



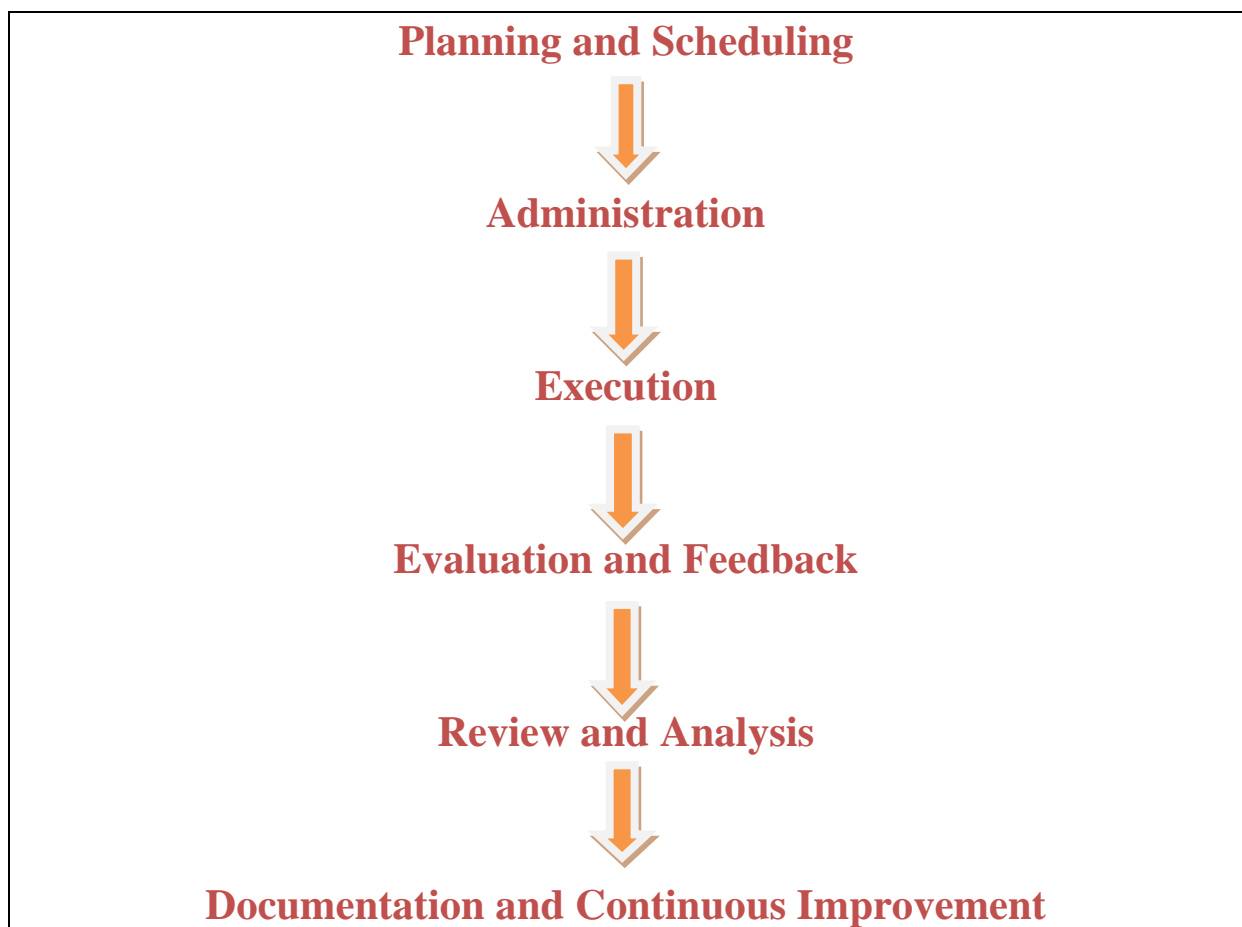
BEST PRACTICES 1

Title: Robust continuous assessment - Progress through Process Control

Objectives:

- Evaluate course content understanding, strengths, and weaknesses.
- Provide timely feedback and assess problem-solving abilities.
- Maintain accurate academic records and align with institutional goals and standards.

FLOW OF INTERNAL ASSESSMENT FRAME WORK





KRISHNASAMY

College of ENGINEERING & TECHNOLOGY

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Planning and Scheduling

- Structured academic schedule integrates assessments like slip tests.
- Faculty ensure quality through rigorous question paper scrutiny.

**Calculation of Tentative working days / periods for EVEN Sem
(FEB 2023 to MAY 2023)**

Month	UG - II year			UG - III year			UG - IV year		
	No. of working days		Total periods	No. of working days		Total periods	No. of working days		Total periods
	Weekdays	Saturdays		Weekdays	Saturdays		Weekdays	Saturdays	
FEBRUARY	17	3	160	17	3	160	17	3	160
MARCH	22	4	208	22	4	208	22	4	208
APRIL	17	2	152	17	2	152	17	2	152
MAY	9	1	80	9	1	80	9	1	80
Total	65	10	600	65	10	600	65	10	600

Sub. No.	UG - II year			UG - III year			UG - IV year		
	Sub. / L+T+P	No. of periods		Sub. / L+T+P	No. of periods		Sub. / L+T+P	No. of periods	
		Curriculum	Lesson Plan		Curriculum	Lesson Plan		Curriculum	Lesson Plan
1	TE	60	60	11MT	75	75	PPC	45	50
2	MFT	45	45	HP	45	45	PDM	45	50
3	HP	15	45	DTS	45	45	PROJECT	300	300
4	TOM	45	45	CADIM	45	45			
5	SOM	45	45	FEA	45	45			
6	EVS	30	30	CAD/CAM I,II	60	60			
7	SOM LAB	50	60	DFP	60	60			
8	TE LAB	50	60	PC LAB	30	30			
9	NAAN MUDHALVAN	45	45	IRAN MUD-ALVAN	45	45			
Total		435	435		450	450		390	450
Slip test		0			25				0
IAT 1 & 2		36			30				12
Model Theory & practical		48+36			40+24				16+8
T & P		18			6				
Grand total		118			125				40
Availability of Working Periods		553			575				440
Mentoring		3	3		3	3		4	4
SPORTS/UB		10	10		18	18			
Skill development/NCC		30	30					12	12
Special lectures & Workshops		4	4		4	4			
Surplus periods available, if any									144
Total Working Periods		600			600				454

Note:

- No. of periods mentioned above shall be verified against that of the syllabi.
- Last date to complete the syllabi 29-04-2023. Attendance shall be recorded upto 12-05-2023 as per the schedule published by AU For II yr, III yr and IV yr.

J. P. Prabhakaran
for **Head of the Department**

V. S. Srinivasan
Vice-Principal

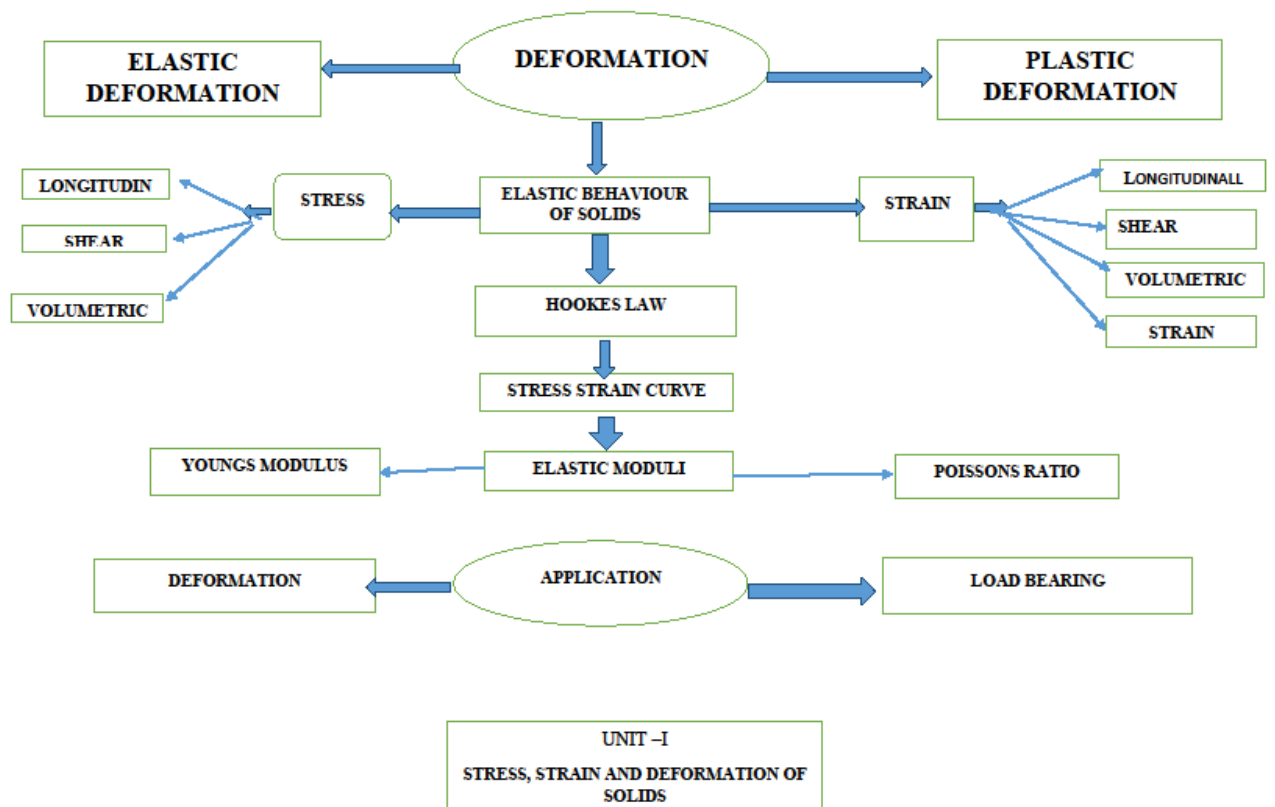
S. S. Srinivasan
Principal

Calculation of Tentative working day /Periods Even Semester



Administration

- Clear guidelines maintain fairness and integrity.
- Regular slip tests reinforce learning; mind maps aid comprehension.



Mind Map Preparation



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Execution:

- Invigilators ensure assessment environment adherence.
- Immediate feedback and oversight enhance process effectiveness.

Institute Representative Proforma

NAME OF THE DEPARTMENT : B.E - COMPUTER SCIENCE & ENGINEERING

INTERNAL ASSESSMENT TEST : I

ASSESSMENT DATE(S) :	29.08.23			30.08.23			31.08.23			04.09.23			05.09.23			07.09.23		
SESSION:	FN			FN			FN			FN			FN			FN		
YEAR	II Yr	III Yr	IV Yr	II Yr	III Yr	IV Yr	II Yr	III Yr	IV Yr	II Yr	III Yr	IV Yr	II Yr	III Yr	IV Yr	II Yr	III Yr	IV Yr
1. Number of Candidates registered	-	66	58	-	66	58	-	66	58	-	66	58	-	66	58	-	66	58
2. Number of candidates present	-	66	57	-	66	52	-	64	55	-	60	53	-	64	53	-	62	-
3. Number of candidates On-duty	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4. Number of absentees	-	NIL	01	-	NIL	06	-	02	03	-	06	05	-	02	05	-	04	-
5. Number of answer papers	-	66	57	-	66	52	-	64	55	-	60	53	-	64	53	-	62	-
6. Number of malpractice cases booked (Details with Register No. on rear side)	-	NIL	NIL	-	NIL	NIL	-	NIL	NIL	-	NIL	NIL	-	NIL	NIL	-	NIL	-
7. Number of halls	3			3			3			3			3			3		
8. Number of Invigilators	3			3			3			3			3			3		
9. Any delay in the commencement of IAT	NIL			NIL			NIL			NIL			NIL			NIL		
10. General remarks on the conduct of IAT	Good.			Good.			Satisfactory.			Satisfactory			Good.			Good.		

C. Rajkumar
7/9/23
HOD

h/w
9/9/23
VICE PRINCIPAL



Dr. G. ELANGO, M.E., Ph.D
PRINCIPAL,
KRISHNASAMY COLLEGE OF
ENGINEERING & TECHNOLOGY,
S. KUMARAPURAM, CUDDALORE-607 109

Institution Representative Proforma



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Evaluation and Feedback

- Faculty and Chief Examiner ensure consistent marking.
- Prompt feedback aids student improvement; progress reports inform parents.

Exam Cell - Chief Examiner Performa (IAT - I / II / III)

(ACADEMIC YEAR 2022-23) Sem / Branch / Batch: III/EEE

Department: EEE

S. No.	Subject code / Name	Name of the staff handled / evaluated	Date of verification	Register No.	Marks Secured (60)	Remarks (Lindert, Moderate, Strict)	Comments
1	EE3301-Electronic Devices and Circuits	Er.P.Nammavar, AP/EEE	19-11-22	1 421321105011	35	moderate	
				2 421321105015	54	moderate	
				3 421321105026	16	moderate	
				4 421321105029	43	moderate	
2	EE3302-Digital Logic Circuits	Er.R.Srinivasan AP/EEE	19-11-22	1 421321105045	48	moderate	
				2 421321105027	20	moderate	
				3 421321105050	33	moderate	
				4 421321105001	08	moderate	
3	EE3303-Electrical Machines - I	Er.N.Purushothaman AP/EEE	21-11-22	1 421321105028	51	moderate	
				2 421321105002	44	moderate	
				3 421321105005	36	moderate	
				4 421321105009	18	moderate	
4	EE3301-Electromagnetic Fields	Er.D.Geeith AP/EEE	22-11-22	1 421321105021	46	moderate	
				2 421321105046	08	moderate	
				3 421321105013	35	moderate	
				4 421321105005	56	moderate	
5	MA3203-Probability and Complex Functions	Mrs.M.Falisha, AP/S&H	24-11-22	1 421321105011	31		Part 2 = 2/53 - 2.57 In Model Exam only subject 76% 2/53
				2 5023	31		
				3 5033	58	moderate	
				4 5883	08		
6	CS3363-C Programming and Data Structures	Mr.R.Ambikapathy AP/MCA	25/11/22	1 421321105015	50	moderate	
				2 421321105002	60	moderate	
				3 421321105027	11	moderate	
				4 421321105018	16	moderate	

Signature of the Representative
29/11/22

Signature of the Vice Principal



Signature of the Principal
PRINCIPAL
Krishnasamy College of Engineering & Technology,
Kumarapuram,
Cuddalore-607 109.

Exam cell Chief Examiner Performa



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STUDENT PROGRESS REPORT

Name of the Student : ASHAPRIYA N Roll.No. : 421320106006
Department : ECE Date-Month-Year : 20-03-2023
Year / Semester : III/VI Internal Assessment Test : I

S.No.	Sub. Code	Subject Name	Max. Marks	Marks Obtained	Rank
1	EC8651	Transmission Lines and RF Systems	60	44	3
2	EC8652	Wireless Communication	60	50	
3	MG8591	Principles of Management	60	51	
4	EC8691	Microprocessors and Microcontrollers	60	43	
5	EC8095	VLSI Design	60	58	
-	-	-	-	-	

Personal Discipline	Regularity to the college	Knowledge & Understanding the subject	Personal Initiative / Reading	Involvement in Laboratory Classes	Library Utilization	Work Habits	Outstanding Achievements
G	G	G	G	G	G	G	G

*Learning Skills: E-Excellent, G – Good, S-Satisfactory, N – Need improvement, P-Poor.

Total No. of Periods: 168 No. of Periods Attended: 168 Percentage: 100.00

Note: *Parents are requested to meet the HOD periodically with this report to discuss the progress of your ward.*

Remarks (in Tamil): No. of Papers Failed in Anna University Exams Nov/ Dec - 2022 :

இருவாங்கியுள்ள பிதாய் நன்றாக உள்ளது. அடுத்தாண்டு பரீட்சைகளைத் தயக்கித் தேர்வில் முதலிடமாக வந்து வருவார்களென்றே.

S.R. Karthiga
Mentor
S.R. Karthiga
AP/ECE

V. K. V. Kokkur
Class In-charge
M. V. Kokkur
AP/ECE

S. Anand
21/3
Head of the Department



S. Anand
Principal
PRINCIPAL
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Cuddalore-607 109.

Student Progress Report



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Review and Analysis

- Comprehensive result analysis identifies critical courses.
- Insights guide targeted interventions for improvement.

KRISHNASAMY COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF SCIENCE AND HUMANITIES
Internal Assessment Test II - Result Analysis (Micro) - Feb-2023

S. No.	Year	Sem	Total Strength	No. of students		IAT - II Pass %	Most recent class performance in AU Examinations		Target pass % for IAT - III
				Appeared	Passed		Apr. / May 2022	Nov. / Dec. 2021	
1	I/CSE	I/A	63	60	43	71.7	40.00	45.00	83.33
2	I/ECE	I/B	60	60	32	53.3	25.45	41.07	83.33
3	I/EEE	I/C	59	59	11	18.6	15.55	20.83	40.57
4	I/MECH	I/D	48	48	6	12.5	17.00	11.42	31.25
5	I/CIVIL	I/D	17	17	4	23.5	10.00	15.00	58.87
OVERALL			244	244	96	39.3	24.65	30.59	149 / 244 - 61

S. No.	Subject Code / Name	Total Strength	No. of students		IAT - II Pass %	Target pass % for IAT - III
			Appeared	Passed		
1	PROFESSIONAL ENGLISH - I	244	238	207	87.0	87
2	MATRICES & CALCULUS	244	227	138	60.8	65.57
3	ENGINEERING PHYSICS	244	235	119	50.6	65.57
4	ENGINEERING CHEMISTRY	241	239	148	61.9	65.57
5	P.S.P PROGRAMMING	244	241	177	73.4	75.81

Comments / Remarks:

- Most of the students in C & D batch have got very low marks in IAT-II.
- Totally 21 students were not able to clear out of 127 in C & D batch.
- We take special care for the batches C & D.
- We have implemented stop test practice during every first hour for all the students to increase our pass percentage.
- We have planned for parents meeting on 17.02.23 & 18.02.23.

IAT-II pass % Target - 61 E-964M-53-149

P. Srinivas
16/2/23
HoD

V. Srinivas
17/2/23
Vice-Principal



Principal
Krishnasamy College of
Engineering & Technology,
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Cuddalore-607 109.

Internal Test Assessment Test Result Analysis and Critical Subject Identified



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Documentation and Continuous Improvement:

- Thorough documentation ensures accountability and quality assurance.
- Feedback drives adjustments in teaching methodologies.

Department of Computer Science Engineering

Anna University Question Paper Feedback – NOV / DEC 2022

Name of the Staff with Designation : R. SIVARAJINI, AP / CSE
 Year / Semester : III / 2
 Subject Code & Name : OCE552, Geographic Information System
 Date of Exam & Session : 29.12.22, FN

Sl. No.	Criteria	Comments		
		Easy	Moderate	Tough
1	Nature of the Question Paper		✓	
2	Details of questions from unexpected portions	-		
3	Details of out of Syllabus (Unit wise)	-		
4	Percentage of Questions covered in All IA Tests	Part A 5/10 - 50%	Part B 9/10 - 90%	Part C 2/2 - 100% Total in % 16/22 = 72.7%
5	Percentage of Questions covered in All Unit Tests	Part A	Part B	Total in %
6	No. of Students Registered	58		
7	No. of Students present	58		
8	No. of Students absent	NIL		
9	Result average as per IA Tests	76.6 + 73.21 + 78.5 = 76%		
10	Expected pass percentage (Pass/Total Strength)	43/58 = 74.1%		
11	Any representation to Anna University (questions from out of Syllabus – within 2 days)	-		
12	No. of questions asked from 2 marks question bank	5/10		
13	No. of questions asked from 13 marks question bank	5/5 (except 9a)		
14	No. of questions asked from 15 marks question bank	2/2		
15	Any other Remarks	Some substitution of 16m were asked as 8 marks in university, and also 13/2 question from part B was asked adversely.		

Staff In-charge: *[Signature]*
 HOD: *[Signature]*
 Principal: *[Signature]*

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 CUDDALORE - 607 109

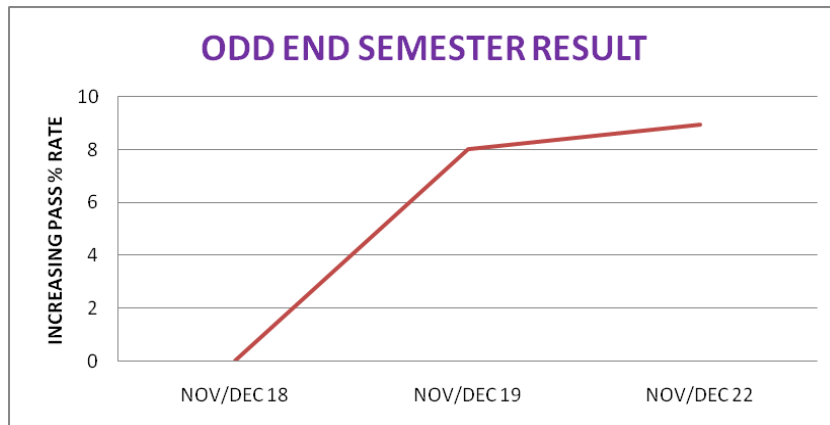
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Question paper compliance of university exam

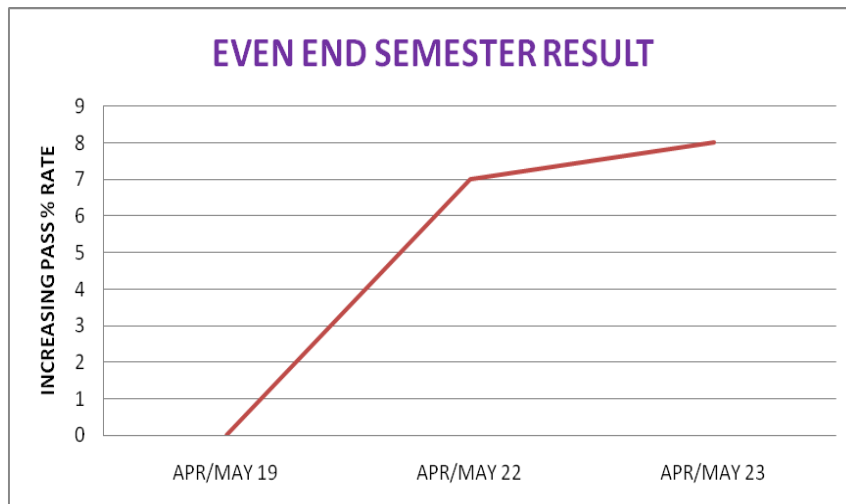


Evidence of Success:

- Systematic analysis correlates with improved semester results.
- Sustained improvements seen in odd and even semester performance.



Odd semesters have shown an increase of 8 to 9%,



Even semesters have shown an increase of 7 to 8 %,



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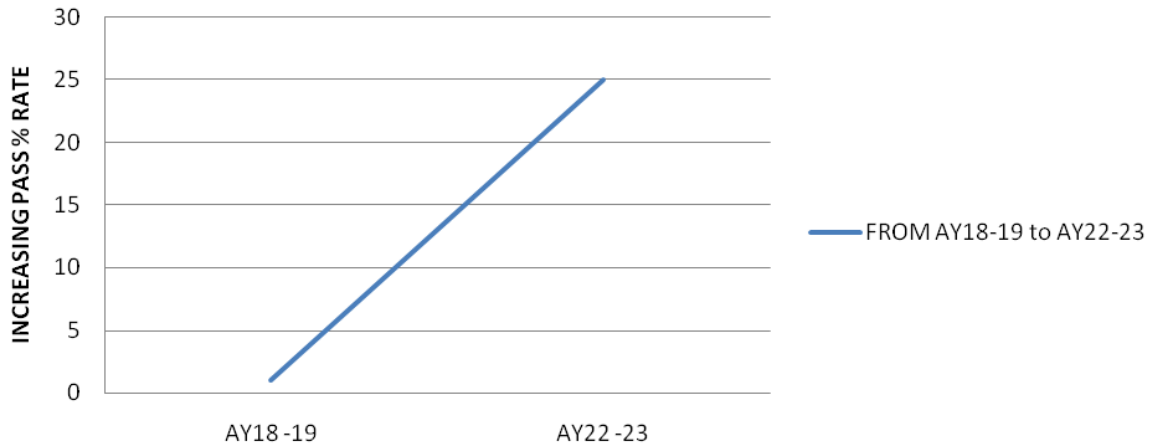
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COMPARISON RESULT OF AY18-19 to AY22-23



Overall increase results 25% From Academic Year (18-19) to Academic Year (22 -23)

Challenges and Resources:

- Lack of autonomy in assessment planning hinders progress.
- Faculty training and retention require attention.
- Addressing millennial student attitudes is critical.
- Autonomy, intensive faculty training, and student counseling can optimize outcomes with Outcome Based Education principles.



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BEST PRACTICES 2

Title: Integrated Skill Development Model in Practice

Objectives:

- To provide quality education for the students in general, rural masses in particular
- To support their carrier and academic aspirations
- To effectively plan and implement skill development activities.
- To sustain skill development with the participation of Industry.

FLOW OF INTEGRATED SKILL DEVELOPMENT MODEL IN PRACTICE





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Training Module Alignment:

- Our curriculum integrates industry-aligned Value Added Courses (VAC) across all academic years to enhance employability.



Certificate of Participation for Value Added Course



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Freshman Year Initiatives

- **Induction Programme:** Instils confidence and removes inhibitions among new students.
- **Skill Development Activities:** Focus on communication skills, technical exposure through "Budding Engineers Technical Expo," and value elucidation programs.

DEPARTMENT OF SCIENCE & HUMANITIES

KCET/S&H/CIR/2022-2023/01

10.11.2022

CIRCULAR

It is to inform you that the department of Science and Humanities has proposed to conduct induction programme for the first year students from 15.11.2022 to 22.11.2022. The induction program has been planned on various skill oriented activities with the experts of most reputed resource persons.

Venue: The Sivaramakrishnan Memorial Auditorium – D Block KCET Campus

B. Srinivas
HOD 10/11/22

U. Jais
10/11/22
Vice-Principal

10/11/22
Principal
PRINCIPAL
Krishnasamy College of
Engineering & Technology,
Kumarapuram,
Cuddalore-607 109.

E-Copy to:

1. The Chairman / CEO / ED
2. The Principal / The Vice-Principal / IQAC
3. The Heads of the various Departments / NB



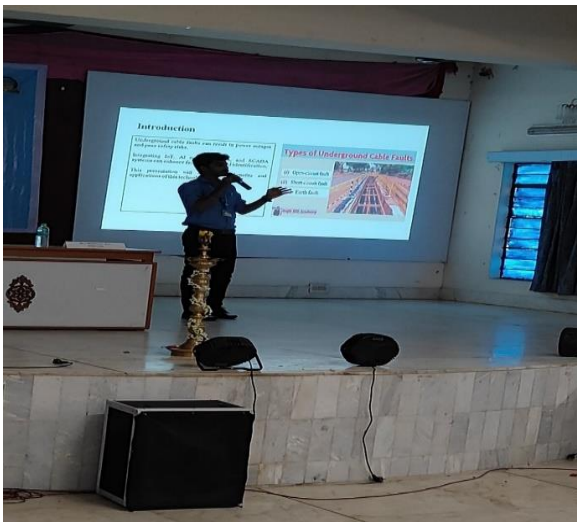


Second Year Focus

- **Public Speaking and Presentation Skills:** Prepares students for various symposiums and competitions.
- **Technological Awareness:** Workshops, seminars, and guest lectures introduce students to current industry trends.



Knowledge Sharing on Scope and Opportunities for Communication Engineers



Paper presentation by our students at VRS & CHRIST College of Engineering



Pre Final Year Emphasis

- **Aptitude and Technical Skills:** Internships, in-plant training, industrial visits, and mini projects enhance technical and soft skills.



Sample Certificate for Students Participate 2 Weeks Online Internship Program



Department Of Civil Engineering Visited GD Builders Plant at Pondicherry On 29.04.2022



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Aptitude Training Session Handled By Our Internal Experts

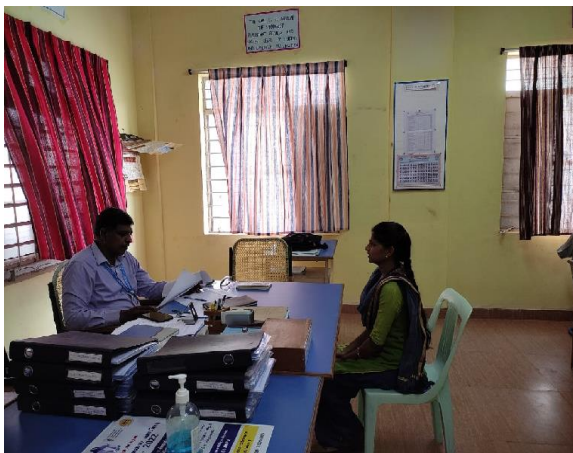


Aptitude Online Test Conducted By Our Internal Experts



Final Year Preparation

- **Interview Skills and Placement Training:** Rigorous sessions align students with industry expectations for successful placements.
- **Entrepreneurship Initiatives:** Programs like Entrepreneurship Awareness Camps and Development Programs foster entrepreneurial skills.



Mock interview Conducted by Our Internal Experts



Group Discussion Activity Conducted by Our Internal Experts



Evidence of Success:

Integration of these practices has significantly boosted student confidence and employability:

- **Placement Statistics:** Over 70% of students secured placements in reputed multinational companies.
- **Salary Increase:** Average salary saw a 50% rise over the past five years.
- **Industry Engagement:** A doubled recruitment visit from companies is a testament to our efforts.
- **Naan Mudhalvan Scheme Recognition:** Ranked 48th among 315 self-financing colleges under Anna University based on placement records.



Oncampus Placement Drive

The above evidence demonstrates our institution's commitment to fostering employability and career readiness among students through effective placement strategies and industry engagement. We continue to evolve our programs to meet current market demands and ensure sustained success for our graduates.



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Challenges and Resources:

1. **Curriculum Autonomy and Time Constraints:** Improve curriculum autonomy and manage time constraints.
2. **Industry Partnerships and Internships:** Expand industry partnerships for diverse internships and placements.
3. **Shift to Software Careers:** Address student interest shift to software over core engineering.
4. **Effective Skill Training Monitoring:** Enhance monitoring of skill training effectiveness.
5. **Autonomy, Labs, and Accreditations:** Attain autonomy, enhance labs, and seek industrial accreditations.
6. **Motivation Programs and Tech Application:** Conduct motivation programs on AI, ML, and IOT in engineering.

These concise summaries can help in outlining key focus areas and challenges for your educational institution or program.