



Vel Tech High Tech

Dr Rangarajan Dr Sakunthala Engineering College
An Autonomous Institution

e Progress Report

Institutional Profile - Slides 1 - 11 Student Progress

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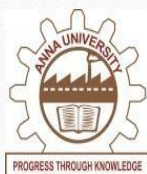
Slides 12 -16



Vel Tech High Tech

Dr Rangarajan Dr Sakunthala Engineering
College

An Autonomous Institution



Affiliated to Anna University



Approved by AICTE - New Delhi Accredited by NBA, New Delhi



NAAC with 'A' Grade & CGPA of 3.27



**No: 60, Avadi - Vel Tech Road, Avadi Chennai
– 600062**

Mobile no: 7358701998 Website :

www.velhightech.com

Our Promotors



**Col. Prof. Vel. Shri. Dr.
R. Rangarajan B.E.(Elec),
B.E.(Mech), M.S.(Auto), D.Sc
Founder & Chairman**



**Dr. Mrs. Sagunthala
Rangarajan
MBBS
Vice Chairman**



**Mrs. Rangarajan Mahalakshmi
K
B.E., M.B.A
Chairperson and
Managing Trustee**



**Mr. K. V. D. Kishore
Kumar
B.E., M.B.A
Vice President**



HONOURABLE CHIEF MINISTER OF TAMIL NADU

THIRU.M.K.STALIN

recognising our Vel Tech High Tech Students
excellence at **TechKnow- 2022**
organized by
AIMO & Anna University
held on 22.4.2022 & 23.4.2022



Vel Tech High Tech
Dr.Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution
VEL TECH - A BRAND FOR ENGINEERS! HIGH TECH - A BRAND FOR ACHIEVERS!





STUDENTS RECEIVED OFFERS

<p>COMPANY: BIRDBOX MAGNUM</p> <ol style="list-style-type: none"> 1. PAVAN KALYAN S / CSE / III B / 2019-23 2. PREETHI R / CSE / III B / 2019-23 3. LATESH SINGH / CSE / III B / 2019-23 4. VIJAYALAKSHMI A / CSE / III B / 2019-23 5. VIJAYAPRAKASH S / IT / II / 2020-24 	<p>COMPANY: LEAD HR SERVICES Pvt. Ltd.</p> <ol style="list-style-type: none"> 1. RUBAN R / MECHANICAL / II / 2020-24 2. ROOP SATHYA S / MECHANICAL / III B / 2019-23 3. YASHODA / BIOTECHNOLOGY / III / 2019-23
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Best wishes from
The Management, Principal and The Faculty Members









We are extremely proud and happy to share the laurels brought by our students, who had received their Intern cum placement offers from our Honourable **Chief Minister, Thiru M.K.Stalin** under the "Naan Mudhalvan" scheme at Tech Know 2022, a mega technical event to bridge the academia and industry organized by AIMO and Anna University on 22nd and 23rd April, 2022.



Rating
in 2021



"Ranked as one among Top 10
Engineering Colleges in Tamil Nadu for
providing best placements in top
MNCs"

 **The Indian EXPRESS**



**“Acquire employability skills in our campus,
Achieve dream jobs in top MNCs”**



Pratik Jussal,

Schneider
Electric

9 LPA



27 students with 7.5 LPA



Cognizant

36 students with 4 LPA



23 students with 4 LPA



13 students with 3.5 LPA

380* Offers till date

2018-2022 E



Vel Tech High Tech

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An Autonomous Institution

We prepare for







ELIGIBLE	OFFERS RECEIVED	DUAL OFFER RECEIVED	PLACED STUDENTS	
Computer Science and Engineering	104	124	39	85
Mechanical Engineering	83	47	6	41
Electronics and Communication Engineering	53	54	17	37
Information Technology	40	36	8	28
Biotechnology	40	38	11	27
Chemical Engineering	43	24	7	17
Electrical and Electronics Engineering	14	10	2	8
Civil Engineering	9	7	1	6
M.B.A.	59	26	2	24
TOTAL	445	366	93	273

VEL TECH - A BRAND FOR ENGINEERS!!

HIGH TECH - A BRAND FOR ACHIEVERS!!





PLACEMENTS 2021 - 2022



PLACEMENT TRAINING

YEAR	MODULES	HOURS
	In House Training	
I	INTERPERSONAL SKILL, QUANTZ, LOGICAL	80
II	QUANTZ, LOGICAL, VERBAL	60
III	QUANTZ, LOGICAL, VERBAL, AUTOMATA	60
IV	QUANTZ, LOGICAL, VERBAL, AUTOMATA	40
II & III	PROGRAMMING SKILLS (C/C++, Python, Java, R Programming)	80
Total		320
	External Training	
I	STELLER ACADEMY - APTITUDE	80
II	NEW LEAF AGENCY - TECHNICAL	60
Total		140
Assessments		78
Total Training hours		538



ACTIVITIES BEYOND CLASS ROOM(ABC) - EMPLOYABILITY ENHANCEMENT SKILLS

TECHNICAL CLUBS



Artificial Intelligence Club



Hackathon Club



Cyber Security Club



Biotekionz Club



Idea-Innovative Club



HR Club



Finance Club



Marketing Club



Innovation IoT Club



Design Thinking Club



Smart City Club



Chemforum Club



Communication Club



Innovation Club



Maths Club



Operation Management Club

PROFESSIONAL SOCIETIES



ISTE - The Indian Society for Technical Education



IIMM - Indian Institute of Materials Management



BRSI - The Biotech Research Society India



IEEE - The Institute of Electrical and Electronics Engineers



IChE - Indian Institute of Chemical Engineers



SAEINDIA - Society of Automotive Engineers India



Society of Chemical and Synthetic Biology



IEI - The Institution of Engineers (India)



MMA - Madras Management Association



CSI - Computer Society of India



ICT Academy



IETE - The Institution of Electronics and Telecommunication Engineers



Society for Environment and Sustainable Development




IAENG Society of Artificial Intelligence

Events Conducted in AY2021-22 Odd Sem : 37
Events Planned in AY2021-22 Even Sem : 20

Events Conducted in AY2021-22 Odd Sem : 24
Events Planned in AY2021-22 Even Sem : 18

367 Mini Projects

completed by II & III year students in
2021-22

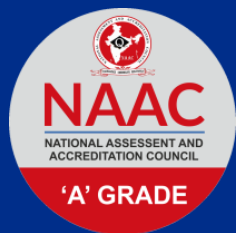
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BIOTECH	45
CHEMICAL	28
CSE	84
IT	49
AI & DS	12
ECE	69
EEE	21
MECH	51
CIVIL	13

To serve you better..



Dr. E. Kamalanaban	Principal
Dr. V. R. Ravi	Dean Academics/ School of Electrical & Computing
Dr. S. Govindasami	Controller of Examinations
Dr. D. Yuvaraj	Dean School of Bio-Chemical Engg. / Mentoring
Dr. P. Nagasankar	Dean - Science & Humanities
Dr. R . Suresh	Dean - Training & Placement /School of Mechanical & Civil Engg.
Dr. A. Suresh kumar	Dean - Industry Relations
Dr. B. Bharathiraja	Dean - Research & Development
Dr. M. Malleswari	Dean - IQAC
Dr. M. Gopinath	Associate Dean - IIC
Dr. P. Vijayasarithi	Deputy Dean - IQAC
Dr. A. Vishnu Kumar	Deputy Dean- Technical Clubs/ Planning Head
Dr. A. Saravana Raj	Deputy Dean - Project, Publication & Patent
Dr. N. Gayathri	Deputy Dean - Professional Societies
Prof. R. Karthikeyan	Deputy Dean - Mentoring
Dr. J. B. Veeramalini	Deputy Dean - Mentoring



JAIRAM J S(VH10384)

3rd Year,

Computer Science and Engineering



Student Name	: JAIRAM J S
VH No.	: VH10384
Year	: CSE - III YEAR
Register No.	: 113019104715
Father's Name	: SRIDHAR RAO.J.V
Mother's Name	: SHANTHI . S
Branch	: COMPUTER SCIENCE AND ENGINEERING
Year of study	: 2019-2023
Student Mobile No.	: 9884416848
Students email id	: jsjairam01@gmail.com
Parent Mobile No.	: 9080853039
Mentor Details	: Dr.J.Senthil Murugan , 9444850432
Mentor email id	: j.senthilmurugan@velhightech.com
HoD Details	: Dr. S. Durgadevi & 9445943542
Department email id	: cse@velhightech.com
WhatsApp Group link	: https://chat.whatsapp.com/DHurf9ASs6cEOmQYoQRQOo
CGPA	: 8.3
No. of Arrears (if any)	: Nil

Date: 16.05.2022



Academic Performance



Class Room Activities

Attendance percentage
(From 16.03.22 to 30.04.22) :
88%

Learning Capacity: Excellent

Discipline: Excellent

General comments

Regular to Classes
Taking Class Notes Properly
Attentive and Pro-active

6th Semester - Internal Assessment (EVEN SEM-2022)

Subject	CIA 1
CS8691-ARTIFICIAL INTELLIGENCE	64
CS8601-MOBILE COMPUTING	60
IT8076-SOFTWARE TESTING	30
CS8602-COMPILER DESIGN	60
CS8651-INTERNET PROGRAMMING	84
CS8603-DISTRIBUTED SYSTEM	AB

5th Semester Result (May '21)

Subject	Grade
OMF551-PRODUCT DESIGN AND DEVELOPMENT	A+
MA8551-ALGEBRA AND NUMBER THEORY	A+
CS8591-COMPUTER NETWORKS	A
EC8691-MICROPROCESSORS AND MICROCONTROLLERS	A
CS8501-THEORY OF COMPUTATION	A
CS8592-OBJECT ORIENTED ANALYSIS AND DESIGN	A
EC8681-MICROPROCESSORS AND MICROCONTROLLERS LABORATORY	O
CS8582-OBJECT ORIENTED ANALYSIS AND DESIGN LABORATORY	O
CS8581-NETWORKS LABORATORY	O
GPA	8.1

O - 10; A+ - 9, A - 8, B+ - 7, B - 6, RA - Re Appear



Skill Development towards Employability



Mini-Project

Weightage of Mark : **100**

Marks Secured : **96**

Title: **Agri IOT**

Guide Name : **Dr. S.Durgadevi**

Contact No : **9445943542**

Team mates : **Harsha Vardhan, Dhiksha, Kirbukaran**

Status of Project : **Completed**

Review 1	Review 2	Review 3	Total (Avg)
94	97	98	96.3

Remarks — Appreciated for his innovative idea by Reviewer.

Industrial Visit

Company / Industry	Date of visit
BSNL , Rajiv Gandhi Memorial Telecom Training Centre (An ISO9001 : 2008 Certified Institute) GST Road, Meenambakkam, Chennai- 600016	28.12.2021
IIIDM- INDIAN INSTITUTE OF INFORMATION TECHNOLOGY DESIGN AND MANUFACTURING, KANCHEEPURAM,	28-04-2022 & 29-04-2022
DATE: 28 & 29 APRIL 2022	

Internship/In-plant Training

Company / Industry	Duration
Internship(s): Big Data	1 Month (09.08.2020 to 08.09.2020)
Cloud Computing	1 Month (02.08.2020 to 31.08.2020)

Feedback-from Industry -He is regular and extended good support during her Internship

Internal Placement Training

Name of Training Academy				Duration		Attendance (%)	
Quantz (Q), Verbal(V), Automata(AU), Logical(L) Trainers Feedback - Performing well				45 hours		100%	
Q-A1	Q-A2	V-A1	V-A2	L-A1	L-A2	Total (Avg)	
93	96	95	98	95	95	94	

Value Added Courses

Company / Industry	Duration
Ongoing Courses - NPTEL-1. PROGRAMMING IN JAVA	12 weeks (24.01.2022 – 15.04.2022)



Skill Development towards Employability



Guest Lecture Attended - 1 Nos

Lecture Topic and Guest Name	Date
Accelerators/incubation - Opportunities for the students & faculties - Early Stage Entrepreneur,	29.05.2021
Data Warehousing and Data Mining” , Resource Person: Mrs. R. Lavanya - AP/CSE/SRM Institute.	22.04.2021
Design and Analysis of Algorithm , Resource Person: Mrs. R. Lavanya - AP/CSE/SRM Institute.	23.04.2021

Technical Competitions and Conferences Participated – 1 Nos

Event Title	Date
HSL - Amcat	04.02.2022

Seminar Attended – 1 No

Seminar Topic & Resource Person	Date
Entrepreneurship Development Program Resource Person: Dr Vivek Yoganand Patch Manager (IT), Redhat	13.10.2021
Ethical Hacking Resource Person: Dr Vivek Yoganand Patch Manager (IT), Redhat	23.10.2021
Cloud Computing and DevOps Resource Person: Mrs.Nithya.S, Matriot Sol. Pvt. Ltd	09.10.2021
Adobe E-Commerce, Platform: Magento Resource Person: Mr.Vignesh Hememanth, Software developer. River Stone Infotech Pvt. Ltd	25.09.2021

Competitions - 2 Nos.

Lecture Topic and Guest Name	Date
Smart India Hackathon	16.03.2022
Codeathon 2022	17.04.2022

ACADEMIC SCHEDULE EVEN SEMESTER-2021-2022

Vel Tech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College -An Autonomous Institution

EVEN SEMESTER 2021- 2022 ; ACADEMIC SCHEDULE for 4,6, SEM - B.E/B.TECH

Mar-22				Apr-22				May-22				Jun-22			
Date	Day	Day count	Event	Date	Day	Day count	Event	Date	Day	Day count	Event	Date	Day	Day count	Event
1	Tue			1	Fri	14		1	Sun		May Day Holiday	1	Wed	58	MODEL EXAMS 1
2	Wed			2	Sat		Telugu New Years Day	2	Mon	35	Unit 3 to be completed / Unit 4 Starts	2	Thu	59	
3	Thu			3	Sun		Holiday	3	Tue		Ramzan (Idul Fitr)	3	Fri	60	
4	Fri			4	Mon	15		4	Wed	36		4	Sat	61	
5	Sat			5	Tue	16		5	Thu	37		5	Sun		
6	Sun		Holiday	6	Wed	17		6	Fri	38		6	Mon	62	MODEL EXAMS 1
7	Mon			7	Thu	18		7	Sat		Holiday	7	Tue	63	
8	Tue			8	Fri	19		8	Sun		Holiday	8	Wed	64	MODEL EXAMS 2
9	Wed			9	Sat	20		9	Mon	39		9	Thu	65	
10	Thu			10	Sun		Holiday	10	Tue	40		10	Fri	66	
11	Fri			11	Mon	21		11	Wed	41		11	Sat	67	
12	Sat			12	Tue	22	Unit 2 to be completed / Unit 3 Starts	12	Thu	42		12	Sun		Holiday
13	Sun		Holiday	13	Wed	23		13	Fri	43		13	Mon	68	MODEL EXAMS 2
14	Mon			14	Thu		Tamil New Years Day / Mahaveer Javanthi Holiday	14	Sat	44		14	Tue	69	
15	Tue			15	Fri		Good Friday	15	Sun		Holiday	15	Wed	70	MODEL LAB EXAMS
16	Wed	1	Reopen/Unit-1 Starts	16	Sat		Holiday	16	Mon	45	Unit 4 to be completed / Unit 5 Starts	16	Thu	71	
17	Thu	2		17	Sun		Holiday	17	Tue	46		17	Fri	72	
18	Fri	3		18	Mon	24	CIA-1	18	Wed	47	CIA-2	18	Sat		Commencement of Practical Examinations
19	Sat		Holiday	19	Tue	25		19	Thu	48		19	Sun		Holiday
20	Sun		Holiday	20	Wed	26		20	Fri	49		20	Mon		
21	Mon	4		21	Thu	27		21	Sat			21	Tue		
22	Tue	5		22	Fri	28		22	Sun		Holiday	22	Wed		
23	Wed	6		23	Sat	29		23	Mon	50		23	Thu		
24	Thu	7		24	Sun		Holiday	24	Tue	51		24	Fri		
25	Fri	8		25	Mon	30		25	Wed	52		25	Sat		
26	Sat	9		26	Tue	31		26	Thu	53		26	Sun		Holiday
27	Sun		Holiday	27	Wed	32		27	Fri	54		27	Mon		
28	Mon	10		28	Thu	33		28	Sat	55		28	Tue		Commencement of End Semester Examinations
29	Tue	11	Unit 1 to be completed / Unit 2 Starts	29	Fri	34		29	Sun		Holiday	29	Wed		Holiday
30	Wed	12		30	Sat		Holiday	30	Mon	56		30	Thu		
31	Thu	13						31	Tue	57	Unit 5 to be completed	31	Fri		

Guest Lecture : 1 per year per Dept ; Industrial Visits : 1 per year per Dept ; Only 2 days are permitted for Paper Correction: Assessments Test: CIA-1:U1,U2 CIA-2:U3,U4, Model 1,2:U1,U2,U3,U4&U5 *CIA - Continuous Internal Assessment

Planning
14/3/2022

Principal
14/03/2022

TIME TABLE EVEN SEMESTER(2021-2022)

III YEAR, SEM: VI, SECTION: A

CLASS TIME TABLE: 2021-2022, EVEN SEMESTER

Class-In-Charge: Ms. J.S. Sowmiya

HALL No.: I 304

DAY/ Hour	1 8.30 – 9.20	2 9.20 – 10.10	3 10.25 – 11.15	4 11.15 – 12.05	12.05 – 12.45	5 12.45 – 1.35	6 1.35 – 2.25	7 2.25 – 3.15
DAY 1	IP	AI	DS	T&P Q1	L U N C H	VAC	Mini Project	
DAY 2	Integrated Learning CD		DS	IP LAB		IP LAB (Batch 1)/ MAD LAB (Batch 2)		
DAY3	DS	T&P L4	NPTEL	NPTEL		AI	Professional Communication	
DAY 4	ST	CD	T&P A2	MC		IP	MC	AI
DAY 5	AI	IP	Integrated Learning ST			CD	MC	Sports/Lib
DAY 6	MC	DS	IP/MAD LAB	Mentoring		IP LAB (Batch 2)/ MAD LAB (Batch 1)		

III YEAR, SEM: VI, SECTION: B

CLASS TIME TABLE: 2021-2022, EVEN SEMESTER

Class-In-Charge: Mrs. P. Brinda

HALL No.: I 305

Day/ Hour	1 8.30 – 9.20	2 9.20 – 10.10	3 10.25 – 11.15	4 11.15 – 12.05	12.05 – 12.45	5 12.45 – 1.35	6 1.35 – 2.25	7 2.25 – 3.15
DAY 1	Integrated Learning ST		CD	T&P L4	L U N C H	MC	IP	DS
DAY 2	MC	IP	T&P Q1	AI		DS	AI	Sports /Lib
DAY3	Integrated Learning CD		MC	IP		VAC	Mini Project B	
DAY 4	IP	NPTEL		IP LAB		IP LAB B(Batch 1)/ MAD LAB (Batch 2)		
DAY 5	DS	ST	T&P A2	MAD LAB		IP LAB B(Batch 2)/ MAD LAB (Batch 1)		
DAY 6	AI		CD	Mentoring		MC	Professional Communication	



Skill Development towards Employability

Guest Lecture Attended - 2

Lecture Topic and Guest Name	Date
CHALLENGES IN CYBER SECURITY- Resource Person: Mr. Ashok Kumar Mohan , B.Tech., M.Tech., (Ph.D.) Assistant Professor TIFAC-CORE in Cyber Security, AMRITA VISHWA VIDYAPEETHAM, Coimbatore.	16.03.2022
ARTIFICIAL INTELLIGENCE FOR HEALTH CARE Resource Person: Dr.P. Velvizhy, AP/CSE , Anna University, Chennai.	30.03.2022

Seminar Attended – 3

Seminar Topic & Resource Person	Date
NEW AGE ONLINE RECRUITMENT AND INTERVIEW— Resource Person: Gregory Manoj Senior Manager-Training Allsec Technologies Limited.	22.03.2022
WOMEN'S EMPOWERMENT- Resource Person: Mrs. SUDHA PANDIAN Diversity, Equity & Inclusion Director (DEI) Inclusion Strategist Leadership Coach Life Enthusiast Chennai, Tamil Nadu, India	08.3.2022
ALUMNI INTERACTION SESSION ON ROLE OF SOFT SKILLS IN IT INDUSTRY- Resource Person: Mrs. Mini Priyaa Pokala , Project Management Specialist, Honeywell, Bengaluru.	19.03.2022



Skill Development towards Employability

Workshop Attended – 1

Lecture Topic and Guest Name	Duration
FULL STACK WEB DEVELOPMENT-JAVA Resource Person: Mr.Sakthivel.M, Assistant Professor/CSE,VTHT.	21.03.2022

Competitions - 2

Smart India Hackathon – 2022- on 16.03.2022
(INTERNAL SMART INDIA HACKATHON 2022-
CERTIFICATE OF PARTICIPATION)

Codeathon 2022- on 17.04.2022



Overall Progress



Strengths

1. Academic – Meritorious
2. Team Player
3. Good Coordinating Skill

Need Improvements on

1. Taking Challenging Tasks
2. Targeting Mind Set

ஈன்ற பொழுதின் பெரிதுவக்கும் தன்மகனைச்
சான்றோன் எனக்கேட்ட தாய்.

தம் குழந்தையைக் கல்வி ஒழுக்கங்களால் நிறைந்தவன்(ள்) என்று அறிவுடையோர் கூற அதைக்
கேட்ட தாய், அவனை(ளை)ப் பெற்ற பொழுதைக் காட்டிலும் மிகுதியாக மகிழ்வாள்”





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TIME TABLE – CONTINUOUS INTERNAL ASSESSMENT-II
(REGULATIONS – 2017)
CHOICE BASED CREDIT SYSTEM (CBCS)

Degree & Branch: B.E. Computer Science and Engineering

<i>Semester</i>	<i>Subject Code</i>	<i>Subject Name</i>	<i>Exam Date</i>	<i>Session</i>
4	MA8402	Probability and Queuing Theory	18-May-22	FN
4	CS8491	Computer Architecture	19-May-22	FN
4	CS8492	Database Management Systems	20-May-22	FN
4	CS8451	Design and Analysis of Algorithms	23-May-22	FN
4	CS8493	Operating Systems	24-May-22	FN
4	CS8494	Software Engineering	25-May-22	FN
6	CS8651	Internet Programming	18-May-22	FN
6	CS8691	Artificial Intelligence	19-May-22	FN
6	CS8601	Mobile Computing	20-May-22	FN
6	CS8602	Compiler Design	23-May-22	FN
6	CS8603	Distributed Systems	24-May-22	FN
6	IT8076	Software Testing	25-May-22	FN


CONTROLLER OF EXAMINATIONS

Vel Tech High Tech
Dr. Rangarajan Dr. Sakunthala
Engineering College
Avadi, Chennai-600062.




PRINCIPAL