWIN RAJ (Reg. No. VtU3890)** final year student of **B. Tech., (Mechanical Engineering)** from Vel Tech Dr. RR & Dr. SR University, Avadi, Chennai, has completed his Project on **"Automation of Machine Door using bed movement"** from 02.01.2017 to 03.04.2017.

During the above period his conduct was found to be good.

for Tractors and Farm Equipment Limited

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Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Mr. M. JOEL SHALOME ROZARIO (Reg. No. VtU3839)** final year student of **B. Tech., (Mechanical Engineering)** from Vel Tech Dr. RR & Dr. SR University, Avadi, Chennai, has completed his Project on **"Automation of Machine Door using bed movement" from 02.01.2017 to 03.04.2017.**

During the above period his conduct was found to be good.

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15-04-2017

To whomsoever it may concern

This is to certify that **Mr. Prabhu Dayal Yadav (13UEME0233)**, studying 4th year Mechanical Engineering in **VEL TECH Dr. RR & Dr. SR University, Chennai** has successf completed his Internship Project titled – **"Motorized Indexing Mechanism for Crown Wh Riveting Operation"** at TAFE-MDU from 18-01-2017 to 15-04-2017.

for Tafe Limited

15-4-17

Arshad
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15-04-2017

To whomsoever it may concern

This is to certify that **Mr. Mathivanan M (13UEME0177)**, studying 4th year BE Mechanical Engineering in **VEL TECH Dr. RR & Dr. SR University, Chennai** has successfully completed his Internship Project titled – **"Motorized Indexing Mechanism for Crown Wheel Riveting Operation"** at TAFE-MDU from 18-01-2017 to 15-04-2017.

for Tafe Limited

A Arshad
15-4-17

Arshad
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15-04-2017

To whomsoever it may concern

This is to certify that **Mr. Madesh R (13UEME0166)**, studying 4th year BE Mechanical Engineering in **VEL TECH Dr. RR & Dr. SR University, Chennai** has successfully completed his Internship Project titled – **"Ergonomics Improvement in Axle Shaft Assembly"** at TAFE-MDU from 18-01-2017 to 15-04-2017.

for Tafe Limited

Arshad 15-4-17

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15-04-2017

To whomsoever it may concern

This is to certify that **Mr. Nijamudeen A (13UEME0208)**, studying 4th year BE Mechanical Engineering in **VEL TECH Dr. RR & Dr. SR University, Chennai** has successfully completed his Internship Project titled – **"Ergonomics Improvement in Axle Shaft Assembly"** at TAFE-MDU from 18-01-2017 to 15-04-2017.

for Tafe Limited

Arshad 15-4-17

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05.04. 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project titled **"Applying sustainability in restoration of Gearbox assembly of CNC Lathe"** is a bonafied work of Mr. P. Pradeep, B.Tech Mechanical Engineering (Final year), Veltech Dr.RR & Dr.SR University, Avadi, Chennai. He completed this project during the period 17th January to 31st March 17.

During the above period of time his conduct was good.

For Tractors and Farm Equipment Limited
Gears Division

S.Raju
DGM

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05.04. 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project titled **"Applying sustainability in restoration of Gearbox assembly of CNC Lathe"** is a bonafied work of Mr. R. Kannan, B.Tech Mechanical Engineering (Final year), Veltech Dr.RR & Dr.SR University, Avadi, Chennai. He completed this project during the period 17th January to 31st March 17.

During the above period of time his conduct was good.

For Tractors and Farm Equipment Limited
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05.04. 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the project titled **"Applying sustainability in restoration of Gearbox assembly of CNC Lathe"** is a bonafied work of Mr. J. Vinod Sagayaraj, B.Tech Mechanical Engineering (Final year), Veltech Dr.RR & Dr.SR University, Avadi, Chennai. He completed this project during the period 17th January to 31st March 17.

During the above period of time his conduct was good.

For Tractors and Farm Equipment Limited
Gears Division

S.Raju

S.Raju
DGM

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