



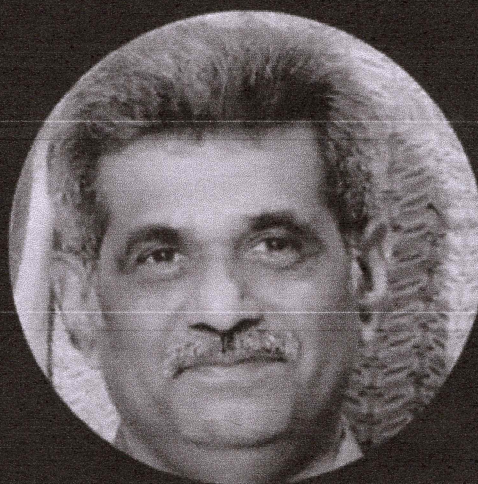
**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR**

Korom, Chalakkode P.O., Payyanur, Kannur - 670307
Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur
Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE



DEPARTMENT OF MECHANICAL ENGINEERING Presents

WORKSHOP ON DESIGN THINKING



Sadasivan KK
K-DISC mentor

In Association with IEDC

INSTITUTION CODE

SNC



Meeting hall



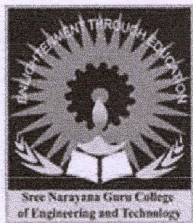
13/11/2023



9:30am

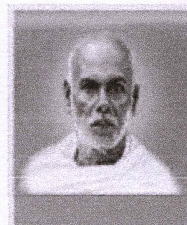
Website : www.sngcet.ac.in

[Signature]
DR. LEEZA A. V.
PRINCIPAL
Sree Narayana Guru College of
Engineering & Technology, Payyanur
Kannur



**SREE NARAYANA GURU
COLLEGE OF ENGINEERING & TECHNOLOGY**

(PROMOTED BY SREE BHAKTHI SAMVARDHINI YOGAM, KANNUR)
CHALAKKODE P.O., PAYYANUR, KANNUR-670307, KERALA



WORKSHOP ON DESIGN THINKING

Monday 13th November 2023

Agenda

Prayer

Welcome Address

Mr. Jacob Thomas, Head Project and Consultancy

Principal's Address

Dr. Leena A V; Principal, SNGCET

Workshop session by

Mr. Sadasivan K. K, K-DISC mentor

Felicitation

Dr. Raji Sukumar, IEDC Coordinator

Vote of Thanks

Dr. Sudhin Chandran, HOD Mechanical

Time:09.30 AM

Venue:Meeting Hall

**Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR**



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

Submitted by the department of: Mechanical Engineering

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	Workshop
2	Event name	Workshop on Design Thinking
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	13-11-2023
6	Venue	Meeting Hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Student members of IEDC
9	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
10	Objectives of the event	To provide all professionals with a standardized innovation process to develop creative solutions to problems.
11	Expected Outcomes	Gain a measurable edge in today's competitive market
12	Connected PO / PSO	PO1: ENGINEERING KNOWLEDGE PO2: PROBLEM ANALYSIS PO3: DESIGN OF SOLUTIONS, PO12: LIFELONG LEARNING.
13	Justification for PO / PSO [may use separate sheet if necessary]	
14	Name of the resource person(s)	Mr. Sadasivan. K. K
15	Designation of the resource	K-DISC mentor

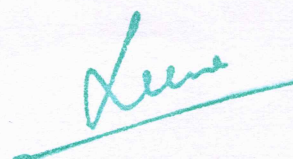
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JUSTIFICATION OF PO/PSO

1. **PO 1: Engineering Knowledge:** This PO is essential because it ensures that graduates have a solid foundation in the core principles and theories of their respective engineering discipline. Engineering knowledge forms the basis for problem-solving, design, and innovation in engineering practice.
2. **PO 2: Problem Analysis:** Justification: Problem analysis is a critical skill for engineers as they encounter complex challenges that require systematic investigation and understanding. By emphasizing this PO, graduates are equipped with the ability to break down complex problems into manageable components, identify relevant factors, and apply appropriate analytical techniques to arrive at effective solutions.
3. **PO 3: Design/Development of Solutions:** Justification: Design and development are at the core of engineering practice, where engineers conceptualize and create solutions to address specific needs or challenges. This PO ensures that graduates are capable of translating theoretical knowledge into practical applications by designing innovative solutions that meet desired objectives.
4. **PO 12: Lifelong Learning:** Justification: Lifelong learning is vital in engineering due to the rapid pace of technological advancement and evolving industry trends. Engineers must continuously update their skills, stay abreast of new developments, and adapt to changing requirements throughout their careers.

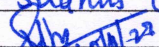
These Program Outcomes collectively ensure that graduates are well-prepared to excel in their chosen engineering fields, equipped with the knowledge, skills, and mindset necessary for success in both their professional careers and ongoing personal development.



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	person (may attach separate sheet to indicate the profile)	
16	Resource requirements	
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether budget for the event is attached? (use separate sheet to indicate the estimated budget)	Yes
19	Any other relevant information	
20	Name of the event coordinator(s)	Mr. Jijin. I and Mr. Rahul. C. G
21	Dated signature of the coordinator(s)	 10/11/23  10/11/23

II. TO BE FILLED BY THE DEPARTMENT HOD(any one of the HoD, in case if the event is jointly conducted by various department(s))

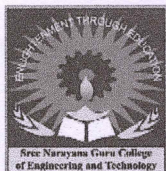
1	Comments on the relevance of the event	Beneficial for PSC Member
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended ✓ Not Recommended
3	Name	Dr. Sudhish Chandras.
4	Dated Signature	 10/11/23

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:

Dr. LEENA A. V.
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SREE NARAYANA GURU COLLEGE OF
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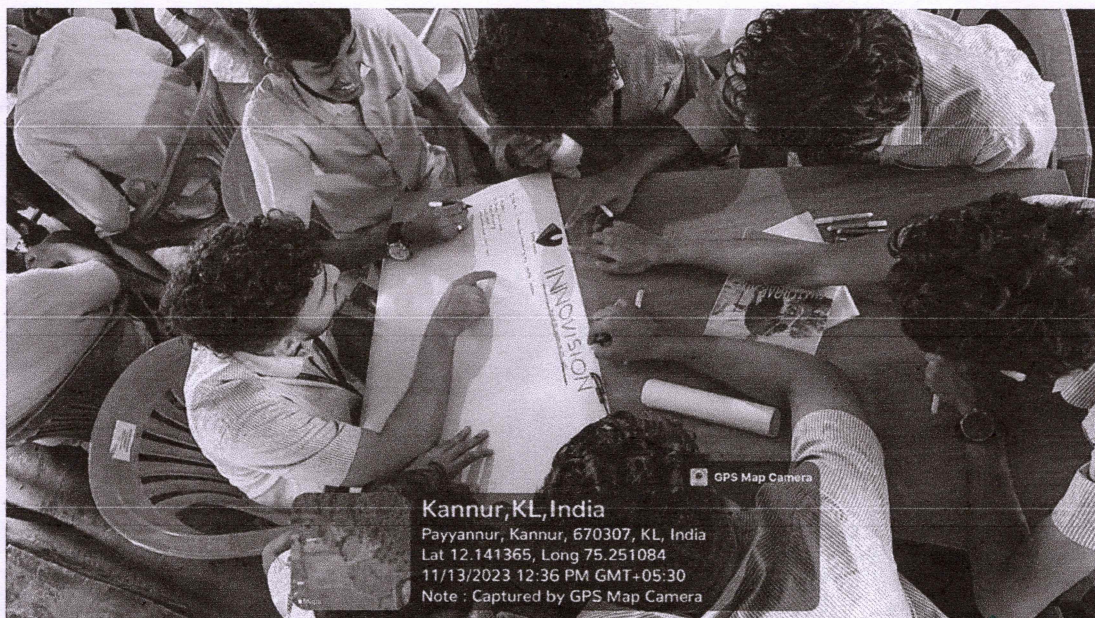
SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

Report of the Session on WORKSHOP ON DESIGN THINKING

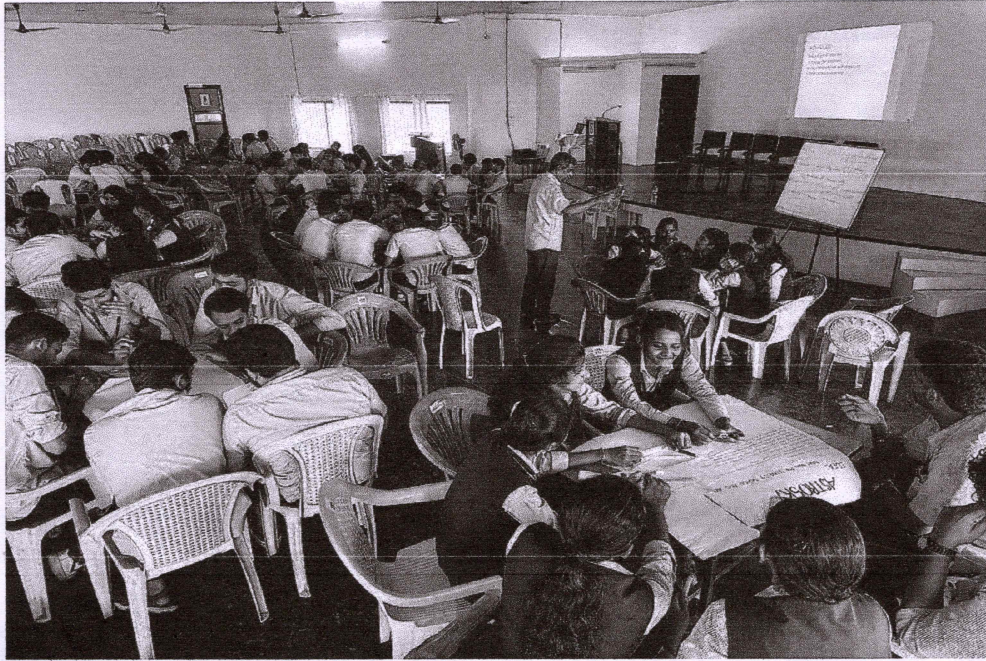
The Department of Mechanical Engineering (ME) and the Innovation and Entrepreneurship Development Cell (IEDC) jointly organized the "Workshop on Design Thinking" on November 13th, 2023, at 9:30 AM in SNGCET's seminar hall. The primary objective of the event was to provide a platform for students to present their innovative ideas and showcase their entrepreneurial mindset. The session commenced with a welcoming address from Mr. Jacob Thomas, Assistant Professor of ME (Head Project and Consultancy), expressing gratitude to participants, faculty, and students for their enthusiastic support. Mr. Jacob underscored the importance of fostering creativity and innovation in today's dynamic world, encouraging students to explore new ideas. Dr. Raji Sukumar, IEDC Coordinator, delivered the felicitation speech, commending the ME department and IEDC for organizing an event that promotes innovation and entrepreneurship. She urged students to leverage the resources available at SNGCET for the development of their ideas and projects. Following the address, the workshop, led by Mr. Sadasivan K.K, K-DISC Mentor, commenced. This segment, eagerly anticipated, highlighted the creativity and entrepreneurial spirit of the students. The presentations covered a diverse range of topics, from software applications to sustainable solutions for real-world problems. Each presentation included a dedicated time for demonstration and Q&A.

To conclude the event, Mr. Sudhin Chandran, Head of Department ME, delivered the vote of thanks. He expressed gratitude to participants, faculty, and students, as well as the management, sponsors, and the IEDC cell for their unwavering support in ensuring the success of the workshop.



Event Photos Design Thinking

Leena
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Event Photos Design Thinking

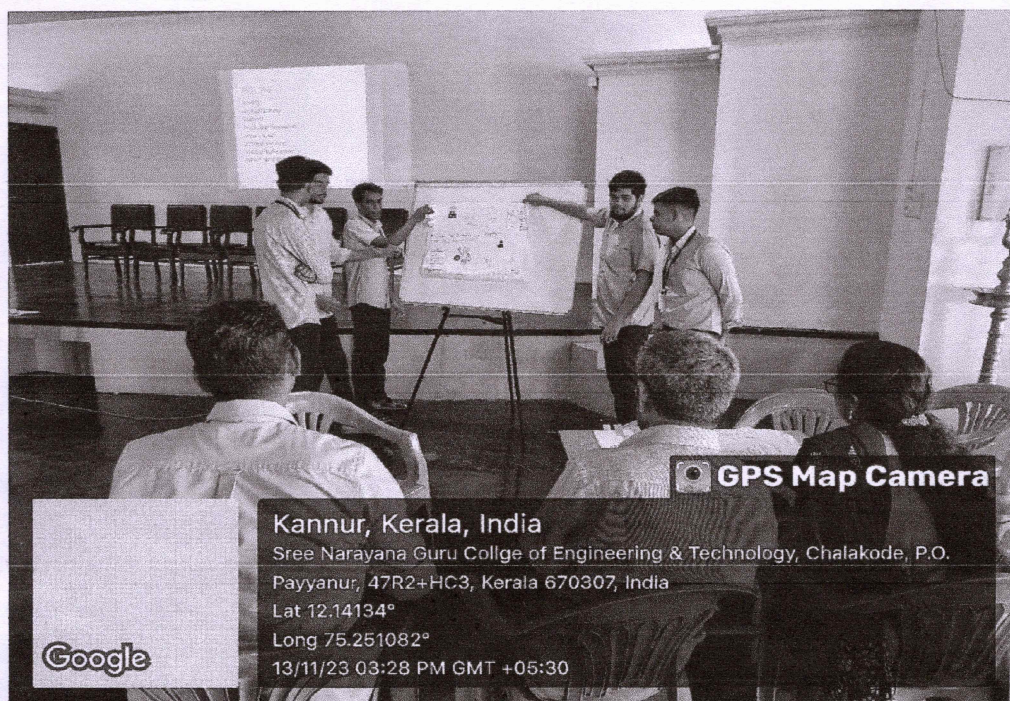


Event Photos Design Thinking

The "Design Thinking Workshop" session proved highly successful, providing students with a platform to showcase their innovative ideas and receive valuable feedback. It underscored the ME department and IEDC's dedication to cultivating a culture of innovation and entrepreneurship at SNGCET. Such gatherings are instrumental in equipping students for the challenges and opportunities of the modern world. Upon concluding the session, participants left with a renewed sense of inspiration and determination to further refine their ideas, aiming to positively impact the world through their innovations. The session, characterized by informative presentations and insightful addresses, unquestionably enhanced the academic environment at SNGCET.


Leena

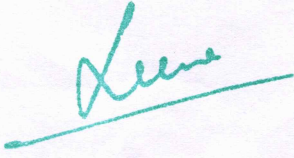
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Event Photos Design Thinking

The workshop on "Design Thinking" session proved to be highly successful, offering students a platform to present their innovative ideas and receive valuable feedback. It reflected the ME department and IEDC's dedication to nurturing a culture of innovation and entrepreneurship at SNGCET. Such events are crucial in preparing students for the challenges and opportunities of the contemporary world. Participants left the session with a renewed sense of inspiration and determination to further refine their ideas, aiming to make a positive impact on the world through their innovations. The session, featuring informative presentations and insightful addresses, undeniably contributed value to the academic environment at SNGCET.

Dominic Thomas



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WORKSHOP ON DESIGN THINKING (13/11/2023)
PARTICIPANT LIST

SL no	Name	Department	Semester
1	Abhisree Ashokan	Computer Science and Engineering	S5
2	Abiram Sunil	Computer Science and Engineering	S5
3	Anupam K V	Computer Science and Engineering	S5
4	Arathi T V	Computer Science and Engineering	S5
5	Aswathi K V	Computer Science and Engineering	S5
6	Athira K V	Computer Science and Engineering	S5
7	Nandana M	Computer Science and Engineering	S5
8	Jishnu K R	Computer Science and Engineering	S5
9	Muhammed Thajudheen	Computer Science and Engineering	S5
10	Vishal V V	Computer Science and Engineering	S5
11	Abhinav K	Computer Science and Engineering	S5
12	Arjun K V	Computer Science and Engineering	S5
13	Uthrara M V	Computer Science and Engineering	S5
14	Aswathi A V	Computer Science and Engineering	S5
15	Keerthana K	Computer Science and Engineering	S5
16	Sreya S Krishnan	Computer Science and Engineering	S5
17	Sarang V	Computer Science and Engineering	S5
18	Vyshak Umeshan	Computer Science and Engineering	S5
19	Adhin O	Electrical and Electronics Engineering	S5
20	Sidharth K	Mechanical Engineering	S5
21	Nandana K	Civil Engineering	S5
22	Adarsh Vijayakumar	Mechanical Engineering	S5
23	Aslaha B	Civil Engineering	S5
24	Hrishikesh P V	Electrical and Electronics Engineering	S5
25	Hrithik Anil	Mechanical Engineering	S5
26	Adarsh P	Mechanical Engineering	S5
27	Shibin R	Mechanical Engineering	S5
28	Sreerag P R	Mechanical Engineering	S5
29	Aadith	Mechanical Engineering	S5
30	Sanju P V	Mechanical Engineering	S5
31	Athul A P	Mechanical Engineering	S5
32	Midhun S Kumar	Mechanical Engineering	S5
33	Shahzad Abdul Rahman	Electronics and Communication Engineering	S3
34	Muhammed Shibil T	Electronics and Communication Engineering	S3
35	Sabin M	Electronics and Communication Engineering	S3
36	Sreya M	Electronics and Communication Engineering	S3
37	Malavika P	Electronics and Communication Engineering	S3
38	Fahad	Electronics and Communication Engineering	S3
39	Akash	Electronics and Communication Engineering	S3
40	Akash Krishna	Electronics and Communication Engineering	S3
41	Abdul Kader Anees K V V	Electronics and Communication Engineering	S3
42	Aman Vinod	Electronics and Communication Engineering	S3
43	Shagneya K	Electronics and Communication Engineering	S3
44	Rana Musthafa N P	Civil Engineering	S3
45	Vyshnav P K	Civil Engineering	S3
46	Muhammed Nahid A	Mechanical Engineering	S3
47	Mrudhul Krishna N	Civil Engineering	S3
48	Mushrabi M	Civil Engineering	S3
49	Abhishek C	Mechanical Engineering	S3
50	Amaldev V V	Mechanical Engineering	S3
51	Aswin M V	Mechanical Engineering	S3
52	Athirth Anish	Mechanical Engineering	S3
53	Amal K P	Mechanical Engineering	S3
54	Muhammed Safwan	Mechanical Engineering	S3
55	Sanjay Sreedharan	Mechanical Engineering	S3
56	Sarang S Hari	Mechanical Engineering	S3
57	Harikanth K P	Mechanical Engineering	S3
58	Amal M V	Mechanical Engineering	S3
59	Amruth Janardan	Mechanical Engineering	S3
60	Muhammed Zayan P	Mechanical Engineering	S3

Leena

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POST EVENT ANALYSIS FORM

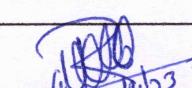
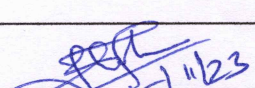
Submitted by the department of: MECHANICAL ENGINEERING

I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Workshop
2	Event name	Workshop on design thinking
3	Date and time of the event conducted	13/11/2023
4	Venue	Seminar Hall
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	No
6	Mode of conduct [online \ offline]	Offline
7	Is there any deviation from the proposal in the date, time and venue of the event? If yes, mention the reason for change	No
8	Whether any professional body was associated with the event? If yes, name the body	No
9	Any funds received from the professional body? Indicate the amount	No
10	Participants / Target Audience	Student Members of IEDC
11	Whether the event is conducted for bridging the gap in syllabus? If Yes, name the course with code and the semester and year it the subject is handled	No
12	Objectives of the event	To provide all professionals with a standardized innovation process to develop creative solution to problems
13	Expected Outcomes	Gain a measurable edge in today's competitive market
15	Connected PO / PSO	PO1: Engg. Knowledge PO2: Problem Analysis PO3: Design of Solutions PO12: Lifelong Learning.

PAGE 1 OF 2

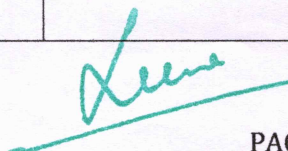
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KANNUR

16	Justification for PO / PSO [may use separate sheet if necessary]	
17	Whether feedback forms from audience and resource person is collected?	
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	
19	Attainment level of outcomes	
20	Name of the resource person	Mr. Sadasivan KK
21	Designation of the resource person(s)	K-DISC Mentor
22	Any other relevant information	
23	Name of the event coordinator(s)	Mr. Jijin I and Mr. Rahul CG
24	Dated signature of the coordinator(s)	 15/11/23  15/11/23

II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

List of enclosures – To be maintained in the file

Sl No:	ITEM	AVAILABILITY [YES / NO]
1	Posters	YES
2	Schedule of the event	YES
3	Registration form sample copy	
4	All registration forms duly filled and signed	
5	Profile of the resource person(s)	
6	Feedback forms filled by participants and resource person	
7	Feedback analysis sheet	
8	CO attainment calculation sheet	
9	Study Materials (if any)	
10	Letters or printouts of e-mail communication relevant to the event	



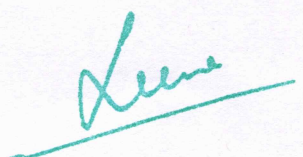
PAGE 2 OF 2

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JUSTIFICATION OF PO/PSO

1. **PO 1: Engineering Knowledge:** This PO is essential because it ensures that graduates have a solid foundation in the core principles and theories of their respective engineering discipline. Engineering knowledge forms the basis for problem-solving, design, and innovation in engineering practice.
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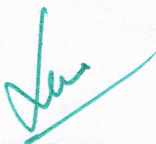
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11	Documents related to professional body associated with the event	
12	Photographs of the event	

1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Dr. Sudhin Chandran.
4	Dated Signature	

COMMENTS FROM PRINCIPAL



DATED SIGNATURE OF THE PRINCIPAL:

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR