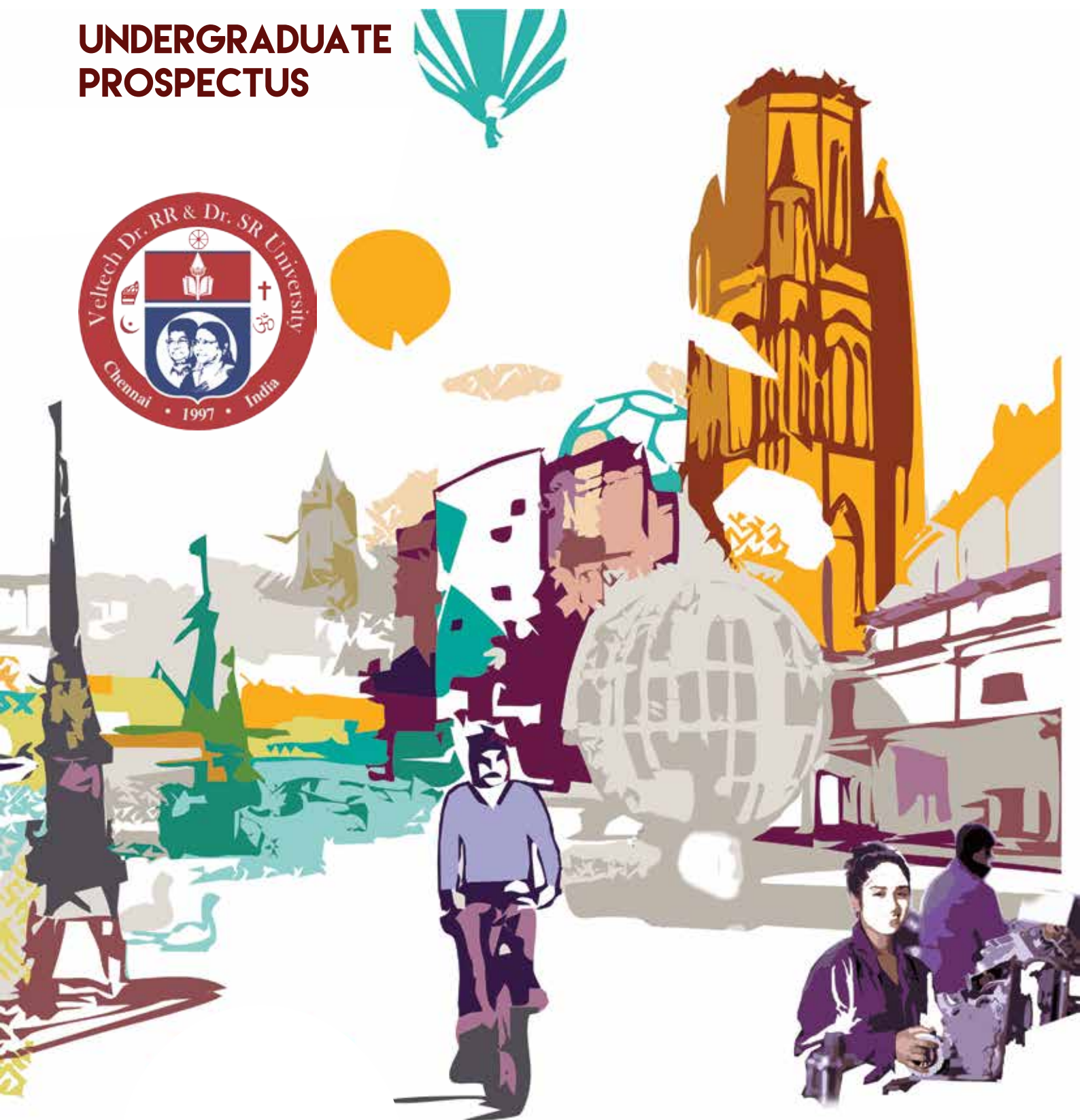


UNDERGRADUATE PROSPECTUS



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



1

st

Member

from INDIA to join the

CDIO

a Worldwide initiative



Accredited by
NAAC
with

A
Grade

Veltech Engineering College was inceptioned in the year 1997 under the Trust founded by the Educational-Philanthropic Personalities Col. Prof. Vel. Dr. R. Rangarajan, Founder Chancellor & President and Dr. Sagunthala Rangarajan, Chancellor. The University has grown persistently over the years impacting student lives and matured as Vel Tech Rangarajan Dr. Sagunthala R & D Institute of Science and Technology, (Veltech Dr. RR & Dr. SR University) u/s 3 of UGC Act 1956 in 2008. Since then it has been sprawling its wings in all dimensions, nurturing young students to help realize their goals in life by providing an education that everyone deserves irrespective of their financial means.

Passionate · Doers



WELCOME

UNIVERSITY PROFILE



Veltech Dr.RR & Dr.SR University

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

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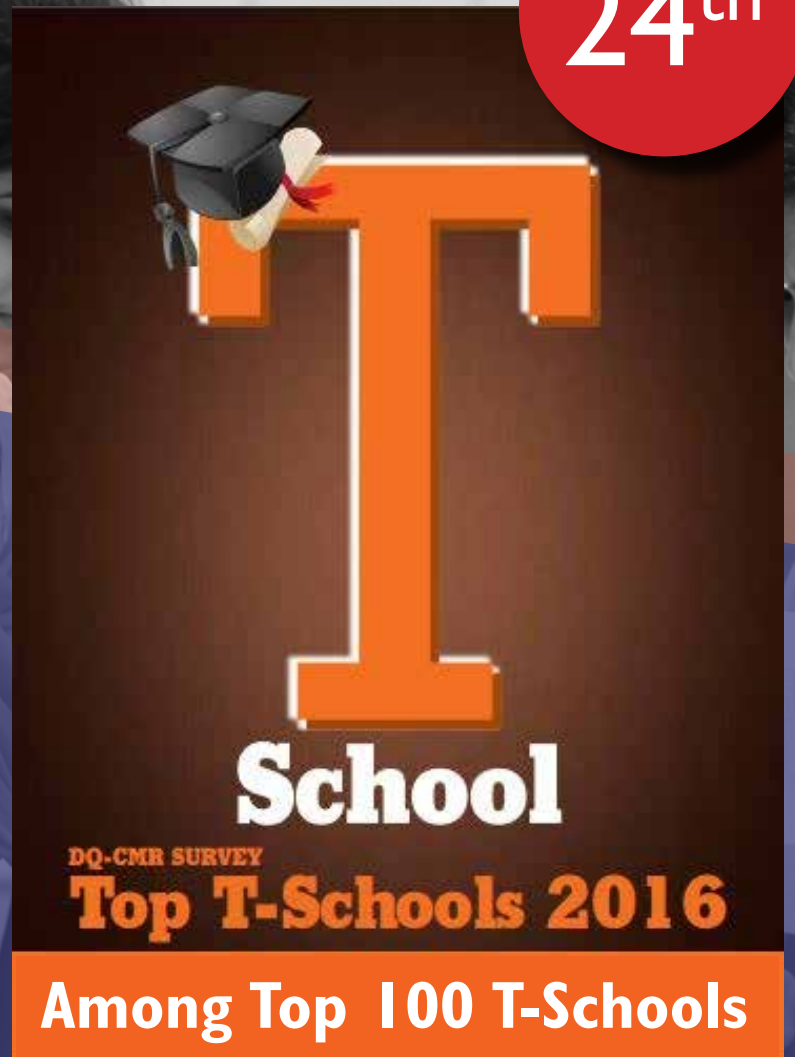


24th



3rd

Under the AAA+ category on
RENEWED FOCUS ON APPLIED
RESEARCH





THE TIMES OF INDIA

11th

TOP PRIVATE INSTITUTIONS (COLLEGES & UNIVERSITIES) - CHENNAI

1. Anna University of Science and Technology
2. Vel Tech Dr.RR & Dr.SR Technical University, Avadi
3. Anna University
4. S.J. Abadur Rahman Institute of Science and Technology
5. Anna University
6. Anna University College of Engineering

2nd

TOP 15 PRIVATE ENGINEERING INSTITUTE RANKINGS 2016 - SOUTH INDIA

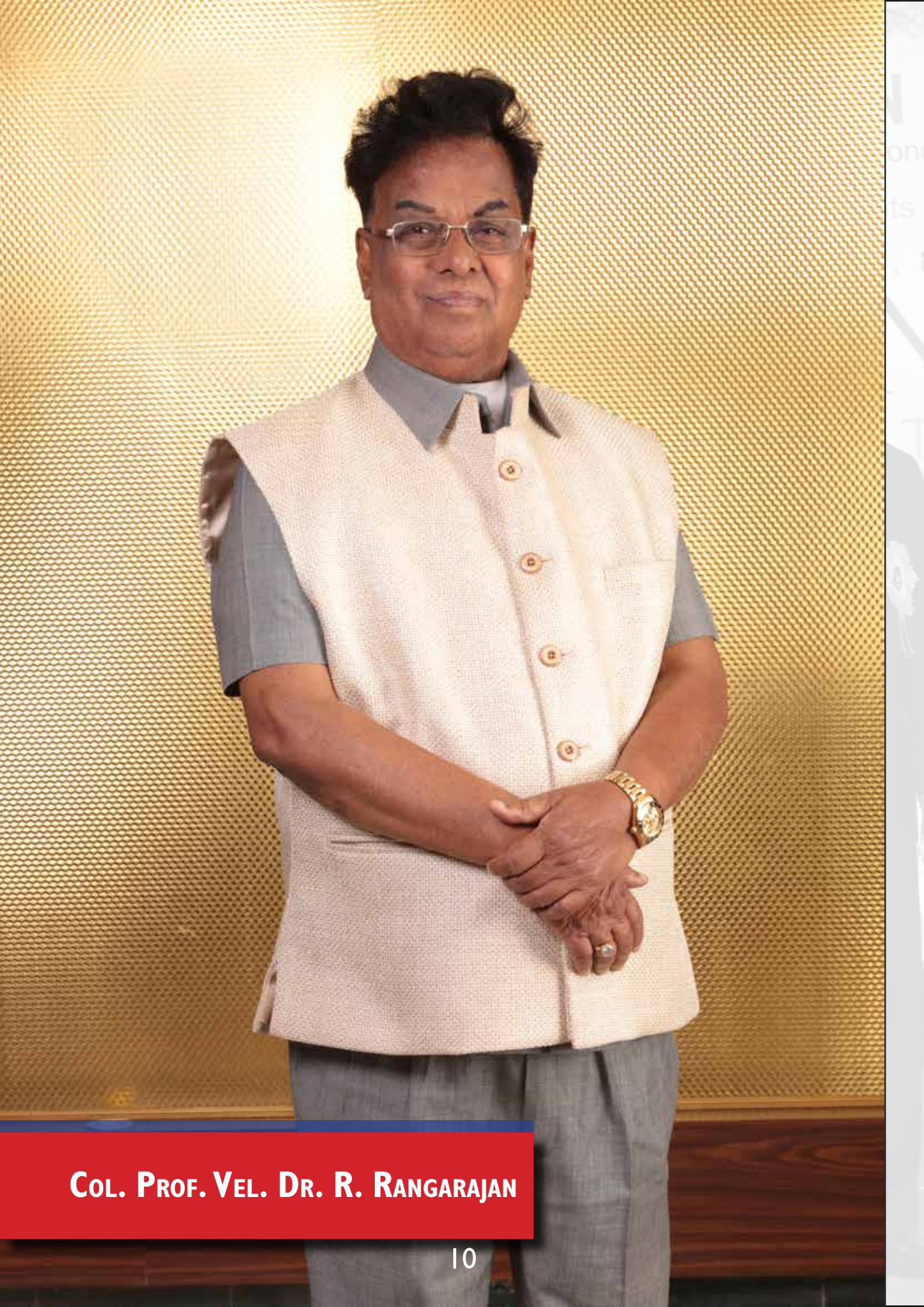
09. Anna University of Science and Technology
10. Anna University of Science and Technology
11. Vel Tech Dr.RR & Dr.SR Technical University, Avadi
12. Anna University of Science and Technology

TIMES TOP 75 PRIVATE ENGINEERING INSTITUTE RANKINGS 2016 - ALL INDIA

21. Anna University of Science and Technology, Chennai
22. Anna University of Science and Technology, Chennai
23. Vel Tech Dr.RR & Dr.SR Technical University, Avadi

23rd

RANKINGS
2016



COL. PROF. VEL. DR. R. RANGARAJAN

FROM THE DESK OF THE FOUNDER CHANCELLOR & PRESIDENT

Dear Students,

Since the inception of the institution, we have always been committed to providing high quality education that emphasizes on gaining knowledge and focuses on the students' holistic development. The knowledge that you will gain, the fine qualities that you will imbibe and the technical skills that you will learn to apply will be your major contribution to your parents, the society, and the Nation. There are challenges that require great efforts. But always remember great effort bears the sweet fruit of success. Once you taste the fruit of success you will never cease working for it. Whatever capacity in which you are associated with Veltech, it is my sincere desire and assurance that you will emerge as an elite person.

You are the Nation-builders. You are the movers of technology. You are the agents of change.

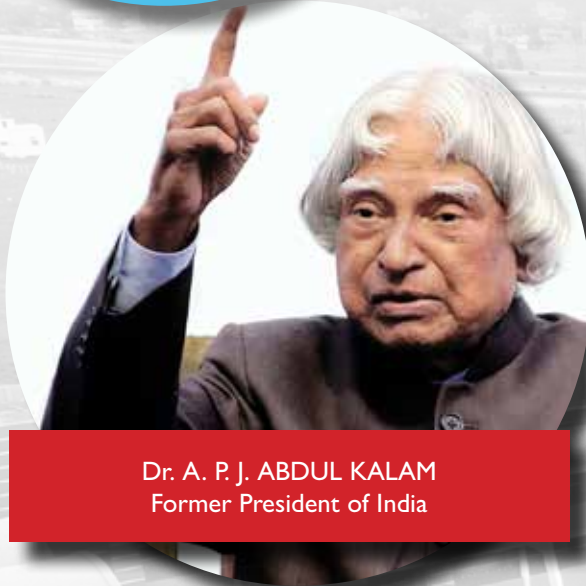
Welcome to Veltech Dr. RR & Dr.SR University

A place to progress and prosper.

A place driven by Determination, Dedication and Duty.

**COL. PROF. VEL. DR. R. RANGARAJAN
WAS AWARDED
VIDYA RATNA AWARD BY
AKKINENI FOUNDATION OF USA**

JUBILATE



Dr. A. P. J. ABDUL KALAM
Former President of India



SHRI. P. S. RAMAMOCHAN RAO
Former Governor of Tamil Nadu
& Former Director General of Police of
Andhra Pradesh



Mr. N. R. NARAYANA MURTHY
Chairman Emeritus, Infosys

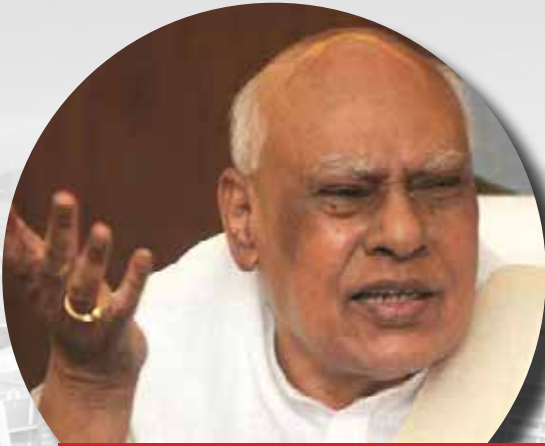


Dr. E. BALAGURUSAMY
Chairman of EBG Foundation, Coimbatore
Former Vice-Chancellor of Anna University



Shri. N. RAM
Chairman of Kasturi & Sons Limited & Publisher of
The Hindu
Managing Director of The Hindu Group

Veltech celebrates the visit of eminent personalities on campus. An exceptional opportunity that offered students an experience to witness and get influenced to impact the society.



Dr. K. ROSAIAH
Former Governor Tamil Nadu
Former Chief Minister of Andhra Pradesh



Mr. G. M. RAO
Founder chairman of GMR Group



Mr. D. J. RAMESH
Chairman & Managing Director,
Vijai Electricals Limited



Padma Shri. Dr. A. S. KIRAN KUMAR
Indian space scientist and chairman of the Indian
Space Research Organisation (ISRO)



Mr. GOPAL SRINIVASAN
Chairman, TVS Capital Funds Limited

“Experience is the only
source of knowledge”
–Albert Einstein



MR. Y. S. CHOWDARY
Rajya Sabha member and the Minister of State,
Ministry of Science and Technology, & Earth Sciences



MS. SAILAJA KIRAN
Managing Director, ETV & Margadarsi Chit funds



Padma Bhushan DR. M R GIRINATH
Cardiothoracic Surgeon, Apollo Hospital, Chennai



MR. C. K. RANGANATHAN
Founder Chairman, CavinKare



Padma Shri Dr.VIJAY KUMAR SARASWAT,
Member, NITI Aayog and
former Scientific Advisor to Defence Minister



MS. SUDHA MURTY
Chairperson, Infosys Foundation



Mrs. MALLIKA SRINIVASAN
Chief Executive Officer of
Tractors and Farm Equipment Limited



Padma Shri DR. SEKHAR BASU
Chairman, Atomic Energy Commission & Secretary
Department of Atomic Energy, Government of India.



SHRI. KISHORE KUMAR SANSI
Managing Director & CEO, Vijaya Bank



Active Learning Environment

- Classroom which can be re-configurable for supporting active learning.
- Faculty teams to devise and implement modern active learning methods.
- The students feedback is captured using classroom response systems for enhancing quality of teaching.
- V-Doers summer camp, a project to conceive design and implement towards finding solutions to societal problems by living in that society

CONCEIVE DESIGN IMPLEMENT OPERATE (CDIO) ▼



- Ignites to conceive ideas for solving real - world problems.
- Imparts abilities to transform ideas to product / process designs and prototypes.
- Student – centred workspaces equipped with modern engineering tools are made available for extended hours.
- Design – builds experiential learning from 1st year onwards.
- Curricula includes two or more CDIO oriented projects.





LEARNING EXPERIENCE

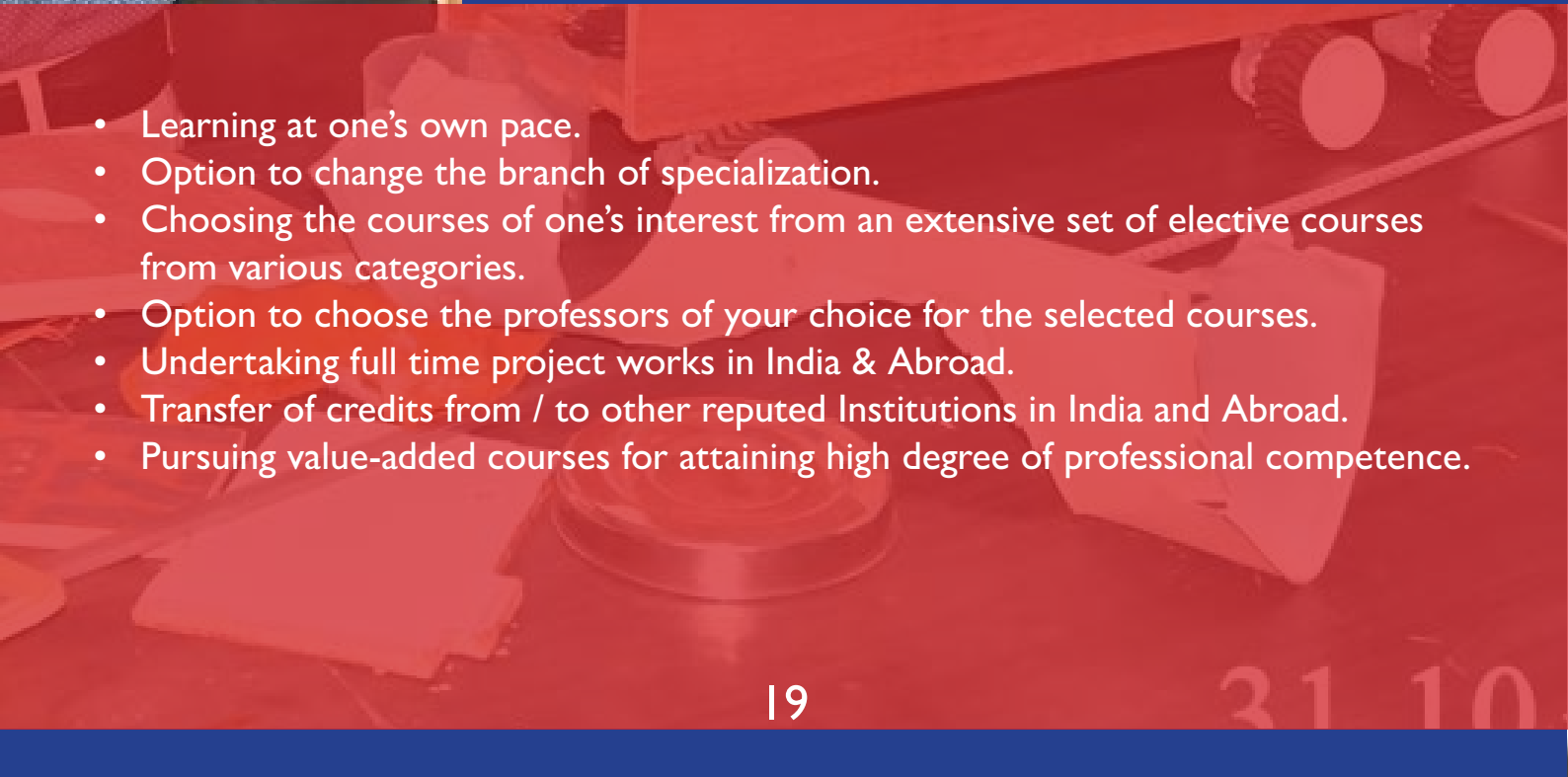
CURRICULA



- The curricula design provides students an opportunity to pursue courses from various categories
- Integrated courses are designed encompassing theory & practical
- Domain specialist from industry teach specialized courses
- University facilitates Industry Internships/In-plant Trainings as part of the curricula
- The curricula design provides opportunities to students for pursuing courses from categories viz Programme Electives/Allied Electives/Value Education Electives

A photograph of a group of students in a classroom. A male student in a red and white plaid shirt is pointing towards a whiteboard. Several female students are looking at the whiteboard with interest. The whiteboard has some handwritten text and diagrams. The background is a blue wall with a window.

CHOICE BASED CREDIT SYSTEM (CBCS) ▼

- 
- A red-tinted background image showing mechanical gears and a gear train, symbolizing a system or process.
- Learning at one's own pace.
 - Option to change the branch of specialization.
 - Choosing the courses of one's interest from an extensive set of elective courses from various categories.
 - Option to choose the professors of your choice for the selected courses.
 - Undertaking full time project works in India & Abroad.
 - Transfer of credits from / to other reputed Institutions in India and Abroad.
 - Pursuing value-added courses for attaining high degree of professional competence.

VELTECH MAHATMA GANDHI NATIONAL MERIT SCHOLARSHIP SCHEME

Objective of the Scholarship Scheme:

- Affordable higher education for students across all States and Union Territories

The University has bestowed **2420 scholarships** worth approximately **12.87 crores** until **2016**.

Scholarships offered in the Tuition Fee based on

- Ranks scored in the All India entrance examination popularly known as VTUEEE (Veltech Dr. RR & Dr. SR University Engineering Entrance)
- PCM/BPC aggregate scored by the Student in their board exams

Veltech Mahatma Gandhi National Merit scholarship in tuition fee for B.Tech Programmes

100% Scholarship will be awarded to PCM / BPC topper from each State / Union Territory among admitted Candidates

Scholarship based on PCM / BPC aggregate		SCHOLARSHIP FOR VTUEEE RANK HOLDERS:	
PCM / BPC aggregate	Percentage of Scholarship in tuition fee	Rank Holders in VTUEEE from each state	Percentage Of Scholarship In Tuition Fee
Above 95%	75%	Top 20 Ranks	75%
94.9 - 90%	50%	Rank 21-500	50%
89.9 - 80%	25%		
79.9 - 70%	10%		

I got an opportunity to do final semester internship in Germany. It was an outstanding experience. I thank the University for being student supportive. I am privileged of being the benefiter of 100% scholarship and also travel abroad to a reputed University to do my Internship.

Vikrant Singh, West Bengal
CSE Department
Internship at University of Paderborn, Germany



My native is Andhra Pradesh. I received 100% scholarship in tuition fee. In my final year, I got an opportunity to do my Internship in an International Industry. Thanks to Veltech Dr. RR & Dr. SR University.

Mukku Sumanth Reddy, Andhra Pradesh
Aeronautical Department
Internship MBDA France



I can't tell you how much I appreciate the scholarship schemes offered by Veltech. I am also a benefiter of the 100% scholarship in tuition Fee. It was a blessing that was given to me. I will always try to make Veltech Dr. RR & Dr. SR University proud.

Sasidhar .P, Tamil Nadu
Mechanical Department
Placed with Computer Science Corporation, India



In an attitude to motivate students, these Scholarships were distributed by eminent personalities like Mr. N. R. Narayana Murthy, Chairman, Infosys, Dr. A. S. Kiran Kumar, Distinguished Scientist, Mr. G. M. Rao , Founder and Chairman of GMR Group, Dr. K. Rosaiah, The Governor of Tamil Nadu, Dr. Prakash Patnaik, Principal Research Scientist, Shri. N. Ram, Chief Editor- THE HINDU to motivate our students.

- **Online applications are available at www.veltechuniv.edu.in**
- **Offline applications are available at our admission offices and regional offices across the country for details call 1800 3070 6949.**

How to Apply

SCHOLARSHIP

I am a student of Aeronautical department with a 100% scholarship benefit in tuition fee. In my final year, the University gave the opportunity to do my Internship in an International Insitute, IZFP Fraunhofer Institute Germany. An unforgettable knowledge gaining experience.

Sneha Davis, Madhya Pradesh
Aeronautical Department
Internship at IZFP Fraunhofer Institute Germany.



I am a benefiter of the 100% scholarship scheme of the University. It supported me to study worry free without financial burden for my education. Thank you Veltech Dr. RR & Dr. SR University

Parveer Sandhu, Punjab
Aeronautical Department
Recruited at WIPRO



DR. SAGUNTHALA RANGARAJAN

FROM THE DESK OF THE CHANCELLOR

Dear Students,

My hearty welcome to you to a Temple of Learning. I am happy to know about your keenness to join our University. You are entering in to the arena of higher education where your future is full of opportunities.

Educational situation in our country has become quite dynamic and competitive, we have to be ready and equipped with the required skills to conquer these newer fields and master newer techniques. We are committed to provide you with excellent education, practical training and facilities in the career you have chosen to pursue. To achieve this we progressively upgrade our programme and syllabi, keeping in view the changing needs of different professions, industries and society at large.

Students of Veltech have proved their mantle in different spheres of industry. We are sure in due course you will also aspire towards joining the society of these elect ones. We are here to help you nurture and make you realize your dreams. So, let us work together to build your career.

I wish you all the best in your all endeavours at Veltech Dr. RR & Dr. SR University.

Affectionately,
Dr. Sagunthala Rangarajan
Chancellor

**DR. SAGUNTHALA RANGARAJAN
WAS AWARDED
VIDYA RATNA AWARD BY
AKKINENI FOUNDATION OF USA**



VISION

To create, translate and share frontiers of knowledge embedded with wisdom and innovation for a positive transformation of emerging society

MISSION

To nurture excellence in teaching, learning, creativity and Research; translate knowledge into practice; foster multidisciplinary Research across Science, Medicine, Engineering, Technology and Humanities; incubate entrepreneurship; instill integrity and honor; inculcate scholarly leadership towards global competence and growth beyond self in a serene, inclusive and free academic environment.

FROM THE DESK OF THE VICE CHANCELLOR



Dear Students,

Education empowers you to empower the society. In a constantly evolving global economic scenario, you need to reinvent yourself and acquire the requisite competencies to stay ahead of the crowd. By imparting knowledge that has a blend of academics, practical experience oriented learning and overall personality development, Veltech Dr. RR & Dr. SR University is committed to grooming students as leaders.

The University practices experiential learning methods, which is of much more recent vintage. The CDIO workspaces, Active Learning environment, engineering hives and Research-Industry collaborated curriculum ensures the same. Multi-ethnic socio environment by students from states across India and numerous countries across the world define the cultural ethos of our University.

In an engineering grad concentric world, a Veltican's high calibre, knowledge efficiency and their persona will set them unique and distinct from the rest. We academicians of the University strive the best of all our ability to enrich our students profile to suit the Industrial market demand.

I heartily welcome you to be a part of this educational expedition that will transform you.

Best Wishes
Prof. Dr. Beela Satyanarayana
Vice Chancellor



PROF. DR. U.CHANDRASEKHAR
PRO VICE-CHANCELLOR

Enhancing the Industry-readiness and employability of the students through intense Industry integrations.
Internationalisation for ensuring global mobility focussed Research for fulfilling societal needs and National missions
Vibrant campus life for the development of overall personality outlook

PROF. DR. A.ABUDHAHIR
DIRECTOR QUALITY ASSURANCE AND
DEAN FRESHMAN ENGINEERING

Vision

To be a Centre for evolving benchmarked quality metrics/ procedures for the educational practices, processes and methods

Mission

To benchmark the practices and processes against CDIO standards, National/International accreditation criteria and ranking parameters for facilitating administrative systems achieving continuous improvement



PROF. DR. P.SARASU
DIRECTOR R&D AND DIRECTOR INDUSTRY RELATIONS

Research and Development:

Vision

Forerunner in providing solutions to societal challenges through interdisciplinary Research.

Mission

To develop infrastructure and policy to promote Research and enhance the collaborations between faculty, research investors, Industries and Research enterprises in India and Abroad.



PROF. DR. TECHN. KOTESWARA RAO ANNE
DIRECTOR ACADEMICS

Vision

To be widely recognised as Asian Leader in transformation of student learning experiences and academic practices

Mission

To provide a vibrant academic environment to students and faculty for pursuing their dreams passionately

OUR LEADERSHIP

Industry Relations:

Vision

Center to develop and sustain symbiotic relationship with Industry for the benefit of students and faculty

Mision

Involve Industry professionals in the academic process and provide opportunity for faculty and students to interact with the Industry through trainings, internships and project consultancy.



PROF. DR. E. KANNAN

REGISTRAR

To be a best practice model for University services and complying with regulatory responsibilities.

PROF. DR. V. PARTHASARATHY

DIRECTOR CAMPUS TO CORPORATE

Vision

Placement opportunity for every student in their chosen path

Mission

Inculcate the culture of competency among students to suit dynamic corporate requirements and be the launchpad for their successful career.



PROF. DR. E.B. PERUMAL PILLAI

DIRECTOR HUMAN RESOURCES DEVELOPMENT CENTRE

Vision

Centre of excellence in enhancing faculty competencies

Mission

Provide wide opportunities and environment for enhancing faculty competence in teaching, learning, personal, interpersonal, product and system building skills





PROF. DR. J. FRANCIS XAVIER
CONTROLLER OF EXAMINATIONS

To execute the evaluation of student learning as per the regulations confidentially and redress the grievances transparently

OUR LEADERSHIP

MR. S.SIVAPERUMAL
DIRECTOR FOR INTERNATIONAL RELATIONS

Vision

To build symbiotic relationship with International peers to infuse global perspective, Internationally competent and culturally sensitive

Mission

Develop policy and create avenues for mutual exchange of students and faculty for various professional engagements such as internship, course, project work and Research



Vel Tech Mahatma Gandhi Merit Scholarship Scheme to Encourage Students for Engineering Career



The Scholarship Program offered in the name of Vel Tech Mahatma Gandhi Merit Scholarship scheme was designed to foster and encourage outstanding students to pursue careers in the field engineering. This Scholarship is the premier undergraduate (B. Tech) award distributed to students across the country.

A grand function honouring the B. Tech 3rd year, final year and Alumni students was conducted at Vel Tech University campus on

9th July 2016, Shri. Kishore Kumar Sansi, Managing Director & CEO of Vijaya Bank, distributed the awards in the presence of Col. Prof Dr. Vel R. Rangarajan, Founder Chancellor & President, Vice Chancellor Dr. Beela Satyanarayana and Pro-Vice Chancellor Dr. U. Chandrasekhar, Dr. Sakunthala Rangarajan, Foundress President, Mrs. R. Mahalakshmi Kishore, Chairperson Managing Trustee & Mr. K.V.D. Kishore Kumar Vice-President were also present.

The University also conferred HonorisCausa, to Shri. Kishore Kumar Sansi in Literature during the special convocation conducted on the same day.

While his speech to Shri. Kishore Kumar Sansi called the students to serve to the society and become the wonderful citizen of this country. Pointed the students to follow the leadership quality of Dr.R.Rangarajan and Mrs.Sakunthala Rangarajan and how they serving to the thousands of people in the surrounding. And he conveyed Vel tech and Vijaya Bank will always help to join hands in this service.

The four year scholarship will cover the cost of tuition fees and hostel accommodation which amounts up to a maximum of Rs. 2,10,000 per year.



ஆவடி வேல்பெடக் பல்கலையில்
தொழிற்சாலை மற்றும் கல்வி நிறுவன கூட்டம்



ஆவடி வேல்டெட் பல்கலைக் கழகத்தில் தடைபெற்ற கல்வி நிறுவனம் மற்றும் தொழிற்சாலைகளின் கண்காணாப்பல் கூட்டத்தில், பல்கலை நிறுவன தலைவர் ஆர்.கங்காஜன், வேந்தர் பரமேஸ்வரன், சந்திரசேகரன், அருங்காசலன் மகாலக்ஷ்மி கிரேஸ், துணைத்தலைவர் சி.பி.பி.வேந்தர்முடிர், இளை துணைவேந்தர் சத் திரசேகர் உ.பி.பா. பல்பேற்றன்,

திருவள்ளூர். அக.24: ஆறுபு. வேலெடிக் பங்கு ஸைக் ஸ்கூல்களில், கல்வி நிறுவனம் மற்றும் தொழிற்சாலைகளின் கலத்தளர வாய்ப்பு கட்டம் தீவிர நடைபெற்றது. இதில் வேலெடிக் கல்வி நிறுவனத்தின் புரிதலுணர்வு ஒப்பந்தம் செய்ததன், 64 இத்தியாண்டினதொழிற்சாலை மற்றும் ஆராய்ச்சி நிறுவனங்களைச் சேர்த்த இலக்குகள் கள், தலைமைப் பொருளாகக் கருவியும் தீர்

விவாதித்தனர். பல்கலைக் கழகத்தின் திருவன தலைவர் ஆர். ரங்கராஜன், வேந்தர் ராய்க்குடர் சஞ்சிதலா ரங்கராஜன், அறுங்காவலர் மகாலக்ஷ்மி கிரேனார், துணைத்தலைவர் கே.வி. டி.வினோத்சுந்தார், இணை துணைவேந்தர் சந்திரசேகர் ஆகியோர் கலந்துகொண்டனர். திசும்பி கிரீஸ் கலந்துகொண்ட அனைவருக்கும் திணைவுபரிசு வழங்கப்பட்டது.

Our Innovative Pedagogy

CREATE NEWS

-NELSON MANDELA

SAKSHI 10.10.2016

■ **Ứng dụng từ văn học**

© 1999, The McGraw-Hill Companies

Regional development Vellore
for BR and DR University
The local Chairman announced the
launch of Vision 2020 The
strategic plan. Deputy Chief
Minister Nimmakuruchi
Chinnappa launched Vision
2020 in Chinnappuram and
received a philatelic stamp
commemorating the event.
Regional Minister, Dr. Jayaram
Bajaj, was also present on Thursday.

most deserving students and distributions were made to Penn State Harrisburg and a Charitable Foundation. Deputy Mayor

Speaking on the occasion, Dr. Bhabha said that the Centre for Design Engineering (CDE) is a joint venture between the Government of India and the Government of Karnataka. He said that the University was established in 1984 and has been a pioneer in the field of design engineering education. He said that the University has been a pioneer in the field of design engineering education and has been a pioneer in the field of design engineering education.



Vel Tech a Part of CDIO Group

Vel Tech Dr RR & Dr SR Technical University (VTU), Avadi, has become the first member from India in Worldwide CDIO (conceive-design-implement-operate) initiative which is an innovative educational framework founded in 2000 by the world's premier institutions with an aim of producing the next generation engineers. VTU president Ranganjaraj said universities should produce graduates said universities should produce graduates with professional attitude in industries ready and can operate machinery. Koteswara Rao Anne, academician, said VTU has achieved membership through its implementation of outcome based education.

Thu, 07 April 2012 10:00 AM
epaper.newindian

LEADER IN INNOVATIVE EDUCATION

Indo-French team develops eco-frie

[illegible]

Electric bicycles set to hit Amaravati roads?

Quinn noted that while a number of the panel members

A black and white photograph showing a group of seven men posing with a bicycle. The man in the foreground is sitting on the bicycle, which has a basket on the handlebars. He is wearing a light-colored jacket and glasses. Behind him, six other men are standing or sitting, some with their arms around the bicycle. They are all smiling and looking towards the camera. The background is a red wall with the word 'Indigo' repeated in a stylized font. The overall mood is cheerful and social.

www.vetechuniv.edu

An effective learning experience for all

Univs handhold Class 12 students

Vinayashree.J@timegroup.com

While schools are busy putting in extra hours to prep students, higher educational institutions are chipping in to sharpen the skills of pupils and teachers. They use workshops, and training sessions that equip students for exams and identify potential subjects for higher education opportunities.

Vel Tech University is conducting motivational programmes for Class 11 and 12 students to help them handle questions within the stipulated time. It also plays video clips with tips from different subject experts on cracking the paper. A number of creative activities are also being carried out as part of these sessions to boost students' confidence.

Another focus area is training teachers to help students. VanIrvine San, general manager, digital marketing, ValTech University, the director of technical education.

(Dots) has appointed the Institution today to active learning methodologies and train teachers across the state. "We have carried out training in Tiruvallur and Vellore. We will continue with sessions in Cuddalore, Madurai and Villupuram. Clarity in subject knowledge is lacking today. We are training teachers, especially of physics, chemistry and maths, so that these subjects can be taught in a seamless manner," she said.

CLEARING CONCEPTS

Institutions said involvement at the school level could help in gauging the level of students and tell them what the outside world is like. "It also gives an idea of how much grooming is required to make them employable," says a senior official.

IIT Madras is also helping students to gear up for Class 12 shape their careers by introducing shopson science from diff

rying out awareness camps and teacher training, primarily for government schools. "Our aim is to increase awareness regarding competitive exams and careers. Many students in government schools are not aware of Joint Engineering Examination. We are conducting awareness camp," said S. Vaidhyasubramaniam, dean (planning and development) SASTRA University. The institute is carrying out teacher training for 3,000 government schools across the state. A six-day residential training camp for teachers, which includes technology awareness, is on. The institute is conducting JEE coaching for 40 students every year. Next they plan to invite students from government schools to their campus.

Institutions like Sri Ramakrishna University are tying up with governmental agencies like department of science and technology to conduct internship programmes. Class II students This year 210 have been selected.

Ind
eco-f



**GLOBAL
VELTECH**

The University has established working relationship with more than 400 Universities, Industries and Research Institutes across the globe and signed formal agreements with more than 85 organisations for various Academic and Research Activities. Working relationship has been established with organisations from 18 Countries such as Australia, Austria, Canada, China, France, Germany, Japan, Malaysia, Mexico, Portugal, Russia, Singapore, South Korea, Spain, Sweden, Taiwan, UK and USA.

These MoUs are established in view of providing opportunities to Students and Faculty members in terms of Intellectual Exchanges and Collaborative Research Activities. The activities includes Semester Abroad Programmes/ Internships (Incoming and Outgoing), Integrated / Dual Degree Programmes (3+1/ 3+2), Special Lectures by the International Researchers (Short and Long Term), Joint Research Activities including Collaborative Funded Research Projects, Joint Lab Establishments etc.,



SEMESTER ABROAD PROGRAMMES / INTERNSHIPS (OUTGOING)



The Universities has acceptance from more than 50 research organisations across 18 countries for one or two semesters for undertaking Course and / or Project.

Every year more than 50 Students are deputed for one or two semesters at the partnering Organisations for taking up Courses and / or Project Works under Joint Supervision. These SAPs gives the students, an International exposure in terms of Latest Technologies as well as Cultural and Social trends. Most of the students get some kind of financial support from the partnering organisation.

The Organisation, where the students undertook Internship / Semester Abroad Programmes includes



SEMESTER ABROAD PROGRAMMES / INTERNSHIPS (INCOMING)

The University regularly hosts students from Partnering Organisations for their Internships / Semester Abroad Programmes. More than 25 Students were hosted by the University from International Organisations for taking up Projects



3+1 Programmes: IGCHE



The University in Association with Indo-German Centre of Higher Education (IGCHE) offers a unique programme, in which the selected students will pursue their first three years at Veltech University along with intensive German Language training and the fourth year of study at one of the 7 IGCHE German Universities of Applied Sciences. At the end of four years, successful students are conferred with a degree both from Veltech Dr. RR & Dr. SR University and one of the following German Universities of Applied Sciences.

3+2 Programmes:



With University of Michigan, Dearbon, USA

- 3 Years at Veltech and 2 Years at University of Michigan, Dearbon, USA
- Scholarship: 80% of fees difference between instate & outstate tuition fee

With National ILAN University, TAIWAN



- B.Tech by Veltech + M.S. by NIU, TAIWAN
- 3 Years at Veltech + 4th & 5th year at NIU, TAIWAN
- Scholarship & Stipend: Full or Half tuition fee waiver based on the performance in the first three years. Stipend upto NT\$8,000/month



**GLOBAL
IMMERSION
PROGRAMME**

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

Research Centres

Special Centres or Facilities Established in association or with the support of Industry / Research Organisations.

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**
Gas Turbine Research Establishment (GTRE), DRDO. Bangalore & Dynaspede Integrated Systems Ltd, Hosur
- **Automotive Engine Test Facility**
ARAI Pune, Ashok Leyland Chennai, TAFE Chennai and Greaves Cotton Chennai
- **Material Science Research Lab**
Armament Research & Development Establishment (ARDE). DRDO. Pune

Structural Research Lab

Defence Materials & Stores Research & Development Establishment (DMSRDE), DRDO, Kanpur

Centre of Excellence

- Centre of Excellence on Virtual Instrumentation, National Instruments, USA
- Centre for Design, Engineering and Manufacturing (CDEM), DASSAULTSYSTEMES France
- Cyber Security Lab, IBM India Pvt. Ltd., Delhi
- R&D Lab for Innovative Devices, FranceCol, France





ENTREPRENEURSHIP INITIATIVES

University encourages
ENTREPRENEURSHIP
skills among their
STUDENT ENGINEERS

VEL TECH TECHNOLOGY BUSINESS INCUBATOR (VEL TECH TBI)

Veltech Dr. RR & Dr. SR University has established a suitable eco system for supporting innovation and entrepreneurship activities in the campus. Vel Tech Technology Business Incubator (Vel Tech TBI) jointly supported by the Department of Science and Technology and Veltech Dr. RR & Dr. SR University is established with an overall budgetary outlay of **5.10 Crore** in the year 2010.

40 Plus Start-up companies with technical and business interests in e-waste and bio waste management, 3D Printing, Robotics, Unmanned air Vehicles, VLSI/Embedded Systems, Fuel cells/Green Energy and IT/ITES are incubating in Vel Tech TBI



Vel Tech TBI has permanent membership in the German head quartered global initiative named **StEP** (Solving E-waste Problem).

Vel Tech — **MSME** Business Incubator under the aegis of Ministry of Small and Medium Enterprises. Govt. of India. Veltech Dr. RR & Dr. SR University provides early stage funding for nurturing innovative ideas (new technologies, processes, products etc..) that can be commercialized

UG Programmes

School of Computing

B.Tech. Computer Science & Engineering
B.Tech. Information Technology

School of Electrical and Communication

B.Tech. Biomedical Engineering
B.Tech. Biotechnology
B.Tech. Electrical and Electronics Engineering
B.Tech. Electronics & Communication Engineering

School of Mechanical and Construction

B.Tech. Aeronautical Engineering
B.Tech. Automobile Engineering
B.Tech. Civil Engineering
B.Tech. Mechanical Engineering

School of Management Studies

B.B.A.
B.Com.

PG Programmes

School of Computing

M.Tech. Big Data Analytics
M.Tech. Computer Science and Engineering
M.Tech. Information and Cyber Security
M.Tech. Network Engineering
M.Tech. Software Engineering

School of Electrical and Communication

M.Tech. Embedded Systems and Technologies
M.Tech. Energy Engineering
M.Tech. Measurements and Control
M.Tech. Power Electronics
M.Tech. Process Control & Instrumentation

School of Mechanical and Construction

M.Tech. Aeronautical Engineering
(Unmanned Aerial Vehicles)
M.Tech. CAD/CAM
M.Tech. Computer Integrated Manufacturing
M.Tech. Construction Engineering and Management
M.Tech. Environmental Engineering
M.Tech. Geotechnical Engineering
M.Tech. Industrial Engineering
M.Tech. Industrial Safety and Engineering

School of Mechanical and Construction

M.Tech. Internal Combustion Engines
M.Tech. Internal Combustion Engines
(In Collaboration With Arai)
M.Tech. Machine Design
M.Tech. Metallurgical and Material Science
Engineering
M.Tech. Robotics
M.Tech. Structural Engineering
M.Tech. Thermal Engineering

School of Management Studies

M.B.A.





PROGRAMMES OFFERED



Dr. Andreas Jahr
FH Aachen, Germany



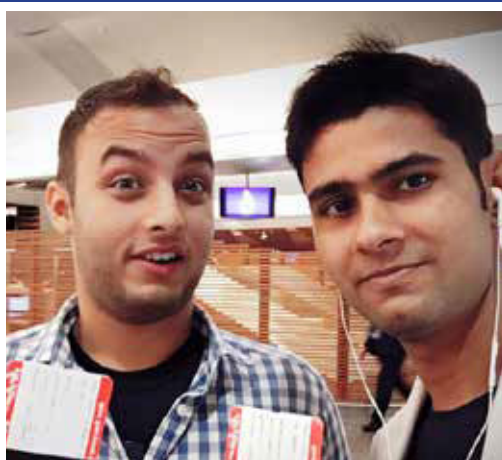
Dr. Pr. Francois Bernot
Francecol Technology, France



Dr. Prakash Patnaik
National Research Council,
Canada



Prof. Dr.-Ing. habil. Ali Cemal Benim
Duesseldorf University of Applied Sciences,
Germany



Dr.-Ing. Dieter Scholz
Hamburg University of Applied
Sciences, Germany



Dr. Eckhardt Schneider
Saarland University, Germany



Dr. Keshav Varde
UMD



Dr. Leo O'Brien
National Aviation Institute



Dr. M.A. Hannan
Universiti Kebangsaan Malaysia



Dr. P.N. Rao
University of Northern Iowa, IA



Dr. Philip Arhets
Fench Embassy



Dr. Roland Bötcher
Bochum University of
Applied Science, Germany



Dr. Simona Badilescu
Concordia University, Canada



Dr. Sutthiphong Srigrarom
University of Glasgow



Prof. Guy Feuillard
INSA, France



Mr. Francois Falempin
MBDA



Mr. Olivier Lucas
MBDA



Mr. Philippe Janvier
French Embassy



Dr. Elmar Wilzcek
WILMAVIA, Germany



Prof. Peter Brooks
University Of Leeds, UK



Dr.- Ing. Andreas gebhardt
FH Aachen, Germany



Dr. Shung Wen Kang
Tamkang University, Taiwan



Dr.-Ing. Ralf Holzhauer
Westfälische Hochschule,
Germany



Prof. Ranganathan
Polytech Tours, France

**“OUR PROGRAMMES BRING OUT
CREATIVITY INNOVATION AND
APPLICATION SKILLS OF THE STUDENTS”**

SCHOOL OF COMPUTING

One of the largest Schools in the University with state-of-the-art laboratories with high performance computing facilities and latest software & hardware equipped systems.

The School frequently invites guest speakers & professors from reputed Industries and Institutions to impart recent trends.



PROF. DR. M. MUNIRATHNAM NAIDU
DEAN



DEPARTMENT OF CSE



DEPARTMENT OF IT





PROFILE:

The department offers a wide range of activities in Cloud Computing, Bio-Informatics, Networking, Data Mining, Text Mining, Cyber Security, Big Data Analytics, Machine Learning & Internet of Things.

Sixty three doctoral students are currently pursuing Research in the above listed areas.

Activities in Cloud Computing Research outcomes are presented / published in National/ International conferences/ journals.

STATE-OF-THE-ART FACILITIES

Center for Department of Advanced Computing
IBM Cyber Security Lab

EMC² Data Analytics lab
Open Source Lab

INTERNSHIP/ PROJECT

National University of Singapore
CSC Hyderabad
IIT Delhi
Council of Scientific & Industrial Research

Microsoft, USA
Tech Mahindra
Infosys
Wipro

Our alumni are working in reputed Companies like

Amazon
Google

TCS
IBM

CTS
ZOHIO

Capgemini
Accenture

STUDENTS ACHIEVEMENTS

- 2nd prize in RBS Hackathon-2016.
- Won Microsoft Imagine Cup competition
- 10+ articles contributed by students were published in Wikipedia.
- Student awarded with “Special Mention” grade in the International Accessibility Summit of shaastra 2017, IIT Madras.

KEY RESEARCH PROJECT:

Social Network Analytics
Identity Security in Cyber Space
Cloud Resource Provisioning
Big Data Analytics
Service Framework

PROFILE

Department is associated with IEEE-Computational Intelligence Society (IEEE-CIS) and offers a wide range of electives in Artificial Intelligence Mobile application development, Big Data Analytics, Cyber security.

STATE-OF-THE-ART FACILITIES

Center for Development of Advanced Computing
IBM Cyber Security Lab

EMC2 Data Analytics Lab

INTERNSHIP/PROJECT

Tamkang Universities, Taiwan
Center for Development of Advanced Computing(C-DAC)
BSNL

HCL
IBM
Infosys

Our Alumni are employed in reputed companies such as

Infosys
ZOHO
Tech Mahindra

Accenture
KAAR technologies
TCS

STUDENTS ACHIEVEMENTS

- Mr. Vinay Rajan, our alumnus initiated a start-up company M/s Cybergyan IT solutions and services in 2013.
- Students won prizes in TCS core, Vita and IBM Hackathon.

DEPARTMENT OF

INFORMATION AND TECHNOLOGY





DEPARTMENT OF ECE





DEPARTMENT OF EEE

SCHOOL OF ELECTRICAL AND COMMUNICATION

Students of the School actively participate in nationally reputed clubs such as robotics club and small device programming club, to enthuse and bring out their design skills from them.

Many of our faculty members in the School received doctoral degrees from reputed Institutions from India and Abroad.

The students of the School are involved in Nationally significant projects namely Small Satellite projects in collaboration with International Industries in France, Germany etc.

Programmes are designed and developed in close interaction with Industry partners like C-DAC, FCRI, RAI, NAASCOM etc.

PROFILE

The department faculty members adopt Active Learning methods and CDIO approach for teaching and to bring in a futuristic design experience to the class room.

STATE OF THE ART R&D LABORATORIES

- Centre for Excellence in Virtual Instrumentation in association with National Instruments
- e-yantra Robotics laboratory initiated by IIT Bombay sponsored by MHRD
- Advanced Communication Lab equipped with industry standard equipment and software (unique facility available with very few premier institutions in India)

STUDENT DEVELOPMENT ACTIVITIES

- Programming Club that conducts regular training sessions and coding contests to create community of programmers to share ideas.
- Robotics club offers periodic hands on practice on Robotics and motivates the students to participate and win in reputed project design contests.
- Every semester four to five courses on recent trends in Electronics and Communication Engineering, are offered to the students by guest professors from reputed universities from Asian and European countries.

STUDENT WORKSHOPS

- LabVIEW
- Embedded Systems using Advanced Microcontrollers
- Signal processing using Texas DSP processors
- FPGA & ASIC Design

STUDENT ACHIEVEMENTS

The faculty and students of ECE department won awards like

- CANEUS Lockheed Martin Award in IISC for Small Satellites
- Aegis Graham Bell Award for Unmanned Aerial Vehicles

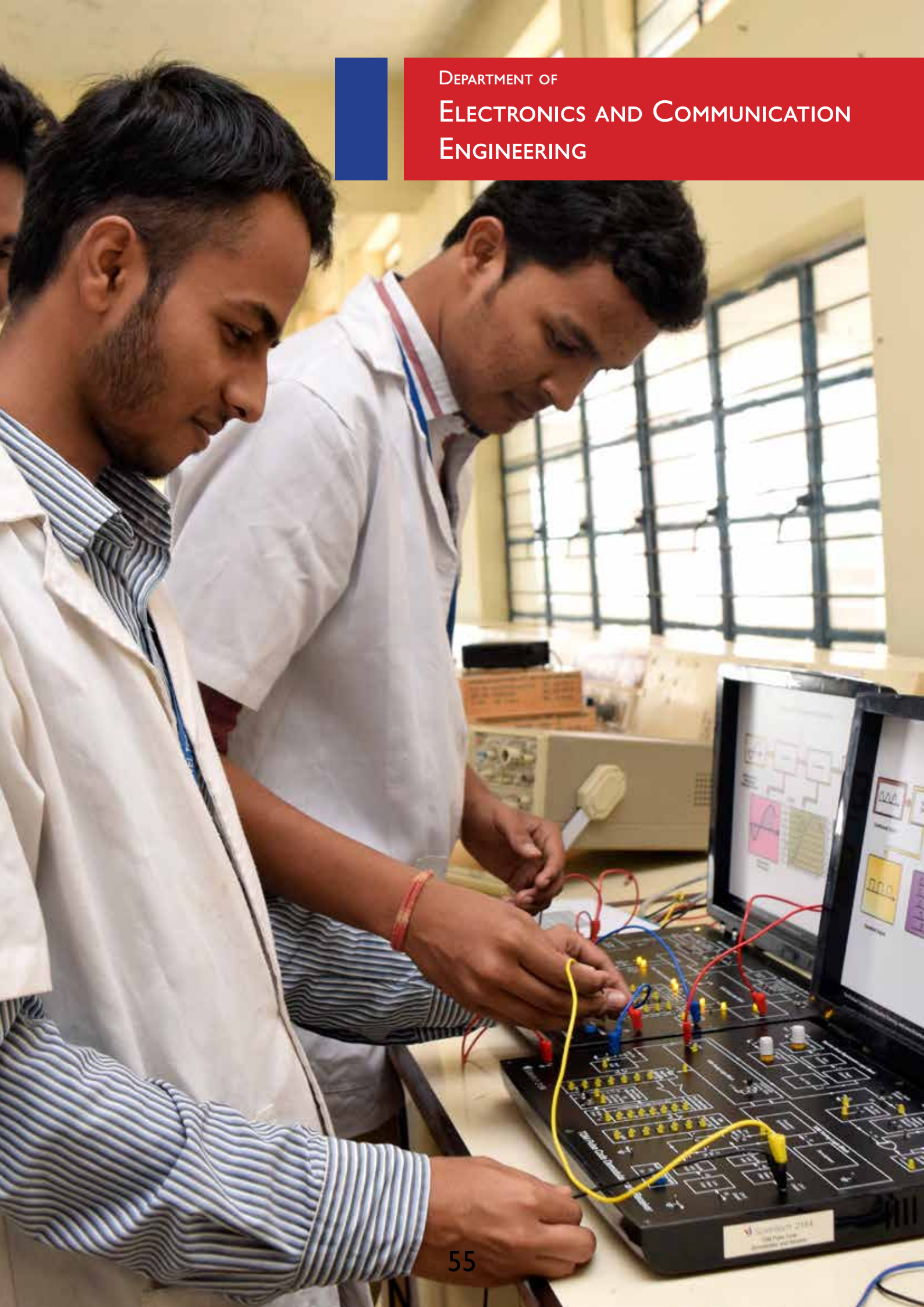
Our Alumni are employed in reputed companies like

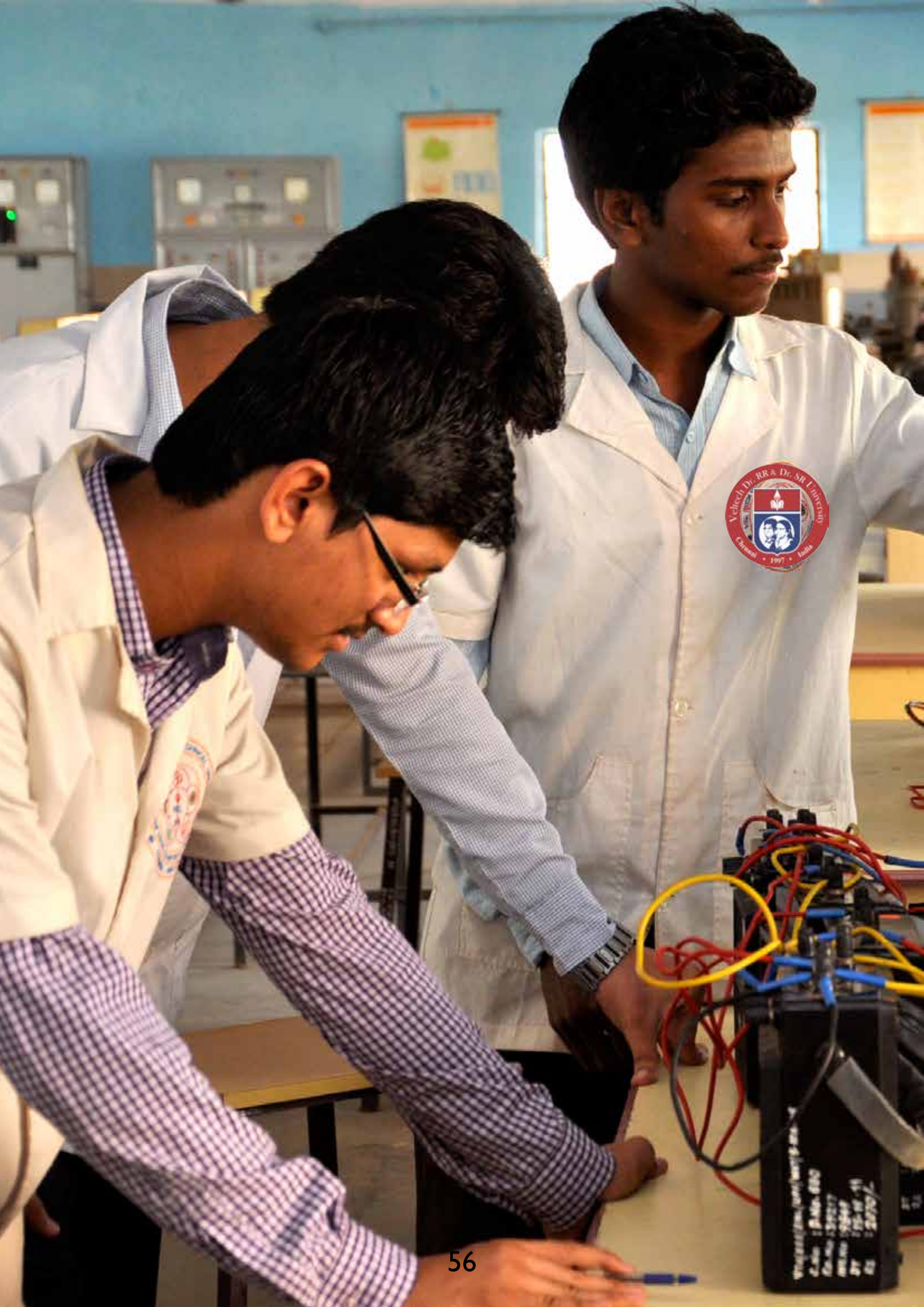
BOSCH	EMC2
Shwing Stetter	Zebronics
Va Tech Wabag Ltd.	Mu Sigma
IBM	Wipro

KEY RESEARCH PROJECTS

- Innovative wheel drive to enable widespread Electric Bicycle Transportation (IWDEB) in collaboration with France based organisation
- Design and Development of Small Satellite Systems
- Design and Fabrication of RF & Microwave Antennas
- Wireless Sensor Networking for IoT Applications
- Cutting Edge Research in Smart Systems

DEPARTMENT OF
ELECTRONICS AND COMMUNICATION
ENGINEERING





PROFILE

The department offers courses in collaboration with Fluid Control and Research Institute and specific skill oriented course on LED Lighting Technology in association with Kwaliti Photonics Ltd, Hyderabad.

STATE OF ART FACILITIES

Francecol Centre for Innovative Devices Lab	Process control Lab
Centre of Excellence on Virtual Instrumentation	Simulation Lab
B & R Automations Lab	Drives Lab

SPECIFIC SKILL ORIENTED COURSES

LED lighting technology in collaboration with Kwaliti Photonics Ltd, Hyderabad

INTERNSHIP /PROJECT

Kristianstad University, Sweden	Francecol Technology, France
Brakes India Ltd	Power Grid Corporation Of India Limited
NCKU, Taiwan	Rectifiers & Electronics Pvt. Ltd.
National Institute of Wind Energy	

Our Alumni are employed in reputed companies like

ZOHO Corporation	Quest Global
Maruti Suzuki	Reliance
Indian Railways	TNEB
State Govt. Agencies	

KEY RESEARCH PROJECTS ON

- Automotive Electronics
- Control Systems
- Power Electronics & Drives
- Renewable Energy

DEPARTMENT OF

**ELECTRICAL AND ELECTRONICS
ENGINEERING**



DEPARTMENT OF MECHANICAL



DEPARTMENT OF AERONAUTICAL

SCHOOL OF MECHANICAL AND CONSTRUCTION

Students of the Univeristy consistently participate and win awards in international events.

The School houses laboratories which are one of its kind. Such National facilities are available with very few reputed Institutions in India.

Many students from the School avail the opportunity to travel abroad to complete a semester/ joint programme in various reputed Universities.

Students & faculty work on cutting edge projects in
MBDA missile system
ISRO
Ashok Leyland
Bosh



PROF. DR. A.T. RAVICHANDRAN
DEAN



DEPARTMENT OF CIVIL



DEPARTMENT OF AUTOMOBILE



PROFILE

First Aeronautical programme from India received NBA Tier I (Washington Accord) accreditation

STATE-OF-THE-ART FACILITIES

Flight Mechanics and Control Lab	Center for Autonomous Systems
High Speed Bearing Test Facility	Aircraft Simulator
Rocket Motor Test Facility	Center for Design

These facilities are available only in very few reputed institutions in India.

INTERNSHIP / PROJECT

MBDA Missile Systems, France	University of Hamburg, Germany
Hindustan Aeronautics Limited, Bangalore	Nanyang Technological University, Singapore
National Cheng Kung University, Taiwan	Defence Research and Development Organization, Chennai
National Aerospace Laboratories, Bangalore	

Our Alumni are employed in reputed companies like

Airbus India	Indigo Airlines	Hindustan Aeronautics Limited, Bangalore
Quest Global	Indian Airlines	

KEY RESEARCH PROJECTS

- Development of Indigenous Autopilot Technology
- Unmanned Aerial vehicle for versatile applications in collaboration with Korean and French Industry partners
- Gas turbine bearing test and characterization
- In-flight parameter estimation of Unmanned Aerial vehicle

DEPARTMENT OF

AERONAUTICAL ENGINEERING

PROFILE

The department offers UG and PG programmes in close collaboration with:

- Automotive Research Association of India Pune
- Central Institute of Road Transport, Pune
- Global Automotive Research Center, Chennai
- Tractor and Farm Equipment's, Chennai

The department has established versatile facilities

Automotive Engine Testing Facility
Engine Simulation Lab
Automotive Tire Balancing & Removal
Lab

Computerized Wheel Alignment Test Facility
Fuel Injection System and Calibration Lab
Two & three Wheeler Chassis Dynamometer

INTERNSHIP / PROJECT

Ashok Leyland
Mahindra and Mahindra

PolyTech Orleans, France
Institute National des Sciences Appliquées de Lyon,
France

Our Alumni are working in top Automobile Industries like

TVS Chennai
TATA motors Lucknow and pune

Mahindra and Mahindra
Maharashtra

Cummins Pune
Maruti Suzuki India
Limited

STUDENT ACHIEVEMENTS

- First prize in Daimler Student Innovation Competition, Dresden, Germany
- International Students Green Car Competition organized by Korean Auto-Vehicle Safety Association (KASA) - Creative Technology Award-2015 and Outstanding Team Award - 2015
- First prize in Solar bikes competition RIDE 2K15 SAE Collegiate club
- First prize in Mini bike and Go kart car club
- SAE BAJA, SUPRA SAE

DEPARTMENT OF

AUTOMOBILE ENGINEERING



DEPARTMENT OF
CIVIL ENGINEERING



PROFILE

- Department focuses on Advanced Research and education in broad areas of Geotechnical, Structural, Transportation, Water Resources and Environmental Engineering
- Well experienced faculty members with Ph.D.s, from premier Institutions.
- Dynamic interaction with International / National professional societies such as ACI, ASCE, ISTE, ICI, CEA, ISET, IE, IGS, CSI etc
- The department has International collaboration with many foreign Universities for student exchange programme.

STATE-OF-THE-ART FACILITIES

Concrete Technology Lab	Geotechnical Engg. Lab	Strength of Materials Lab
Environmental Engineering Lab	Survey Laboratory	CAD Laboratory

VALUE ADDED COURSES

- Specific skill oriented programme electives by eminent professors from France, Germany, Taiwan and Singapore
- Computer Aided Drafting for Architecture and Interior Design
- Hands on training on “Digital Total station” in collaboration with leading industries.

INTERNSHIP / PROJECT

Structural Engineering Research Centre

Southern Railways

National Cheng Kung University, Taiwan

Nanyang Technological University, Singapore

IITs

National Environmental Engineering Research Institute,

Defence Research and Development Organization, Chennai.

Our Alumni are working in reputed companies like

L&T Construction	Multinational companies
Government of India projects	GVR Infra Projects Ltd. Chennai
RDC Concrete (India) Pvt Ltd.	

KEY RESEARCH PROJECTS

- Development of Fiber Reinforced Aerated Concrete with Epoxy Coating for Structural Panel Application – funded by DRDO
- Structural Health Monitoring of long span Railway Bridges and Heritage Structures
 - In collaboration with University of Victoria, Canada - funded by DST, New Delhi.

PROFILE

First among South Indian Deemed Universities to get accredited by NBA TIER I (Washington Accord) accreditation for B. Tech. Mechanical Engineering Programme. The department focuses on advanced areas like automation, robotics, composite materials and additive manufacturing.

STATE-OF-THE-ART FACILITIES

3D Printing/Rapid Prototype	Design Laboratories
Robotics Laboratory High Speed	CNC Machines Laboratory
Bearing Testing Laboratory	E Waste Management
Advanced Materials Laboratory	

INTERNSHIP / PROJECT

Volkswagen India	Sundaram - Clayton Continental Engines Ltd
Saarland University, Germany	Tamkang University, Taiwan
WABCO India	TAFE Ltd.,
Renault Nissan Automotive India	Hindustan Aeronautics Ltd.,
Orleans University, France	National Cheng Kung University, Taiwan

Our Alumni are working in reputed companies like

Hyundai Motors	TITAN Industries	Renault Nissan India
Quest Global	TATA Motors	TCS
Caterpillar India	KONE Elevators India	Mitsubishi Hitachi Power Systems

KEY RESEARCH PROJECTS

- Design, Development and Formation Control of Micro Ornithopters
- Robotic Assisted Rapid Prototyping of Near Net Shape Components
- Full Field Non-Contact SHM Protocols for Long Span Railway Bridges and Heritage Structures
- ZnO Nanowire Modified carbon fibres for Interfacial studies & Energy Harvesting

DEPARTMENT OF

MECHANICAL ENGINEERING





DEPARTMENT OF BIOTECHNOLOGY



DEPARTMENT OF BIOMEDICAL



DEPARTMENT OF
BIOTECHNOLOGY

PROFILE:

Biotechnology Engineering is an emerging discipline which is combined study of engineering and biology for Research and Development. Biotechnology Engineers involve in the development of Medical, Agriculture, Security and Bio-Research. B. Tech – Biotechnology at our University will provide you with the opportunity and the skills to enhance your Research using biological principles and systems to create new products. The University provides opportunities to investigate the economic basis for current biotechnology structures and areas of future demand.

CAREER PROSPECTS

- Pharmaceutical companies
- Health care
- Water delivery and purification
- Distilling and distillation by-products
- Genetic engineering
- Biomedicine, including the development of cancer prevention drugs
- Agriculture
- Marine Biotechnology
- Aquaculture
- Biofuels and many more



DEPARTMENT OF BIOMEDICAL ENGINEERING

PROFILE

Biomedical Engineering involves in the development and manufacture of prosthesis, medical equipment, diagnostic devices and drugs. The department deals with the study of engineering laws and techniques that are applied in the medical sector. The curriculum taught prepares students to be field ready practicing engineering methods and theories to examine and resolve problems in Biology and Medicine thereby provide a complete enhancement to health care. Curriculum includes topics such as Bio-mechanics, Tissue and cellular engineering, Genetic engineering, Orthopedic surgery, Bio-instrumentation, Medical imaging and Bio-materials.

SCHOOL OF MEDIA TECHNOLOGY AND COMMUNICATION

An ideal training ground for budding media professionals.

The state-of-the-art infrastructure is used widely to produce audio-visual productions, photography assignments, graphics and multimedia projects including 2D/3D Animation.

The School has well-equipped multimedia labs, production studios and shooting floors.



MEDIA SCHOOL BUILDING





The University inked
MOU with The Centre
for Digital Media,
Vancouver, Canada

STATE-OF-THE-ART-FACILITIES

- Television shooting floor - One of the largest in the city.
- Editing Suite - MAC based master editing console.
- Multimedia Lab - High capacity computer networked labs with 2D/ 3D Animation softwares.
- Audio Suite - MAC platform with Pro Tools to record with audio console.
- Photography Shooting floor - Equipped with high-end DSLR cameras and lights.

SCHOOL OF MANAGEMENT

School of Management offers outstanding management education to students each year.

A rigorous and flexible curriculum prepared to handle all kinds of market situations.

The goal of the Programme is to develop students as an innovative leader and imbibe the fundamental concepts.

The concept is built on competencies that are appraised by employers in the current market situation.

The TEAM of faculty and staff will work with the Students to achieve their professional goals and groom students as leaders who can inspire and influence the future of the business community.





SCHOOL OF SCIENCES AND HUMANITIES

SSH comprises of five departments namely, Physics, Chemistry, Mathematics, Biology and English. Most of the Professors, possessing more than a decade-long experience and with international teaching and post- doctoral research exposure, engage themselves in high quality Research and excellent teaching.



SSH takes care of imparting fundamental knowledge and skills that are required for first year engineering students through Active Learning Methods, team projects, open-ended problem solving, experiential learning and engagement Research which are the integral elements of engineering education. About 50 per cent of academic delivery process is happened through active learning methods such as Jig-saw, Think-Pair-Share and Peer Instruction.

Professors of SSH guide Research scholars towards Ph.D and Post-doctoral programmes, published numerous research papers in high quality journals and authored text books which are followed in many institutions in India and abroad.

A passionate team of well-qualified professors with adequate competency in teaching skills facilitates students' learning uncompromisingly through Active Learning Methods such as Collaborative / Cooperative learning and Problem / Project Based Methods. The state-of-the-art active learning classrooms, equipped with student response devices, enhance the students' learning manifold.



M.Tech.

Aeronautical Engineering (Unmanned Aerial Vehicles)

Big Data Analytics

CAD/CAM

Computer Integrated Manufacturing

Computer Science and Engineering

Construction Engineering and Management

Embedded Systems and Technologies

Energy Engineering

Environmental Engineering

Geotechnical Engineering

Industrial Engineering

Industrial Safety and Engineering

Information and Cyber Security

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

Robotics

Software Engineering

Structural Engineering

Thermal Engineering

M.B.A.

**PG
PROGRAMMES**

The University offers Value Added Courses to enhance the engineering and employability skills for students' to gain fair opportunity in the open market. Value Added courses offered are:

GATE/ IES/ CIVIL SERVICE TRAINING COURSES

The University organizes GATE/ IES/ Civil Service coaching classes within the University Campus. A Top notch faculty panel, with rich experience guide the students to realize their dream come true and to crack GATE/ IES/ Civil Service.

COACHING FOR COMPETITIVE ENTRANCE EXAMS TO STUDY ABROAD

Many Universities around the world require GRE/TOEFL/IELTS results as part of their admissions process for postgraduate students. The test results help to identify strong candidates, best suited to the course.

- GRE is the most widely accepted graduate admissions test to gain admission for postgraduate study.
- The International English Language Testing System (IELTS) Universities in Australia, USA, UK, Ireland, Canada, Hong Kong and New Zealand require a certain level of English proficiency as a mandate requirement to study as an International student.
- Test of English as a Foreign Language (TOEFL) is a standardized test to measure the English language ability of non-native speakers wishing to enrol in English-speaking Universities abroad.

Coaching classes are conducted for these admission tests on campus by top notch faculty from reputed academies.

INDUSTRY ORIENTED TRAINING COURSES

Students' are offered courses on campus in domains such as SAP, CCNA, engineering analysis, application/database security, identity management, CATIA/SIMULA/Innovia/Delmia certification courses, ETAP Electrical Circuit Design course etc with partner Institutes. Partner Institutes are SAP, CCNA, REDHAT, ANSYS, IBM, VOLTECH, Dassault Systems France, CISCO, EMC 2 , Microsoft and National Instruments Lab View etc

LANGUAGE PROFICIENCY COURSES

Foreign language courses offered on campus for improving language proficiency of students. Coaching offered on: German, Japanese, Spanish, French and Mandarin.

**VALUE ADDED
COURSES**

Veltech Dr. RR & Dr. SR University is working with more than 2500 Industries and Research Institutes across the Globe for various Industry–Institute Interaction Activities such as Internships, Industrial Visits, In-Plant Trainings, Guest Lectures by Industry Experts, Projects, Industry Recommended Electives, Placements for students of all the streams, Joint Degree Programmes, Internships for Faculty members, Joint Research & Consultancy Works, Establishment of Joint Centres and for Tailor made Programmes for Industry Professionals.

INDUSTRIAL RELATIONS

Joint Degree Programmes

Post Graduate Programmes (M.Tech and MBA) are offered in association with Pioneering Research Institutes and Industries. This opportunity provides students to undergo their programmes with Partnering organisation to gain hands-on experience in the latest technologies. Eleven such Programmes have already been launched and are being offered successfully.

Joint Research Activities

The University has undertaken joint Research activities with the funding support of the University / Industry / Government Funding Agencies.

**“JOIN THE
PROFESSIONAL
WORLD
THROUGH US”**



Honourable Chief Minister of Andhra Pradesh Mr. N. Chandrababu Naidu and Mr. K. V. D. Kishore Kumar, Vice President, Veltech Dr. RR & Dr. SR University exchanged an MoU during the partnership summit 2017 for developing e-Bicycle with Francecol, France.



Honourable Chief Minister of Andhra Pradesh Mr. N. Chandrababu Naidu, with e- Bicycle developed by Veltech Dr. RR & Dr. SR University



M.Tech & MBA Joint Degree Programme with Industry.

INDUSTRY RECOMMENDED ELECTIVES

The electives are introduced with credits to give Industry exposure, which enhances their Placement opportunities in their specialised field of study..

INDUSTRIAL VISITS

Students are given exposure to different sectors of Industry such as IT, manufacturing and services, finance and marketing to help combine theoretical knowledge with industrial experiential knowledge. More than 125 such Industrial Visits are arranged every academic year.

Objectives: providing students an insight of internal working of companies.

Aim: to go beyond academics, industrial visit provides student a practical perspective on the world of work.

IN-PLANT TRAINING

These Summer and Winter Trainings give an opportunity for the students to have hands-on experience on Industry technologies for week-months duration.

Students are deputed to more than 180 Industries across the Country and Abroad every year.

PROJECTS

Final Year Project Work at Industries are arranged by the University. The projects are Innovative and Real-Time Works with respect to their Specialisation. Duration: 5-6 months guided by Industry Experts jointly with Faculty Guides. Some Students get opportunity to work in Industries Abroad. Student Projects are well appreciated by the Industry as they help contribute / supplement / improve their regular works. Some of the students were recruited by the same Industries based on their performance and contribution.

To highlight: An Industry appreciated that our students projects could help save an amount of Rupees 65 Lakhs in their project.

GUEST LECTURES

Experts from Industries are invited regularly for sharing their Experience and Expertise with the Students. These lectures are mostly on the latest technologies with-in as well as beyond the Curriculum.

Domain experts from leading Industries and Institutes are invited for knowledge sharing with the students. More than 150 Guest Lectures per Semester are being arranged for the Students.

INDUSTRIAL RELATIONS





Building a Future Ready Talent Pool A 2017 Perspective



PLACEMENTS



The University embeds skill sets that enhance the employability of our students on

- Core and Advanced engineering fundamental knowledge enrichment
- Interpersonal Skills: Multi-disciplinary team-work & Communication versatility
- Personal and Professional Skills & Attributes
- Reasoning and problem solving

The Placement Department offers PLACEMENT TRAINING PROGRAMME

Placement oriented courses embedded with regular curriculum with a proper blend of

- Quantitative Aptitude and Verbal Coaching
- Online support for practice and assessment
- Mock interview and Group Discussions with corporate experts

DREAM OFFER TRAINING PROGRAMME

- Customized Technical training with the support of Industry experts
- Constant follow-up and technical staff support for every ten students
- Real-world competition challenging technical issues faced by the corporate
- Continuous assessment through the forum which is used by corporate for their recruitment

REAP A SALARY RANGING FROM 6.5 - 28 LAKHS P.A.



DREAM JOB COMPANIES





DANCE CLUB

ARTS AND DRAMA CLUB

SPORTS

KARATE CLUB

ENVIRONMENT CLUB

PHOTOGRAPHY CLUB

CLUBS



ENTREPRENEURSHIP CLUB

TOASTMASTER CLUB

COMPUTER GAMES CLUB

MUSIC CLUB

ANNUAL EVENTS



IDAD

An event that focusses on designs and developments which are the aspirations of tomorrow's technologies for Aero and Auto Industries to be alive in the competitive world.



VISAI '16

It is an Annual Mega Event conducted in the month of February. The project themes have been augmented to kindle innovative ideas that will have a big impact on the Grand Challenges of the Nation.



LAVAZA '16

An Annual International Tech Cultural extravanza conducted by the University. A self evolving episode, by the war of intellectual brains.



TDI DAY

Teaching Developers Initiative. Tamilnadu School teachers are trained in the use of digital tools and Active Learning methodologies to infuse effectiveness in academics, foster innovation and creativity.

SPORTS



Veltech Dr.RR & Dr.SR University Kabaddi Team secured the 2nd Position among 652 Universities in the All India Inter University Kabaddi Men Tournament 2017



Veltech Dr.RR & Dr.SR University appreciates and recognises sports eminence of the candidates. Students with achievements in State/ National level Tournaments can avail concession in tuition fee. In regard of the Sports quota you can write to admission@veltechuniv.edu.in

FACILITIES

VIJAYA BANK ATM



BOYS GYM



ENGINE TESTING LAB



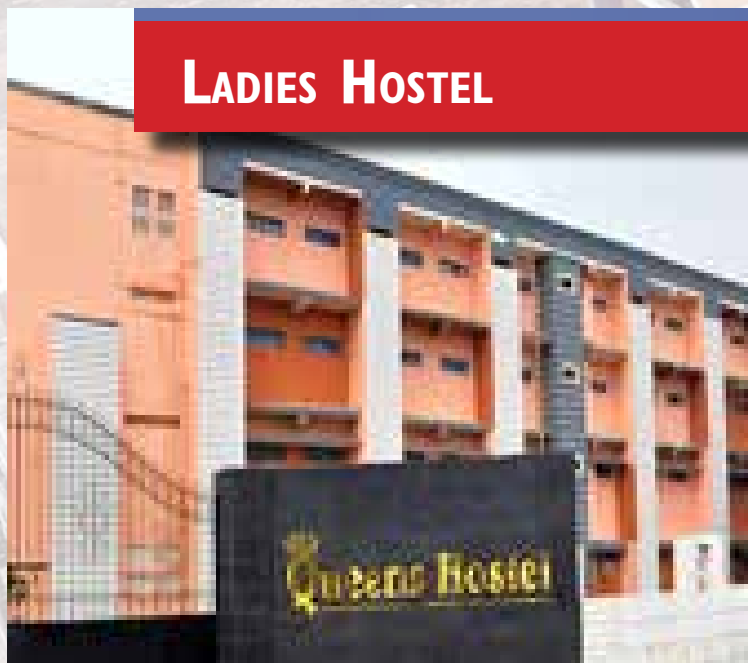
INTERNATIONAL HOSTEL



LIBRARY/ DIGITAL LIBRARY



LADIES HOSTEL



FRANCECOL INNOVATIVE DEVICES LAB





GIRLS GYM



CDIO WORKSPACE



LORDS HOSTEL MEN



PRINCE HOSTEL MEN



TECHNOLOGY BUSINESS INCUBATOR



KNOWLEDGE RESOURCE CENTRE



ENGINEERING HIVE



INTL. GUEST HOUSE



I am an Achiever & a Veltechian, I cleared my IES in 2016. I believe Motivation is a very important parameter in one's life and I found my motivator at the University he was my guru Mr. H.K Singh from ECE department. The message I have for my Juniors is 'utilise that tremendous energy inside you, feel this energy and use this energy as a weapon to achieve your dreams. Good Luck Friends'.

Vaibhav, civil engg 2009-2013 batch.
Gate rank in 2013-AIR-919
Gate rank in 2014-207
Cleared IES 2016



I'm from Manipur, I completed my B.Tech in Electronics and communication in this University. This institution has given me an enriching experience which has made me a strong, confident, brave and a knowledgeable independent women. I got placed in HCL technologies, I chose to work for a year and then moved on to do my Masters from Nagoya Institute of Technology, Japan.

RAJKUMARI IRENA DEVI
VtU 120 ECE 2010 – 2014
MASTER OF SCIENCE IN NANO TECHNOLOGY
NAGOYA INSTITUTE OF TECHNOLOGY
JAPAN



I feel very integrated in my class. Even the Professors do not hesitate to help us in understanding courses. When we want something, we just have to ask them, and we obtain what we wanted. I also really appreciate the comfort in the Guest House. The accommodations at the guest house are good and we also have the freedom to get out and in of the guest house whenever we want

MARTIAL BLANCHET,
INSA (Institut National des Sciences Appliquées
Centre Val de Loire), France.



I am placed with IBM and wipro. I am grateful for the 100 % scholarship in tuition fee scheme, the nurture and care given to me. I am looking forward to what I have yet to conquer.

Rohit Kumar, Delhi
CSE department
Placed with IBM/ Wipro

TESTIMONIALS



"Those 4 years I spent at the University was undoubtedly my most rewarding and enjoyable years, the Institution has instilled in me a mind-set of critical thinking, continuous improvement and professionalism preparing me for the real world, here is where my foundation was laid towards building my skill sets, developing new and varied talents, definitely a place to learn and excel".

Company : Mphasis Limited
Designation : Project Manager
Role : Project Manager, Corporate Social Responsibility Chennai Head.



The amount of growth that happens at the University is amazing. Dedicated faculty tailored their pedagogical skills to nurture and equip me to become a successful person.

Dileep J Kurian
Silicon Architecture Engineer
Intel



UNIVERSITY amazed me, education was never to be a book worm but was theory implied to practical learning with hand on experience. I didn't feel lost in the crowd of students but special. I would cherish my 4 years of study till my last beat and would recommend my University to any student who wishes to grow not only technically but also as a responsible individual to the society.

S.UPPILI PRASANA
MS IN AUTO/INDUSTRIAL ENGINEERING
UNIVERSITY OF MICHIGAN, Dearborn. U.S.A



Unveiling of the University's INSIGNIA by
Shri Gorantla Butuiah Choudary, MLA Rajahmundry
Rural



Honourable Deputy CM Shri Nimmakayala Chin-
narajappa Launched Vision 2021

To create, translate and share frontiers of knowledge
embedded with wisdom and innovation for a positive
transformation of emerging society

The University seeks to nurture the inquisitive minds of the students and to
develop their talents, aptitude, skills, knowledge and critical thinking. It strives
to develop the personal, social and professional values of the students

Transformative Teaching - Learning

Industry Integration

Global Immersion/ Partnerships

Multi-disciplinary Research

Faculty Quality & Improvement

Incubation and Entrepreneurship

Excellence in Infrastructure

Training & Career Development

ACADEMICS

RESEARCH &
INNOVATION

HUMAN RESOURCES &
INFRASTRUCTURE

GOVERNANCE WITH INTEGRITY

NBA/ NAAC/
NIRF/ QS/
ABET
Accreditations
& Ranking

CDIO
Practices/
Active
classrooms
workspaces

International/
Industry
Collaborative
research and
Grand Engg.
Challenges

Joint PG/ UG
Programs with
Industries.
Internships &
Jobs

NSS, NCC
Teacher
Training &
Outreach
programs

NIDHI COE/
Technology
Business
Incubation

Framework of Vision 2021 & Strategic Plan

FROM THE DESK OF THE VICE PRESIDENT



Dear Students

Do you have a dream? Has that dream become your vision!

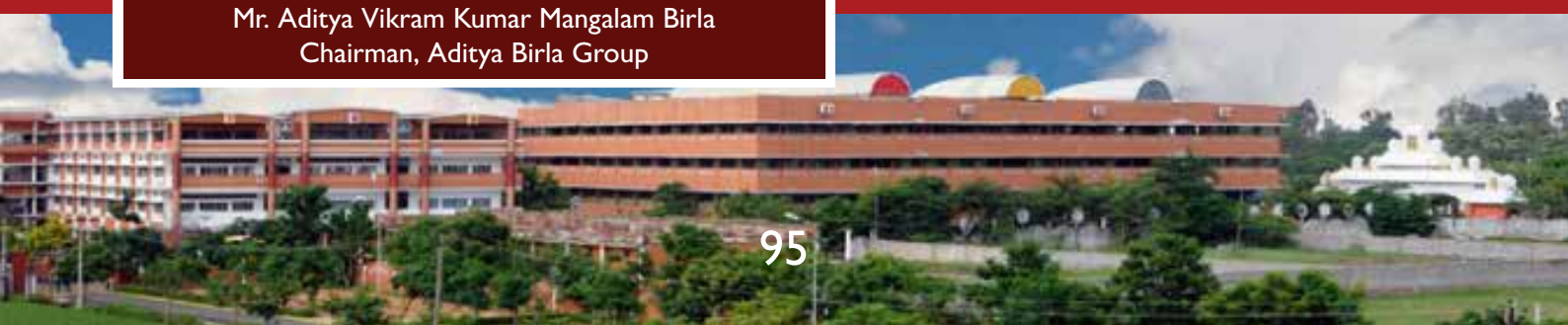
We live in a competitive world that revolves only to succeed. But not everyone who is successful is remembered. We lift high only those who had a vision, enduringly worked and succeeded. A Vision without action is only a passing time. Thus arising the challenge to make your dream an action oriented vision that strives to conquer, which becomes a lasting legacy.

Veltech Dr. RR & Dr. SR University has a team of passionate administrators and faculty who are committed to see every student who joins the University master in their chosen fields. The state of the art infrastructures and facilities are meticulously designed, built and setup to help you venture and learn. The educational pedagogy of the University is designed to give you knowledge that can help you confront the fast trending technological world. This endeavour has established the University's academic reputation not only across the Country but also Overseas. The testimonials of our alumni technocrats will witness the same. "Sometimes it falls open the generation to be great, you can be that generation." Welcome to Veltech! Let's make your potentiality blossom

Best Wishes,
Mr. K.V.D Kishore Kumar
Vice President



Vice President Mr. K. V. D. Kishore Kumar with
Mr. Aditya Vikram Kumar Mangalam Birla
Chairman, Aditya Birla Group





**400 FEET OUTER RING ROAD
AVADI, CHENNAI, TAMILNADU
INDIA - 600 062**

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