



Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College

An Autonomous Institution

e PROGRESS REPORT (ePR)

ePR 8 – 15/3/2023

PART A – INSTITUTIONAL DETAILS

Slides: 4-8

PART B – MENTEE DETAILS

Slides: 10-20

PART A – INSTITUTIONAL DETAILS



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

Avadi - Vel Tech Road, Chennai – 62
7358701998 www.velhightech.com



Vel Tech High Tech

Dr.Rangarajan Dr.Sakunthala Engineering College
An Autonomous Institution



We prepare for
Cambridge
English Qualifications

TNEA
Code **1122**

HIGHEST PACKAGE OFFERS



Ms.Vanshika Rana
Dept. OF CSE (2018-2022)

CTC: 78 LPA
1,00,000 US \$



as a Director of Developer Relations

5 OFFERS



Ms.Chandra Yamuna
Dept. OF CSE (2018-2022)

CTC: 54 LPA



5 OFFERS



9.0 LPA



8.0 LPA



7.5 LPA



7.5 LPA



7.0 LPA



7.0 LPA



6.0 LPA



5.5 LPA



EMPLOYABILITY SKILLS-ACTIVITY BEYOND CLASSROOM (17hrs/week)

1. PROJECT BASED LEARNING

a. VALUE ADDED COURSES (VAC)

Value Added Courses are offered outside the curriculum to bridge the gap between academia and Industry requirements. | Duration: 2 Hours / week

b. MINI-PROJECTS

Mini-projects are helpful that they provide employers a chance to distinguish between students with related backgrounds. | Duration: 2 Hours / week

2. CAREER DEVELOPMENT

a. COMMUNICATION SKILLS

Communication Skills Development is a programme which improves and develops communication skills and soft skills of the students. | Duration: 2 Hours / week

b. PLACEMENT TRAINING

Placement training sessions to train students on verbal, analytical, logical and critical reasoning and to develop problem-solving, time-saving techniques.

Duration: 3 Hours / week

3. EXPERIENTIAL LEARNING

a. NPTEL

NPTEL Inculcate mode of self-learning & facilitates learning the subject from the expert faculties of IITs/IISc and get certified Students can review and assess their own progress through assignments. Duration: 2 Hours / week

b. INTEGRATED LEARNING

Integrated Learning is about making significant connections between subjects Integrating the curriculum can also improve learning experiences and thereby enhancing skills can be applied to novel and complex issues or challenges.

Duration: 2 Hours / week

4. PROGRAMMING SKILLS

a. CODING SKILLS

Coding can help you understand technology, enhance problem-solving skills, data visualization, complement creativity. Coding improve career prospects to a great extent. Duration: 2 Hours / week

5. STUDENT SUPPORT SYSTEM

a. MENTORING

Mentoring programme provide a student with personal support throughout the ups and downs of academia. This can reinforce a student's sense of resilience.

Duration: 1 Hour / week

6. IN HOUSE PLACEMENT TRAINING

Duration: 578 Hours / 4 Years

UNDER GRADUATE PROGRAMMES

B.E. Computer Science and Engineering

B.E. Computer Science and Engineering (AI & ML)

B.Tech. Information Technology

B.Tech. Artificial Intelligence & Data Science

B.Tech. Biotechnology

B.Tech. Chemical Engineering

B.E. Electronics and Communication Engineering

B.E. Civil Engineering

B.E. Mechanical Engineering



POST GRADUATE PROGRAMMES

M.B.A

M.E. Structural Engineering

ADMISSIONS OPEN 2022-2023

Contact Us

7358701998, 7358020151

1800 212 7669 (Toll Free)

admission@velhightech.com

www.velhightech.com

#60, Avadi - Vel Tech Road,

Avadi, Chennai - 600 062.

"Ranked as one among

Top 10

Engineering Colleges in

Tamilnadu for providing

best placements

in top MNCs."

 **The Indian EXPRESS**

Our Promotors



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



Dr. Mrs. Sakunthala Rangarajan
MBBS
Vice Chairman

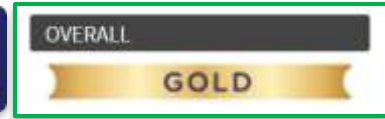


Mrs. Rangarajan Mahalakshmi K
BE, MBA
Chairperson and Managing Trustee



Mr. K. V. D. Kishore Kumar
BE, MBA
Vice President

RANKING



Rating
in 2021



**RANKING
ARIIA 2021**

BAND – Performer

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



PART B – MENTEE DETAILS



VIII e-PROGRESS REPORT

LOKESHD (VH10351)

4th Year

Civil Engineering



Register No.	: 113018103701
Father's Name	: Mr A N Dharamaiah
Mother's Name	: Mrs A N Latha
Branch	: CIVIL ENGINEERING
Year of study	: 2019 – 2023
Student Mobile No.	: 8807507669
Students email id	: lokeshdharamaiah@gmail.com
Parent Mobile No.	: 9524946940
Mentor Details	: Ms.C.Charuvarshini 7338905567
Mentor email id	: c.charuvarshini@velhightech.com
HoD Details	: Mr. M MANOJ KUMAR, 9600859335
Department email id	: civil@velhightech.com
WhatsApp Group link	: https://chat.whatsapp.com/InNvlDckqABJgjU4POBGKG
CGPA	: 7.1
No. of Arrears (if any)	: NIL



IV Year - 8th Semester College reopens on 19.01.2023



CLASSTIME TABLE

DO	8.15-9.05	9.05-9.55	10.10-11.00	11.00-11.50	11.50-12.35	1.15-2.00	2.00-2.45	2.45-3.30
I	HWRE	MRRS	MRRS	HWRE	HWRE	PW	PW	PW
II	MRRS	HWRE	MRRS	HWRE	HWRE	PW	PW	PW
III	MRRS	HWRE	MRRS	HWRE	PW	PW	PW	PW
IV	HWRE	MRRS	MRRS	LIBRARY	PW	PW	PW	PW
V	MRRS	MRRS	MRRS	HWRE	HWRE	PW	PW	HWRE
VI	HWRE	MRRS	MRRS	MRRS	HWRE	PW	PW	SPORTS

SUBJECT CODE	SUBJECT NAME	STAFF NAME	HOURL
CE8091	Professional Elective IV Hydrology and Water Resources Engineering	Mrs.N.P.Ramya	14
CE8020	Professional Elective V Maintenance, Repair and Rehabilitation of Structures	Mrs.J.Jaculin Jeka	14
CE8811	Project Work	Mrs. C. Arivarasi	18

S. NO.	PARTICULARS		HOURS
Activity Beyond Class Room			
1	Self-Learning	NPTEL	0
		Library	1
Extra-curricular Activity		Sports	1



Academic Performance



8th Semester Examination Schedule

Class Room Activities

Attendance Percentage

(From 19.01.2023 to 28.02.2023) : 74.88%

Learning Capacity: Can be improved

Discipline: Disciplined

General comments

•Need more improvement.

SUBJECT CODE	SUBJECT TITLE	CIA 1	CIA 2	Model Exams	Commencement of End Semester Examination
CE8091	Hydrology and Water Resources Engineering	11 th -17 th March, 23	10 th -18 th April, 23	15 th –22 nd May, 23	From 5 th June, 23
CE8020	Maintenance, Repair and Rehabilitation of Structures				

SUBJECT CODE	SUBJECTS TITLE	MODEL LAB	UNIVERSITY PRACTICAL EXAM
CE8811	Project Work	23 rd – 27 th May, 23	29 th – 02 nd June, 23

An Outcome Based Education



IV YEAR PROJECT FOR EVEN SEM 2023



IV YEAR PROJECT WORK ACADEMIC YEAR 2022-2023 (EVEN SEM)

PROJECT CO-ORDINATOR: Mrs.C.Arivarasi

Batch	RegNo	Vh No	Name	Project Title	Guide Name
1	113019103001	VH9946	Arul Muniswaran A	Experimental Investigation on paver block using crushed pebbles by replacement of coarse aggregate	Ms.J.Hathari Evangalin Structural Engineering
2	113019103002	VH9947	Arun Singh .J	Comparative study on the effect of various admixtures in the compressive strength of the M30 grade concrete.	Mrs.M.Sangeetha Structural Engineering
3	113019103003	VH 9984	Jayaprakash.A	Experimental investigation of internal curing of geopolymer concrete with spinacia oleraceae	Mrs.J.Jaculin Jeka Structural Engineering
4	113019103004	VH9951	Karthikeyan.V	Experimental investigation on seismic up gradation of steel frame structure by bracing system	Ms.C.Charuvarshni Structural Engineering
5	113019103005	VH9945	Santhosh Kumar R	Effect of heat curing on blended cement using silica fume and superplasticizer	Mrs.N.P.Ramya Structural Engineering
6	113019103006	VH9949	Sriram.J	Development of a bacteria based self healing concrete	Mrs.C.Arivarasi Structural Engineering
7	113019103007	VH9950	Varun Raj.T	Experimental investigation on bond strength of rebars in concrete	Mr.M.Manoj kumar Integrated Water Resources and Management
8	113019103701	VH10351	Lokesh . D	Experimental investigation on effect of mix ratio and curing water on the compressive strength of oil palm shell aggregate concrete	Mr.R.Monishraaj Construction Management
9	113019103301	VH10633	Dhev Sai Nath B	An experimental study on soak pit effluent and ground water quality.	Dr.S.Govindasami Environmental Engineering



IV YEAR PROJECT FOR EVEN SEM 2023



SEMESTER END EXAMINATION

Review Criteria	Marks
Report	30
Design & Development	15
Demonstration	15
Viva Voce & Presentation	15
Novelty	10
International Conference/ Journal Publication draft	15
Total	100

MARK ALLOCATION SCHEME

REVIEW 1 (10MARKS)	REVIEW 2 (10MARKS)	REVIEW 3 (10MARKS)
WORK METHODOLOGY	MODULE IMPLEMENTATION	ABSTRACT
TECHNICAL SPECIFICATIONS -HARDWARE /SOFTWARE/COMPONENTS /MATERIAL	RESULTS/FINDINGS	OVERALL SYSTEM DESIGN & IMPLEMENTATION
PRESENTATION SKILL	PRESENTATION SKILL	DEMONSTRATION
WORK SCHEDULE	SUPERVISOR ASSESSMENT	DRAFT REPORT DOCUMENTATION
VIVA	VIVA	JOURNAL PAPER DRAFT
-	-	PRESENTATION SKILL
-	-	SUPERVISOR ASSESSMENT
-	-	VIVA

REVIEW 1 (DATE)	REVIEW 2 (DATE)	REVIEW 3 (DATE)
02.02.2023 to 04.02.2023	02.03.2023 to 04.03.2023	29.03.2023 to 31.03.2023



Skill Development towards Employability



WORKSHOP

PROFESSIONAL SOCIETY ACTIVITY

DATE

TITLE: Learn Structural Engineering Easily in a Practical Way.

RESOURCE PERSON DETAILS:

Mr.S.Rubis - Consulting Engineer

COMPANY NAME: Anurubi Civil Structural Design Consultants & Training Services

28.02.2023

SEMINAR

Institutions Innovation Council Activity

DATE

TITLE: Opportunities After Engineering

RESOURCE PERSON DETAILS:

SR.M. Muhatahim Aaqib, Software Professional.

COMPANY NAME: 2IIM company, Kaveri Rangan Nagar, Saligramam, Chennai

28.02.2023



GUEST LECTURES

SMART CITY CLUB ACTIVITY

Date

Cycle Rally from College campus to Thiruvallur Collectrate to Raise Awareness About DRUGS ABUSE.

31.03.2023

Blood Donation Camp at college Campus

03.04.2023

INDUSTRIAL VISITS

DETAILS OF THE INDUSTRY

DATE

COMPANY NAME: Ultra Tech Cement-RMC Plant.

08.03.2023

LOCATION: Kelambakkam

COMPANY NAME: ISRO

22.04.2023

LOCATION: Sriharikota

COMPANY NAME: M.S

28.04.2023

Construction

LOCATION: Thirumullaivoyal



Skill Development towards Employability



Internship/In-plant Training Attended

In-plant Training(s):

COMPANY / INDUSTRY	DURATION
SUBHAYOGA & ENGINEERS, AVADI	10 DAYS

Alumni Interaction - Proposed

Seminar Topic & Resource Person	Date
"Opportunities about Higher Education in Abroad" J.G.Dhanusha, Canada.	24.03.2023
"Being a Winner – Motivational Speech" Sarath R, Chennai.	06.04.2023
"Significance of Quantity Surveying in the Construction Industry" Lavanya.V, Chennai.	12.04.2023

NPTEL

COURSE	DURATION	
Energy Efficiency and Day lighting in Buildings	12 Weekes	January – April, 2023

IIC EVENT - Proposed

TITLE	DATE
Developing online repository of proof of concepts (PoCS) developed and way forward plan	19.03.2023
National Energy Conservation Day India	25.03.2023
Session on Angel Investment - VC funding opportunity for early-stage entrepreneurs	10.04.2023
Workshop on Business Model Canvas (BMC)	29.04.2023



Skill Development towards Employability



External Events

COLLEGE	EVENT	STATUS
Anna University , Guindy	Cricket quiz	Participated
Anna University , Guindy	Kollywood quiz	Participated
Anna University , Guindy	Walk in	Participated
Anna University , Guindy	BIM Modeling	Participated





Skill Development towards Employability

INNOVATIVE ASSIGNMENT



SUBJECT	ASSIGNMENT	FACULTY	SUBMISSION DATE	REVIEW DATE
Hydrology and Water Resources Engineering	Develop an automated double-ring infiltrometer.	Mrs.N.P.Ramya	21.3.2023	31.3.2023
	Experiment with Runoff using Empirical Equations and Fuzzy Logic method: A case study			
Maintenance, Repair and Rehabilitation of Structures	Case studies of deterioration of coastal concrete structures in two oil refineries in the Arabian Gulf region	Mrs.J.Jaculin Jeka	21.3.2023	31.3.2023
	Climate Change Effect on Building Performance: A Case Study in India			



Overall Progress



STRENGTH/ WEAKNESS	ePR 1	ePR 2	ePR 3	ePR 4	ePR 5	ePR 6	ePR 7	ePR 8
ACADEMIC ACTIVITIES								
ATTENDANCE	Regular	Regular	Regular	Regular	Regular	Irregular	Regular	Regular
DISCIPLINE	Good	Good	Good	Good	Good	Good	Good	Good
PUNCTUALITY	Good	Good	Good	Good	Good	Good	Good	Good
DRESS CODE	Proper	Proper	Proper	Improper	Improper	Improper	Improper	Improper
CLASSROOM ATTITUDE	Average	Average	Average	Average	Average	Average	Average	Average
PROACTIVENESS	Average	Average	Average	Average	Average	Average	Average	Average
LEARNING CAPACITY	Can be improved	Can be improved	Can be improved	Can be improved	Can be improved	Can be improved	Can be improved	Can be improved

Acquire Employability Skills in our Campus !! Achieve Dream Jobs in TopMNCs..!!!



Overall Progress



STRENGTH/WEAKNESS	ePR 1	ePR 2	ePR 3	ePR 4	ePR 5	ePR 6	ePR 7	ePR 8
EMPLOYABILITY SKILLS								
TRAINING & PLACEMENT								
ATTENDANCE	75	75	75	75	78	78	78	-
ASSESSMENT	50	50	50	50	50	50	-	-
COMMUNICATION SKILL DEVELOPMENT								
ATTENDANCE	78	74	70	80	78	74	-	-
ASSESSMENT	70	73	75	79	81	74	-	-
CODING SKILLS								
ATTENDANCE	80	78	74	78	74	70	73	7-
ASSESSMENT	75	79	73	81	74	76	70	--
MENTORING	cooperative	cooperative	Cooperative	cooperative	cooperative	cooperative	cooperative	cooperative
RESEARCH SKILLS								
MINI PROJECT	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
TEAMWORK	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD
OVERALL REMARKS	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD	GOOD

THANK YOU



ஈன்ற பொழுதின் பெரிதுவக்கும்

தன்மகனைச் சொன்றறொன் ளைக்கட்ட

தம் குழந்தைகளைக் கல்வி ஒழுக்கங்களில் ஈன்றந்தவன்(ள்) என்று அறிவுடைறொர் கூறானதக் றகட்ட தொய், அவனை(ளை)ப் பெற்ற பொழுதைக் கொட்டிலும் மிகுதொஷமகிழ்வொன்”