

Memorandum of Understanding

for Institute-Industry Interaction

Between

VEL TECH Dr. RR & Dr. SR Technical University
(VEL TECH Rangarajan Dr. Sagunthala R&D Institute of Science and Technology)
Deemed University u/s 3 of UGC act 1956



Wheels India Limited (WIL),
(A leading Manufacturer of Steel wheels in 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, TamilNadu (hereinafter referred to as **VEL TECH**) and **Wheels India Limited**, (hereinafter referred to as **WIL**), having its corporate headquarter at Wheels India Limited, Padi, Chennai - 600050. Tamilnadu, India having recognized the importance to Industry Oriented Training have, on this 16th day of March 2016, entered into this agreement which witnesseth as follows:

PREAMBLE

- **VEL TECH** has a pool of qualified faculty capable of imparting theoretical knowledge in various fields of engineering and allied engineering subjects. It has excellent infrastructure and laboratories like 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, Virtual Instrumentation, Embedded systems laboratories, Central library and computer centres. VEL TECH has also signed more than 190 Memorandum of Understandings 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 fields of Engineering of Technology.
- **Wheels India Limited (WIL)**, Promoted by TVS Group is a leading manufacturer of steel wheels for passenger cars, utility vehicles, trucks, buses, agricultural tractors and construction equipment in India. WIL has manufacturing facilities at Padi, Pune, Rampur, Bawal, Sriperumbudur and Pantnagar. WIL supplies 2/3rd of the domestic market requirement and exports 18% of the turnover to North America, Europe, Asia Pacific and South Africa. WIL has good capabilities in the area Product Development, Process Design, Tool Design & Manufacturing in terms of facilities and Manpower.

OBJECTIVE

The objectives of this interaction are many and would evolve with time and the quality of inputs provided by both the parties. At the outset the following can be envisaged.

- a) To provide interactions with the industry practitioners so as to have an understanding of industry expectations for the fresh graduates.
- b) To provide for regular knowledge exchange between institute and industry experts.
- c) To create opportunities to carry out Joint research & Consultancy for mutual benefit in areas where deemed necessary by both.

Hence WIL & VEL TECH agree

- (i) **To offer Real Time Projects to the final year Students:** For this, WIL will identify Real Time projects in different areas for students suitable branches of Engineering (the distribution among the branches will be made available well in advance to VELTECH). Selection of these students will be completed at least two weeks prior to commencement of Projects at WIL.
 - a. Students for the Projects will be selected by WIL through a screening procedure.
 - b. VEL TECH will designate one of their Faculty Members as coordinators for students' projects to continuously monitor the progress of these Projects. WIL will provide the list of Projects to VEL TECH on selection of students.
 - c. In order to achieve the objectives stated in this MOU each party shall be responsible for its own costs and expenses arising from its performance under this MOU.
 - d. Both parties shall not use the name of the other in any advertisement or make any public announcement without the prior written approval of the other.
 - e. Each party shall respect the others Intellectual Property Rights (IPR) and shall not use any trade mark, copyright, design, symbol or designation belonging to the other, without prior written approval of the other party.
 - f. VELTECH agrees that WIL is not obliged on account of this MOU to recruit/hire or train any fixed number of students from VEL TECH.
 - g. Both the parties shall maintain confidentiality in respect of any information, course material, plans, discussions, strategies or any material which shall be deemed to be confidential and shared between the parties. Further, VEL TECH agrees that WIL may request students who undertake Project Work in WIL to execute confidentiality agreements in order to protect any information exchanged by WIL with such students in this regard.

- h. It is acknowledged by the VEL TECH that the confidential information furnished by WIL will not be disclosed, either in whole or in part, to any third party, either directly or indirectly, by agent, student, employee or representative. However the confidential information furnished may be disclosed only to those faculties of VEL TECH connected with the activities pertaining to this MOU and they will be directed by VEL TECH to treat such information in accordance with the terms of this MOU. The provisions pertaining to confidentiality shall continue even after the termination of this MOU.
- i. WIL hereby warrants, covenants, and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of VEL TECH and related trade names of the VEL TECH in any internal or external media or publications without obtaining the prior consent of VEL TECH in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, etc.
- j. VEL TECH or its affiliates hereby warrants, covenants and undertakes that at any point of time during this MOU or after termination thereof it shall not use the name of Wheels India and related trademarks, logos or any other name used by in any internal or external media or any publications without obtaining the prior consent of Wheels India in writing. Media for the purpose of this clause shall include any visual representation, records, ledgers, letter heads, audio, internet, websites, brochures, pamphlets, application forms, prospectus, catalogues, press releases etc.
- k. VEL TECH hereby covenants that it will not indicate, directly or indirectly, in its brochures, prospectus or any other media that students enrolling in the courses conducted by VEL TECH will qualify for any employment or training in units of WIL.
- l. All publications whether through print or any other media connected with the activities pertaining to this MOU will be done after review and express approval of VEL TECH and WIL. Any release and use of the publications shall be done only upon express written approval of the VEL TECH and WIL.
- m. It is clearly understood that there shall not be payable any remuneration, fees honorarium or any other monetary benefits to any employee/students/agents or any other Person associated or connected with both parties in respect of the services rendered pursuant to this MOU.

- (ii) **To organize Industrial Visits & In-Plant Training** to the units of WIL. These visits will be centrally coordinated by WIL, Chennai. Date of visit and the batch size will be decided well in advance by mutual consultations.
- (iii) **To organize Guest Lectures, Joint seminars/workshops/conferences.** This will be organized as and when required on mutually acceptable terms and conditions.
- (iv) **To Jointly carry out Research and Consultancy**

A dedicated team from VEL TECH and WIL will engage in research and consultancy services to support industries in the field of Automotive Component Manufacturing. By mutual discussion research areas will be identified and will be engaged jointly as and when required.

Any Intellectual Property generated pursuant to the above, shall become the sole and exclusive property of WIL.

VEL TECH shall disclose the information about Intellectual Property promptly and completely to WIL and shall,

- (i) Execute all documents requested by WIL for vesting with the WIL the entire right, title, and interest in and to the Intellectual Property.
 - (ii) Execute all documents requested by WIL for acquiring Intellectual Property and
 - (iii) Give WIL all assistance it may reasonably require, including the giving of testimony in any suit, investigation or other proceeding, in order to obtain maintain and protect the WIL's right there in and thereto.
- (v) **To jointly engage in Curriculum & Syllabi development**
- WIL will extend its support to VEL TECH in framing curriculum & syllabi for courses, where WIL deems fit. In such a case WIL will nominate its industry experts to be members in the Board of Studies of VEL TECH.

COORDINATORS

One coordinator from each side shall be appointed for effective monitoring & implementation of the action points of this MOU.

This agreement will be for a period of two 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 notification signed by the appropriate official of the Institution initiating the notice. Such notice must be received by the other party three (3) 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.

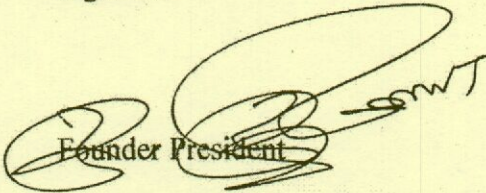
In witness whereof, the parties hereto caused this instrument to be executed as of the day, month and the year indicated below:

This MOU shall be governed and construed in accordance with the laws of India.

Any and all disputes or claims arising under this MOU or out of or in connection with the execution, interpretation, performance or non performance of this MOU or any or all of the foregoing shall be solely and finally settled by Arbitration under the Arbitration and Conciliation Act 1996,. All arbitration proceedings shall be conducted in English Language and the venue of Arbitration shall be at Chennai.

For VEL TECH

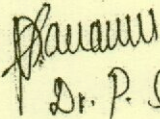
Signature


Founder President

Date:

Witness 1

Signature

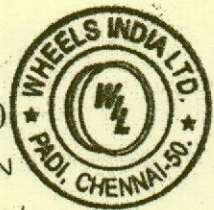

Dr. P. SARASU

Date:

For WIL

Signature

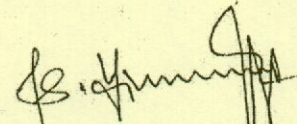

Vice President (HR)
R. KARUNAKARAN



Date: 16.03.2016

Witness 2

Signature


S. VALLIAPPAN

Date: 16.03.2016



Vel Tech

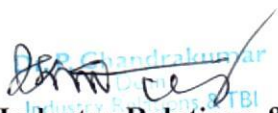
Rangarajan Dr. Sagunthala
R&D Institute of Science and Technology
(Deemed to be University Estd. u/s 3 of UGC Act, 1956)

Date: 12th Feb 2022

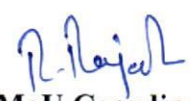
MOU signed with WHEELS INDIA LIMITED

MOU Number	MOU -149
Name of the Organization	M/s. WHEELS INDIA LIMITED, CHENNAI
Date of signing of MoU	16.03.2016
Date of MoU Renewal (If any)	14.06.2018
Next renewal due on	
Objectives of MoU	Project for Final year students, GL

Academic Year	No. of Students	Course	Duration (30 Hours)	Project/IPT/ CREDIT COURSE
2018-19	16	B.TECH MECH	22.07.2017, 29.07.2017,25.08.2017,26.08.2017, 08.09.2017, 09.09.2017	CREDIT COURSE


Dean Industry Relations & TBI

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



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WHEELS INDIA LIMITED

MOU – 149



WHEELS INDIA LIMITED

Veltech Dr.RR & Dr.SR University

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

School of Mechanical & Construction Engineering

Department of Mechanical Engineering

Thirty hours course on "New Product Development- 1157ME906" by

Dr. T.Sundararajan, Head R&D, Wheels India Limited

List of students eligible for two credits under the VTU R15 Section 7.2.8.3.

Attendance percentage and consolidated marks

NO	Year	VTU Id	Name	Attended Hours	Total Assessment				Credits to be awarded
					Test Marks (80)	Assignment Marks (20)	Total marks (100)	Grade	
1	III	6257	Aditya Makesh	30	75	14	89	A	2
2	III	5992	A.Janakiraman	30	70	14	84	A	2
3	III	6285	B.Naveen	30	70	15	85	A	2
4	III	6371	P. Michael Paul	30	75	15	90	A	2
5	III	5995	Amit Nishad	30	65	14	79	B	2
6	III	5927	N.Gangadhar sharma	30	60	14	74	B	2
7	III	6042	B.Gurunadh Reddy	30	65	15	80	B	2
8	III	6098	A.Lokesh	30	65	14	79	B	2
9	III	6399	P.V. Rakesh Kumar	30	60	15	75	B	2
10	III	6431	Siddhartha Ghose	30	65	14	79	B	2
11	III	8126	R.Karthikeyan	30	50	14	64	C	2
12	III	6448	N.Chaithanya Kumar Reddy	30	55	14	69	C	2
13	III	6279	K.Mohan Reddy	30	50	14	64	C	2
14	III	5993	M.Karteek	30	55	15	70	C	2

11	III	5975	V.Vasavi	30	36	14	50	D	2
12	III	6492	Nitin Kadam	30	36	14	50	D	2
13	III	6474	Ashutosh Dhanwe	30	36	14	50	D	2
14	III	8130	R.Nagendra Prasad	30	A	14	A	RA	0
15	III	8134	P.Pratheesh	24	25	14	39	RA	0
16	III	6047	P.Pavan Sai	30	25	14	39	RA	0
17	III	6338	T.Dileep Kumar	18	A	A	A	RA	0
18	III	6688	W.Siva Sai Kumar	12	A	A	A	RA	0
19	III	5883	K.V.S.D Siva Ram	18	A	A	A	RA	0
20	III	6187	CH. Tarun Sai	18	A	A	A	RA	0
21	III	6129	Y.Ganana Teja	12	A	A	A	RA	0
22	III	5940	N.Homa Kiran	24	A	16	A	RA	0
23	III	6195	S.Lakshman Kumar	24	A	14	A	RA	0
24	III	6559	R.Anil Kumar	18	A	A	A	RA	0
25	III	6415	K.Royal Prathap	30	A	14	A	RA	0
26	III	5936	K.Hirthik Teja	30	A	14	A	RA	0

S. Rajesh

(D. Rajesh)

(Course Coordinator)

(Dr. T. SUNDARARAJAN)

(Dr. A. T. Ravichandran) 29/11

HOD - Mechanical

Veltech Dr.RR & Dr.SR University[®]

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

Certificate of Completion

Mr./~~Mrs.~~ **R. KARTHIKEYAN**

(VTU **8126**) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 30 hours Specialized Course on
New Product Development.

Conducted by

Dr.T.Sundararajan

Head - R&D

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Topics Covered

- Market Need
- Product Design and Development
- Design Verification/Simulation
- Materials Selection
- Process Design I
- Process Design II
- Quality Systems
- Product Testing and Validation
- Pilot and Mass Manufacturing
- Environmental Degradation and Aesthetic Requirements
- Service Monitoring

Dr. T. Sundararajan

Head - R&D

Wheels India Limited

Dr. Ravichandran. A. T

HOD - Mechanical / Dean (I/c) - SOMC

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./Ms. **AMIT NISHAD**

(VTU 5995) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 30 hours Specialized Course on

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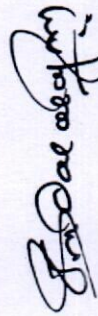
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Dr. T. Sundararajan

Head - R&D

Wheels India Limited


Dr. Ravichandran.A.T

HOD - Mechanical / Dean (I/c) - SOMC

Dr. Ravichandran.A.T

Prof. Dr. Beela Satyanarayana

Director Academics

Vice Chancellor

Veltech Dr.RR & Dr.SR University

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

Certificate of Completion

Mr./Ms. **ADITYA MAKESH**

(VTU 6257) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

Veltech Dr.RR & Dr.SR University, Chennai

has successfully completed the 30 hours Specialized Course on
New Product Development.

Conducted by
Dr.T.Sundararajan
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Mr./Ms. **N. GANGADHAR SHARMA**

(VTU **5927**) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

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Mr./Ms. **A.JANAKIRAMAN**

(VTU5992) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

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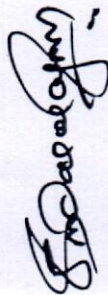
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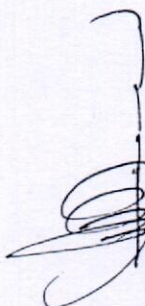
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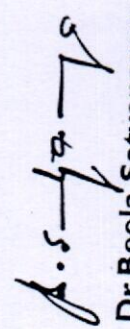
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Mr./Ms. **B. GURUNADH REDDY**

(VTU **6042**) belongs to 2015 - 2016 Batch pursuing

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Director Academics



Prof. Dr. Beela Satyanarayana

Vice Chancellor

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Mr./Ms. **B. NAVEEN**

(VTU 6285) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

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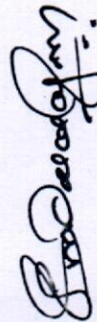
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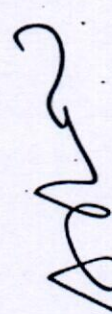

Dr. T. Sundararajan

Head - R&D

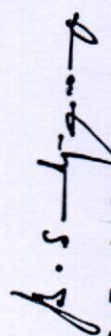
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Mr./Ms. **A. LOKESH**

(VTU 6098) belongs to 2015 - 2016 Batch pursuing
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Dr. T. Sundararajan
Head - R&D
Wheels India Limited

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Director Academics

Prof. Dr. Beela Satyanarayana
Vice Chancellor

Veltech Dr.RR & Dr.SR University

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Certificate of Completion

Mr./Ms. **N. CHAITHANYA KUMAR REDDY**

(VTU **6448**) belongs to 2015 - 2016 Batch pursuing

B.Tech. in Mechanical Engineering at

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Dr.T.Sundararajan

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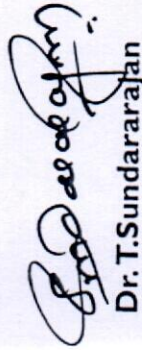
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Mr./Ms. **K. MOHAN REDDY**

(VTU 6279) belongs to 2015 - 2016 Batch pursuing

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Vice Chancellor

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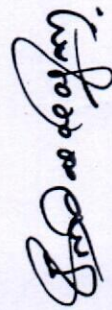
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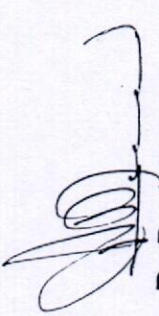
Topics Covered

- Market Need
- Product Design and Development
- Design Verification/Simulation
- Materials Selection
- Process Design I
- Process Design II
- Quality Systems
- Product Testing and Validation
- Pilot and Mass Manufacturing
- Environmental Degradation and Aesthetic Requirements
- Service Monitoring

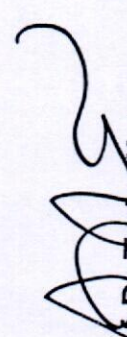

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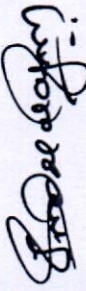
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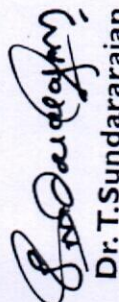
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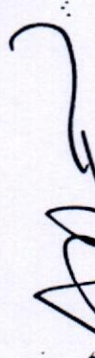


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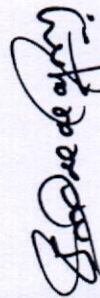
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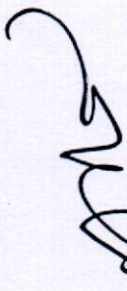


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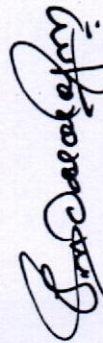
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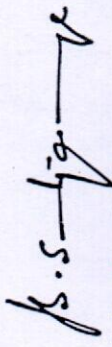
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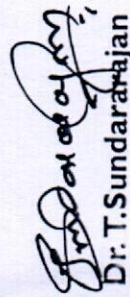
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