



VEL TECH[®]

Dr.RR & Dr.SR

TECHNICAL UNIVERSITY



University u/s 3 of UGC Act, 1956
VEL TECH RANGARAJAN Dr.SAGUNTHALA
R&D INSTITUTE OF SCIENCE AND TECHNOLOGY
#42, Avadi-Vel Tech Road, Avadi, Chennai - 600 062, Tamil Nadu, INDIA.

Vel Tech - A Place to Progress & Prosper



LISTED MEMBER OF CENTRAL SEAT ALLOCATION BOARD-CSAB

JEE (MAIN) PARTICIPATED INSTITUTION (MHRD, Govt. of India)

FOR MORE DETAILS VISIT: www.jeemain.nic.in (or) www.veltechuniv.edu.in

**INDIA'S FIRST DEEMED UNIVERSITY TO GET
NBA TIER I ACCREDITATION FOR
B.TECH Degree Programme in Aeronautical Engineering**

**SOUTH INDIA'S 1st DEEMED UNIVERSITY TO GET
NBA TIER I ACCREDITATION FOR
B.TECH Degree Programme in Mechanical Engineering**

NBA Permanent signatory body of the Washington Accord refer to: www.nbaind.org

VTUEEE 2016 VEL TECH Dr.RR & Dr.SR TECHNICAL UNIVERSITY
PAPER & PENCIL TEST **ENGINEERING SCHOLARSHIP ELIGIBILITY EXAMINATION-2016**
PHASE-I: 24th Jan'16 & PHASE-II: 24th Apr'16
BATCHES: 10.00 a.m. to 12.30 p.m. & 2.00 p.m. to 4.30 p.m. for details visit: www.veltechuniv.edu.in

193 MoUs

2842 Industry Interaction

80 International Tie-ups

20 Crore Research Funding

3000 Publications

326 Bon Voyage

10 Industry Linked Programmes

37 Patents Applied

579 Recruiters*

32 Value Added Programmes

8500 In-Plant Training

80 Research Labs

Accredited by TCS, WIPRO & CTS

Students' Achievements

First Place - Microsoft Imagine Cup

Creative Technology Award in Korea

Daimler Student Innovation Award in Germany

Award for Small Satellite Technology from Lockheed Martin, USA

1st Prize for Vel Tech Robot from Power Grid Corporation of India

Aegis Graham Bell Award 2014

Techno-Champ Prize in the contest organized by John Deere

MSME Awards for Design Projects



Creative Technology Award in Korea
International Students Green Car Competition (ISGCC 2015), Korea.



Daimler Student Innovation Award in Germany
VTU student was the winner of Euro Brake 2015 at Daimler Student Innovation Competition at Germany.

How to Apply:

- apply online at www.veltechuniv.edu.in. Payment through the Net Banking / Credit Card / Debit Card.
- By sending Demand draft for ₹750/- drawn in favour of "Vel Tech Dr.RR & Dr.SR University", payable at Chennai, to The Director- UG Admission with a request letter containing the full address of the applicant. (or)
- From the designated branches of post offices/ Book shops on cash payment of ₹750/-.

LAST DATE FOR RECEIPT OF APPLICATIONS: VTUEEE2016 - PHASE I : 18th Jan'16 PHASE - II : 15th Apr'16

VEL TECH MAHATMA GANDHI NATIONAL MERIT SCHOLARSHIPS -2016

SCHEME A	100% scholarship for Top ranking candidates admitted to B.Tech from each state and each Union Territory. VEL TECH Dr RR & Dr SR Technical University will offer 100% scholarship of full exemption from tuition fees and free board and lodging for four years to the top ranking candidate from each state and from each union Territory in India. They must have secured a minimum of 75% average on the sum of the marks scored in Mathematics, Physics & Chemistry in +2 examinations in their respective state / Central Higher secondary Board Examinations.
SCHEME B	75 % Scholarship for the top 50 condidates admitted to B.Tech across the Nation. Only those who have secured 95% to 100% aggregate in Mathematics, Physics and Chemistry in +2 examination in their respective State / Central Higher secondary Board Examination will be eligible to participate in this scheme.
SCHEME C1	50% Scholarship Under scheme Partnership for top 100 candidates admitted to B.Tech across the Nation. Only those who have secured 90% and above but below 95% in aggregate in Mathematics, Physics and Chemistry in +2 Secondary Board Examinations will be eligible to participate in this scheme.
SCHEME C2	50% Scholarship Under scheme Partnership for top 100 candidates admitted to B.Tech across nation: only those who have secured 90% and above but below 95% in aggregate in Mathematics, Physics and Chemistry in +2 examinations in their respective state / Central Higher Secondary Board Examinations will be eligible to participate in this scheme.
SCHEME D	10% Scholarship for top 100 candidates admitted to B.Tech across the Nation. Only those who have secured 70% and above but below 90% in aggregate in athematics, Physics and Chemistry in +2 examinations in their respective state / Central Higher Secondary Board Examinations will be eligible to participate in this scheme.

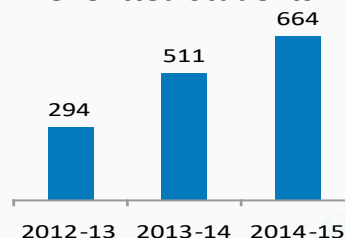


Dr.N.R.Narayana Moorthy
Chairman Emeritus, Infosys



Dr.A.S.Kiran Kumar
Padma Shri Awardee,
Chairman, Space Commission, Secretary,
Dept. of Space, Govt. of India & Chairman, ISRO

Benefitted Students



100% Scholarship for Top Ranking Candidate free Tuition & Hostel Fees for 4 years Admitted to B.Tech from each state and Each union Territory.

CANDIDATES WHO APPEAR FOR PHASE –I VTUEEE2016 ON 24 th JANUARY 2016 WILL GET THE BENEFIT OF 2015 FEE STRUCTURE				
BRANCH	Scholarship Scheme based on PCM aggregate	Actual Tuition Fees ₹	Percentage of Scholarship in Tuition Fees	Tuition fees payable. ₹
MECH & AERO CSE**	Above 95%	1,10,000	75%	27,500
	Above 90%		50%	55,000
	Above 70%		10%	99,000
ECE,EEE, CSE, IT, CIVIL & AUTOMOBILE.	Above 95%	95,000	75%	23,750
	Above 90%		50%	47,500
	Above 70%		10%	85,500
CANDIDATES WHO APPEAR FOR PHASE –II VTUEEE2016 ON 24 th APRIL 2016 WILL ADHERE TO 2016 FEE STRUCTURE				
BRANCH	Scholarship Scheme based on PCM aggregate	Actual Tuition Fees ₹	Percentage of Scholarship in Tuition Fees	Tuition fees payable. ₹
MECH & AERO CSE**	Above 95%	1,30,000	75%	32,500
	Above 90%		50%	65,000
	Above 70%		10%	1,17,000
ECE,EEE, CSE, IT, CIVIL & AUTOMOBILE.	Above 95%	1,15,000	75%	28,750
	Above 90%		50%	57,500
	Above 70%		10%	1,03,500

HOSTEL FEE

(STANDARD ROOM)

- Hostel Fee for Board & Lodging : ₹80,000/-
- Hostel Admission Fee: ₹5,000/-
- Caution Deposit: ₹5,000/- payable once while admission and refundable at the end of the period of study.

Higher rates are applicable for Deluxe and Super Deluxe accommodation

Guidance and Support for **Government and Non-Government Scholarships** (137 Organisations like **NSF, Hindu - Hitachi, JN Tata, Titan, Hindhuja** etc.) in addition to Vel Tech Mahatma Gandhi National Merit Scholarship.

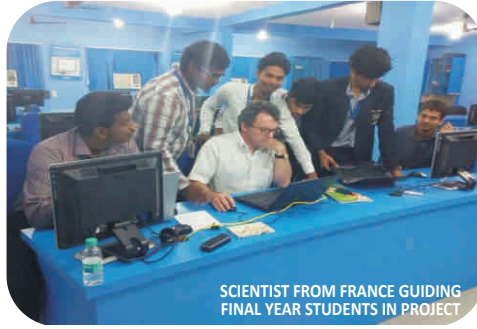
** CSE with specialization in Data Analytics and CSE with specialization in Network and Security.

- Caution deposit: 5,000/- (INR) payable once while admission and refundable at the end of the course.
- Academic & career Advancement Fee 15,000/- (INR), Exam Fees 5,000/- (INR)

TRANSFORMATIONAL TEACHING & LEARNING



CLASS ROOM



SCIENTIST FROM FRANCE GUIDING FINAL YEAR STUDENTS IN PROJECT



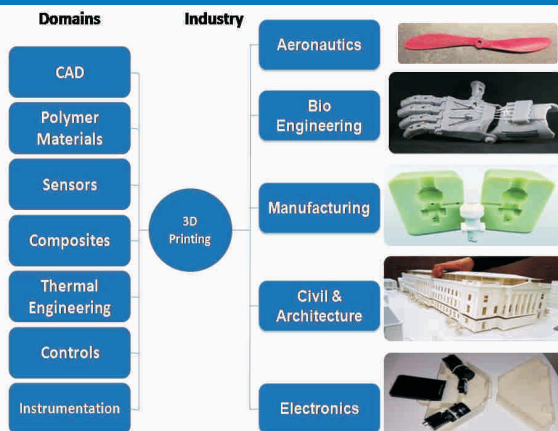
ENGINEERING HIVE

Ensures graduates employability, professional success, innovation & creativity, ethics, life long learning & social responsibilities

ENTREPRENEURSHIP & TECHNOLOGY INCUBATION FACILITIES

- VelTech TBI received funding of 5 crore from NSTEDB ,DST
- MSME Business Incubator with Ministry of SME,Govt of India
- 20 plus start up companies on campus

INTERDISCIPLINARY RESEARCH



RESEARCH CENTRES

The University has established National Facilities, Centres of Excellences and Special Labs in association with Research Organisations / Industries for taking up R & D and industry - relevant projects by the Students and Faculty.

Advanced Research Facility and Collaborators

- High Speed Bearing Test Facility, GTRE, DRDO
- Automotive Engine Test Facility, ARAI, TAFE
- Material Science Research Lab Armament Research & Development Establishment(ARDE), DRDO
- Structural Research Lab, DMSRDE, DRDO
- R&D Lab for Innovative Devices - FranceCol , France

Centres of Excellence

- Virtual Instrumentation National Instruments, USA
- Centre for Design, Engineering and Manufacturing (CDEM) DASSAULT SYSTEMES, France
- Cyber Security Lab IBM India Pvt. Ltd., Delhi
- Centre for Industrial Automation B&R Automation Pvt. Ltd., Pune

COLLABORATION WITH UNIVERSITIES/ INSTITUTES FROM



GERMANY



CHINA



FRANCE



SINGAPORE



USA



SWEDEN



TAIWAN



MALAYSIA



KOREA

BEST RANKING FROM

CAREERS360

THE WEEK

Business India

THE TIMES OF INDIA

MDRA Engineering

INDIA TODAY

OUTLOOK

DECCAN Chronicle

C-FORE

Silicon GHRDC



STUDENTS PLACED IN TOP CORPORATES



His Excellency Dr.A.P.J.Abdul Kalam, the 11th President of India inaugurated the Automotive Engine Test Facility with Col.Prof. Dr.R.Rangarajan, Founder Chancellor & President, Dr.Mrs.Sagunthala Rangarajan, Foundress President, Thiru.K.Veera Raghava Rao, IAS, District Collector & Dr.Srikanth Marathe, Director, ARAI. Also Interactive session with Students on 25.07.2013.

INTERNATIONAL FACULTY AT VEL TECH

Several senior professionals and faculty from Germany, Taiwan, USA, France, Canada etc., handled technical sessions in core disciplines and advanced research domains. Highlight of these interactions is that we are able to continue professional relations with many of them leading to research collaborations, student and faculty exchange programs



Research Internship for UG / PG students at Global Institutions with world class research facilities

- Direct exposure to world class NDT facilities
- Vel Tech is among very few institutions in India to send UG students to Fraunhofer Institute, Germany
- **DAAD Stipend** of 670 Euro/month to students for going to TUB, Germany
- **Scholarship** for further studies (MS)
- **Publications** at UG Level
- **Special Electives** like NDT & Metal physics are offered at earlier semester
- Students selected with full scholarship for 8 weeks programme in NCKU, Taiwan

DISTINCTION:

Vel Tech students from above selected for TUM – Asia (NTU + TUM) scholarship of 25000 Euro coveted even for IIT students

INTERNSHIP DETAILS:

Vel Tech students at UG levels are encouraged / facilitated / sponsored to take up research internship starting from 6th semester

❖ IZFP ❖ Fraunhofer Institute, Germany ❖ Technical University of Braunschweig, Germany ❖ National Cheng Kung University, Taiwan ❖ Institut Supérieur d'Electronique de Paris, France ❖ Tamkang University, Taiwan ❖ University of Kaiserslautern, Germany ❖ Changsha University of Science & Technology, China & ❖ SANY, China ❖ Gottfried Wilhelm Leibniz Universität Hannover, Germany ❖ National University of Singapore ❖ MBDA Missiles, France ❖ Kristianstad University, Sweden.

PROGRAMMES OFFERED

UG Programmes

B.Tech.

Aeronautical Engineering
Automobile Engineering
Civil Engineering
Computer Science & Engineering
Electrical and Electronics Engineering
Electronics & Communication Engineering
Information Technology
Mechanical Engineering

B.Com

B.Sc. Multimedia

BSc. Visual Communication

PG Programmes

M.Tech.

Aeronautical Engineering (Unmanned Aerial Vehicles)
Automotive Electronics and Embedded System
Automotive Mechatronics
Computer Integrated Manufacturing
Construction Engineering and Management
Electronics and Communication Engineering
Embedded Systems and Technologies

PG Programmes

M.Tech.

Energy Engineering
Environmental Engineering
Industrial Engineering
Industrial Safety and Engineering
Information Technology
Internal Combustion Engines
Internal Combustion Engines (In Collaboration With Arai)
Machine Design
Measurements and Control
Metallurgical and Material Science Engineering
Network Engineering
Power Electronics
Process Control & Instrumentation
Structural Engineering
Thermal Engineering

M.B.A.

Ph.D. Programmes

Engineering / Technology / Management / Science & Humanities

UNIQUE OPPORTUNITY TO VEL TECH STUDENTS

- The main vision of our university is to bridge the gap between the institute and the industry and produce graduates on par with industry needs. We have signed 193 agreements with Government / Private Research Institutes/ Industries.
- Human Resource exchange & Research agreements with reputed foreign universities from US, UK, France, Germany, Mexico, Malaysia, China, Sweden, Austria, Taiwan etc.,
- Funded R&D projects by Faculty members and Students worth 20 Crore. Joint M.Tech Programmes in association with CDAC, ARAI, TAFE, FCRI, CIRT, GARC and UCAL_JAP. Value added courses of Microsoft, Redhat, CISCO, PMA etc.,

TO HIGHLIGHT SOME OF THE MILESTONES CROSSED DURING THE LAST ACADEMIC YEAR

- NAAC Accreditation with 'A' that signifies high quality teaching – learning, research, infrastructure and governance.
- Tier – I Accreditation by NBA (permanent signatory body of Washington Accord).
- (B.Tech – Aeronautical Engg.-only programme accredited all over India & B.Tech – Mechanical Engg.-only programme Accredited in south India)
- More than 740 students taken up / deputed for their final year project at more than 160 industries/Research Institutes and more than 1500 students completed their In-plant training at more than 170 Industries & Research institutes at leading research Organization and Universities across the globe, which includes Fraunhofer IZFP Germany, MBDA missiles France etc.
- Students won prestigious awards/ Prizes such as Microsoft Imagine cup 2015 (selected to participate in USA), Creative technology Awards 2015 at International student Green car competition at Korea, Winner of Euro Brake 2015 at Daimler student Innovative competition Germany.
- Most proactive steps from university to introduce 'student – Centric' active learning methods.
- Industry relevant 'value adding' subjects right from initial years.
- Faculty from many international universities invited to deliver course.
- During the Honourable President of India's Delegation to Sweden, Selected Universities from India were also invited for signing collaborative agreements with Sweden Universities. Vel Tech University, India was, one of the few Universities, Invited for signing the collaborative agreement with Linköping University, Sweden, which is coordinated by Ministry of External Affairs of Government of India held at the Office of Ministry of Foreign Affairs, Stockholm, Sweden, in collaboration with Ministry of Education & Research on June 01, 2015.

SPECIAL LABS



AUTOMOTIVE ENGINE TEST FACILITY



GTRE, DRDO SPONSORED
HIGH SPEED BEARING TEST FACILITY



FRANCECOL LAB
R&D LAB FOR INNOVATIVE DEVICES



DASSAULT SYSTEMS, FRANCE
CENTRE FOR DESIGN, ENGINEERING & MANUFACTURING



IBM CYBER SECURITY LAB



DST SUPPORTED
E-WASTE MANAGEMENT FACILITY

International Relations

3+1 Programme

Indo German Center for Higher Education

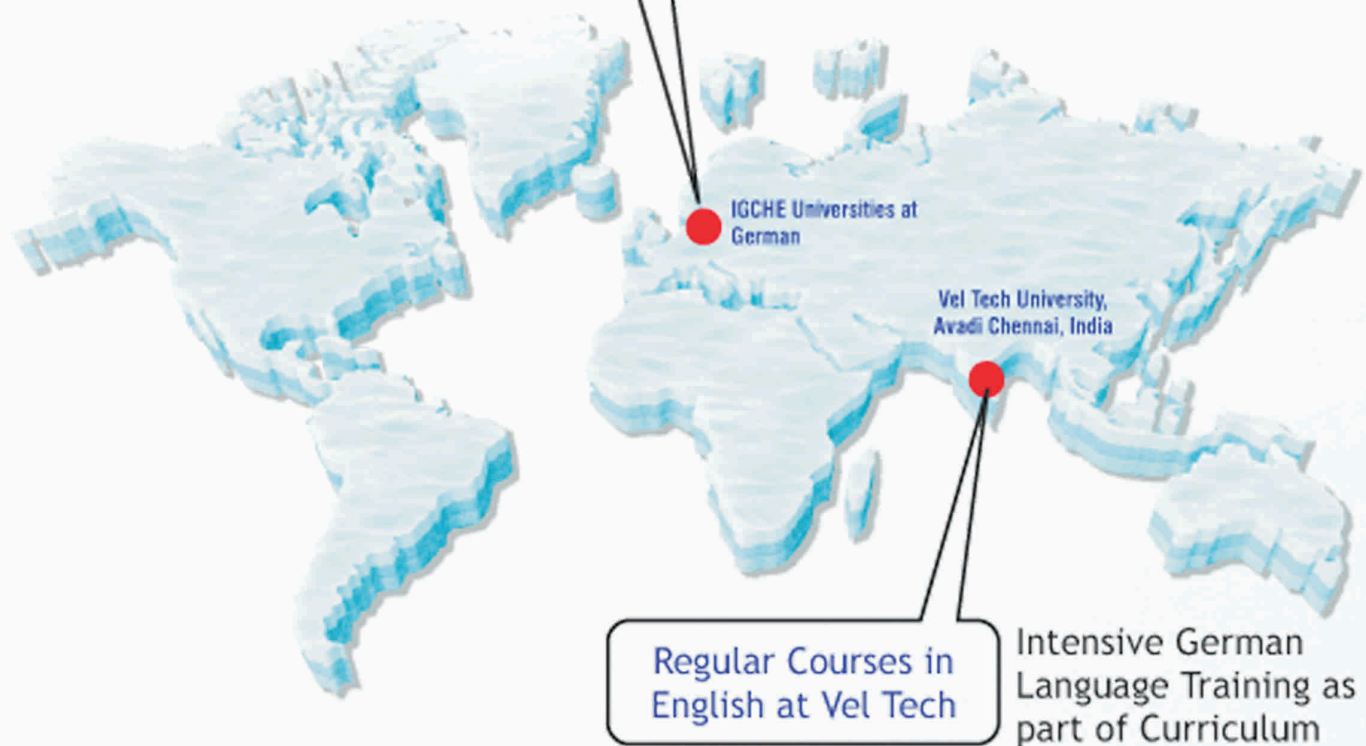


B.Tech by Vel Tech +
B.S / B.Engg. by German University

Final Year

Courses in German at
German IGCHE Universities

Thesis & Internship at
Germany Companies



3 Years at Vel Tech

German University Partners

Hochschule
Bochum
University

Hochschule Bochum
Bochum University
of Applied Sciences

Hochschule
Bonn-Rhein-Sieg
University of Applied Sciences

Hochschule
Bonn-Rhein-Sieg

Hochschule
Zittau/Görlitz

Hochschule
Zittau/Görlitz
UNIVERSITY OF APPLIED SCIENCES

Fachhochschule
Düsseldorf

Fachhochschule
Dusseldorf

Westfälische
Hochschule

Westfälische
Hochschule

FACHHOCHSCHULE KIEL
University of Applied Sciences

Fachhochschule
Kiel

International Relations

3+2 Programme

University of Michigan, Dearborn, USA

B.Tech by Vel Tech +
M.S. by UMD, USA



- 3 Years at Vel Tech + 2 Years at University of Michigan, Dearborn, USA
- **Scholarship:** 80% of fees difference between instate & outstate tuition fee

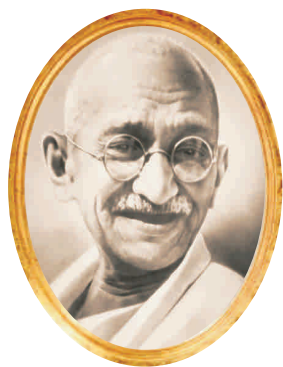
3+2 Programme

National Ilan University, Taiwan

B.Tech by Vel Tech +
M.S. by NIU, Taiwan



- 3 Years at Vel Tech + 4th & 5th Years at NIU, Taiwan
- **Scholarship & Stipend:** Full or Half Tuition Fee Waiver based on the performance in first three years. Stipend of upto NT\$8,000/month.



Vel Tech Mahatma Gandhi National Merit Scholarships distributed by Eminent Personalities

Batch	Scholarship for	Distributed by	Students	Amount	Distributed on
2009-10	I Year	Hon'ble Smt.D.Purandeswari, Minister of State for Human Resource Development, Higher Education, Government of India.	71	70,78,000	05.11.10
2010-11	I Year	Dr.S.Ganesan, Head-Nuclear Data Section, Reactor Physics Design Division, Bhabha Atomic Research Centre.	41	58,42,000	03.12.10
2009-10	III Sem	Dr.S.P.Thyagarajan, Former Vice-Chancellor of University of Madras.	63	31,71,000	31.12.10
2009-10	IV Sem	Shri.S.Sundaresh, Distinguished Scientist & Chief Controller R&D (Armament and Combat Engineering), DRDO, Ministry of Defence, Govt.of India, New Delhi	58	27,69,250	14.05.11
2009-10, 2010-11 2011-12	V Sem, III Sem I Year	Dr.K.Rosaiah, His Excellency the Governor of Tamil Nadu	117	90,71,250	18.10.11
2009-10, 2010-11 2011-12	VI Sem, IV Sem, I Year	Prof.Dr.S.Gowri, Registrar, Anna University of Technology, Chennai	84	54,16,750	10.03.12
2009-10, 2010-11 2011-12	VII Sem, V Sem, III Sem	Dr.N.R.Narayana Moorthy, Chairman Emeritus, Infosys	119	68,21,250	08.01.13
2009-10, 2010-11 2011-12, 2012-13	VIII Sem, VI Sem IV Sem, I Year	Dr.Prakash Patnaik, Principal Research Scientist, Aerospace Defence Science & Technology, Lead Air Defence Systems, Government of Canada & Director of R&D, Structures & Materials Govt. of Canada.	175	1,52,50,750	23.04.13
2010-11, 2011-12 2012-13, 2013-14	VII Sem, VIII Sem V Sem, VI Sem III Sem, IV Sem I Sem, II Sem	Prof.Dr.-Ing.Thomas Vietor, Director, Institute for Engg. Design Technical University Braunschweig, Germany	511	2,47,21,500	22.02.14
2011-12, 2012-13 2013-14, 2014-14	VII Sem, V Sem III Sem, I Sem	Dr.Satish Kumar, Distinguished Scientist & Chief Controller R&D (Technology Management), DRDO, Ministry of Defence, Government of India.	350	1,42,72,250	20.03.15
2011-12, 2012-13 2013-14, 2014-15	VIII Sem, VI Sem IV Sem, II Sem	Dr.A.S.Kiran Kumar, Padma Shri Awardee, Chairman, Space Commission, Secretary, Dept. of Space, GoI & Chairman, ISRO	314	1,31,02,250	04.08.15

FOR ADMISSION DETAILS CONTACT:

University Campus: #42 Avadi-Vel Tech Road, Avadi, Chennai - 600 062. Tamil Nadu, INDIA. Phone: +91-44-26841601, 26840896, 26840249, 09600409114 Toll Free: 1800 3070 6949. **Head Office:** 'Santi Sudha', 38, ABM Avenue, (Opp. Crowne Plaza Hotel), R.A.Puram, Chennai - 600 028. Phone: +91-44-24334845, 24335828. **Administrative Office:** 34, Gandhi Mandapam Road, Next to SBI, Kotturpuram, Chennai - 600 085. Phone: +91-44-45030136, 43066864

HELPLINE CENTRES

Delhi Office: A3/2, Vasanth Vihar, New Delhi - 110 057 Phone: +91-11-26143064, 09560320110. **Kanpur Office:** Udeay Plaza, No.117/N/76, 3rd Floor D7, Kakadeo, Kanpur - 208 025 Phone: 08754416296, 09791068989. **Tirupati Office:** Chakra Towers, 3rd floor (Upstairs Dena Bank) Beside Indira Priyadarshini Vegetable Market Main Road, Tuda Road, Chittoor, Tirupati - 517 501 Phone: +91-877-2222473 / 476, 07386043639. **Rajamundry Office:** D.No.46-11-43, 2nd Floor, Madduri Building, Danavaipeta, Rajamundry, Andhra Pradesh - 533 103 Phone: 08220092465. **Hyderabad Office:** 1. No: 2, Sri Nilaya Estate, Near Image Hospitals, Ameerpet, Hyderabad - 500073. 2. Plot No: 404, Pavani Estate, Road No. 2, Banjara Hills, Hyderabad - 500034. Phone: 040-65246025 Mobile: 08977638326 **Vijayawada Office:** Door No.39-14-2, Uttam Towers, IInd Floor, Opp: Gateway Hotel, M.G.Road, Labbipet, Vijayawada - 520 010 Phone: +91-866-2497255/ 355/455, 08220092469. **Visakhapatnam Office:** D.No: 48-16-11A, 1st Floor, Opp. R.T.C. Complex, Near by Kakatheeya Mess, Aseelmetta, Visakhapatnam - 530 016, India. Phone: 0891-2537599 / 08220092467.

For Bihar, Jharkhand, West Bengal & Odisha: Toll Free No.:1800 3070 6949
Nellore: 09790329208 Andaman & Nicobar: 09679508842, 09445568802.

E-mail: admission@veltechuniv.edu.in, admission@vel-tech.org **Website:** www.veltechuniv.edu.in