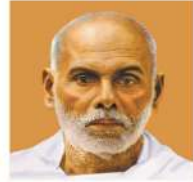




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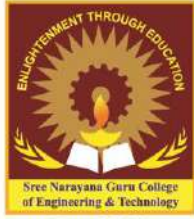


Criterion 7.3 - Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust.

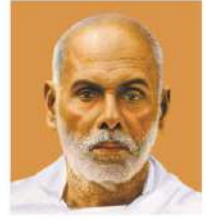
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INNOVATION CELL



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

SNGCET/CIR/72/2023

26-09-2023

OFFICE ORDER

An Innovation, Entrepreneurship and R&D Centre is constituted within our institution to coordinate various activities pertaining to Innovation, Entrepreneurship and research. The Innovation Cell, the formidable wing responsible for coordinating all innovative and entrepreneurial activities at SNGCET, is at the cusp of a significant transformation.

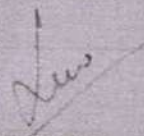
Four crucial initiatives:

1. The Innovation and Entrepreneurship Development Centre (IEDC) under Kerala Startup Mission.
2. HI/BI under MSME.
3. Institutions Innovation Council (IIC) under the Ministry of Human Resource Development (MHRD), Government of India.
4. R&D Centre for submitting Research Projects under various national and international agencies.

These endeavors symbolize our commitment to not just follow the trends of innovation but to set them. As we stand on the threshold of what promises to be an era of unparalleled growth in innovation and entrepreneurship. Our Innovation, Entrepreneurship and R&D Centre has the unique opportunity to serve as a catalyst for change, a hub of creativity, and a beacon of inspiration for all members of our academic community.

The members of the core committee are as follows:

- | | |
|---|--------------|
| • Dr. Leena A V, Principal | Chairperson |
| • Dr. Raji Sukumar A, Associate Professor CSE | Co-ordinator |
| • Dr. Susan Abraham, Dean UG & PG | Member |
| • Dr. Sudhin Chandran, Associate Professor ME | Member |
| • Mr. Shyaman V P, Assistant Professor S & H | Member |


PRINCIPAL

To

Members of the committee.

Dean/ HODs/ File

President/Secretary for kind information.


Dr. LEENA A V
PRINCIPAL

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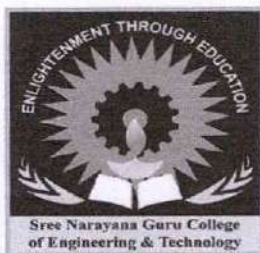
Status Report On Innovation and Entrepreneurship and R&D Centre

Date : 05/02/2024

Number	Code	Date	Department	Innovation unit	Name	Coordinator	Resource Person
IEDC (VEENA-CSE), IIC(ASWATI-EEE), HI/BI(SUDHIN-ME), R&D(RISHNA-CE), MIC-SIH(SOSHYA-EC)							
1	INOV001	01/08/2023	CSE, BRIDGE COURSE	IEDC	Entrepreneurship and Innovation	Shruthi P	Raji Sukumar A , Thulasibai A
2	INOV002	22/08/2023	CSE, BRIDGE COURSE	IEDC	IDEAZEST - IDEA PRESENTATION	Varsha M	Raji Sukumar A, Shruthi ,Shyaman
3	INOV003	31/08/2023	SNGCET	IEDC	Emanating Entrepreneurship Ethos(EEE 1.0)	Dr. Raji Sukumar A	Ajith Balakrishnan, Arun balakrishnan
4	INOV004	13/09/2023, 14/09/2023	CSE, VIHAN	IIC	Inspired by the Stars: Celebrating Chandrayaan Chronicles	Shyaman P	Dr. Raji Sukumar A, Bindhya N C
5	INOV005	20/09/2023	SNGCET	IIC	congratulatory letter to the Indian Space Research Organisation (ISRO) on the success of the Chandrayaan-3 mission	Shyaman P	Dr. Punaloor Prabhakaran
6	INOV006	21/09/2023	SNGCET	IIC	MOONBOUND MAGIC: Chandrayaan-3 Spectacles	Shyaman P	Dr. V K Janardhanan
7	INOV007	25/09/2023	EEE	IEDC	Conscious Marketing		
8	INOV008	30/09/2023	CSE	R&D	FDP on Research writing		Ms Rahina Moidu, Dr. Raji Sukumar A
9	INOV009	06/10/2023	EC	IEDC	Smart India Hackathon SNGCET 2023, Passionate about Innovations & Technology		Soshya
10	INOV010	10/10/2023	CSE		MSME Developments at campus Industrial Park from DIC Kannur,		Aswati

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11	INOV011	16/11/2023			Tech Genesis 1.0 2023		Dr. Raji
12	INOV012	23/11/2023	SALT		IgniteEdu-Launching		Dr. Raji
13	INOV013	02/12/2023	SALT		IgniteEdu-Udinur		Veena
14	INOV014	08/12/2023	LEAP		InnoVista		Dr. Raji
15	INOV015	31/01/2024	ED Training		Innov-24		Veena

1. IEDC : We have submitted application OUTCOME: Expected sanction on 2024
2. IIC : Need to form My Council and meeting, We have conducted the activity Chandrayaan OUTCOME: Increase our activity points to obtain funding
3. HI/BI: Submitted the application , OUTCOME:MSME team will visit and conduct a program on 6th Nov
4. MIC-SIH: SIH is planning to conduct on 6th Oct OUTCOME: Submit maximum ideas for funding
5. R&D: We have conducted an FDP on research writing OUTCOME: Expect papers , articles, Book for publishing as early as possible

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Status Report On Innovation and Entrepreneurship and R&D Centre

Establishing an **Innovation, Entrepreneurship and R&D Centre** can significantly contribute to fostering a culture of innovation, creativity, and entrepreneurship among students and faculty.

1. **IEDC (INNOVATION and ENTREPRENEURSHIP DEVELOPMENT CENTRE** under Kerala Start Up Mission) : We have submitted an application
OUTCOME: Expected sanction on 2024 with a Unique ID. We have organized more than 10 programs on behalf of IEDC SNGCET.
2. **IIC (INSTITUTION INNOVATION COUNCIL** under Ministry of Innovation Council Gov Of India) : We have conducted the activity Chandrayaan
OUTCOME: Increase our activity points to obtain funding.
3. **HI/BI (Higher Institution/ Business Incubation Under MSME)** : Submitted the application , OUTCOME:MSME teams visited and conducted a program on 8th Dec
4. **MIC (Ministry of Innovation Council** Gov Of India -Smart India Hackathon: SIH is conducted on 6th Oct
OUTCOME: Submitted maximum innovative ideas for funding
5. **Research & Development:** We have conducted an FDP on research writing
OUTCOME: Expect papers , articles, Book for publishing as early as possible
6. **Startup Awareness and Leadership Training (SALT)** Designed a project **IgniteEdu** envisions cultivating a generation of young empowered leaders and innovative entrepreneurs.

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Sree Narayana Guru Engineering & **Technology**

Startup and Innovation Policy for SNGCET

1. Introduction:

Sree Narayana Guru College of Engineering and Technology, Payyanur recognizes the importance of fostering a culture of innovation, entrepreneurship, and research & development (R&D) among its students, faculty, and staff. This policy is established to provide guidelines and support for startups and innovation initiatives within the college community.

2. Objectives:

- 2.1. To promote and support innovation, creativity, and entrepreneurship among students and faculty.
- 2.2. To facilitate the development of entrepreneurial ventures and startups based on innovative ideas and technologies.
- 2.3. To encourage collaborative research and development initiatives that address real-world challenges and contribute to societal impact.
- 2.4. To foster partnerships with industry, government, and other stakeholders to drive innovation and economic growth.

3. Support Mechanisms:

- 3.1. Innovation, Entrepreneurship, and R&D Centre: The college shall establish and support an Innovation, Entrepreneurship, and R&D Centre in accordance with the bylaws outlined above. The Centre shall provide resources, training, mentorship, and networking opportunities to support startup initiatives and innovation activities.
- 3.2. Incubation Support: The Centre shall offer incubation support to startup ventures, including access to office space, laboratories, equipment, and infrastructure. Mentors, advisors, and industry experts shall be available to provide guidance and support to startup founders.


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3.3. Funding Opportunities: The college shall explore funding opportunities to support startup ventures and innovation projects. This may include grants, seed funding, venture capital investments, and partnerships with funding agencies and investors.

3.4. Curriculum Integration: The college shall integrate entrepreneurship and innovation courses into the academic curriculum across various disciplines. Project-based learning, capstone projects, and research initiatives shall be encouraged to foster innovation and entrepreneurship among students.

3.5. Industry Collaboration: The college shall foster collaborations with industry partners to provide students and faculty with opportunities for industry internships, collaborative research projects, and technology transfer. Industry mentors shall be invited to engage with students and provide insights into industry trends and challenges.

3.6. Networking and Events: The college shall organize networking events, workshops, seminars, and guest lectures to facilitate knowledge exchange, collaboration, and networking among students, faculty, alumni, and industry stakeholders.

4. Intellectual Property Rights (IPR):

4.1. The college shall establish clear policies and procedures regarding intellectual property rights (IPR) for innovation and research outputs. Inventors and creators shall be encouraged to disclose and protect their intellectual property through patents, copyrights, or other forms of protection.

4.2. The college shall facilitate the transfer and commercialization of intellectual property generated within the college community through licensing agreements, spin-off companies, and technology transfer offices.

5. Evaluation and Monitoring:

5.1. The college shall establish mechanisms to evaluate the effectiveness and impact of startup and innovation initiatives. Key performance indicators (KPIs) shall be identified to assess the success of these initiatives in terms of startup creation, job creation, revenue generation, and societal impact.

5.2. Regular monitoring and review shall be conducted to identify areas for improvement and refinement of startup and innovation policies and programs.

6. Compliance and Review:

6.1. This policy shall be reviewed periodically to ensure its alignment with the college's mission, goals, and strategic objectives. Amendments and updates may be made as necessary to reflect changes in the startup and innovation ecosystem and the evolving needs of the college community.



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6.2. All members of the college community shall comply with the provisions of this policy and adhere to the guidelines and procedures outlined herein.

Conclusion:

This Startup and Innovation Policy for Sree Narayana Guru College of Engineering and Technology, Payyanur outlines the college's commitment to fostering a culture of innovation, entrepreneurship, and research excellence. By providing support mechanisms, integrating entrepreneurship into the curriculum, fostering industry collaboration, and protecting intellectual property rights, the college aims to empower its students and faculty to create impactful startups and drive positive change in society.

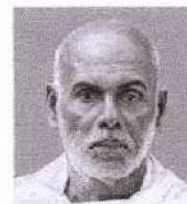


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Innovation, Entrepreneurship and R&D Centre

Implementation Project: **EmergeInnovate 2023: Igniting Innovation, Powering Entrepreneurship, and Advancing Research Research and Development at SNGCET Payyanur.**

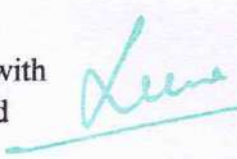
Establishing an **Innovation, Entrepreneurship and R&D Centre** can significantly contribute to fostering a culture of innovation, creativity, and entrepreneurship among students and faculty. Here are the planning steps to set up the centre through the project **EmergeInnovate 2023**.

1. **Needs Assessment:** Begin by conducting a thorough needs assessment to understand the specific requirements and objectives of the **Innovation, Entrepreneurship and R&D Centre**. Identify the challenges and opportunities within the college and the broader community.
2. **Innovation, Entrepreneurship and R&D Centre** Develop a clear vision and mission statement for the wing. Define its **EmergeInnovate** purpose goals, and expected outcomes.
3. **Secure Support and Resources:** Garner support from college leadership, including the administration, faculty, and relevant departments. Allocate financial and human resources to support the wing's activities.
4. **Design the Structure:** Determine the organizational structure of the wing, including the leadership team, staff roles, and reporting relationships. Clearly define the responsibilities and expectations for each role.
5. **Curriculum Development:** Collaborate with faculty to design and integrate entrepreneurship and innovation courses into the existing engineering curriculum. Create interdisciplinary programs that promote innovation and entrepreneurship.
6. **Faculty Training:** Provide training and professional development opportunities for

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faculty members to enhance their understanding of entrepreneurship and innovation concepts and pedagogical approaches.

7. **Student Engagement:** Develop a range of programs and initiatives to engage students in entrepreneurship and innovation activities. This may include hackathons, pitch competitions, workshops, and guest lectures.
8. **Mentorship and Networking:** Establish a network of mentors, industry experts, and successful entrepreneurs who can provide guidance and support to students. Encourage alumni involvement in mentoring.
9. **Incubation and Acceleration:** Create an incubation and acceleration program to support student startups. Provide access to co-working spaces, funding opportunities, legal assistance, and mentorship for early-stage ventures.
10. **Partnerships:** Collaborate with local industries, startups, government agencies, and other educational institutions to create a vibrant ecosystem for innovation and entrepreneurship. Seek partnerships that offer internships, research projects, and funding opportunities.
11. **Finding Sources:** Identify potential sources of funding for the wing's activities, including grants, corporate sponsorships, and government initiatives aimed at promoting entrepreneurship and innovation.
12. **Infrastructure and Facilities:** Ensure that the wing has the necessary infrastructure, including dedicated innovation labs, maker spaces, and technology resources to support students' projects and research.
13. **Promotion and Awareness:** Develop a comprehensive marketing and communication strategy to promote the wing's activities and opportunities. Create a strong online presence and engage with social media platforms.
14. **Assessment and Evaluation:** Establish key performance indicators (KPIs) to measure the success and impact of the wing's programs and initiatives. Regularly assess and evaluate the effectiveness of the activities.
15. **Continuous Improvement:** Continuously gather feedback from students, faculty, mentors, and stakeholders to refine and enhance the offerings of the innovation and entrepreneurship wing. Adapt to changing trends and needs.
16. **Legal and Regulatory Compliance:** Ensure that all activities of the wing comply with relevant legal and regulatory requirements, including intellectual property rights and business registration for student startups.


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- 17. Celebrating Success:** Celebrate and showcase the achievements and success stories of students and startups that have benefited from the innovation and entrepreneurship wing. This inspires others and builds a culture of innovation.
- 18. Sustainability:** Develop a sustainability plan to ensure the long-term viability of the wing. Explore revenue-generating activities and partnerships to support ongoing operations.

By following these steps, our college can establish a thriving innovation and entrepreneurship wing that empowers students to explore our entrepreneurial aspirations, fosters a culture of innovation, and contributes to economic and societal development

Vision: "Cultivating Innovation, Inspiring Excellence"

Introduction:

The Innovation Unit at Sree Narayana Engineering College envisions a dynamic and inclusive ecosystem that fosters innovation, creativity, and excellence among our students, faculty, and the broader community. Our vision is rooted in the spirit of our revered founder, Sree Narayana Guru, who championed knowledge, equality, and social progress.

Vision Description:

Nurturing Innovators: We aspire to create an environment where every student is empowered to become an innovator and a problem solver. We believe in nurturing the inherent creativity of our students, encouraging them to question the status quo, and inspiring them to find innovative solutions to real-world challenges.

Fostering Interdisciplinary Excellence: We envision an interdisciplinary approach to innovation, where students from diverse fields collaborate, exchange ideas, and leverage their collective knowledge to address complex global issues. We aim to break down silos between academic disciplines and promote cross-pollination of ideas.

Empowering Community Impact: Our vision extends beyond the boundaries of our college campus. We seek to empower our students to create innovations that have a positive impact on society, addressing pressing challenges in health care, environment, technology, and beyond. We envision our innovation unit as a hub for community engagement and service.

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Core Values: Our vision is guided by a set of core values:

Excellence: We are committed to promoting excellence in innovation and entrepreneurship, fostering a culture of continuous improvement and academic rigor.

Inclusivity: We believe in inclusivity, ensuring that innovation opportunities are accessible to all, regardless of background, gender, or abilities.

Ethical Responsibility: We emphasize ethical conduct and social responsibility, encouraging our innovators to consider the ethical implications of their work and its impact on society.

Sustainability: We are dedicated to promoting sustainable innovation practices that contribute to environmental and societal well-being.

Strategic Goals: Our vision is under pinned by strategic goals

Student-Centric Innovation: To empower every student to explore, experiment, and innovate throughout their academic journey.

Research and Development: To support cutting-edge research and development projects that address global challenges.

Entrepreneurship Ecosystem: To create a thriving entrepreneurship ecosystem that enables startups to flourish and grow.

Community Engagement: To actively engage with the local and global community, collaborating on projects that make a difference.

International Recognition: To establish ourselves as a center of innovation excellence, earning recognition on the national and international stage.

Conclusion:

In conclusion, the Innovation Unit at Sree Narayana Engineering College is driven by a visionary commitment to fostering innovation, interdisciplinary collaboration, and community impact. Our vision reflects the values and ethos of our institution, paving the way for a future where our students are empowered to create positive change in the world through innovation and entrepreneurship. Together, we aspire to

"Cultivate Innovation, Inspire Excellence."

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Mission: "Empowering Innovators, Transforming Communities"

Mission Description: The mission of the Innovation Unit at Sree Narayana Engineering College is to empower students, faculty, and the broader community to become innovators, creators, and problem solvers. We are dedicated to cultivating a culture of innovation and inspiring excellence in every endeavor.

Core Principles: Our mission is guided by the following core principles:

Education for Innovation: We are committed to providing education that fosters innovation and entrepreneurship, equipping our students with the skills, knowledge, and mindset to thrive in a rapidly changing world.

Interdisciplinary Collaboration: We promote interdisciplinary collaboration, encouraging students and faculty from diverse fields to work together, exchange ideas, and tackle complex challenges collectively.

Community Engagement: We actively engage with our local and global communities, seeking opportunities to contribute our innovative solutions to address societal and environmental issues.

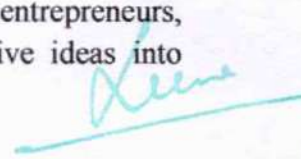
Ethical Innovation: We emphasize ethical responsibility in innovation, instilling a strong sense of ethics, integrity, and social consciousness in our innovators.

Inclusivity: We ensure inclusivity by providing equal access to innovation opportunities, promoting diversity, and removing barriers to participation.

Student Empowerment: We empower students to explore their innovative potential through experiential learning, mentorship, and access to state-of-the-art resources.

Research and Development: We support and facilitate cutting-edge research and development projects that have the potential to make a significant impact on local and global challenges.

Entrepreneurship Support: We provide a nurturing environment for aspiring entrepreneurs, offering guidance, resources, and networking opportunities to turn innovative ideas into successful startups.


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Community Outreach: We actively engage with the community through outreach programs, partnerships, and collaborative projects that address real-world problems.

International Collaboration: We seek collaborations with renowned institutions and organizations worldwide to promote knowledge exchange and global innovation.

The mission of the Innovation Unit at Sree Narayana Engineering College is to empower, transform, and inspire. Through education, interdisciplinary collaboration, ethical innovation, inclusivity, and community engagement, we aim to foster a culture of innovation that not only benefits our institution but also contributes positively to society.

Essential documents and files

To establish and operate an Institute Innovation Cell in SNGCET, you will typically need to prepare and maintain a set of essential documents and files. These files help in the smooth functioning and documentation of the IIC's activities. Here's a list of files that are commonly required for an Institute Innovation Council:

Constitution and Charter: This file should contain the IC's constitution, charter, or bylaws, outlining its objectives, structure, and operating guidelines.

Membership Records: Maintain records of IC members, including their names, contact details, roles, and responsibilities within the council.

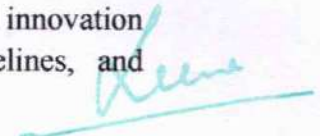
Meeting Minutes: Keep a file of minutes from IC meetings, including agendas, discussions, decisions, and action items.

Annual Reports: Document the council's activities, achievements, and progress in an annual report, which should be filed for each academic year.

Project Proposals and Reports: Maintain records of project proposals submitted by students and faculty, along with project reports, outcomes, and evaluations.

Financial Records: Keep a ledger of financial transactions, budgets, and expenditures related to IIC activities.

Innovation Projects Database: Create a database or file with information on all innovation projects undertaken by the institution, including project descriptions, timelines, and outcomes.


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Event and Workshop Records: Document any innovation-related events, workshops, seminars, or conferences organized or attended by the IIC.

Collaboration Agreements: Store copies of collaboration agreements, memorandums of understanding (MOUs), or partnership agreements with external organizations, if applicable.

Resource Directory: Compile a directory of innovation-related resources, including information on experts, mentors, labs, and facilities available within the institution.

Intellectual Property Records: Keep records of any intellectual property generated through innovation projects, including patents, copyrights, and licenses.

Student Project Profiles: Maintain profiles of students involved in innovation projects, showcasing their achievements, skills, and contributions.

Faculty Engagement Records: Document faculty involvement in innovation initiatives, research, and mentorship activities.

Feedback and Evaluation Reports: Store feedback from students, faculty, and stakeholders, as well as reports on the effectiveness and impact of IIC programs.

Publications and Research Papers: Maintain copies of research papers, publications, and articles authored by members of the IIC.

Communication and Outreach: Keep records of communication materials, including newsletters, website content, social media posts, and press releases.

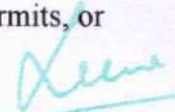
Evaluation and Assessment: Document the methods and criteria used for assessing the success and impact of innovation projects and activities.

Awards and Recognitions: Maintain records of awards, honors, or recognitions received by the IIC or its members.

Participation Certificates: Issue and keep copies of certificates for students, faculty, and participants involved in IIC activities.

Strategic Plans: Document the IIC's strategic plans and roadmaps for future innovation initiatives.

Legal and Compliance Documents: Keep copies of any legal documents, licenses, permits, or approvals required for the functioning of the IIC.


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Research Ethics Guidelines: Include guidelines and policies related to research ethics, if applicable.

Inventory and Equipment Records: Maintain records of equipment, materials, and resources owned or utilized by the IIC.

Annual Audits: If required, conduct and document annual financial audits of the IIC's accounts.

Feedback Forms: Store feedback forms used for collecting input and suggestions from participants and stakeholders.

Mentorship and Expertise: Maintain records of mentors and experts who contribute to innovation projects and activities.

Training and Capacity Building: Document training sessions, workshops, and Capacity building programs conducted by the IC

Strategic Partnerships: Keep records of any strategic partnerships or alliances with industry, government, or other institutions.

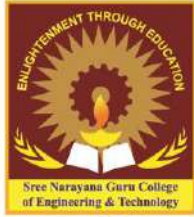
Sustainability Plans: Outline plans for the sustainability of IC initiatives and programs over the long term.

Emergency Plans: Prepare emergency response plans and contact information for the IC team.

Having these files and documents organized and up-to-date will help ensure the effective functioning and accountability of the Institute Innovation Council while facilitating transparency and communication among stakeholders.

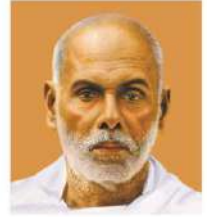


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IEDC



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IEDC PROGRAMME LIST

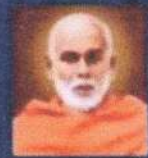
S.NO	LIST OF PROGRAMMES	SCHEDULED DATES	ACADEMIC YEAR
1	IEDC Orientation programme	04/04/2023	2022-2023
2	Entrepreneurship and innovation	01/08/2023	2023-2024
3	IDEAZEST-IDEA PRESENTATION	22/08/2023	2023-2024
4	MSME Development and (in) campus industrial park	10/10/2023	2023-2024
5	Workshop on design thinking	13/11/2023	2023-2024
6	TechGenesis1.0 2023	16/11/2023	2023-2024

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KOROM, PAYYANUR, KANNUR - 670307 OFFICE: 04985-201989
EMAIL: INFO@SNGCET.ORG



IEDC Orientation Programme



Mr. Vinod K

**Lecturer in Electronics
EKNMGPTC, Trikaripur**

Venue : Meeting Hall

4th April

9:30 AM

Staff coordinators

Dr. Sudhin Chandran
Asst. Prof. ME

Ms. Veena KK
Asst. Prof. CSE

Student coordinators

Abhiram AV- S6 CSE
Thejasree T K - S6 ECE
Ashwin John - S6 ME
Aswathi P P -S6 EEE
Vaishnavi N K - S6 CE

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR,
KANNUR



EVENT PROPOSAL FORM

Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING

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

1	Event type	Orientation Programme
2	Event name	The Innovation and Entrepreneurship Development Centres (IEDC) Orientation Programme
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	04-04-2023
6	Venue	Seminar hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Inside participants
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 create future founders by promoting Innovation, Technology and Business Learning among student community. • To promote innovation and entrepreneurial culture in educational institutions. • To develop institutional mechanisms to foster techno-entrepreneurship for generation of wealth and employment.
11	Expected Outcomes	• To begin an IEDC cell in our institution. • Students will be able to sell themselves and their ideas through IEDC. • Students master oral and visual presentation skills and establish a foundation of confidence in their skills.
12	Connected PO / PSO	PO5: Modern tool usage PO6: The engineer and society PO7: Environment and sustainability PO8: Ethics PO9: Individual and team work PO11: Project management and finance PO12: Life long learning

PAGE 1 OF 2

Dr. LEENA A. V.
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KANNUR

13	Justification for PO / PSO [may use separate sheet if necessary]	
14	Name of the resource person(s)	Vinod K
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Lecturer in Electronics Department, EKNMGPTC, Trikaripur
16	Resource requirements	Seminar hall, Projector, Mic
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	Nil
20	Name of the event coordinator(s)	Veena KK
21	Dated signature of the coordinator(s)	<i>Veena</i> 30/3/23

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	To be started at the earliest
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended Not Recommended
3	Name	Sunder V
4	Dated Signature	<i>Sunder V</i> 30/3/2023

COMMENTS FROM PRINCIPAL

Best wishes for the program

[Signature]
APPROVED / NOT APPROVED

[Signature] 30/3/23
DATED SIGNATURE OF THE PRINCIPAL:

DR. LETA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTANUR
MANNUR

PAGE 2 OF 2



Sree Narayana Guru College of Engineering & Technology

P.O. Chalakode, Payyanur - 670 307, Kannur Dist., Kerala State.

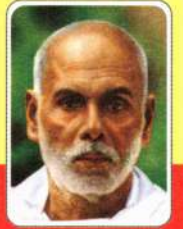
(Approved by AICTE New Delhi and Affiliated to APJ Abdul Kalam Technological University)

Managed by Sree Bhakthi Samvardhini Yogam, Kannur-2.

Ph: 04985-201987, 201988, 201989 EPABX: 201702, 703, 709 Fax: 04985-201988

Email: info@sngcet.org sngcet@bsnl.in

Website: sngcet.org



30-03-2023

To

The Principal

E K Nayanar Memorial Govt. Polytechnic College,
Trikaripur.

Sir,

Sub: one day Orientation programme for starting IEDC Cell-Reg.

We are pleased to inform you that we are planning to conduct a one day Orientation programme for starting IEDC Cell on 04th April 2023. I am writing the letter to request you to depute Mr. Vinod K, Lecturer in Electronics Department of your esteemed Institution as a Resource person for the same.

Looking forward to a positive response from your end.

Thanking you,

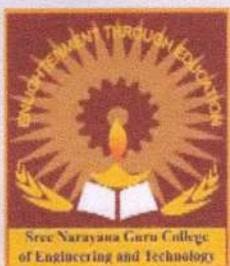
Yours faithfully,

PRINCIPAL

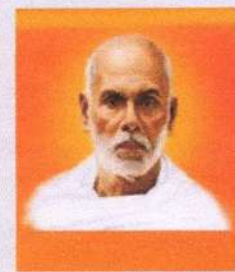
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR





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



**INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT CENTRE
(IEDC)**

ORIENTATION PROGRAMME

04TH APRIL 2023

PROGRAMME SCHEDULE

Time: 9.30 am

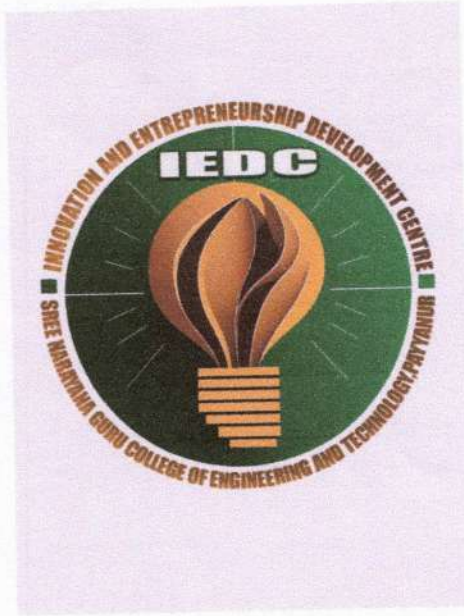
Venue: Meeting Hall

Prayer

Welcome address	: Dr. Sudhin Chandran, AP ME
Presidential address	: Dr. Leena A V, Principal, SNGCET
Introducing the resource person	: Ms. Rinsha T V, AP EEE
Address by the resource person and releasing the Logo	: Mr. Vinod K (Lecturer in Electronics, EKNMGPTC, Trikaripur
Felicitation	: Dr. Susan Abraham (Dean UG & PG, SNGCET Mr. Sunder V, HoD CSE
Vote of thanks	: Mrs. Veena K K, AP CSE

Leena

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



- Logo selected for IEDC SNGCET, PAYYANUR -

Dr. LEENA A. V.
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Presidential Address by Dr. Leena AV, Principal of SNGCET



Resource Session by Mr. Vinod K, Lectuer at EKNMGPTC Trikaripur

Dr. LEENA A. V.
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ENGINEERING & TECHNOLOGY, PAYANUR.
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Unveiling of IEDC SNGCET Logo



Token of gratitude to the resource person



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report of the Orientation Programme for IEDC SNGCET

Date: 4th April 2023

Venue: SNGCET, [Meeting hall]

The Innovation and Entrepreneurship Development Cell (IEDC) of SNGCET conducted its annual orientation programme on the 4th of April, 2023. The event was graced by Dr. Leena AV, the Principal of SNGCET, and featured Mr. Vinod K, a respected lecturer from EKNMGPTC Trikaripur, as the resource person. The highlight of the event was the unveiling of the new IEDC SNGCET logo.

1. Presidential Address: The programme began with a warm welcome to all attendees. Dr. Leena AV, Principal of SNGCET, delivered the inaugural address. She emphasized the importance of fostering innovation and entrepreneurship among students and how IEDC plays a pivotal role in achieving this goal. Dr. Leena AV encouraged students to take advantage of the resources provided by IEDC and to pursue their entrepreneurial dreams.

2. Resource Session by Mr. Vinod K: Mr. Vinod K, an accomplished lecturer from EKNMGPTC Trikaripur, conducted an engaging and informative session on various aspects of entrepreneurship. He shared valuable insights on ideation, business planning, and the challenges and opportunities in the entrepreneurial world. Mr. Vinod K's session was well-received by the attendees, who found his expertise inspiring and educational.

3. Unveiling of IEDC SNGCET Logo: A moment of pride for the IEDC team and the college community was the unveiling of the new IEDC SNGCET logo. The logo, a symbol of innovation and entrepreneurship, was revealed during the same function. It captures the spirit of creativity, innovation, and forward-thinking, which are the core values of IEDC. The designer behind the logo is Aswanth C, a student from Mechanical Engineering department.

**Dr. LEENA A. V.
PRINCIPAL**

**SREE NARAYANA GURU COLLEGE OF
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KANIMUR**

4. Interactive Q&A Session: Following Mr. Vinod K's presentation, an interactive Q&A session was held. Attendees had the opportunity to ask questions and seek further clarification on various entrepreneurship-related topics. The session fostered engagement and encouraged students to think critically about their entrepreneurial aspirations.

5. Networking and Refreshments: After the formal programme, attendees had the chance to network and interact with each other, as well as with Dr. Leena AV and Mr. Vinod K. Refreshments were served, allowing for informal discussions and the exchange of ideas among students, faculty, and the guest speaker.

The IEDC Orientation Programme conducted on 4th April 2023 was a resounding success, thanks to the dynamic leadership of Dr. Leena AV, the insightful presentation by Mr. Vinod K, and the unveiling of the new IEDC SNGCET logo. The event not only provided valuable insights into entrepreneurship but also fostered a sense of community and collaboration among students and faculty. It is hoped that this programme will inspire and empower students to embark on their entrepreneurial journeys and contribute to the growth and development of the entrepreneurial ecosystem at SNGCET.

Report Prepared by: Ms Veena KK, AP CSE



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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

COMPUTER SCIENCE AND ENGINEERING

Submitted by the SNGCET, Payyanur

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

1	Event type conducted	Orientation Programme
2	Event name	The Innovation and Entrepreneurship Development Centres (IEDC) Orientation Programme
3	Date and time of the event conducted	04-04-2023, 9.30 AM – 4.00 PM
4	Venue	Meeting hall
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	Yes Electronics and Communication Engineering Electrical and Electronics Engineering Mechanical Engineering Civil Engineering
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	Inside participants
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 create future founders by promoting Innovation, Technology and Business Learning among student community. - To promote innovation and entrepreneurial culture in educational institutions. - To develop institutional mechanisms to foster techno-entrepreneurship for generation of wealth and employment.

PAGE 1 OF 2

Dr. LEENA A. V.
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13	Expected Outcomes	- To begin an IEDC cell in our institution. - Students will be able to sell themselves and their ideas through IEDC. - Students master oral and visual presentation skills and establish a foundation of confidence in their skills.
15	Connected PO / PSO	PO5: Modern tool usage PO6: The engineer and society PO7: Environment and sustainability PO8: Ethics PO9: Individual and team work PO11: Project management and finance PO12: Life long learning
16	Justification for PO / PSO [may use separate sheet if necessary]	To attain basic knowledge about Entrepreneurship and how to establish as an entrepreneur.
17	Name of the resource person	Mr Vinod K
18	Designation of the resource person(s)	Lecturer in Electronics Department, EKNMGPTC, Trikaripur
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Ms Veena KK
21	Dated signature of the coordinator(s)	

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	NA - Participation list available
4	All registration forms duly filled and signed	—
5	Profile of the resource person(s)	Yes
6	Feedback forms filled by participants and resource person	—
7	Feedback analysis sheet	—
8	Study Materials (if any)	—
9	Letters or printouts of e-mail communication relevant to the event	Yes
10	Documents related to professional body associated with the event	—

PAGE 2 OF 2

Dr. LEENA A. V.
PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
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12	Photographs of the event	yes
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1	Comments about the conduct of the event	Good feedback from student
2	Comments about the resource person and impact of the event	Very supportive & helpful resource person
3	Name	Sunder V
4	Dated Signature	Sunder V 18/6/23

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

Sunder V
18/6/23

DR. LEENA A. V.
PRINCIPAL
GREEVAPURANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
KATK



SREE NARAYANA GURU COLLEGE OF ENGINEERING TECHNOLOGY

Promoted by Sree Bhakthi Samvardhini Yogam
(Affiliated to KTU, Recognised by AICTE)

PARTICIPANTS DETAILS FOR IEDC ORIENTATION PROGRAMME

DEPARTMENT OF CIVIL ENGINEERING		
Sl No:	NAME	BATCH
1	PRANAV A K	2019-23
2	ANJANA C	2019-23
3	VAISHNAVI N K	2020-24
4	ANUVINDA P	2020-24
5	ALAN ALEX	2020-24
6	NUHA NIZAR	2021-25
7	HARSHITH SAJITH	2021-25
8	DHANUSH GOPINATH	2021-25
9	NANDANA P NAIR	2022-26

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
Sl No:	NAME	BATCH
1	JITHIN SASIDHARAN N V	2019-23
2	ARJUN ASHOK K	2019-23
3	THYASREE T K	2020-24

Leena

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4	MEGHANA GANGADHARAN	2020-24
5	FATHIMA NASLA	2020-24
6	ARUN K	2021-25
7	JISHNU GIRISH	2021-25
8	MIDHUN KRISHNAN	2021-25
9	MALAVIKA P	2022-26
10	MUHAMMED FAHAD M P	2022-26

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING		
Sl No:	NAME	BATCH
1	DEVI KEERTHANA	2019-23
2	VISHAL	2019-23
3	ASWATHI	2020-24
4	HRIDUL	2020-24
5	ABHINAV	2020-24
6	ANURAJ	2021-25
7	HRISHIKESH	2021-25
8	SHINOY	2021-25
9	SREYAS	2022-26
10	SHAFNAS	2022-26

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING		
Sl No:	NAME	BATCH

Leena

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PRINCIPAL
JEE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, KANNUR

1	SREEHARI	2019-23
2	SANDESH	2019-23
3	SHAD	2020-24
4	SOURAG	2020-24
5	ASWIN JOHN	2020-24
6	SANJU	2021-25
7	SHIBIN	2021-25
8	SREERAG	2021-25
9	ANASWARA	2022-26
10	HARIKANTH	2022-26

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING		
Sl No:	NAME	BATCH
1	MEGHA P K	2019-23
2	SRAVAN R	2019-23
3	RIYA RAJESH	2020-24
4	ABINAV A V	2020-24
5	GOKUL A	2020-24
6	SARANG V	2021-25
7	FADI ASLAM P V	2021-25
8	VISHAL V V	2021-25
9	ABDULLA SAJAD	2022-26
10	ALBIN ANEESH	2022-26


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PRINCIPAL
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 ENGINEERING & TECHNOLOGY, PAYYANIL
 KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

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



Entrepreneurship and Innovation

Resource Persons



RAJI SUKUMAR A

*Associate Professor,
SNGCET*



THULASIBAI A

*Assistant Professor,
SNGCET*

Co-ordinator

Mrs Shruthi P

Assistant Professor, SNGCET

Lab coordinator

Mrs Anusha M

01/08/2023

start from 9 am - 4 pm

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: IEDC

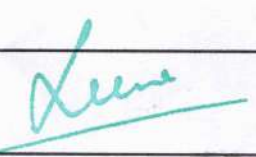
I. TO BE FILLED BY THE EVENT COORDINATOR(S)

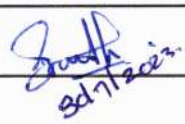
1	Event type	WORKSHOP
2	Event name	Entrepreneurship and Innovation
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	01/08/2023 9am to 4 pm
6	Venue	Meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	<i>Inside</i>
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	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
11	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
12	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
13	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped

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		market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
14	Name of the resource person(s)	Dr. Raji Sukumar A Ms.Thulasibai A
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Dr. Raji Sukumar A, Associate Professor, SNGCET Ms.Thulasibai A, Assistant Professor, SNGCET
16	Resource requirements	Paper, Pen
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	No


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PRINCIPAL
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ENGINEERING & TECHNOLOGY, PATTANUR
KANNUR

	the estimated budget)	
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Shruthi P
21	Dated signature of the coordinator(s)	

COMMENTS FROM PRINCIPAL

APPROVED

APPROVED / NOT

DATED SIGNATURE OF THE PRINCIPAL:

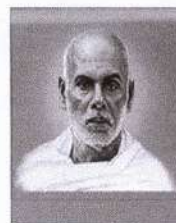


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 KANNUR



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

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



A Session on
ENTREPRENEURSHIP AND INNOVATION
IEDC

Agenda

Prayer

Welcome Address

Mrs Shruthi P, Assistant Professor, CSE

Presidential Address

Mr. Sunder V, HOD, CSE

Inaugural Address

Dr. Leena A. V, Principal, SNGCET

Vote of Thanks

Mrs Varsha M, Associate Professor, CSE

Session by the Resource persons

Dr. Raji Sukumar A, Associate Professor, SNGCET

Mr. Shyaman V P, Assistant Professor, SNGCET

Date: 01-08-2023

Time: 9.00 am

Venue: Meeting Hall


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KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Report: Entrepreneurship and Innovation

Bridge Course

On 01/08/2023 Time 9.00am to 4.00pm Venue Meeting Hall

Introduction:

In the ever-evolving landscape of entrepreneurship, the journey from a mere idea to a booming venture demands more than just creativity and determination. It demands a structured and strategic approach that turns the sparks of innovation into the flames of success. The notion of entrepreneurship is not solely about snatching an opportunity; it's about crafting opportunities, and mastery of a proven structure comes into play. The saying "If Opportunity Doesn't Knock, Build a Door" encapsulates the spirit of flexibility, adaptability, and creativity that drives entrepreneurs to create their own pathways to success.

Course Overview

- The goals of this programme to inspire students and help them absorb an entrepreneurial mind-set.
- The students will learn what entrepreneurship is and how it has impacted the world and their country.
- They will be introduced to key qualities of an entrepreneur, and be given an opportunity to assess their own strengths and identify gaps that need to be addressed to become a successful entrepreneur.

Module-I: Introduction to Entrepreneurship

Meaning and concept of entrepreneurship, possibilities.

Module-II: The Entrepreneur

Why to become entrepreneur, the skills/ traits required to be an entrepreneur, Creative and Design Thinking, the entrepreneurial decision process, lean canvas.

Understanding the Principle:

1. **Proactive Mindset:** Instead of passively waiting for the right moment, this principle encourages individuals to take the initiative. Entrepreneurship is about snatching opportunities, and that often involves identifying gaps in the market, untapped needs, or innovative solutions that can address challenges.

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2. **Creative Problem-Solving:** Building a door means finding unique solutions to problems. Entrepreneurs thrive when they can creatively address pain points or provide value in novel ways. This approach encourages thinking beyond convention and fostering a culture of innovation.
3. **Resilience and Determination:** Entrepreneurship is marked by challenges and setbacks. The principle of building a door emphasizes the importance of resilience and determination. Entrepreneurs need to overcome obstacles, learn from failures, and adapt their strategies to changing circumstances.
4. **Initiating Action:** Waiting for the "right time" can lead to missed opportunities. Instead, this principle encourages taking action now. Starting the entrepreneurial journey might involve launching a minimum viable product (MVP), testing an idea, or reaching out to potential partners or investors.

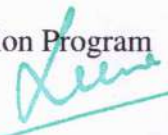
Application to Entrepreneurship:

1. **Idea Generation:** Instead of waiting for a revolutionary idea to come along, aspiring entrepreneurs can actively brainstorm and research to identify market gaps or areas where their expertise can make a difference.
2. **Market Research:** Building a door involves understanding the target market's needs deeply. Entrepreneurs can gather insights, conduct surveys, and analyze trends to develop a solution that resonates with potential customers.
3. **Innovation:** Entrepreneurs can leverage the principle by focusing on innovation. This could involve developing a new product, service, or business model that disrupts existing markets or creates new ones.
4. **Networking and Partnerships:** Entrepreneurs can build doors by forming connections with mentors, advisors, and potential collaborators. Networking can open up opportunities for learning, growth, and even funding.
5. **Resource Mobilization:** Rather than waiting for funding to magically appear, entrepreneurs can actively seek out funding sources, pitch to investors, or explore crowd funding platforms to kick-start their ventures.

By embracing this principle, individuals can take control of their entrepreneurial journey, create opportunities from challenges, and set themselves on a path toward success. Remember, entrepreneurship is not just about waiting for doors to open—it's about having the courage and self determination to build those doors.

Learning Outcomes

The expected Student Learning Outcomes for the Entrepreneurship and Innovation Program are:


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- Students will be able to sell themselves and their ideas. master oral and visual presentation skills and establish a foundation of confidence in the skills necessary to cause others to act.
- Students will be able to find problems worth solving. advance their skills in customer development, customer validation, competitive analysis, and iteration while utilizing design thinking and process tools to evaluate in real-world problems and projects.
- Students will be able to mobilize people and resources. identify and secure customers, stakeholders, and team members through networks, primary customer research, and competitive and industry analyses in order to prioritize and pursue an initial target market in real-world projects.
- Students will be able to create value. are able to create presentations and business plans that articulate and apply financial, operational, organizational, market, and sales knowledge to identify paths to value creation through 1) company formation (for profit); 2) social innovation (nonprofit); or 3) intellectual property licensing.
- Students will develop and cultivate endurance. increase their awareness and deliberately practice the skills and disciplines necessary to increase confidence and agency; foster self-efficacy and self-advocacy; improve communication and problem solving skills, manage strong impulses and feelings; and identify personal purpose.



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POST EVENT ANALYSIS FORM

Submitted by: IEDC

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

1	Event type conducted	Workshop
2	Event name	Entrepreneurship and Innovation
3	Date and time of the event conducted	01/08/2023 9am to 4 pm
4	Venue	1 - meeting 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	Inside
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	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
13	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas

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15	Connected PO / PSO	1 PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
16	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
17	Whether feedback forms from audience and resource person is collected?	


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18	Whether analysis of feedback is done? Use separate sheet to indicate the same	No
19	Attainment level of outcomes	M
20	Name of the resource person	Dr. Raji Sukumar A Ms.Thulasibai A
21	Designation of the resource person(s)	Dr. Raji Sukumar A, Associate Professor, SNGCET Ms.Thulasibai A, Assistant Professor, SNGCET
22	Any other relevant information	
23	Name of the event coordinator(s)	Mrs Shruthi P
24	Dated signature of the coordinator(s)	Assistant Professor, SNGCET <i>[Signature]</i> 3/8/23

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

[Signature]
Dr. LEENA A. V.
PRINCIPAL
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PARTICIPANTS LIST

Program Name: Entrepreneurship and Innovation Date: 01/08/2023

	Name	Signature
1	ABHINAV DHARMARAJ	
2	ABHINAV K	
3	ABHINAV K	
4	ABHISREE ASHOKAN	
5	ABIRAM SUNIL	
6	ADARSH CHANDRAN K V	
7	ADARSH KV	
8	ADHITHYA JITHESH	
9	ADWAITH S NIRANJ	
10	AKSHAY P K	
11	AMINA FIZA K V	
12	ANUDEEP K	
13	ANUPAM K V	
14	ARATHI T V	
15	ARJUN P P	
16	ARJUN K V	
17	ASWATHI A V	
18	ASWATHI K V	
19	ATHIRA K V	
20	ATHUL PAVITHRAN	
2		

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY,

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



IDEAZEST - IDEA PRESENTATION

Resource Persons



RAJI SUKUMAR A

*Associate Professor,
SNGCET*



SHYAMAN V P

*Assistant Professor,
SNGCET*

Co-ordinator

Mrs Varsha M

Assistant Professor, SNGCET

Lab coordinator

Ms Anamika Sureshbabu

22/08/2023

start from 9 am - 4 pm

Meeting hall

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EVENT PROPOSAL FORM

Submitted by: IEDC

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

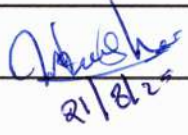
1	Event type	WORKSHOP
2	Event name	IDEAZEST- Idea Presentation
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	22/08/2023 Time 9.00am to 4 pm
6	Venue	Meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Inside
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	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
11	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
12	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
13	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and

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		understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
14	Name of the resource person(s)	Dr. Raji Sukumar A Mr. SHYAMAN V P
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Raji Sukumar A, Associate Professor, SNGCET Mr. SHYAMAN V P, Assistant Professor, SNGCET
16	Resource requirements	Paper, Pen


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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)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Ms. VARSHA M
21	Dated signature of the coordinator(s)	 21/8/25

COMMENTS FROM PRINCIPAL

APPROVED / NOT

APPROVED

DATED SIGNATURE OF THE PRINCIPAL:

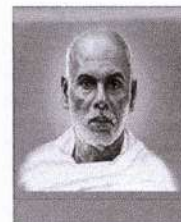


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**SREE NARAYANA GURU
COLLEGE OF ENGINEERING & TECHNOLOGY**

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



A Session on
IDEAZEST - IDEA PRESENTATION
Conducted by IEDC

Agenda

Prayer

Welcome Address

Mrs Shruthi P, Assistant Professor, CSE

Presidential Address

Mr. Sunder V, HOD, CSE

Inaugural Address

Dr. Leena A. V, Principal, SNGCET

Vote of Thanks

Mrs Varsha M, Associate Professor, CSE

Session by the Resource persons

Dr. Raji Sukumar A, Associate Professor, SNGCET

Mr. Shyaman V P, Associate Professor, SNGCET

Date: 22-08-2023

Time: 9.00 am

Venue: Meeting Hall

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Bridge Course

On 22/08/2023 Time 9.00am to 4 pm Venue Meeting Hall

Title: IDEAZEST- Idea Presentation

The IDEAZEST Idea Presentation, where creativity meets innovation, and ideas are transformed into compelling solutions! In this dynamic event, we showcase the ingenuity and entrepreneurial spirit of our participants as they unveil their innovative concepts aimed at addressing real-world challenges and seizing emerging opportunities. IDEAZEST serves as a platform for aspiring entrepreneurs, innovators, and visionaries to present their ideas, receive feedback, and gain valuable insights from a diverse audience of peers, mentors, and industry experts. With a focus on fostering collaboration, creativity, and problem-solving, IDEAZEST inspires and empowers participants to turn their dreams into reality, driving positive change and making a meaningful impact in the world. Join us as we embark on an exciting journey of exploration, discovery, and transformation at IDEAZEST Idea Presentation

Course Highlights:

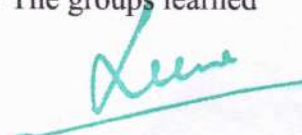
The course began with an introduction to the principles of entrepreneurship and innovation, emphasizing the significance of creative thinking and problem-solving. Over the course duration, participants were organized into five groups, each tasked with generating an innovative business idea.

Idea Generation and Development:

Students engaged in brainstorming sessions, tapping into their collective creativity to conceptualize unique and viable business ideas. Each group selected one idea to further develop, working on aspects such as market analysis, revenue model, target audience, and value proposition.

Business Model Preparation:

After selecting their innovative ideas, participants proceeded to develop comprehensive business models. This stage required a deeper understanding of the market landscape, potential competitors, and the specific problem their idea aimed to solve. The groups learned to fine-tune their ideas to align with market demands and feasibility.


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Pitch Presentation:

The culmination of the course was the pitch presentation session. Each group had the opportunity to present their innovative business idea in front of a judging panel comprised of faculty members and industry experts. These presentations showcased the students' ability to articulate their ideas persuasively, highlighting their business models' potential.

Judging and Results:

The judging panel evaluated the presentations based on criteria such as innovation, feasibility, market potential, and presentation skills. The judges' diverse expertise ensured a comprehensive evaluation process. After careful deliberation, the judges announced the ranks for each group, recognizing the most promising and innovative ideas.

Outcome and Learning:

The Bridge Course successfully achieved its objectives of fostering entrepreneurial thinking and promoting innovation among participants. Students not only gained insights into idea generation and business model development but also honed their presentation skills. The course provided a platform for participants to learn from each other's ideas and engage in constructive discussions.

Conclusion:

The Bridge Course on Entrepreneurship and Innovation, led by Dr. Raji Sukumar A, played a pivotal role in equipping participants with the knowledge, skills, and confidence to approach business challenges innovatively. The engaging sessions, idea competitions, and pitch presentations collectively contributed to a transformative learning experience, setting the foundation for a future generation of innovative entrepreneurs.

Acknowledgments:

We extend our gratitude to Dr. Raji Sukumar A, Mr. Shyaman P, for their guidance and commitment throughout the course evaluation. We also thank the judging panel and participants for their enthusiastic participation and dedication to the spirit of entrepreneurship and innovation.



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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



POST EVENT ANALYSIS FORM

Submitted by: IEDC

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

1	Event type conducted	Workshop
2	Event name	IDEAZEST- Idea Presentation
3	Date and time of the event conducted	22/08/2023 Time 9.00am to 4 pm
4	Venue	Inauguration and Valedictory function - meeting 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	First Semester <u>BTECH</u> Students
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

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12	Objectives of the event	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
13	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
15	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
16	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and

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		relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
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	No
19	Attainment level of outcomes	M
20	Name of the resource person	Dr. Raji Sukumar A Thulasibai A
21	Designation of the resource person(s)	Dr. Raji Sukumar A, Associate Professor, SNGCET Thulasibai A, Assistant Professor, SNGCET
22	Any other relevant information	
23	Name of the event coordinator(s)	Mrs Shruthi P
24	Dated signature of the coordinator(s)	Assistant Professor, SNGCET <i>[Signature]</i> 23/01/23

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

[Signature]

Dr. LEE P. A. V.
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OF ENGINEERING & TECHNOLOGY**

PARTICIPANTS LIST

Program Name: IDEAZEST - IDEA PRESENTATION Date:22/08/2023

	Name	Signature
1	AARDRA PRASANTH	
2	AATHISH R	
3	ABHIJITH A	
4	ABHINAV A V	
5	ABHIRAM A V	
6	ABHIRAM T	
7	ABHISHEK K	
8	AKASH SUNILKUMAR	
9	AMAL M	
10	AMAL M V	
11	ANAGHA ANILKUMAR	
12	ANAGHA P P	
13	ANANDASREE KRISHNAN	
14	ANIRUDH SHAJI	
15	ANJALI M	
16	ANURAG MT	
17	ARJUN M	
18	ASWATHI PI	
19	DILNA P	
20	FATHIMATHUL FAMEENABI PV	
21	GOKUL A	

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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, New Delhi

A Session on MSME Development and (in) Campus Industrial Parks

Conducted by Computer Science and Engineering
Department in association
with IEDC Cell



Mr. AS Shiras
Joint Director of Industries and Commerce -
General Manager, DIC, Kannur

Venue: Meeting Hall

Date: 10/10/2023

Time: 9.30 AM

Co-ordinator

Mrs. Aswathi C,
AP, CSE

Convenor

Mr. Sunder V,
HOD, CSE


Dr. LEENA A V
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www.sngcet.ac.in



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COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

Submitted by: IEDC

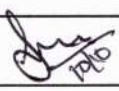
I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type	WORKSHOP
2	Event name	MSME Development and(in)Campus Industrial parks
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	10/10/2023 9:30 am to 4:00 pm
6	Venue	Meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Inside participants
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	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
11	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
12	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
13	Justification for PO / PSO [may use separate sheet if necessary]	PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped opportunities and develop creative solutions to address

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14	Name of the resource person(s)	Mr. A S Shiras
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Joint Director of industries and Commerce-General Manager DIC Kannur
16	Resource requirements	Projector, Mike
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)	No


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 PAYYANUR, KANNUR

19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Ms. Aswathi C
21	Dated signature of the coordinator(s)	

COMMENTS FROM PRINCIPAL

APPROVED

APPROVED / NOT

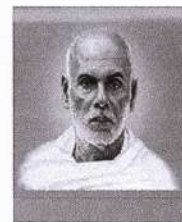
DATED SIGNATURE OF THE PRINCIPAL:


Dr. LEENA 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



A Session on
MSME Development and (in) Campus Industrial Parks
*Conducted by Computer Science and Engineering Department in association
with IEDC*

Agenda

Prayer

Welcome Address

Mr. Sunder V, HOD, CSE

Presidential Address

Dr. Leena A. V, Principal, SNGCET

Introducing the Chief Guest

Mrs Aswathi C, Associate Professor, CSE

Inaugural Address

Mr. A S Shiras, Joint Director of industries and Commerce
General Manager DIC Kannur

Vote of Thanks

Dr. Raji Sukumar A, Associate Professor, SNGCET, Nodal Officer IEDC

Session by the Resource person

Mr. A S Shiras, General Manager DIC Kannur

Date: 10-10-2023

Time: 9.00 am

Venue: Meeting Hall

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY, PAYYANUR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Report of the Session on MSME Development and (in) Campus Industrial Parks

Date: 10th October 2023

Venue: Meeting hall, SNGCET

On October 10, 2023, the Department of Computer Science and Engineering (CSE) at Sree Narayana Guru College of Engineering and Technology (SNGCET) organized a session on "MSME Development and In-Campus Industrial Parks." This informative event, held in association with the Innovation and Entrepreneurship Development Center (IEDC) of SNGCET, aimed to provide students with valuable insights into the world of Micro, Small, and Medium Enterprises (MSMEs) and the significance of in-campus industrial parks. The event was graced by the presence of Dr. Leena A. V, the Principal of SNGCET, and featured Mr. Shiras A. S, the Joint Director of Industries and Commerce, and General Manager of the District Industries Centre (DIC) Kannur, as the resource person.

The session commenced with a warm welcome address by Mr. Sunder V, the Head of the Department of Computer Science and Engineering. Mr. Sunder expressed his excitement about the importance of the topic and how it aligns with the college's commitment to fostering innovation and entrepreneurship among its students. Aswathi C, an Assistant Professor in the CSE department, introduced the chief guest, Mr. Shiras A. S. She highlighted his extensive experience in the field of Industries and Commerce, emphasizing his role in promoting entrepreneurship and industrial development in the Kannur district.

Mr. Shiras A. S took the stage to deliver the keynote address. With his profound knowledge and expertise, he shared valuable insights into the importance of MSME development in the current economic landscape. Mr. Shiras also emphasized the role of in-campus industrial parks as a catalyst for fostering entrepreneurship and innovation among students. In a token of appreciation, Dr. Leena A. V, the Principal of SNGCET, presented a memento to Mr. Shiras A. S. This gesture symbolized the college's gratitude for his informative and inspiring session. Raji Sukumar, a student representative, delivered the vote of thanks. She expressed gratitude to Dr. Leena A. V, Mr. Shiras A. S, the organizing committee, and all participants for their active involvement and enthusiasm. The session was highly informative and inspiring, leaving the attendees with a greater understanding of the MSME sector and the potential of in-campus industrial parks. It provided students with a platform to explore and pursue entrepreneurial opportunities. This event undoubtedly contributed to the academic and entrepreneurial growth of the students at SNGCET.

Dr. LEENA A V
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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S3 CSE Students List (2022-2026 BATCH)

SL. NO.	REG. NO	NAME OF THE STUDENT	SIGNATURE
1	SNC22CS001	AARYA M S	
2	SNC22CS002	ABDULLA SAJAD	
3	SNC22CS005	ABHINAV.P.P	
4	SNC22CS006	ABHIRAG P	
5	SNC22CS007	ABHISHEK M O	
6	SNC22CS008	ADWAITH P.C	
7	SNC22CS009	AFTAB MOHAMED THAYYIL	
8	SNC22CS010	AGRAJ M	
9	SNC22CS011	AJMAL A K	
10	SNC22CS013	AKHIL SANTHOSH	
11	SNC22CS012	AKHILA V K	
12	SNC22CS014	ALBIN ANEESH	
13	SNC22CS015	AMARNATH BALAN C	
14	SNC22CS016	ANJITHA V K	
15	SNC22CS017	ANUNANDA V K	
16	SNC22CS018	ANURAG C P	
17	SNC22CS019	ANUSREE RATHEESH	
18	SNC22CS020	ANUSRUTHI K MANOJ	
19	SNC22CS021	ARCHANA P V	
20	SNC22CS022	ARJUN SIDHARTHAN	
21	SNC22CS023	ARYAN SREEJESH	
22	SNC22CS024	ASWIN RAJ	
23	SNC22CS025	AVANI C	
24	SNC22CS026	DEVIKA S	
25	SNC22CS027	FATHIMA HASHIM	
26	SNC22CS028	FATHIMATHUL AMANA SULAIMAN	
27	SNC22CS029	FATHIMATUL SHARAFA	
28	SNC22CS030	GOKUL M V	
29	SNC22CS031	GOPIKA.V	
30	SNC22CS032	HANNA R P	
31	SNC22CS033	HARIKRISHNAN K	
32	SNC22CS034	JISHNU M R	
33	SNC22CS035	K MADHUSHA	
34	SNC22CS036	MAHIMA P	

Dr. LEENA A V
PRINCIPAL

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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
NAME LIST OF S3 EEE

Sl. No.	REG. NO.	NAME
1	SNC22EE001	ADITHYA K
2	SNC22EE002	AKSHAY K V
3	SNC22EE004	ANUVIND N K
4	SNC22EE005	DIYA K C
5	SNC22EE006	GAZAL V
6	SNC22EE007	MEGHITH SUKUMARAN
7	SNC22EE008	MUHAMMED SHAFNAS K
8	SNC22EE009	PRANAV M P
9	SNC22EE012	SOUVIND PADENI
10		VISMAYA P.P.

Signature

Adith

Tanmay

Anuvind

Diya

Gazal

Meghith

Muhammed

Pranav

Souvind

Vismaya

Leena

Dr. LEENA A V
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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNO
DEPARTMENT OF MECHANICAL ENGINEERING

Roll No	Name	Register No
1	ABHISHEK C	SNC22ME001
2	AMAL M V	LSNC22ME012
3	AMAL K P	SNC22ME003
4	AMALDEV V V	SNC22ME002
5	AMRUTH JANARDANAN	LSNC22ME013
6	ANASWARA S	SNC22ME004
7	ASWANTH .C.K	LSNC22ME014
8	ASWIN M V	SNC22ME005
9	ATHIRTH ANISH	SNC22ME006
10	HARIKANTH K P	SNC22ME007
11	JISHNU PRAKASH A	LSNC22ME015
12	MUHAMMED NAHID A	SNC22ME008
13	MUHAMMED SAFWAN	SNC22ME009
14	MUHAMMED ZAYAN P	MES22ME030
15	SANJAY SREEDHARAN	SNC22ME010
16	SARANG S HARI	SNC22ME011

Signature

(Handwritten signatures in blue ink corresponding to the roll numbers 1 through 16)

(Handwritten signature in green ink)

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

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

2022-2026 Batch

S3 Student List

SL. No.	Register Number	Name
1	SNC22EC001	ABDUL KADER ANEES K V V
2	SNC22EC002	AKARSH KRISHNA
3	SNC22EC003	AKASH T
4	SNC22EC004	AMAN V KUMAR
5	SNC22EC005	DHYAN SUMESH K
6	SNC22EC006	FATHIMATHU RASHA P P
7	SNC22EC007	MALAVIKA P
8	SNC22EC008	MOHAMED ASEEL
9	SNC22EC009	MUHAMMED FAHAD M P
10	SNC22EC010	MUHAMMED NAHEEL CK
11	SNC22EC011	MUHAMMED SHIBIL T
12	SNC22EC013	NASHA NOURIN
13	SNC22EC014	NEHA K P
14	SNC22EC015	PARTHIV SREESHAN P K
15	SNC22EC016	SABIN M
16	SNC22EC017	SHAGNEYA K
17	SNC22EC018	SHAHZAD ABDUL RAHMAN
18	SNC22EC019	SREYA M
19		AKSHAY KUMAR P
20		ASWANATH K

Signature

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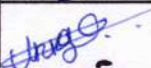
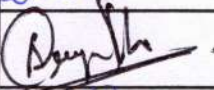
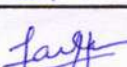
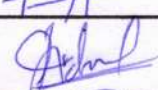
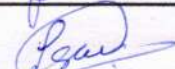
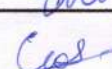
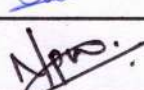
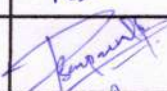
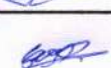
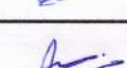
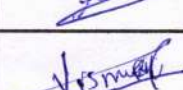
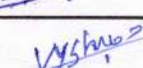
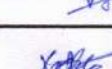
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Dr. LEENA A V
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SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

Sree Narayana Guru College of Engineering & Technology, Payyanur

Branch : CIVIL ENGINEERING

Semester : S3 (2022 - 23 Admission)

Sl. No	Name	Signature
1	ANAGH P L/E	
2	ANJALI P V L/E	
3	ANJANA MANIPRAKASH L/E	
4	ANURAG K L/E	
5	ARYA A L/E	
6	DILSHA P	
7	FAIHA ROUF	
8	FATHIMATHUL FIDA P K	
9	JISHIL K L/E	
10	MRUDHUL KRISHNA N L/E	
11	MUHAMMED SHAMMAS K	
12	MUSHRABI M	
13	NANDANA P NAIR	
14	NANDHANA V V	
15	P SOUPARNIKA	
16	RANA MUSTHAFA N P	
17	SRAVAN P HEGDE L/E	
18	SWEJA P V	
19	VISMAYA VINOD K	
20	VYSHNAV.P.K L/E	
21	YADHU KRISHNA.K L/E	

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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY PAYYANNUR

POST EVENT ANALYSIS FORM

Submitted by: IEDC

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

1	Event type conducted	Workshop
2	Event name	Entrepreneurship and Innovation
3	Date and time of the event conducted	10/10/2023 9:30am to 4:00 pm
4	Venue	Meeting 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	Inside Participants
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	Foster Entrepreneurial Mindset Develop Business Ideation Skills Enhance Problem-Solving Abilities
13	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas


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15	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
16	Justification for PO / PSO [may use separate sheet if necessary]	PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
17	Whether feedback forms from audience and resource person is collected?	No
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	No

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PAYYANUR, KANNUR

19	Attainment level of outcomes	M
20	Name of the resource person	Mr. A S Shiras
21	Designation of the resource person(s)	Joint Director of industries and Commerce-General Manager DIC Kannur
22	Any other relevant information	No
23	Name of the event coordinator(s)	Ms. Aswathi C
24	Dated signature of the coordinator(s)	Assistant Professor, SNGCET

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:


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



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

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

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

INSTITUTION CODE

SNC



Meeting hall



13/11/2023



9:30am

Website : www.sngcet.ac.in

Email : inovation@sngcet.ac.in



**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


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

Venue: Meeting Hall



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

PRE EVENT ANALYSIS FORM

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

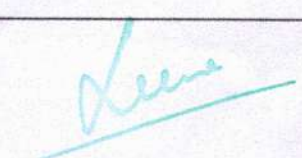
1	Event type	IEDC
2	Event name	IEDC -Institute Innovation Council SNGCET 2023-2024.
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	16-11-2023, Wednesday 09:00am – 10:00am
6	Venue	Inauguration and Valedictory function - meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Students and faculty
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	Creative Expression: Foster creativity and idea expression through innovation, entrepreneurship Technical Proficiency: Enhance technical proficiency in leadership by encouraging selected teams to create PPT presentations, videos, and photography related to the entrepreneurship skill, aligning with their B. Tech curriculum. Teamwork and Collaboration: Promote teamwork and collaboration through group activities like collages, group presentations, and video content creation, helping students

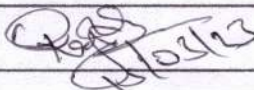

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 PAYYANUR, KANNUR

PAGE 1 OF 2

		develop essential interpersonal skills.
11	Expected Outcomes	CO: IEDC -IIC-SNGCET 2023-2024. helps students to nurture various 21st Century skills such as creativity and innovation, IP creation, Entrepreneurial Mindset, critical thinking and Problem -solving skills etc.
12	Connected PO / PSO	PO1:Engineering Knowledge PO2:Problem Analysis PO9:Individual and team work PO10:Communication PO12:Life long learning
13	Justification for PO / PSO [may use separate sheet if necessary]	NO
14	Name of the resource person(s)	IIC of IEDC SNGCET
15	Designation of the resource person (may attach separate sheet to indicate the profile)	IIC Roles
16	Resource requirements	• . 1. Transportation and Accommodation: • If required, arrangements for the resource person's transportation and accommodation. 2. Registration and Feedback System: • Registration desk and materials for participants. • Feedback forms and data collection tools for evaluation. 3. Budget Allocation: • Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. 4. Cleaning and Maintenance: • Cleaning services for the venue before and after the event. • Maintenance services for technical equipment. 5. COVID-19 and Nipah Precautions: • Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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)	No

PAGE 2 OF 2


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 PAYANUR, KANNUR

19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Dr. Raji Sukumar A
21	Dated signature of the coordinator(s)	

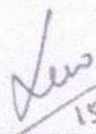
II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

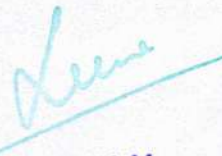
1	Comments on the relevance of the event	
2	Recommendation [Put a tick ☐ on whichever is applicable]	Recommended Not Recommended
3	Name	
4	Dated Signature	

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


15/11/23


Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYANUR, KANNUR

PAGE 3 OF 2



**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)

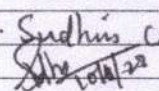
1	Event type	Workshop
2	Event name	Workshop on Design Thinking
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	13-11-2023
6	Venue	Meeting Hall
7	Whether any professional body is associated 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	
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

PAGE 1 OF 2

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

	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 SSC members
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:



PAGE 2 OF 2

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING TECHNOLOGY, KANNUR

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.

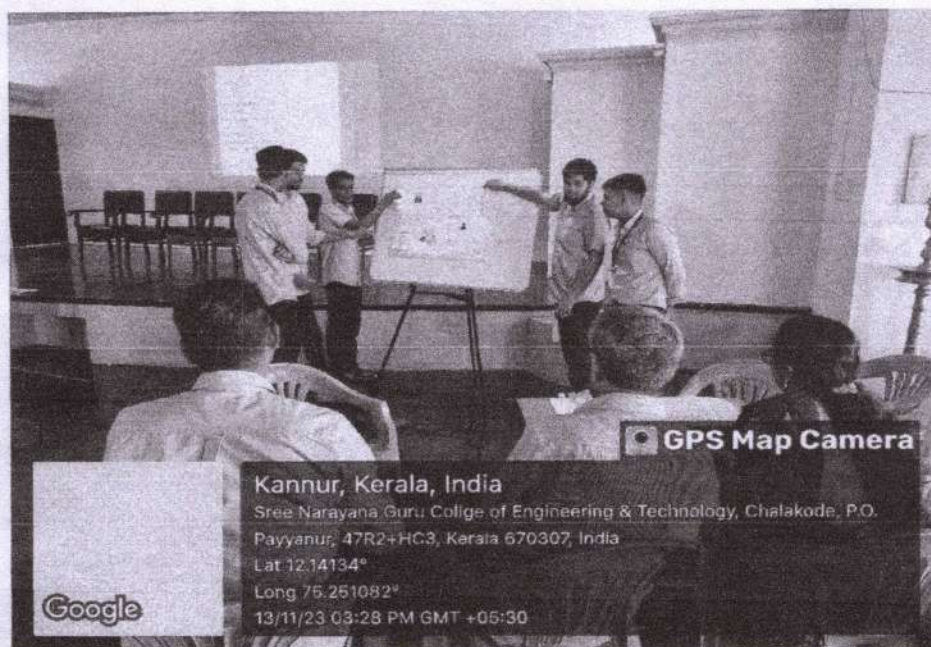


Leena
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PAYANUR, KANNUR



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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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.

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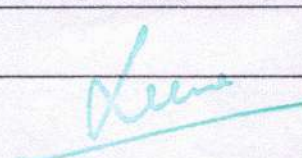
**SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY**

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	


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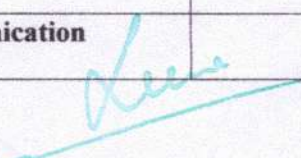
PAGE 1 OF 2

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	

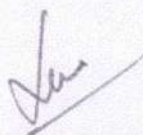

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 PAYYANUR, KANNUR

PAGE 2 OF 2

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	<i>Sudhin</i>

COMMENTS FROM PRINCIPAL


DATED SIGNATURE OF THE PRINCIPAL:


Dr. LEENA A V
PRINCIPAL
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PAGE 3 OF 2

Workshop On Design Thinking



Students have explored empathy in understanding user needs, ideation techniques, and prototyping. The class emphasized creativity, collaboration, and a human-centered perspective to tackle complex problems.

THANK YOU

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KANNUR



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	Uthara 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	Hrithikesh 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	Athirith 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

Dr. LEENA A V
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TechGenesis1.0 2023

Sree Narayana Guru
College of Engineering
and Technology Payyanur
Korom, Chalakode P.O
Kannur 670307

Organized by

INNOVATION AND ENTREPRENEURSHIP
DEVELOPMENT CENTRE



Dr. Leena A V
Principal

Venue : Meeting Hall

**16th
November**

9:30 AM

Institution Code : SNC

PINNACLE PERSPECTIVES-ELEVATING ENTREPRENEURIAL INSIGHTS

SESSION # 1

Welcome Address

Mr. ANUDEEP K,
MSME Co-ordinator

Presidential Address

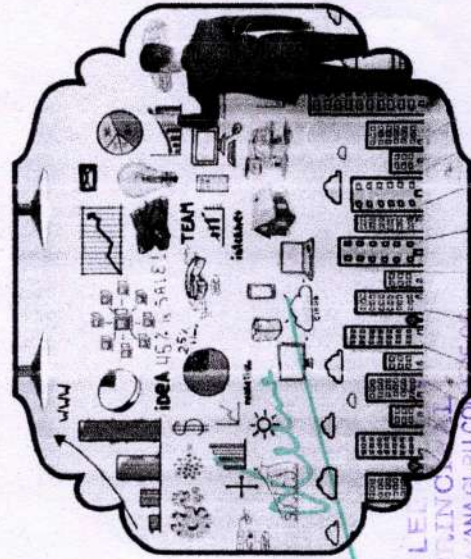
Dr. RAJI SUKUMAR A,
Asso. Professor CSE,
Nodal Officer, IEDC, SNGCET

Inaugural Address

Dr. LEENA A V,
Principal, SNGCET

Felicitation Address

Dr. SUDHIN CHANDRAN
HOD ME,
Nodal Officer, IEDC, SNGCET



Dr. LEENA A V
Principal,
Sree Narayana Guru College of Engineering & Technology, Payyanur
Kannur

SESSION # 2

TECHNICAL SESSION

Introduce Institute Innovation Council

Mr. SREYAS KRISHNAN
CEO IEDC

Introduce SALT and LEAP

Mr. ABIRAM SUNIL
CMO IEDC

**Entrepreneurship Development
Boards in India**

Ms. ASWATHI A V

Vote of Thanks

Ms. UTHARA M V

SESSION # 3

Panel Discussion

**A collaborative and multidisciplinary
approach R&D projects**

Mr. JACOB THOMAS,
Head of Project and Consultancy





TECHGENESIS1.0 2023 ("PINNACLE PERSPECTIVES-ELEVATING ENTREPRENEURIAL INSIGHTS")

INTRODUCTION

Innovation and Entrepreneurship Development Centre (IEDC) is a flagship initiative of Kerala Startup Mission to promote innovation and entrepreneurship among the student and academic fraternity in the educational institutions in the State of Kerala and considered as an umbrella programme that plays an instrumental role in fostering innovation culture in Academic institutions.

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KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

Submitted by: IEDC

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

1	Event type	WORKSHOP
2	Event name	Techgenesis 1.0 2023
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	16/11/2023 10am
6	Venue	Meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	IEDC Members
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	IEDC Executive Committee is formed annually, comprising institution representatives
11	Expected Outcomes	CO1 Explore IEDC, CO2 Roles and responsibilities of ExeCom
12	Connected PO / PSO	1. PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
13	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the

Dr. LEENA A. V.
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KANNUR

		likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
14	Name of the resource person(s)	Dr. Leena A V
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Dr. Leena A V, Principal, SNGCET, Payyanur
16	Resource requirements	Paper, Pen
17	Any fund from external source will be received? If yes, mention it.	No
18	Whether the budget for the event is attached? (use separate sheet to indicate the estimated budget)	No
19	Any other relevant information	Nil

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ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

20	Name of the event coordinator(s)	Dr. Raji Sukumar A
21	Dated signature of the coordinator(s)	

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:



Dr. LEENA 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



**A Report On TechGenesis1.0 2023
VENUE: MEETING HALL , SNGCET**

DATE : 16/11/2023

IEDC Panel TechGenesis1.0 Inauguration

The Inauguration Function of TechGenesis1.0 2023 was held on 16th November 2023. The event commenced with a formal inauguration ceremony. Dr. Leena Av (principal), with her insightful words, officially inaugurated the IEDC event, emphasizing the importance of innovation in today's dynamic world.

Following the inauguration, the Technical Session unfolded, providing a platform for students to know more about IEDC . Presentations were conducted by the members of IEDC .

The event culminated with a panel discussion by Mr. Jacob Thomas(head of project and consultancy SNGCET). Attendees gained valuable knowledge and perspectives that are instrumental in nurturing an entrepreneurial mindset.





SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

Submitted by: IEDC

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

1	Event type conducted	Workshop
2	Event name	Techgenesis 1.0 2023
3	Date and time of the event conducted	16/11/2023 10am
4	Venue	Inauguration and Valedictory function - meeting 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	IEDC Members
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	IEDC Executive Committee is formed annually, comprising institution representatives
13	Expected Outcomes	CO1 Entrepreneurial Mindset CO2 Generate and Evaluate Business Ideas

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PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
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KANNUR

15	Connected PO / PSO	1 PROBLEM ANALYSIS 2. DESIGN MODEL 3. SOLUTION DEVELOPMENT
16	Justification for PO / PSO [may use separate sheet if necessary]	Enhancing problem analysis skills among participants in "The PROBLEM ANALYSIS : Bridge Course on Entrepreneurship and Innovation" is crucial as it forms the foundation for innovation and entrepreneurial success. By honing their ability to dissect and understand complex problems, participants can identify untapped market opportunities and develop creative solutions to address them. This skill enables entrepreneurs to anticipate and mitigate potential risks associated with their ventures, increasing the likelihood of success. Furthermore, effective problem analysis allows for the validation and refinement of business ideas, ensuring their alignment with market needs and preferences. Lastly, fostering a culture of continuous problem analysis promotes adaptability and iteration, empowering entrepreneurs to evolve their ventures in response to changing market dynamics and customer feedback. DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. This skill enables entrepreneurs to effectively communicate their ideas to stakeholders, investors, and potential customers, facilitating buy-in and support for their ventures. Additionally, mastery of design modeling enhances the feasibility assessment of product ideas, allowing entrepreneurs to identify and address potential challenges early in the development process. Ultimately, a strong foundation in design modeling empowers entrepreneurs to create compelling, market-ready products that meet the evolving needs of their target audience. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs. This skill facilitates the creation of scalable and sustainable solutions, enhancing the potential for long-term business success. Furthermore, mastery of solution development methodologies allows entrepreneurs to iterate on their offerings based on feedback and market validation, ensuring continuous improvement and relevance. Ultimately, a robust capability in solution development empowers entrepreneurs to bring value to customers, differentiate themselves in the marketplace, and drive growth for their ventures.
17	Whether feedback forms from audience and resource person is collected?	

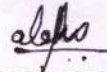
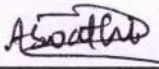
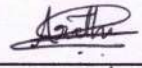
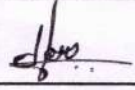
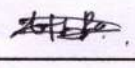
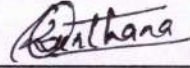
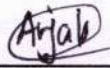
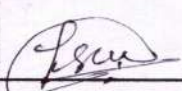
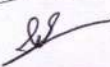
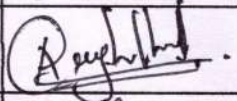
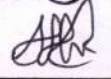
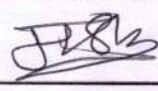
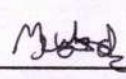

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PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY, PATTANUR
 KANNUR

18	Whether analysis of feedback is done? Use separate sheet to indicate the same	No
19	Attainment level of outcomes	M
20	Name of the resource person	Dr. Leena A V
21	Designation of the resource person(s)	Dr. Leena A V, Principal, SNGCET, Payyanur
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Dr. Raji Sukumar A
24	Dated signature of the coordinator(s)	Assistant Professor, SNGCET 

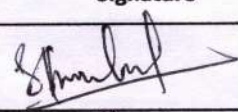
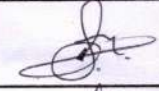
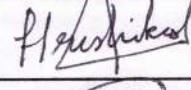
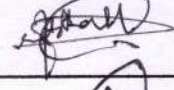
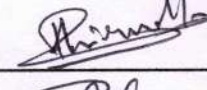
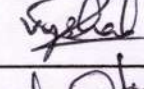
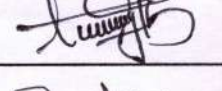
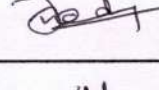
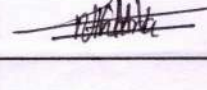
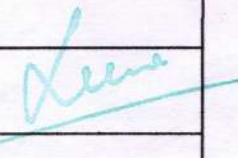
COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

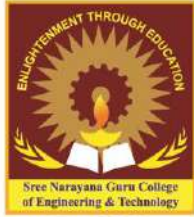

Dr. LEENA A. V.
PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY, PAYYANUR
 KANNUR

Sl. No.	Name	Class	Signature
1	Abhisree Ashokan	S5, CSE	
2	Aswathi KV	S5, CSE	
3	Arathi TV	S5, CSE	
4	Jerlitt Vishal	S5, CSE	
5	Athina KV	S5, CSE	
6	Keerthana K	S5, CSE	
7	Anurag K	S3 CE	
8	Akash T	S3 RCR	
9	Sweja PV	S3, CE	
10	Anjali P-V	S3, CE	
11	Dilsha P	S3, CE	
12	SKANAN P	S3, CE	
13	Jishu K	S3, CE	
14	Mrudhul Krishna N	S3 CE	
15	Nandana P Naie	S3 CE	
16	Aaya A	S3 CE	
17	Athul Pavithran	S5 CSE	
18	Anupam K-V	S5 CSE	
19	Jishnu K R	S5 CSE	
20	Mubammad Mubammad Thajudheen	S5 CSE	

TechGenesis 1.0 Programme on 16-11-2023

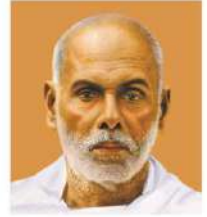
Sl. No.	Name	Class	Signature
1	Sreyas Krishnan	S5 CSE	
2	Saifang V	S5 CSE	
3	Adarsh.kv	S5 CSE	
4	Harshikesh. P. V	S5 EEE	
5	Patika Mittur	S3 CSE	
6	Abiram Sunil	S5 CSE	
7	Anisamol Shaji	S7 CSE	
8	Vybhak Umesh	S5 CSE	
9	ANUDEEP K	S3 CSE	
10	Nandana . M	S5 CSE	
11	Uthara.M.V	S5 CSE	
12			
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Dr. LEENA A V
PRINCIPALSREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR



Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



IIC



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

SNGCET/CIR/72/2023

26-09-2023

OFFICE ORDER

An Innovation, Entrepreneurship and R&D Centre is constituted within our institution to coordinate various activities pertaining to Innovation, Entrepreneurship and research. The Innovation Cell, the formidable wing responsible for coordinating all innovative and entrepreneurial activities at SNGCET, is at the cusp of a significant transformation.

Four crucial initiatives:

1. The Innovation and Entrepreneurship Development Centre (IEDC) under Kerala Startup Mission.
2. HI/BI under MSME.
3. Institutions Innovation Council (IIC) under the Ministry of Human Resource Development (MHRD), Government of India.
4. R&D Centre for submitting Research Projects under various national and international agencies.

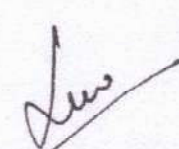
These endeavors symbolize our commitment to not just follow the trends of innovation but to set them. As we stand on the threshold of what promises to be an era of unparalleled growth in innovation and entrepreneurship. Our Innovation, Entrepreneurship and R&D Centre has the unique opportunity to serve as a catalyst for change, a hub of creativity, and a beacon of inspiration for all members of our academic community.

The members of the core committee are as follows:

- | | |
|---|--------------|
| • Dr. Leena A V, Principal | Chairperson |
| • Dr. Raji Sukumar A, Associate Professor CSE | Co-ordinator |
| • Dr. Susan Abraham, Dean UG & PG | Member |
| • Dr. Sudhin Chandran, Associate Professor ME | Member |
| • Mr. Shyaman V P, Assistant Professor S & H | Member |

To

**Members of the committee.
Dean/ HODs/ File
President/Secretary for kind information.**


PRINCIPAL




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

CIRCULAR

Date: 09-09-2023

IIC coordinators meeting for all the members will be held on 12-09-2023 at 03.00 pm in the SIC LAB(CS DEPARTMENT) to discuss about formation of council members and about the conduction of programme to celebrate CHANDRAYAAN CHRONICLES-CHANDRAYAAN-3 MOON MISSION. All the committee members are requested to attend the meeting without fail.

IIC PRESIDENT

S.No	Name	Signature
1	Dr Raji Sukumar A	
2	Ms Veena K K	
3	Ms Soshya V C	
4	Mr Dominic Thomas	
5	Ms. Aswathi Ravindran	
6	Ms. Rishna	
7	Mr. Shyaman V P	

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

MINUTES OF IIC CO-ORDINATORS MEETING-1

Date: 12-09-23

Time: 2:00 PM

Venue: SIC Lab (CSE Dept.)

Members Present:

1. Dr. Raji Sukumar A, CSE
2. Ms. Veena K.K, CSE
3. Ms. Soshya V.C, AP ECG
4. Mr. Dominic Thomas, AP, ME
5. Mr. Shyaman V.P, AP, S and H
6. Ms. Aswathi Ravindran, AP, EEE
7. Ms. Rishna; AP, CE

- Agenda:
1. Celebration of Chandrayan chronicles
 2. To rollout the Session Co-ordinators.
 3. Decision of Resource Person.
 4. To Decide IIC Council members

[Signature]

Dr. Raji Sukumar A

IE

[Signature]

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

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

Minutes:

The meeting started at 2 PM and the discussions are as follows:

1. Decided to conduct an activity on celebrating Chandrayan chronicles - Chandrayan 3 Moon mission programme 2023.
2. Mr. Shyamam P is decided to be the Co-ordinator.
3. Decided that Dr. Raji Sukumar A, Ms. Bindhya N C will be the resource person.
4. Decided to conduct the programme on 13-09-23 and 14-09-23.
5. Selected the IQC council President, Vice President, Convenor, Social media, Start up activity co-ordinator, Internship activity co-ordinator, IQRA activity co-ordinator, NIPFP co-ordinator, Innovation activity, NATA co-ordinator & members.


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

CIRCULAR

Date: 13-09-2023

IIC coordinators meeting for all the members will be held on 18-09-2023 at 03.00 pm in the SIC LAB(CS DEPARTMENT) to discuss about the sending a congratulatory letter to ISRO. All the committee members are requested to attend the meeting without fail.

IIC PRESIDENT

S.No	Name	Signature
1	Dr Raji Sukumar A	
2	Ms Veena K K	
3	Ms Soshya V C	
4	Mr Dominic Thomas	
5	Ms. Aswathi Ravindran	
6	Ms. Rishna	
7	Mr. Shyaman V P	

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

MINUTES OF JIL CO-ORDINATORS MEETING-2

Date: 18-09-23

Time: 3:00 PM

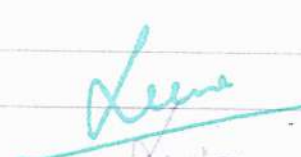
Venue: SIC Lab (CSE Dept.)

Members Present:

1. Dr. Raji Sukuman. A, CSE
2. Ms. Veena. K.K., CSE
3. Ms. Soshya. V.C., AP ECE
4. Mr. Dominic Thomas, AP, ME
5. Mr. Shyaman V.P., A.P Sand H
6. Ms. Aswathi. Ravindran, AP, EEE
7. Ms. Krishna Raman, AP, CE.

- Agenda:
1. Congratulatory letter to ISRO.
 2. Guest Speaker arrangement.
 3. To roleout the session Co-ordinators.

 JEC President.


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

Minutes:

The meeting started at 3.00 PM and the discussions are as follows.

1. Decided to Submit a Congratulatory letter to the Indian Space Research Organisation.
2. Finalised the guest Speaker as Dr. Punaloor Prabhakaran
3. Congratulatory letter to the ISRO on the Success of Chandrayan-III Mission will be the name for the programme.
4. Expected to Conduct on 20-09-23
5. Decided Mr. Shyaman.P as the Co-ordinator.

Leena

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



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

CIRCULAR

Date: 16- 09-2023

IIC coordinators meeting for all the members will be held on 19-09-2023 at 02.00 pm in the SIC LAB(CS DEPARTMENT) to discuss about formation of council members and about the conduction of programme to explain complete vision & chandrayaan-3 mission. All the committee members are requested to attend the meeting without fail.

IIC PRESIDENT

S.No	Name	Signature
1	Dr Raji Sukumar A	
2	Ms Veena K K	
3	Ms Soshya V C	
4	Mr Dominic Thomas	
5	Ms. Aswathi Ravindran	
6	Ms. Rishna	
7	Mr. Shyaman V P	

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

MINUTES OF IIC CO-ORDINATORS MEETING-3

Date: 19-09-2023

Time : 2:00 PM

Venue: SIC Lab (CSE Dept.)

Members Present:

1. Dr. Raji Sukumar A, CSE
2. Ms. Veena K.K, CSE
3. Ms. Basha V C, NP ECE
4. Mr. Dominic Thomas, AP NE
5. Mr. Shyaman V.P, AP S and H
6. Ms. Aswatho. Raandran, AP EEG
7. Ms. Pushna Raman, AP CE

- Agenda:
1. Chandrayan-3 Spectacles
 2. Guest Speaker arrangement.
 3. To rollout the Session Co-ordinators.



IIC President.



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

Minutes:

The meeting started at 2:00 PM and the discussions are as follows:

- 1: Finalised the guest speaker as Dr. V K Janardhanan
2. Decided to conduct a programme to explain the complete vision of Chandrayaan-3 Mission.
3. MOONBOUND MAGIC: Chandrayaan-3 Spectacles will be the name for the programme.
4. Mr. Ghyaman, P is decided to be the Co-ordinator of the programme.
5. Expected to conduct on 21-09-2023.

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



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

ORGANIZING COMMITTEE

CHIEF PATRON

Sri.K P BALAKRISHNAN

[Hon'ble President,SBSY]

PATRONS

Sri.K P PAVITHRAN

[Hon'ble Secretary,SBSY]

Sri.T.K.RAJENDRAN

[Hon'ble Vice President,SBSY]

PRINCIPAL

Dr.LEENA A V

CONVENOR

Dr.SUSAN ABRAHAM

[DEAN UG/PG STUDIES,SNGCET]

COORDINATORS

Dr..RAJI SUKUMAR A

[Associate Professor-CSE]

Mr.SUNDER V,HOD-CSE

CO-COORDINATORS

Ms.VIJINA VIJAYAN, AP CSE

Mrs.THULASIBAI A, AP CSE

SUB COORDINATORS

Mrs.VARSHA M

Mrs.VEENA K K

Mrs.SRUTHI P

TECHNICAL SUPPORT

Mrs.ANUSHA M

Ms.ANAMIKA SURESHBABU

Session 1 : Chandrayaan-3 third mission in India's Chandrayaan lunar exploration program,, 13/09/2023



Dr.Raji Sukumar A, Associate Professor , SNGCET Payyannur

Session 2: "Chndrayan Project theories and outcomes, 14/09/2023



Ms. Bindys M C, HoD H&S , SNGCET Payyannur

Ms. Bindya M C, HOD S & H , SNGCET Payyannur

Session 3:"Inspired by the Stars: Celebrating Chandrayaan-3's Triumph Through the Lens of Discovery" Displaying video, 13/09/2023



SREE NARAYANA GURU
COLLEGE OF ENGINEERING
AND TECHNOLOGY,
PAYYANUR

Two day Seminar on

Inspired by the Stars: *Celebrating* *Chandrayaan Chronicles*

"Exploring the Cosmos, Student's Perspective at a Time"

On

13/09/2023 and 14/09/2023

Venue:Meeting Hall

Time:9.00-1.00

Contact Us

9447008398
9495001988
04985-201989





**SREE NARAYANA GURU COLLEGE OF ENGINEERING
AND TECHNOLOGY PAYYANNUR**

EVENT PROPOSAL FORM

DEPARTMENT:COMPUTER SCIENCE ENGINEERING

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

1	Event type	IIC
2	Event name	"Inspired by the stars: celebrating chandrayaan chronicles"
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	YES, COMPUTER SCIENCE AND ENGINEERING. in association with ISC, DEEC.
4	Mode of conduct [online / offline]	Offline
5	Date and time	13-09-2023,14-09-2023 09:00am – 01:00pm
6	Venue	Inauguration and Valedictory function - meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	S1 students
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	Yes
10	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the Chandrayaan-3 mission, its scientific significance, and its contribution to space exploration. 2. Interaction with Experts: Facilitate interaction and knowledge exchange between students and the eminent scientist who worked on the Chandrayaan-3 mission.

PAGE 1 OF 2

Leena
Dr. LEENA A. V.
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KANNUR

		offering them insights into real-world space research and career prospects in the field. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in a variety of events like speeches, quizzes, drawing, poster making, collage creation, article writing, PPT presentations, video content creation, and photography, aligning with their curriculum. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. Problem-Solving Abilities: Promote critical thinking and problem-solving abilities among students by challenging them with questions related to the Chandrayaan-3 mission in quizzes, articles, and presentations. Communication Skills: Improve students' communication skills by encouraging them to express their ideas and knowledge through speeches, articles, and presentations, preparing them for future career opportunities where effective communication is essential. Creative Expression: Foster creativity and artistic expression through drawing, collage, and poster-making events, enabling students to communicate complex ideas visually. Technical Proficiency: Enhance technical proficiency by encouraging students to create PPT presentations, videos, and photography related to the Chandrayaan 3 mission, aligning with their B. Tech curriculum. Teamwork and Collaboration: Promote teamwork and collaboration through group activities like collages, group presentations, and video content creation, helping students develop essential interpersonal skills.
11	Expected Outcomes	- Magic system development, Information about the launching of Chandrayaan, working of Chandrayaan 3
12	Connected PO / PSO	PO1 PO2 PO3 PO12
13	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Life Long Learning

14	Name of the resource person(s)	Nil Dr. Raji Sukumar A, Ms. Bindhya M.C (Associate Professor) (HOD, A & S).
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Dr. Raji Sukumar (Associate Professor CSC). Ms Bindhya M.C (HOD H & S).
16	Resource requirements	Expert Resource Person: - Eminent Scientist with expertise in the Chandrayaan-3 mission. - Availability for the duration of the program. - Proficiency in delivering presentations and engaging with participants. Presentation Materials: - Laptop or computer with necessary software for PowerPoint presentations. - Projector and screen for displaying PPT slides. - Adequate power supply and backup for uninterrupted presentations. Audio-Visual Equipment: - Sound system (microphone, speakers) for clear and audible presentations. - Video playback equipment for showing videos. Multimedia Support: - Access to a reliable internet connection for live streaming or accessing online resources. - Adequate bandwidth for video streaming and webinars. Technical Support: - IT support personnel for setting up and troubleshooting technical equipment. - Backup equipment in case of technical failures. Documentation: - Cameras and recording equipment for documenting the program. - Photographers and videographers if necessary. Transportation and Accommodation: - If required, arrangements for the resource person's transportation and accommodation. Registration and Feedback System: - Registration desk and materials for participants. - Feedback forms and data collection tools for evaluation. Budget Allocation:

		- Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. 10. Cleaning and Maintenance: - Cleaning services for the venue before and after the event. - Maintenance services for technical equipment. 11. COVID-19 and Nipah Precautions: - Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Ms.Vijina Vijayan , Ms.Thulasibai A
21	Dated signature of the coordinator(s)	<i>[Signature]</i> 12/9/2023 <i>[Signature]</i> 12/9/23

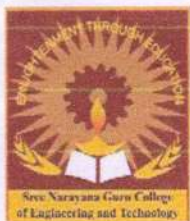
II. TO BE FILLED BY THE DEPARTMENT HOD (any one of the HoD, in case if the event is jointly conducted by various department(s))

1	Comments on the relevance of the event	<i>Relevant as it's emerging</i>
2	Recommendation [Put a tick on whichever is applicable]	☒ Recommended ☐ Not Recommended
3	Name	<i>Sunder V</i>
4	Dated Signature	<i>[Signature]</i>

COMMENTS FROM PRINCIPAL

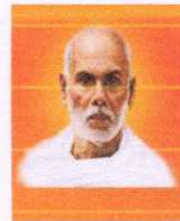
DATED SIGNATURE OF THE PRINCIPAL:

[Signature] 12/9/23
APPROVED / NOT APPROVED
 SREENA A. V.
 PRINCIPAL
 SREE GURU COLLEGE OF
 ENGINEERING AND TECHNOLOGY, PAYANUR



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

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



**A Two Day Seminar on
“INSPIRED BY THE STARS :CELEBRATING CHANDRAYAAN-3
CHRONICLE”**

("Exploring the Cosmic Odyssey Chandrayaan - 3 Unveiled")

Agenda

Welcome Address

Dr.RajiSukumar A, Associate Professor SNGCET

Presidential Address

Dr.Leena A. V, Principal SNGCET

Inaugural Address Address

Sri.Rajendran T. K, Vice- President, SreeBhakthiSamvardhiniYogam ,Talap

Vote Of Thanks

Ms.VijinaVijayan, AP C.S Department

Date: 13-09-2023,14-09-2023

Time: 09.00 am

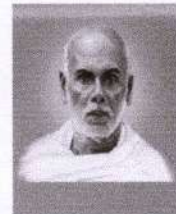
Venue: Seminar Hall

**Dr. LEENA 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



**REPORT ON “INSPIRED BY THE STARS :CELEBRATING
CHANDRAYAAN-3 CHRONICLE”**

“Inspired By The Stars :Celebrating Chandrayaan-3” Chronicle was organised by the department of computer science engineering association with the IIC cell, SNGCET, on 13th and 14th September 2023 in Inauguration and Valedictory function - meeting hall From 09:00am – 01:00pm This was conducted by **Dr. Raji Sukumar A, Associate professor CS department and Ms.Bindhya.M.C ,HOD H & S .** The session was presided over by the Principal, Dr. Leena A V, Sri Rajendran T. K, Vice-President, Sree Bhakthi Samvardhini Yogam , Talap Dean UG and PG studies, Dr. Susan Abraham, Nodal officer of IEDC, Dr. Raji Sukumar A, Ms Vijina Vijayan Mr.Sunder.V,Hod C.S

The session was very informative and valuable which helped the students to get a clear idea About launching of Chandrayaan –III.. The intersection of computer programming and space exploration has given rise to a new era of precision and innovation. This report delves into the critical role of computer programming in moon missions, with a focus on Chandrayaan-3. Proficiency in coding has become the digital backbone of lunar exploration, impacting navigation, communication, data analysis, and decision-making. This report explores the significance of coding in lunar missions, highlighting technological advancements, challenges, and future prospects. The resource person created a friendly environment and made the session engaging , interesting and participative through interactions and a lot of educative videos like advertisements case studies etc.

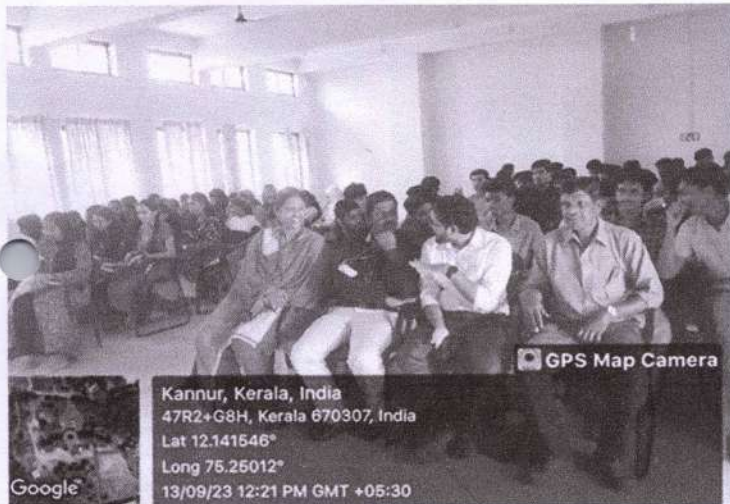
The event was co-ordinated by ^{Thulasi Bai, A P} C.S. The session was attended by the S1 students of all the braches. The Guest of honour was presented with a memento by the Principal as a token of appreciation. The seminar concluded at 1.00 pm.

Report prepared by
Co-ordinator

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

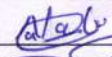
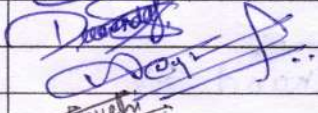
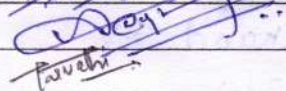
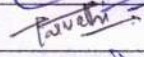
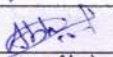
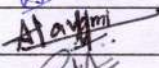
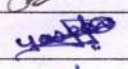
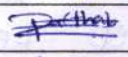
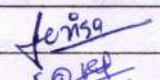
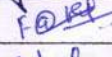
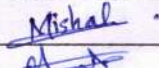
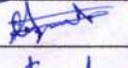
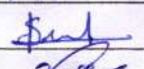
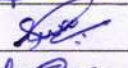
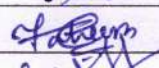
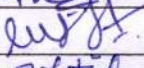
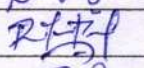
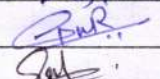
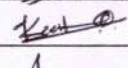
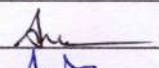
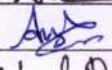
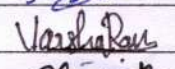
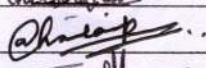
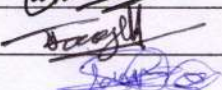
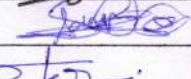
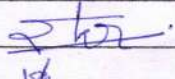
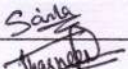


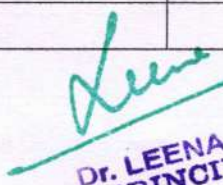

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KANNUR



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Name	Department	signature
NAURACHANDRA . K	CSE	
Devananda . S . Aji	CSE	
SAYANA THOTTATHAN	CSE	
PARVATHI PRADEEP	CSE	
ABHINAV . V	CSE	
NAVAMI . K	CSE	
SIDHARTH VINOD	CSE	
MUHAMMED YASEEN . K . K	CSE	
MADHUNEETH . A . P	CSE	
MUHAMMAD AFTAB RAHMAN	CSE	
Fariqa . N	CSE	
FATHIMATHUL ZUHRA	CSE	
MISTIAL BASHEER	CSE	
Majid Maharoof	CSE	
Saza Mahammed	CSE	
Swazgi . K	CSE	
Raheem	CSE	
Mohammed Khattim	CSE	
Muhammed Raziq . C . Y	CSE	
Gopika . K	CSE	
Sree . lakshmi . M	CSE	
Swathi . S . Nambiar	CSE	
Fathimath Safana . M	CSE	
Fathima Nafila	CSE	
keerthana Sreenivas	CSE	
Amruthul P . V	CSE	
AMEGH . K	CSE	
Varsha Ramachandran	CSE	
Chandana . p	CSE	
Jagan Mohan	CSE	
ADITH . P	CSE	
Sayogji . Kx	CSE	
Isha . P	CSE	
Sarika . M . V	CSE	
Thasneem Ismayil . K	CSE	
Arya Surendran	CSE	
Vismaya . C . K	CSE	


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Aithya Ganind CSE

Anur A.J CSE

Abhinand PV CSE

Harshin Ramesh CSE

Hrithik Pradeep CSE

Soeyas Naveen CSE

Abhinav pu CSE

Abhinav K.p CSE

MUHAMMED SAFWAN-KP C.B.E

Ismail K.K.T CSE

Sinan P.O. CSE

Manawis.V.C CSE

ADWAITH UMESHAN CSE

ADWAITH KRISHNA M CSE

Sidharth.V.Raj CSE

Dhiya Manoj CSE

Vismaya P.I CSE

Sreehari CSE

Harsh

Abhinav

Abhinav

Harsh

Harithu

Soeyas

Abhinav

Abhinav

M. Safwan

Ismail

Sinan

Manawis

Adwaith

Adwaith

Sidharth

Dhiya

Vismaya

Sreehari

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KANUR

2 & CSE

1. Devananda . s. Aji ~~Devananda~~

2. Navachandra ~~Navachandra~~

3. Fahem ~~Fahem~~

4. sayana ~~sayana~~

5. Fari sa ~~Fari sa~~

6. Afthab ~~Afthab~~

7. Ya seen ~~Ya seen~~

8. Fathima Zubra ~~Fathima~~

9. Mishal ~~Mishal~~

10. Majid ~~Majid~~

11. Razi ~~Razi~~

12. Mammed Rhatim ~~Mammed Rhatim~~

13. Gopika . k ~~Gopika . k~~

14. Sreelakshmi . m ~~Sreelakshmi . m~~

15. Keerthana . Sreenivas ~~Keerthana . Sreenivas~~

16. Nafla ~~Nafla~~

17. Fathimath Safana ~~Fathimath Safana~~

18. Swathi . s. Nambiar ~~Swathi . s. Nambiar~~

19. Amruthul p.v ~~Amruthul p.v~~

20. Navami . k ~~Navami . k~~

21. Pavathi Pradeep ~~Pavathi Pradeep~~

22. AMEGH . k ~~AMEGH . k~~

23. Jagan Mohan ~~Jagan Mohan~~

24. Chandana . p ~~Chandana . p~~

25. Varsha Ramachandran ~~Varsha Ramachandran~~

26. Vismaya P.I ~~Vismaya P.I~~

27. Dhiya Manoj ~~Dhiya Manoj~~

28. Sreehari - T ~~Sreehari - T~~

29. ADWAITH UMESHAN ~~ADWAITH UMESHAN~~

30. Adwaith Krishna M ~~Adwaith Krishna M~~

31. Sidharth . V. Ray ~~Sidharth . V. Ray~~

32. Jmail J.K.T ~~Jmail J.K.T~~

33. Sinan Pn ~~Sinan Pn~~

34. Manavir . V. C ~~Manavir . V. C~~

35. Hanbin Ramesh ~~Hanbin Ramesh~~

36. Abhinand P V ~~Abhinand P V~~

37. Arjun . A . J ~~Arjun . A . J~~

38. Saayath Naveen ~~Saayath Naveen~~

39. Hriithul Pradeep ~~Hriithul Pradeep~~

40. Abhinav pu ~~Abhinav pu~~

41. Abhinav K.p ~~Abhinav K.p~~

42. MUHAMMED SAFWAN-KP ~~MUHAMMED SAFWAN-KP~~

43. Swasaj - k ~~Swasaj - k~~

44. Sarra Mohammed ~~Sarra Mohammed~~

45. Majid Nqahar of ~~Majid Nqahar of~~

46. AP madhureeth ~~AP madhureeth~~

47. Sidharth Vinod ~~Sidharth Vinod~~

48. Arya Surendran ~~Arya Surendran~~

49. Adithya Jeyarind ~~Adithya Jeyarind~~

50. Vismaya . C . K ~~Vismaya . C . K~~

51. Thasneem Ismayil ~~Thasneem Ismayil~~

52. Sarika . m . v ~~Sarika . m . v~~

53. Isba . p ~~Isba . p~~

Dr. LEENA A. V.
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ENGINEERING & TECHNOLOGY, PATTANAM
KOTTA

25. Adith D



26. Jayog-4



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**SREE NARAYANA GURU COLLEGE OF ENGINEERING AND
TECHNOLOGY PAYYANNUR**

POST EVENT ANALYSIS FORM

DEPARTMENT: COMPUTER SCIENCE ENGINEERING

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

1	Event type conducted	IIC
2	Event name	"Inspired by the stars: celebrating chandrayaan chronicles"
3	Date and time of the event conducted	13-09-2023, 14-09-2023 09:00am – 01:00pm
4	Venue	Inauguration and Valedictory function - meeting hall
5	Whether the event was interdepartmental? If yes, mention the department(s) associated with	Yes. Computer Science in association with IIC, IEDC.
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	S1 students
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	Yes
12	Objectives of the event	Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the Chandrayaan-3 mission, its scientific significance, and its contribution to space exploration.

PAGE 1 OF 2

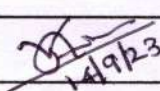
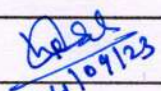
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		• Interaction with Experts: Facilitate interaction and knowledge exchange between students and the eminent scientist who worked on the Chandrayaan-3 mission, offering them insights into real-world space research and career prospects in the field. • Skill Enhancement: Enhance students' skills and creativity by encouraging participation in a variety of events like speeches, quizzes, drawing, poster making, collage creation, article writing, PPT presentations, video content creation, and photography, aligning with their curriculum. • Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. • Problem-Solving Abilities: Promote critical thinking and problem-solving abilities among students by challenging them with questions related to the Chandrayaan-3 mission in quizzes, articles, and presentations. • Communication Skills: Improve students' communication skills by encouraging them to express their ideas and knowledge through speeches, articles, and presentations, preparing them for future career opportunities where effective communication is essential. • Creative Expression: Foster creativity and artistic expression through drawing, collage, and poster-making events, enabling students to communicate complex ideas visually. • Technical Proficiency: Enhance technical proficiency by encouraging students to create PPT presentations, videos, and photography related to the Chandrayaan 3 mission, aligning with their B. Tech curriculum. • Teamwork and Collaboration: Promote teamwork and collaboration through group activities like collages, group presentations, and video content creation, helping students develop essential interpersonal skills.
13	Expected Outcomes	<i>Magic system development, Information about the launching of Chandrayaan, Working of Chandrayaan 3</i>
15	Connected PO / PSO	PO1 PO2 PO3 PO12
16	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Life Long Learning
17	Whether feedback forms from audience and resource person is collected?	Yes
		Yes

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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	Nil Ms Raji Sukumar A, Ms Bindya H.C.
21	Designation of the resource person(s)	Associate Professor CS, HOD H & S.
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Ms. Vijina Vijayan, Ms. Thulasibai A
24	Dated signature of the coordinator(s)	Assistant Professor, SNGCET  14/9/23  14/09/23

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	No.
4	All registration forms duly filled and signed	No.
5	Profile of the resource person(s)	Yes.
6	Feedback forms filled by participants and resource person	No.
7	Feedback analysis sheet	No.
8	CO attainment calculation sheet	No.
9	Study Materials (if any)	No
10	Letters or printouts of e-mail communication relevant to the event	Yes.
11	Documents related to professional body associated with the event	No.


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PAGE 1 OF 2

12	Photographs of the event	Yes.
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1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	
4	Dated Signature	

COMMENTS FROM PRINCIPAL


 14/07/23
 Dr. LEENA A. V.
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DATED SIGNATURE OF THE PRINCIPAL:



Agenda

Welcome Address

Dr. Raji Sukumar A,
Associate Professor ,CSE

Presidential Address

Dr. Leena A. V,
Principal

Inaugural Address

Dr. V K Janardanan

Former Deputy Project Director
GSLV Project, VSSC, Trivandrum
Former Principal ,SNGCET

Technical Session

10:00 am to 10:15 am.-Video Content
10:15 am to 10:30 am.-Drawing
10:30 am to 10:45 am.-Collage
10:45 am to 11:00 am.-Speech

Tea Break

11:15 am to 11:30 am-Poster Design
11:30 am to 11:45 am-PPT
11:45 am to 12:00 noon -Photography
12:00 noon to 12:30 pm-Quiz

Break

2:00 pm to 2:30 pm-

With deep respect and admiration, we present
the artwork "Brushstrokes of Aspiration: Our
collective Salutes" to Chandrayaan-3 Team

2:30 pm to 4:30 pm-

Technical Talk on Mission
Chandrayaan-3
Dr. V K Janardanan

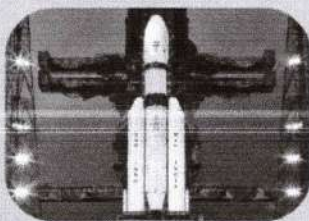
Vote Of Thanks

Mr. Shyaman V P,
AP in Mathematics, S and H Department

Activities

Team SIGMA - Speech
Team ALPHA - Quiz
Team SCARLET - Drawing
Team JAVA - Poster Design
Team LOGIC - Collage
Team S23 - Article
Team JESKO - PPT
Team C++ - Video content
Team TECHMATES - Photography

" Join us at our Symposium on
'Moonbound Magic: Chandrayaan -3
Spectacle.' Explore the wonders of space,
witness student creativity in speeches,
quizzes, and art, and salute Chandrayaan
-3's success. Experience the fusion of
science and art in an event that celebrates
space exploration."



ONE DAY SYMPOSIUM

Moonbound Magic Chandrayaan - 3 Spectacle

TECHNICAL TALK

MISSION
CHANDRAYAAN-3

Resource Person



Dr. V K Janardanan



September 21, Thursday
2:30pm



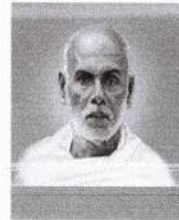
Seminar Hall, SNGCET

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

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



**A Symposium on
“Moonbound Magic : Chandrayaan-3 Spectacle”**

("Exploring the Cosmic Odyssey Chandrayaan - 3 Unveiled")

Agenda

Welcome Address

Dr. Raji Sukumar A, Associate Professor SNGCET

Presidential Address

Dr. Leena A. V, Principal SNGCET

Inaugural Address Address

Sri. Rajendran T. K, Vice- President, Sree Bhakthi Samvardhini Yogam , Talap

Technical Session

1	10:00 am to 10.15 am.	Video Content	Team C++
2	10:15 am to 10.30 am	Drawing	Team SCARLET
3	10:30 am to 10.45 am	Collage	Team LOGIC
4	10:45 am to 11.00 am	Speech	Team SIGMA
Tea Break			
5	11:15 am to 11.30 am	Poster	Team JAVA
6	11:30 am to 11.45 am	PPT	Team JESKO
7	11:45 am to 12.00 am	Photography	Team TECHMATES
8	12:00 am to 12.30 am	Quiz	Team ALPHA
Break			
9	2:00 pm to 2: 30 pm	With deep respect and admiration, we present the artwork "Brushstrokes of Aspiration: Our collective Salutes" to Chandrayaan-3 Team	Giving a gesture of appreciation to the Chairman of ISRO by the SNGCET Team in recognition of the success achieved with Chandrayaan 3.
10	2:30 pm to 4: 30 pm	Technical Talk on Mission Chandrayaan-3Dr. V K Janardhananan	Former Deputy Project Director, GSLV , VSSC Trivandrum

Vote Of Thanks

Mr. Shyaman V P, AP in Mathematics, S and H Department

Date: 21-09-2023

Time: 09.30 am

Venue: Seminar Hall

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

EVENT PROPOSAL FORM

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

1	Event type	IIC
2	Event name	MOONBOUND MAGIC: Chandrayaan – 3 Spectacles
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	Computer Science And Engineering in association with IIC
4	Mode of conduct [online / offline]	Offline
5	Date and time	21-09-2023, Thursday 09:30am – 03:00pm
6	Venue	Inauguration and Valedictory function - meeting hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	S1 students
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	Yes
10	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the Chandraayan-3 mission, its scientific significance, and its contribution to space exploration. 2. Interaction with Experts: Facilitate interaction and knowledge exchange between students and the eminent scientist who worked on the Chandrayaan-3 mission, offering them insights into real-world space research and career prospects in the field.

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		3. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in a variety of events like speeches, quizzes, drawing, poster making, collage creation, article writing, PPT presentations, video content creation, and photography, aligning with their curriculum. 4. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 5. Problem-Solving Abilities: Promote critical thinking and problem-solving abilities among students by challenging them with questions related to the Chandrayaan-3 mission in quizzes, articles, and presentations. 6. Communication Skills: Improve students' communication skills by encouraging them to express their ideas and knowledge through speeches, articles, and presentations, preparing them for future career opportunities where effective communication is essential. 7. Creative Expression: Foster creativity and artistic expression through drawing, collage, and poster-making events, enabling students to communicate complex ideas visually. 8. Technical Proficiency: Enhance technical proficiency by encouraging students to create PPT presentations, videos, and photography related to the Chandrayaan 3 mission, aligning with their B. Tech curriculum. 9. Teamwork and Collaboration: Promote teamwork and collaboration through group activities like collages, group presentations, and video content creation, helping students develop essential interpersonal skills.
11	Expected Outcomes	Exploration of moon, Scientific Research, Inspiration.
12	Connected PO / PSO	PO1 PO2 PO3 PO12
13	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Life Long Learning

14	Name of the resource person(s)	Dr. V K Janardhanan
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Former deputy project director GSLV project, VSSC ,Trivandrum Former principal SNGCET
16	Resource requirements	1. Expert Resource Person: • Eminent Scientist with expertise in the Chandrayaan-3 mission. • Availability for the duration of the program. • Proficiency in delivering presentations and engaging with participants. 2. Presentation Materials: • Laptop or computer with necessary software for PowerPoint presentations. • Projector and screen for displaying PPT slides. • Adequate power supply and backup for uninterrupted presentations. 3. Audio-Visual Equipment: • Sound system (microphone, speakers) for clear and audible presentations. • Video playback equipment for showing videos. 4. Multimedia Support: • Access to a reliable internet connection for live streaming or accessing online resources. • Adequate bandwidth for video streaming and webinars. 5. Technical Support: • IT support personnel for setting up and troubleshooting technical equipment. • Backup equipment in case of technical failures. 6. Documentation: • Cameras and recording equipment for documenting the program. • Photographers and videographers if necessary. 7. Transportation and Accommodation: • If required, arrangements for the resource person's transportation and accommodation. 8. Registration and Feedback System: • Registration desk and materials for participants. • Feedback forms and data collection tools for evaluation. 9. Budget Allocation:

PAGE 3 OF 2

Leena
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 KANNUR

		- Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. 10. Cleaning and Maintenance: - Cleaning services for the venue before and after the event. - Maintenance services for technical equipment. 11. COVID-19 and Nipah Precautions: - Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Shyaman V P
21	Dated signature of the coordinator(s)	Assistant Professor, SNGCET <i>Shyaman V P</i> 18/9/23

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	<i>Highly relevant</i>
2	Recommendation [Put a tick on whichever is applicable]	Recommended ☒ Not Recommended
3	Name	Mr Sunder.V
4	Dated Signature	<i>Sunder.V</i> 18/9/2023

COMMENTS FROM PRINCIPAL

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KANNUR

PAGE 4 OF 2

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:



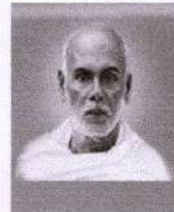
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PAGE 5 OF 2



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

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



REPORT ON “Moonbound Magic : Chandrayaan-3 Spectacle”

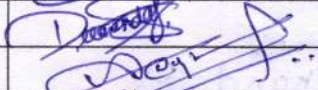
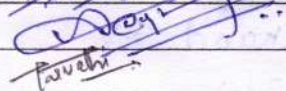
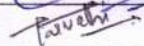
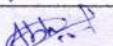
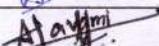
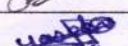
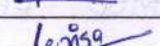
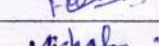
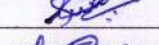
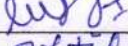
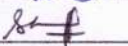
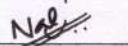
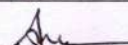
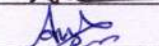
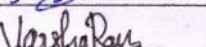
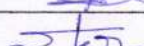
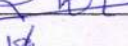
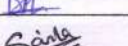
“Moonbound Magic : Chandrayaan-3 Spectacle” was organised by the department of computer science and engineering in association with the IIC cell, SNGCET, on 21st September 2023 in Inauguration and Valedictory function - meeting hall From 09:30am – 03:00pm This was conducted by the Guest of Honour and resource person, Dr. V K Janardhanan Former deputy project director GSLV project, VSSC ,Trivandrum Former principal SNGCET. The session was presided over by the Principal, Dr. Leena A V, Sri Rajendran T. K, Vice- President, Sree Bhakthi Samvardhini Yogam , Talap Dean UG and PG studies, Dr. Susan Abraham, Nodal officer of IEDC, Dr. Raji Sukumar A, Mr. Shyaman V.P Asst. Professor H&S.

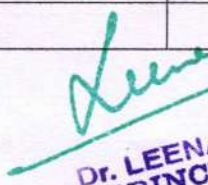
The session was very informative and valuable which helped the students to get a clear idea About launching of Chandrayaan –III.. The intersection of computer programming and space exploration has given rise to a new era of precision and innovation. This report delves into the critical role of computer programming in moon missions, with a focus on Chandrayaan-3. Proficiency in coding has become the digital backbone of lunar exploration, impacting navigation, communication, data analysis, and decision-making. This report explores the significance of coding in lunar missions, highlighting technological advancements, challenges, and future prospects . The resource person created a friendly environment and made the session engaging , interesting and participative through interactions and a lot of educative videos like advertisements case studies etc.

The event was co-ordinated by Mr. Shyaman V.P Asst. Professor H&S. The session was attended by the S1 students of all the braches. The Guest of honour was presented with a memento by the Principal as a token of appreciation. The seminar concluded at 3.30 pm.

Report prepared by
Co-ordinator

Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

Name	Department	signature
NAURCHANDRA . K	CSE	
Devananda . S . Aji	CSE	
SAYANA THOTTATHAN	CSE	
PARVATHI PRADEEP	CSE	
ABHINAV . V	CSE	
NAVAMI . K	CSE	
SIDHARTH VINOD	CSE	
MUHAMMED YASEEN . K . K	CSE	
MADHUNEETH . A . P	CSE	
MUHAMMAD AFTAB RAHMAN	CSE	
Fariqa . N	CSE	
FATHIMATHUL ZUHRA	CSE	
MISTIAL BASHEER	CSE	
Majid Maharoof	CSE	
Sara Mahammed	CSE	
Swazgi . K	CSE	
Raheem	CSE	
Mohammed Khattim	CSE	
Muhammed Raziq . C . Y	CSE	
Gopika . K	CSE	
Sree . lakshmi . M	CSE	
Swathi . S . Nambiar	CSE	
Fathimath Safana . M	CSE	
Fathima Nafila	CSE	
keerthana Sreenivas	CSE	
Amruthul P . V	CSE	
AMEGH . K	CSE	
Varsha Ramachandran	CSE	
Chandana . p	CSE	
Jagan Mohan	CSE	
ADITH . P	CSE	
Sayogji . Kx	CSE	
Isha . P	CSE	
Sarika . M . V	CSE	
Thasneem Ismayil . K	CSE	
Arya Surendran	CSE	
Vismaya . C . K	CSE	


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Aithya Jyand CSE

Anur A.J CSE

Abhinand PV CSE

Harshin Ramesh CSE

Hrithik Pradeep CSE

Saeyas Naveen CSE

Abhinav pu CSE

Abhinav K.p CSE

MUHAMMED SAIFAN-KP C.B.E

Ismail K.K.T CSE

Sinan P.O. CSE

Manawis.V.C CSE

ADWAITH UMESHAN CSE

ADWAITH KRISHNA M CSE

Sidharth.V.Raj CSE

Dhiya Manoj CSE

Vismaya P.I CSE

Sreehari CSE

Harsh

Abhinav

Abhinav

Harsh

Harithu

Saeyas

Abhinav

Abhinav

M. Saifan

Ismail

Sinan

Manawis

Adwaith

Adwaith

Sidharth

Dhiya

Vismaya

Sreehari

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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANUR

2 & CSE

1. Devananda . s. Aji ~~Devananda~~

2. Navachandra ~~Navachandra~~

3. Fahem ~~Fahem~~

4. sayana ~~sayana~~

5. Farisa ~~Farisa~~

6. Afthab ~~Afthab~~

7. Ya seen ~~Ya seen~~

8. Fathima Zubra ~~Fathima~~

9. Mishal ~~Mishal~~

10. Majid ~~Majid~~

11. Razi ~~Razi~~

12. Mammed Rhatim ~~Mammed Rhatim~~

13. Gopika . k ~~Gopika . k~~

14. Sreelakshmi . m ~~Sreelakshmi . m~~

15. Keerthana . Sreenivas ~~Keerthana . Sreenivas~~

16. Nafla ~~Nafla~~

17. Fathimath Safana ~~Fathimath Safana~~

18. Swathi . s. Nambiar ~~Swathi . s. Nambiar~~

19. Amruthul p.v ~~Amruthul p.v~~

20. Navami . k ~~Navami . k~~

21. Pavathi Pradeep ~~Pavathi Pradeep~~

22. AMEGH . k ~~AMEGH . k~~

23. Jagan Mohan ~~Jagan Mohan~~

24. Chandana . p ~~Chandana . p~~

25. Varsha Ramachandran ~~Varsha Ramachandran~~

26. Vismaya P.I ~~Vismaya P.I~~

27. Dhiya Manoj ~~Dhiya Manoj~~

28. Sreehari - T ~~Sreehari - T~~

29. ADWAITH UMESHAN ~~ADWAITH UMESHAN~~

30. Adwait Krishna M ~~Adwait Krishna M~~

31. Sidharth . V. Ray ~~Sidharth . V. Ray~~

32. Jmail J.K.T ~~Jmail J.K.T~~

33. Sinan Pn ~~Sinan Pn~~

34. Manavir . V. C ~~Manavir . V. C~~

35. Hanbin Ramesh ~~Hanbin Ramesh~~

36. Abhinand P V ~~Abhinand P V~~

37. Arjun . A . J ~~Arjun . A . J~~

38. Saayath Naveen ~~Saayath Naveen~~

39. Hrihul Pradeep ~~Hrihul Pradeep~~

40. Abhinav pu ~~Abhinav pu~~

41. Abhinav K.p ~~Abhinav K.p~~

42. MUHAMMED SAFWAN-KP ~~MUHAMMED SAFWAN-KP~~

43. Swasaj - k ~~Swasaj - k~~

44. Sarra Mohammed ~~Sarra Mohammed~~

45. Majid Nqahar of ~~Majid Nqahar of~~

46. AP madhureeth ~~AP madhureeth~~

47. Sidharth Vinod ~~Sidharth Vinod~~

48. Arya Surendran ~~Arya Surendran~~

49. Adithya Jeyarind ~~Adithya Jeyarind~~

50. Vismaya . C . K ~~Vismaya . C . K~~

51. Thasneem Ismayil ~~Thasneem Ismayil~~

52. Sarika . m . v ~~Sarika . m . v~~

53. Isba . p ~~Isba . p~~

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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PATTANAM
KOTTA

25. Adith D



26. Jayog-4



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KANNUR



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

POST EVENT ANALYSIS FORM

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

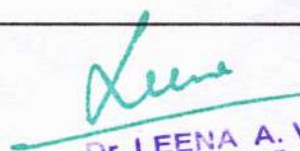
1	Event type conducted	IIC
2	Event name	MOONBOUND MAGIC: Chandrayaan – 3 Spectacles
3	Date and time of the event conducted	21-09-2023, Thursday 09:30am – 03:00pm
4	Venue	Inauguration and Valedictory function - meeting hall
5	Whether the event was interdepartmental? If yes, mention the department(s) associated 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	S1 students
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	Yes
12	Objectives of the event	Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the Chandraayan-3 mission, its scientific significance, and its contribution to space exploration.

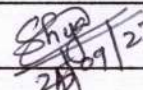
PAGE 1 OF 2

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		• Interaction with Experts: Facilitate interaction and knowledge exchange between students and the eminent scientist who worked on the Chandrayaan-3 mission, offering them insights into real-world space research and career prospects in the field. • Skill Enhancement: Enhance students' skills and creativity by encouraging participation in a variety of events like speeches, quizzes, drawing, poster making, collage creation, article writing, PPT presentations, video content creation, and photography, aligning with their curriculum. • Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. • Problem-Solving Abilities: Promote critical thinking and problem-solving abilities among students by challenging them with questions related to the Chandrayaan-3 mission in quizzes, articles, and presentations. • Communication Skills: Improve students' communication skills by encouraging them to express their ideas and knowledge through speeches, articles, and presentations, preparing them for future career opportunities where effective communication is essential. • Creative Expression: Foster creativity and artistic expression through drawing, collage, and poster-making events, enabling students to communicate complex ideas visually. • Technical Proficiency: Enhance technical proficiency by encouraging students to create PPT presentations, videos, and photography related to the Chandrayaan 3 mission, aligning with their B. Tech curriculum. • Teamwork and Collaboration: Promote teamwork and collaboration through group activities like collages, group presentations, and video content creation, helping students develop essential interpersonal skills.
13	Expected Outcomes	Exploration of moon. Scientific Research, Inspiration
15	Connected PO / PSO	PO1 PO2 PO3 PO12
16	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Life Long Learning
17	Whether feedback forms from audience and resource person is collected?	Yes

PAGE 1 OF 2


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18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	
20	Name of the resource person	Dr. V K Janardhanan
21	Designation of the resource person(s)	Former deputy project director GSLV project, VSSC ,Trivandrum Former principal SNGCET
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Shyaman V P
24	Dated signature of the coordinator(s)	 23/09/23

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	No
4	All registration forms duly filled and signed	No
5	Profile of the resource person(s)	Yes
6	Feedback forms filled by participants and resource person	No
7	Feedback analysis sheet	No
8	CO attainment calculation sheet	No
9	Study Materials (if any)	No
10	Letters or printouts of e-mail communication relevant to the event	Yes
11	Documents related to professional body associated with the event	Yes


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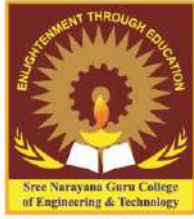
12	Photographs of the event	Yes
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1	Comments about the conduct of the event	<i>It was of great impact highly knowledge of correct person for the pgm } Suresh V } Suresh 25/9/2023</i>
2	Comments about the resource person and impact of the event	
3	Name	
4	Dated Signature	

COMMENTS FROM PRINCIPAL

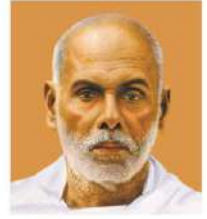
Leena
25/9/23
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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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KANNUR

DATED SIGNATURE OF THE PRINCIPAL:



Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



MSME



SREE NARAYANA GURU COLLEGE OF OF ENGINEERING & TECHNOLOGY

Korom, Chalakkode P.O. Payyanur, Kannur-670307

Promoted by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University

Approved by AICTE, New Delhi



Ministry of Micro, Small and Medium Enterprises,
Government of India



GOVERNMENT OF INDIA

MINISTRY OF MICRO, SMALL AND MEDIUM ENTERPRISES (MSME)

OFFICE OF DEVELOPMENT COMMISSIONER

MSME-DEVELOPMENT & FACILITATION OFFICE, THRISSUR

Jointly organizes

**ENTREPRENEURSHIP
AWARENESS PROGRAMME**

InnoVista

Nurturing Tomorrow's Ideas Today

Inauguration by



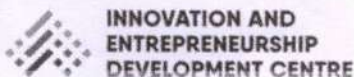
**Sri. Arun K Vijayan IAS,
District Collector, Kannur**

VENUE: SNGCET, Payyanur

DATE: 08/12/2023

Leena
**Dr. LEENA A. V.
PRINCIPAL**

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ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR**





SREE NARAYANA GURU

COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

Submitted by: IEDC

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

1	Event type	WORKSHOP
2	Event name	Innovista
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	08/12/2023 9:00 am to 4:00 pm
6	Venue	Seminar hall
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	Inside/outside participants
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 promote entrepreneurship among students and outside MSME from nearby panchayat - To understand the area MSME schemes & licensing procedures - Banking schemes and product available for MEME sector - Health benefits of millets(IYM2023)
11	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
12	Connected PO / PSO	1. DESIGN MODEL 2. SOLUTION DEVELOPMENT
13	Justification for PO / PSO [may use separate sheet if necessary]	DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design

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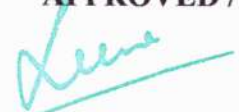
		modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs.
14	Name of the resource person(s)	1. Smt. Rekha.K 2. Sri. A. S Shiras 3. Sri. K Ramesh Kumar 4. Sri. Subhash Babu K 5. Smt. Smitha 6. Sri. Jomon Thachil, 7. Sri. Premaraj C. C
15	Designation of the resource person (may attach separate sheet to indicate the profile)	1. Assistant Director MSME-Development & Facilitation Office Thrissur 2. Joint Director of Industries and Commerce - General Manager, District Industries Centre 3. President The North Malabar Chamber of Commerce, Kannur. 4. Managing Director Malabar Innovation Entrepreneurship Zone 5. Industries Extension Officer Payyannur Block 6. Nutrition Counsellor 7. Jana Jyothi Financial Literacy Counsellor, Kannur Centre
16	Resource requirements	Projector, Mike, sound system
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)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Dr. Raji Sukumar A
21	Dated signature of the coordinator(s)	

COMMENTS FROM PRINCIPAL

APPROVED

DATED SIGNATURE OF THE PRINCIPAL:

APPROVED / NOT


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Government of India
Ministry of Micro, Small and Medium Enterprises (MSME)
Office of Development Commissioner (MSME)
MSME-Development & Facilitation Office, Thrissur
&
Sree Narayana Guru College of Engineering & Technology, Payyanur,
Kannur. Jointly organizes

ENTREPRENEURSHIP AWARENESS PROGRAMME

VENUE: Payyanur DATE: 08/12/2023

Registration 09.30AM- 10.00AM	
Prayer	
INAUGURAL SESSION	
Welcome & Introduction about the programme 10.00AM 10.05AM	Smt. Rekha.K Assistant Director MSME-Development & Facilitation Office Thrissur
Presidential Address 10.05AM-10.20 AM	Sri. K P Balakrishnan , President, Sree Bhakti Samvardhini Yogam, Talap Kannur.
Inaugural Address 10.20 AM-10.30 AM Keynote Address 10.30AM-10.40 AM	Sri.Arun Vijay , District Collector, Kannur Sri. A. S Shiras , Joint Director of Industries and Commerce - General Manager, District Industries Centre

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Felicitation Address 10.40AM-10.45 AM	Sri. K Ramesh Kumar , President The North Malabar Chamber of Commerce, Kannur. Sri. T .K Rajendran , Vice President, Sree
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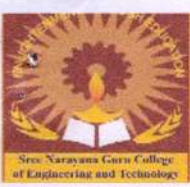
	Bhakti Samvardhini Yogam, Talap Kannur. Sri. Sunil Kumar , President of Kankol Alppadamba Panchayat,
Vote of Thanks 10.45 AM-10.50 AM	Dr. Leena A V (Principal SNGCET)
TEA BREAK- 10.45 AM - 11.00AM	

TECHNICAL SESSION	
Sharing Entrepreneurial Experience 11.00AM-11.40AM	Sri. Subhash Babu K Managing Director Malabar Innovation Entrepreneurship Zone
Licensing Procedures, Schemes and Services offered by State Industries Department 11.45AM-01.00PM	Smt. Smitha Industries Extension Officer Payyannur Block
Health Benefits of Millets to Life Style Diseases (IYM2023) 01.00PM-01.30PM	Sri. Jomon Thachil , Nutrition Counsellor
Social Entrepreneurship 01.00PM-01.30PM	Dr. Raji Sukumar A , Associate Professor, Nodal officer, SNGCET Payyanur.
LUNCH BREAK- 01.30 PM-02.00PM	


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Banking Schemes and Products available for MSME sector 02.00PM-03.00PM Schemes and Services offered by Ministry of MSME, Govt of India 03.00PM-03.45PM	Sri. Premaraj C. C Jana Jyothi Financial Literacy Counsellor, Kannur Centre Smt.Rekha.K Assistant Director MSME - Development & Facilitation Office Thrissur
One to one discussion Q&A and Feedback collection 03.45PM -04.00PM	MSME - Development & Facilitation Office Thrissur


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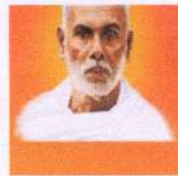
സംരഭകത്വബോധവത്കരണശില്പശാല

Date: 08/12/2023

Venue: Seminar Hall

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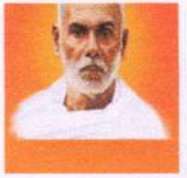
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Date: 08/12/2023

Venue: Seminar Hall

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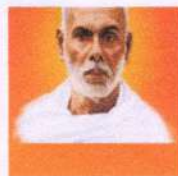
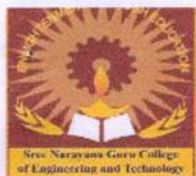
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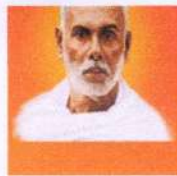
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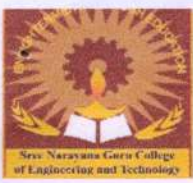
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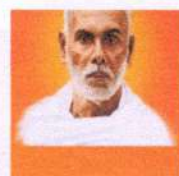
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Date: 08/12/2023

Venue: Seminar Hall

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Report on Innovista: Entrepreneurship Awareness Seminar and Workshop Program

Date: 08-12-2023

Introduction:

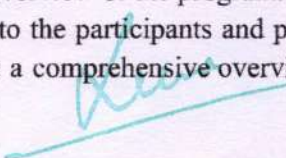
On December 8, 2023, a transformative one day seminar workshop, Micro Small and Medium Enterprises (MSME) Thrissur joined forces with Sree Narayana Guru College of Engineering and Technology (SNGCET) Payyanur to orchestrate Innovista. This one-day Entrepreneurship Awareness Seminar and Workshop Program were crafted with a singular purpose—to inspire, educate, and empower individuals to embrace the realms of entrepreneurship and innovation among students and the public. The participants are students and new entrepreneurs from nearby Local Self Governing Bodies (Eramam Kuttur, Karivellur Peralam, Kunhimangalam, Kankol Alappadamba, Cheruthazham Panchayat and Payyanur Municipality). Innovista emerged as a beacon of opportunity, offering participants a unique platform to delve into the dynamic world of entrepreneurship. The program unfolded against the backdrop of collaborative efforts between industry stalwarts, academia, and aspiring entrepreneurs, creating an environment ripe for exploration and discovery. Innovista embarked on a journey marked by insightful keynote addresses, interactive workshops, and engaging panel discussions. The event aimed not only to disseminate knowledge but also to instill a spirit of entrepreneurship, encouraging individuals to turn innovative ideas into impactful ventures. The collaboration between MSME Thrissur and SNGCET Payyanur underscored the significance of bridging the gap between academia and industry in nurturing entrepreneurial endeavors. Together, they sought to pave the way for a new generation of visionaries, equipped with the knowledge, skills, and inspiration needed to navigate the ever-evolving landscape of business and innovation. Innovista wasn't just a seminar; it was a convergence of minds, an inspiration for change, and a celebration of the entrepreneurial spirit. This introduction sets the stage for the unfolding narrative of how Innovista became a cornerstone in the journey towards entrepreneurial excellence, leaving an indelible mark on the participants and the landscape of innovation.

Program Highlights: VENUE: Payyanur DATE: 08/12/2023

Welcome & Introduction about the programme 10.00AM 10.05AM

Smt. Rekha.K Assistant Director, MSME-Development & Facilitation Office, Thrissur

In this opening segment, Smt. Rekha K, Assistant Director at the MSME-Development & Facilitation Office in Thrissur, will warmly welcome the participants and provide an overview of the program. In the inaugural segment of Innovista, Smt. Rekha K, extends a warm welcome to the participants and plays a pivotal role in setting the stage for this transformative event. She provides a comprehensive overview of


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the program, shedding light on the collaborative efforts of MSME Thrissur and Sree Narayana Guru College of Engineering and Technology, Payyanur, in bringing Innovista to fruition. Smt. Rekha K will articulate the crucial role of MSMEs in the economic landscape, emphasizing their significance as drivers of growth, employment, and innovation. Her introduction is poised to offer valuable insights into the services and responsibilities of MSMEs, highlighting their diverse contributions to the development of the entrepreneurial ecosystem. By illuminating the importance of MSMEs, Smt. Rekha K's address will lay a solid foundation for the insightful sessions that will follow, creating an atmosphere of engagement and learning for all participants.

Presidential Address 10.05AM-10.20 AM

Sri. K P Balakrishnan, President, Sree Bhakthi Samvardhini Yogam, Talap Kannur.

Sri. K P Balakrishnan, President of Sree Bhakthi Samvardhini Yogam, Talap Kannur, is poised to deliver the much-anticipated Presidential Address during the Innovista program. Renowned for his dedication to community development, his words are expected to resonate with wisdom and insight, offering a guiding vision for the event. As the leader of an institution named after Sri Narayana Guru, Sri. Balakrishnan embodies a legacy of service and social contribution spanning two decades. The institution, under his stewardship, has played an instrumental role in uplifting the community through various initiatives. With a deep understanding of the transformative power of entrepreneurship, it is anticipated that his address will underscore the pivotal role of fostering innovation in driving not only economic growth but also in contributing to the holistic development of the community. Sri. K P Balakrishnan's leadership and the institution's remarkable contributions stand as a testament to the enduring legacy of Sri Narayana Guru's teachings in the service of society.

Inaugural Address 10.20 AM-10.30 AM

Mr. Sri. K Ramesh Kumar, President of The North Malabar Chamber of Commerce, Kannur,

In his impactful inaugural address, Mr. Sri. K Ramesh Kumar, President of The North Malabar Chamber of Commerce, Kannur, seamlessly blended inspiration with practical insights, setting a tone of enthusiasm for the Entrepreneurship Awareness Seminar and Workshop Program. Mr. Kumar eloquently emphasized the vast opportunities inherent in the business landscape, portraying entrepreneurship not merely as a pursuit of profit but as a journey enriched with possibilities and growth. He articulated the pivotal role that the Chamber of Commerce plays in championing the interests of businesses, underscoring its significance as a conduit for fostering collaboration, providing resources, and advocating for policies conducive to economic growth. Mr. Ramesh Kumar's address not only served as a beacon of motivation but also illuminated the crucial role the Chamber of Commerce plays in shaping the entrepreneurial ecosystem, fostering a sense of unity and purpose among the participants and wish all support to Sree Narayana Guru College of Engineering and Technology, Payyanur.

Message

Sri. Arun Vijay, District Collector, Kannur, Keynote Address

Sri. Arun Vijay, the esteemed District Collector of Kannur, extended his support to the Innovista program through a heartfelt video message. In his message, he conveyed his best wishes for the success of the event, acknowledging the critical role that initiatives like Innovista play in fostering entrepreneurship and


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innovation within the community. Sri. Vijay specifically commended the IEDC SNGCET team for their exemplary efforts, recognizing them as leading contributors to the entrepreneurial landscape and job creation in the region. Despite his absence, Sri. Arun Vijay's encouraging words added a significant motivational touch to the inaugural proceedings, reinforcing the collective commitment to nurturing a thriving entrepreneurial ecosystem under Sree Narayana Guru College of Engineering and Technology, Payyanur. His insights are expected to shed light on the local context and the role of entrepreneurship in contributing to the overall development of the district.

Keynote Address 10.30AM-10.40 AM

Sri. A. S Shiras, Joint Director of Industries and Commerce - General Manager, District Industries Centre

In the upcoming Keynote Address, Sri. A. S Shiras, Joint Director of Industries and Commerce and General Manager at the District Industries Centre, is anticipated to offer invaluable insights into entrepreneurship development, particularly within the vibrant context of Kannur. His speech is expected to delve into key aspects of industrial development, providing a nuanced and comprehensive perspective on the industrial landscape. With a keen focus on local entrepreneurship, Sri. Shiras is likely to shed light on the unique opportunities and challenges present in Kannur, emphasizing the role of initiatives like Entrepreneurship Development Clubs under the Ministry of Industry and Commerce. Notably, he is expected to highlight the potential for such clubs to thrive, fostering entrepreneurial endeavors at the grassroots level. Moreover, by mentioning the possibilities in the Kankol Alappadamba Panchayat, Sri. Shiras is likely to underscore the importance of community-specific development. Additionally, his supportive stance toward the establishment of a Campus Industrial Park at Sree Narayana Guru College of Engineering and Technology, Payyanur demonstrates a commitment to nurturing innovation and industry collaboration within the academic environment. Sri. A. S Shiras's Keynote Address is poised to provide valuable insights, guidance, and encouragement for the participants, steering them towards a future marked by entrepreneurial success and industrial growth.

Felicitation Address

10.40AM-10.45 AM

Sri. T .K Rajendran, Vice President, Sree Bhakti Samvardhini Yogam, Talap Kannur.

Sri. T .K Rajendran will deliver the Felicitation Address, recognizing the collaborative efforts between different entities in promoting entrepreneurship and commerce in the region. He also brought a wealth of insights to the event during his talk, where he passionately highlighted the myriad possibilities within the realms of innovation and entrepreneurship. His discourse likely painted a vivid picture of the landscape, showcasing how these avenues can be harnessed for transformative change. Moreover, Sri. Rajendran took a moment to commend the significant achievements of the Innovation Wing of Sree Narayana Guru College of Engineering and Technology, Payyanur., underscoring its invaluable contributions to the institution. In his Felicitation Address, he graciously acknowledged the collaborative efforts among various entities dedicated to promoting entrepreneurship and commerce within the region. This recognition not only emphasizes the collective commitment toward fostering economic growth but also highlights the positive impact of collaborative initiatives. Sri. T .K Rajendran's address is poised to inspire and motivate participants, underscoring the vital role of innovation and entrepreneurship in shaping the future of the institution and the broader community.


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Sri. Sunil Kumar, President of Kankol Alppadamba Panchayat, Kannur.

The endorsement and active support from Sri. Sunil Kumar, President of Kankol Alappadamba Panchayat, echoes a visionary perspective on entrepreneurship. In emphasizing the significance of becoming job creators rather than job seekers, Sri. Sunil Kumar has showcased a forward-thinking approach that aligns with the spirit of innovation and self-reliance. His commitment to fostering entrepreneurship within the local community is not only commendable but also a crucial component for sustainable development. By championing the cause of job creation, Sri. Sunil Kumar is likely to inspire individuals to explore their entrepreneurial potential and contribute to the economic growth of the region. His endorsement adds a valuable dimension to the ongoing discourse on entrepreneurship, emphasizing its transformative power in shaping the future of the community with the support of Sree Narayana Guru College of Engineering and Technology, Payyanur.

Vote of Thanks

10.45 AM-10.50 AM, Dr. Leena A V (Principal SNGCET)

In bringing the Inaugural Session of Innovista to a fitting conclusion, Dr. Leena A V, the esteemed Principal of SNGCET, played a pivotal role in encapsulating the essence of the event. Dr. Leena took the opportunity to spotlight on the remarkable achievements of SNGCET and the Innovation and Entrepreneurship wings, showcasing the tangible impact of dedicated efforts and visionary initiatives. As she eloquently narrated the journey of the Innovation team and articulated the institution's forward-looking vision, Dr. Leena instilled a sense of pride and purpose among the participants. In her heartfelt vote of thanks, she expressed sincere gratitude to all dignitaries, speakers, participants, and organizers who contributed to the resounding success of the event. Dr. Leena's closing remarks not only marked the official commencement of subsequent sessions but also set a tone of gratitude and appreciation, emphasizing the collaborative spirit that underpins the vibrant culture of innovation and entrepreneurship at Sree Narayana Guru College of Engineering and Technology, Payyanur.

TECHNICAL SESSION

Sharing Entrepreneurial Experience 11.00AM-11.40AM

Sri. Subhash Babu K: Managing Director

Malabar Innovation Entrepreneurship Zone

During the segment dedicated to "Sharing Entrepreneurial Experience" at 11:00 AM to 11:40 AM, Innovista had the privilege of hosting Sri. Subhash Babu K, the Managing Director of Malabar Innovation Entrepreneurship Zone. In an engaging and informative session, Sri. Subhash Babu shared his entrepreneurial journey, offering a roadmap of insights for aspiring entrepreneurs. With a focus on Licensing Procedures, Schemes, and Services provided by the State Industries Department, he provided a comprehensive overview of the bureaucratic landscape, unraveling the intricacies of starting and managing a business. Through the lens of his own experiences, Sri. Subhash Babu illuminated the challenges, successes, and crucial milestones that define an entrepreneurial path, offering participants a valuable guide on how to navigate the entrepreneurial landscape and achieve their goals. His practical and inspirational discourse contributed significantly to the collective learning experience of the event.

11.45AM-01.00PM


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Smt. Smitha

Industries Extension Officer, Payyannur Block

Smt. Smitha, Industries Extension Officer of Payyannur Block, became a crucial juncture for Innovista participants. Smt. Smitha, with her expertise, skillfully navigated through the intricate terrain of licensing procedures, schemes, and services provided by the State Industries Department. Her presentation delved into the regulatory intricacies, providing attendees with a comprehensive understanding of the bureaucratic landscape. By unraveling the complexities associated with establishing and managing businesses, Smt. Smitha's insights formed a foundational guide for budding entrepreneurs. This informative session not only empowered participants with the knowledge needed to navigate regulatory processes effectively but also illuminated the various avenues of support available from government initiatives. Smt. Smitha's contribution was instrumental in equipping the entrepreneurial community with the essential tools for success in their ventures.

Health Benefits of Millets to LifeStyle Diseases (IYM2023)

01.00PM-01.30PM

Sri. Jomon Thachil, Nutrition Counsellor

In a health-conscious pivot during the session, Sri. Jomon Thachil, a seasoned Nutrition Counsellor, took the stage to delve into the "Health Benefits of Millets to Lifestyle Diseases (IYM2023)." This segment transcended the traditional boundaries of entrepreneurship, shedding light on the crucial intersection of nutrition and business sustainability. Sri. Jomon not only highlighted the health benefits associated with millets but also wove in the visionary concept of the Millet Year 2023, underscoring its significance in promoting overall well-being. Beyond nutritional insights, he delved into the potential of millets to become a cornerstone of the wellness industry, offering a holistic perspective on the role of healthy living in fostering sustainable business practices. Sri. Jomon's session served as a reminder that entrepreneurship is intricately linked to the well-being of individuals and communities, showcasing the multifaceted impact that informed nutritional choices can have on both personal health and the broader business landscape.

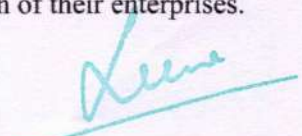
Banking Schemes and Products available for MSME sector 02.00PM-03.00PM

Sri. Premaraj C. C, Jana Jyothi Financial

Literacy Counsellor, Kannur Centre

Schemes and Services offered by Ministry of MSME, Govt of India

Post the rejuvenating lunch break, the spotlight shifted to financial literacy as Sri. Premaraj C. C, a distinguished Jana Jyothi Financial Literacy Counsellor from Kannur Centre, took center stage. In his enlightening session, Sri. Premaraj unraveled the intricacies of banking schemes and products tailored for the MSME sector. With a focus on enhancing financial literacy among entrepreneurs, his presentation aimed to empower participants with the knowledge essential for sound financial management. Sri. Premaraj's expertise not only shed light on the array of financial resources available but also provided practical insights on how entrepreneurs can navigate the financial landscape to optimize their business operations. This session undoubtedly played a crucial role in equipping attendees with the financial acumen necessary to make informed decisions and foster the financial health of their enterprises.


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03.00PM-03.45PM

Smt.Rekha.K, Assistant Director, MSME - Development & Facilitation Office, Thrissur

One to one discussion

Q&A and Feedback collection 03.45PM -04.00PM

MSME - Development & Facilitation Office. Thrissur

The culmination of Innovista marks a significant milestone, leaving participants enriched with a wealth of knowledge and insights. The comprehensive overview of schemes and services offered by the Ministry of MSME, Government of India, presented by Smt. Rekha K, Assistant Director at the MSME Development & Facilitation Office in Thrissur, encapsulates the national-level support systems available for the MSME sector. This final segment serves as a compass, guiding entrepreneurs with a roadmap for leveraging governmental resources. The overall outcome of Innovista is the empowerment of participants with practical insights, valuable knowledge, and a heightened awareness of the multifaceted landscape of entrepreneurship. The dynamic exploration throughout the technical sessions ensures that attendees are well-equipped with the tools needed for success in the ever-evolving business world. As they leave Innovista, participants carry with them not only a deeper understanding of entrepreneurship but also a renewed enthusiasm and inspiration to contribute meaningfully to the economic and societal landscape.

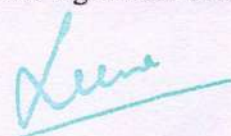
Social Entrepreneurship

Dr. Raji Sukumar A, Associate Professor, Nodal officer, SNGCET Payyanur.

Dr. Raji Sukumar A, Associate Professor and Nodal Officer at SNGCET Payyanur, emerged as a guiding force during Innovista, directing participants through the transformative realm of social entrepreneurship. With a wealth of academic and practical experience, Dr. Raji Sukumar underscored the importance of businesses that extend beyond profit margins to prioritize positive societal impact. Her session illuminated the concept of social entrepreneurship, emphasizing the profound influence that purpose-driven businesses can have in addressing societal challenges. Dr. Raji Sukumar's insights encouraged participants to envision ventures that contribute not only to economic prosperity but also to the greater well-being of communities. By championing the ethos of social responsibility within entrepreneurship, Dr. Raji Sukumar instilled a sense of purpose and civic duty among attendees, inspiring them to consider the broader implications of their business endeavors.

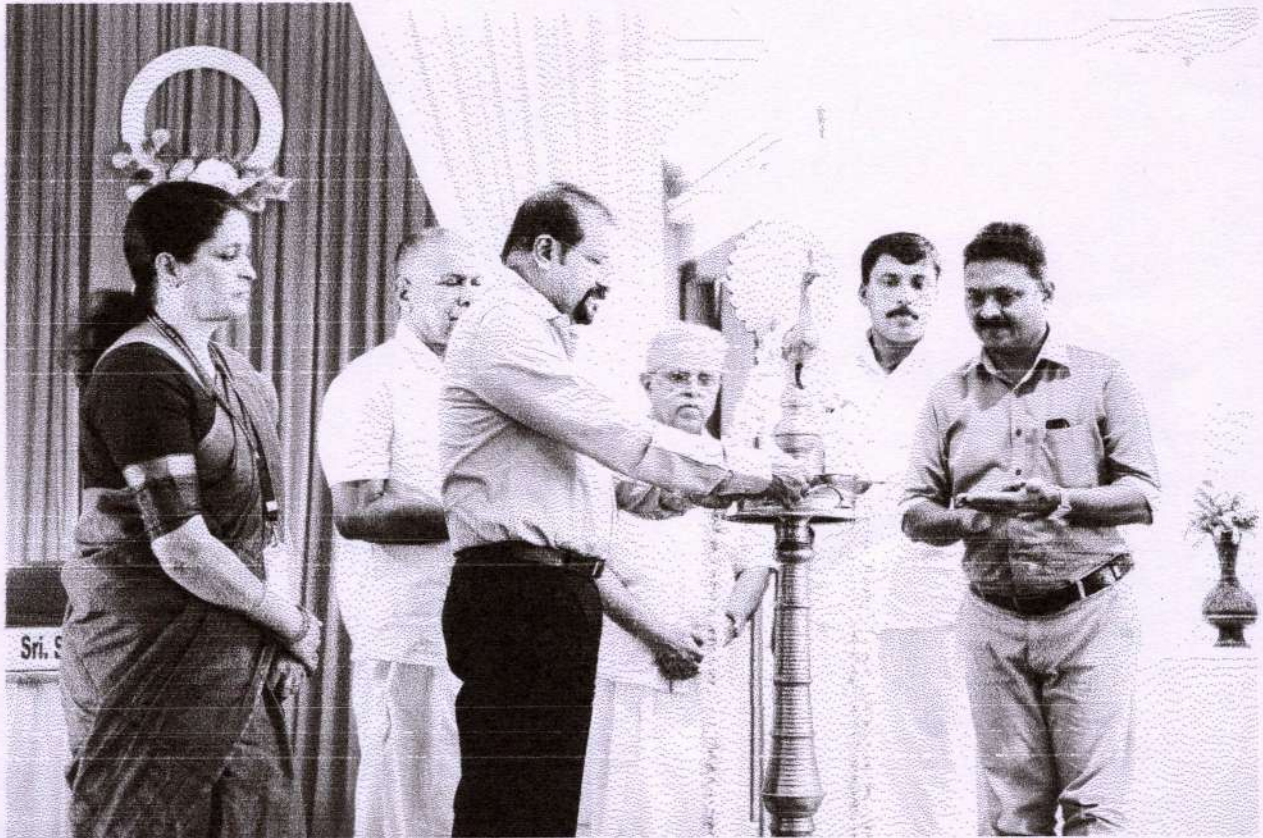
Conclusion:

Innovista, a resounding success, has unequivocally achieved its primary objective of fostering awareness and enthusiasm for entrepreneurship. The collaborative efforts between MSME Thrissur, SNGCET Payyanur, and the Industry and Commerce Ministry have exemplified the transformative power of strategic partnerships. This triumvirate alliance not only showcased the commitment to nurturing innovation and enterprise but also underscored the positive impact that such collaborations can have on the development of a vibrant entrepreneurial ecosystem. The event served as a beacon, illuminating the path for aspiring entrepreneurs and stakeholders, providing them with valuable knowledge, insights, and a network of support. As Innovista concludes, it leaves in its wake a heightened spirit of innovation, a strengthened commitment to entrepreneurship, and a community poised to make significant strides in shaping the future of business and economic growth.


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Acknowledgments:

We extend our sincere gratitude to MSME Thrissur and the Industry and Commerce Ministry for their unwavering support and collaboration, which played a pivotal role in the success of Innovista. Our heartfelt appreciation goes to the distinguished speakers who shared their expertise and insights, contributing to the enriching experience for all participants. We extend our thanks to the enthusiastic participants whose engagement and active involvement added vibrancy to the event. Special thanks to all individuals, organizations, and contributors who worked tirelessly behind the scenes, ensuring the seamless execution of Innovista. Your collective efforts have made this endeavor a triumph, and we look forward to continued collaboration and success in fostering entrepreneurship and innovation.



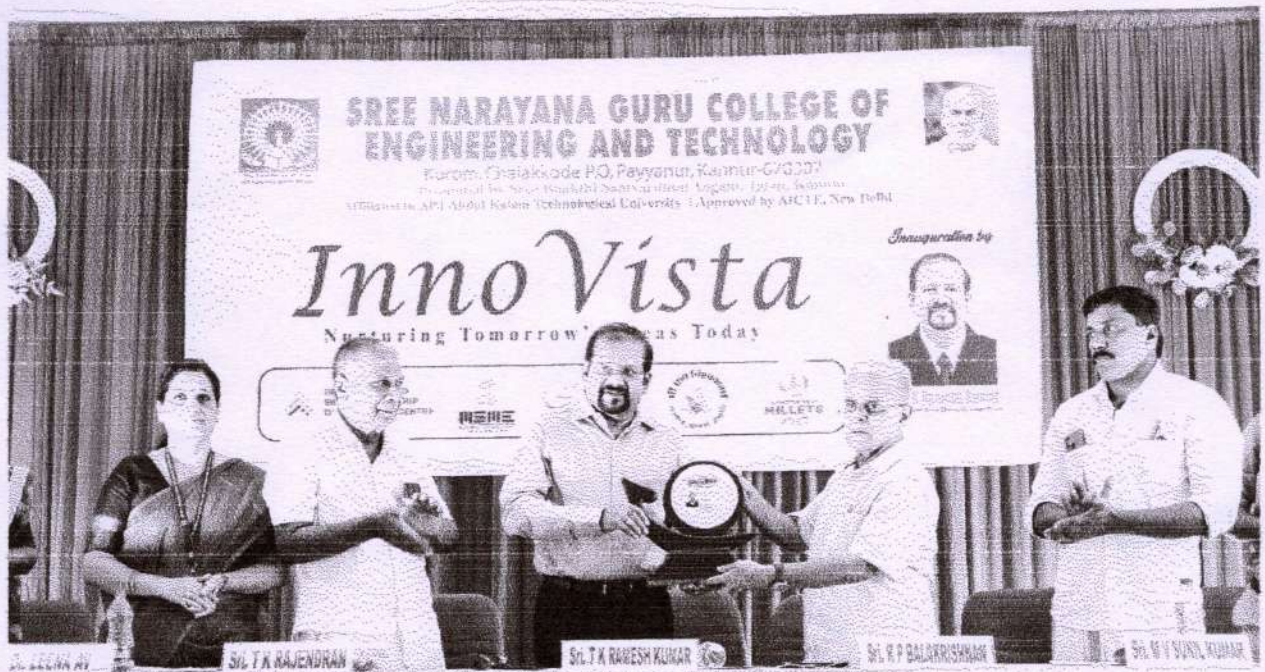
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SRI. ARUN K VIJAYAN IAS

DISTRICT COLLECTOR, KANNUR

Leena
Dr. LEENA A. V.
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Leena

Dr. Raji Suleman A

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POST EVENT ANALYSIS FORM

Submitted by: IEDC

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

1	Event type conducted	WORKSHOP
2	Event name	Innovista
3	Date and time of the event conducted	08/12/2023 9:00 am to 4:00 pm
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	Inside Participants
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 promote entrepreneurship among students and outside MSME from nearby panchayat - To understand the area MSME schemes & licensing procedures - Banking schemes and product available for MEME sector

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		Health benefits of millets(IYM2023)
13	Expected Outcomes	CO1 Enhanced Entrepreneurial Mindset with innovation CO2 Increased Ability to Generate and Evaluate Business Ideas
15	Connected PO / PSO	1. DESIGN MODEL 2. SOLUTION DEVELOPMENT
16	Justification for PO / PSO [may use separate sheet if necessary]	DESIGN MODEL: Enhancing the attainment of design model skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is essential for fostering innovation and product development. Proficiency in design modeling equips entrepreneurs with the ability to visualize and iterate on product concepts, leading to the creation of user-centric solutions. SOLUTION DEVELOPMENT Enhancing the attainment of solution development skills among participants in "The Bridge Course on Entrepreneurship and Innovation" is crucial for turning innovative ideas into actionable business ventures. Proficiency in solution development enables entrepreneurs to systematically transform concepts into tangible products or services that address identified market needs.
17	Whether feedback forms from audience and resource person is collected?	No
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	No
19	Attainment level of outcomes	M
20	Name of the resource person	8. Smt. Rekha.K 9. Sri. A. S Shiras 10. Sri. K Ramesh Kumar 11. Sri. Subhash Babu K 12. Smt. Smitha 13. Sri. Jomon Thachil, 14. Sri. Premaraj C. C
21	Designation of the resource person(s)	8. Assistant Director MSME-Development & Facilitation Office Thrissur 9. Joint Director of Industries and Commerce - General Manager, District Industries Centre 10. President The North Malabar Chamber of Commerce, Kannur. 11. Managing Director Malabar Innovation Entrepreneurship Zone 12. Industries Extension Officer Payyannur Block 13. Nutrition Counsellor 14. Jana Jyothi Financial Literacy Counsellor, Kannur Centre

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22	Any other relevant information	No
23	Name of the event coordinator(s)	Dr. Raji Sukumar A
24	Dated signature of the coordinator(s)	

COMMENTS FROM PRINCIPAL

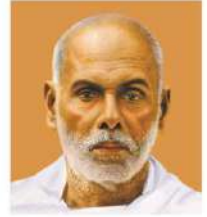
DATED SIGNATURE OF THE PRINCIPAL:


Dr. LEENA A. V.
PRINCIPAL
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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



SOFTWARE INCUBATION CELL

To

The Principal

SreeNarayana Guru College of Engineering & Technology
Payyanur

Sub: Request for permission to start software incubation cell in our collage.

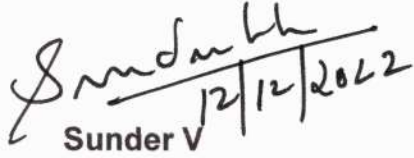
Respected Madam,

On behalf of the Department of Computer Science and Engineering I would like to kindly request to grant permission for starting software incubation cell in our collage. The detailed proposal is attached herewith. I am sure this incubation cell will bring good technical exposure amongst students inside and outside the campus and also bring accolades to the college.

Thanking you,

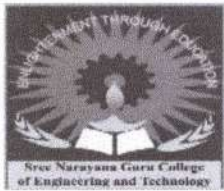
Through,


Veena KK
AP, CSE


Sunder V
HoD, CSE

Respected Principal,
This would add more
advantage to our students,
making them capable of
self learning developing
programming skills. kindly
request you to approve this.


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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT

SOFTWARE INCUBATION CELL

ABOUT

Incubation Centre is a space within the campus for new age entrepreneurs and young minds to transform their innovative ideas into viable business propositions. Cell will ensure that incubates have access to technological assistance which will be generated through mentors with multidisciplinary expertise. It is expected that encouragement for young enthusiasts will be provided with creative pursuits with an inherent zeal to be entrepreneurs to take advantage of this novel initiative. It tend to draw on the resources and expertise of their staff, external consultants, existing entrepreneurs, peer-to-peer networks, and external enterprise support. They tend to operate using mixed revenue streams from rental income and fees or funds. These may be obtained from other private and public sources. It help young entrepreneurs to solve some of the problems commonly associated with running campus start-ups. Active participation in the incubation cell will be an added advantage for the students to nourish various courses in the curriculum.

NEED FOR INCUBATION CENTRE

For entrepreneurs, the start-up stage can be treacherous and exhausting. Business incubators are there to help with the growing pains by providing them with seed money office space, supplies, technologies, office spaces, offer professional services (such as marketing and accounting) and connect company founders with mentors, clients, and venture capital firms. This will set as a base for all the budding entrepreneur.

VISION

- To facilitate budding entrepreneurs by developing a platform to start an IT venture with minimum risks.

MISSION

- To encourage student entrepreneurs to bring out their technical talents by providing a platform for nurturing, encouraging and developing innovation and entrepreneurial skills within the campus.

LONG TERM OBJECTIVES

- To create jobs, wealth and business aligning with national priorities
- To promote new technology/knowledge/innovation based start-ups.
- To provide a platform for speedy commercialization of technologies developed by the host institution or by any academic/technical/R&D institution

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- To build a vibrant start-up ecosystem, by establishing a network between academia, financial institution, industries and other institutions.
- To provide cost effective, value added services to start-ups like mentoring, legal, technical, intellectual property related services.

SHORT TERM OBJECTIVES

- To encourage Entrepreneurship and innovation and incubation of ideas from the students.
- To support the student projects that can be developed into start-ups.
- To conduct technical, business and innovative workshops, boot camps, hackathons in the campus.
- To encourage students to participate entrepreneurial events outside the campus.
- To cater to the projects that solve problems and find solution to local needs (district and state) rather than global problems and needs.
- To facilitate the students to get internships through the companies which are under incubation



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FACULTY INCHARGE



**SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY**
**COMPUTER SCIENCE AND ENGINEERING
DEPARTMENT**

REPORT ON INAUGURAL CEREMONY OF SOFTWARE INCUBATION CELL

The inaugural ceremony on 20th January commenced at 11.30 AM with a warm welcome extended to all attendees by Ms. Veena KK, SIC lab coordinator. The event was graced by the presence of Sri. K P Pavithran (Secretary, SBSY), Sri. T K Rajendran (Vice President, SBSY), Dr Leena A V (Principal, SNGCET), Mr Sunder V (HoD CSE) who have been instrumental in supporting our institution's initiatives.

Mr Sunder V (HoD CSE) delivered an inspiring keynote address that emphasized the role of incubation cells in nurturing young entrepreneurs and driving economic growth. The keynote highlighted the importance of providing a conducive environment for innovation and shared valuable insights on how incubation cells can contribute to the startup ecosystem.

The ceremony also featured an address by Sri. K P Pavithran (Secretary, SBSY), who spoke about the vision behind establishing the Incubation Cell at SNGCET. Sri. T K Rajendran (Vice President, SBSY), underscored the institution's commitment to providing students with the necessary resources, mentorship, and opportunities to transform their innovative ideas into viable businesses.

The event showcased a virtual tour of the Incubation Cell's state-of-the-art facilities, highlighting the various resources available to students, including dedicated workspaces, mentorship programs, access to funding, and networking opportunities.

The inaugural ceremony of the Incubation Cell at SNGCET was a resounding success, reflecting our institution's commitment to nurturing the entrepreneurial spirit within our students. The event provided a platform for meaningful discussions, networking, and inspiration, setting the stage for the Incubation Cell to become a hub of innovation and creativity.

Dr. LEENA A. V.
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Leena

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

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



WORKSHOP on Poster Design

BECOME A CANVA EXPERT



Ms. Anamika Sureshbabu

Lab Instructor



**Monday,
18-09-2023**



Project Lab



10.00 AM

Event Co-ordinator

Mr. Nishanth KP

Technical Assistant



www.sngcet.ac.in



info@sngcet.ac.in

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

EVENT PROPOSAL FORM

Submitted by the department of: COMPUTER SCIENCE AND ENGINEERING

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

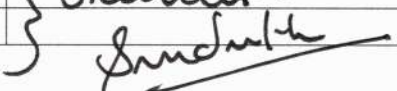
1	Event type	WORKSHOP
2	Event name	WORKSHOP ON POSTER DESIGN
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	NO
4	Mode of conduct [online / offline]	OFFLINE
5	Date and time	18/09/2023, 10:00 AM to 4:00 PM
6	Venue	SIC LAB
7	Whether any professional body is associated with the event? If yes, name the body	NO
8	Participants / Target Audience	CSE STUDENTS
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 introduce students to the fundamental principles of poster design. • To empower students with the practical skills needed to create compelling posters using CANVA.
11	Expected Outcomes	• Students will master design principles for impactful posters. • Students will create engaging posters using CANVA.
12	Connected PO / PSO	PO1-ENGINEERING KNOWLEDGE PO-6- THE ENGINEER AND SOCIETY P12-LIFE LONG LEARNING
13	Justification for PO / PSO [may use separate sheet if necessary]	1) PO1- ENGINEERING KNOWLEDGE: - The workshop equips students with practical skills in utilizing CANVA for poster design, enhancing their knowledge of graphic design

PAGE 1 OF 2

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		2) PO6: - THE ENGINEER AND SOCIETY: -This workshop provides students the ability to create posters that effectively communicate project reports and engage with societal contexts, fostering responsibility towards society through visual communication. 3) PO12-LIFE LONG LEARNING: - The workshop facilitates lifelong learning by arming participants with the skills to embrace evolving design software like CANVA, enabling continual enhancement of their poster design abilities throughout their careers.
14	Name of the resource person(s)	Ms. ANAMIKA SURESHBABU
15	Designation of the resource person (may attach separate sheet to indicate the profile)	LAB INSTRUCTOR SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
16	Resource requirements	• SYSTEM • PROJECTOR • MIKE • HARDWARE COMPONENTS
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)	NA
19	Any other relevant information	NIL
20	Name of the event coordinator(s)	Mr. NISHANTH KP / Mrs. Veena .K.K
21	Dated signature of the coordinator(s)	

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	Highly relevant
2	Recommendation [Put a tick ✓ on whichever is applicable]	Recommended ✓ Not Recommended
3	Name	Sunder. ✓
4	Dated Signature	

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED


DATED SIGNATURE OF THE PRINCIPAL:

PAGE 2 OF 2

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**SREE NARAYANA GURU
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PAYYANUR**

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



**A Report On Poster Design Workshop
"Become a Canva Expert"
Venue: Project Lab**

DATE : 18/09/2023

On 18th September 2023, a workshop on poster designing and becoming a Canva expert was conducted at the Project Lab of Sree Narayana Guru College of Engineering and Technology. The event aimed to equip participants with the skills necessary to create visually appealing posters using Canva, a popular graphic design platform. Ms. Anamika Sureshbabu, the lab instructor, spearheaded the workshop with Mr. Nishanth KP, the technical assistant, serving as one of the event coordinators.

The workshop commenced at 10:00 AM with an introduction by Ms. Anamika Sureshbabu, who outlined the objectives and structure of the session. Participants were introduced to the fundamentals of poster designing, including layout, typography, color theory, and visual hierarchy.

The workshop encouraged active participation, with attendees posing questions, seeking clarifications, and sharing insights. Ms. Anamika and Mr. Nishanth provided personalized guidance and feedback, fostering a collaborative learning environment.

The workshop concluded with a recap of key takeaways and resources for further learning. Participants expressed appreciation for the hands-on experience and the practical skills gained during the session. Ms. Anamika Sureshbabu, Mr. Nishanth KP, and the organizing team were commended for their efforts in facilitating a successful and enriching workshop.



Ms. Anamika sureshbabu interacting with students

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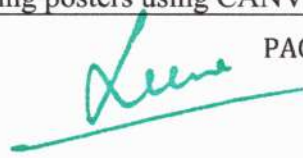
POST EVENT ANALYSIS FORM

Submitted by the department of: **COMPUTER SCIENCE AND ENGINEERING**

TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	WORKSHOP
2	Event name	WORKSHOP ON POSTER DESIGN
3	Date and time of the event conducted	18/09/2023, 10:00 AM to 4:00 PM
4	Venue	SIC LAB
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	CSE STUDENTS
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 introduce students to the fundamental principles of poster design. - To empower students with the practical skills needed to create compelling posters using CANVA.
13	Expected Outcomes	- Students will master design principles for impactful posters. - Students will create engaging posters using CANVA.

PAGE 1 OF 2


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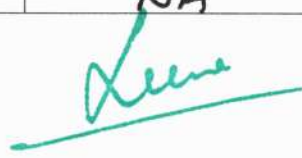
15	Connected PO / PSO	PO1-ENGINEERING KNOWLEDGE PO-6- THE ENGINEER AND SOCIETY P12-LIFE LONG LEARNING
16	Justification for PO / PSO [may use separate sheet if necessary]	1) PO1- ENGINEERING KNOWLEDGE: - The workshop equips students with practical skills in utilizing CANVA for poster design, enhancing their knowledge of graphic design tools and techniques. 2) PO6: - THE ENGINEER AND SOCIETY: - This workshop provides students the ability to create posters that effectively communicate project reports and engage with societal contexts, fostering responsibility towards society through visual communication. 3) PO12-LIFE LONG LEARNING: - The workshop facilitates lifelong learning by arming participants with the skills to embrace evolving design software like CANVA, enabling continual enhancement of their poster design abilities throughout their careers.
17	Whether feedback forms from audience and resource person is collected?	YES
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	YES
19	Attainment level of outcomes	NO
20	Name of the resource person	Ms. ANAMIKA SURESHBABU
21	Designation of the resource person(s)	LAB INSTRUCTOR SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
22	Any other relevant information	NIL
23	Name of the event coordinator(s)	Mr. NISHANTH KP / Mrs. Veena. K. K
24	Dated signature of the coordinator(s)	

I. 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	NA

PAGE 2 OF 2


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3	Registration form sample copy	NA
4	All registration forms duly filled and signed	NA
5	Profile of the resource person(s)	NA
6	Feedback forms filled by participants and resource person	Yes
7	Feedback analysis sheet	Yes
8	CO attainment calculation sheet	Yes
9	Study Materials (if any)	NA
10	Letters or printouts of e-mail communication relevant to the event	NA
11	Documents related to professional body associated with the event	NA
12	Photographs of the event	Yes

1	Comments about the conduct of the event	Hands on session was ^{good}
2	Comments about the resource person and impact of the event	In house resource person
3	Name	Sunder. V
4	Dated Signature	Sunder. V

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

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

COMPUTER SCIENCE AND ENGINEERING DEPARTMENT **SOFTWARE INCUBATION CELL**

Sree Sundareshwara Matrimony

1. Introduction

1.1 Purpose

The purpose of this document is to outline the requirements for the development of a matrimony website. It defines the features, functionalities, and constraints of the system to be developed.

1.2 Scope

The matrimony website allows users to register, create profiles, search for other users based on various criteria, interact with other users through friend requests and chat, and manage their subscription. The website aims to provide a platform for individuals seeking matrimonial connections.

2. System Description

The matrimony website will consist of the following modules:

- User Registration
- Profile Management
- Subscription and Access Control
- Search Functionality
- Document Upload
- Subscription Management
- Notification System
- Admin Panel

3. Functional Requirements

3.1 User Registration

- Allow users to register with a unique username and password.
- Require mobile number verification during registration.

3.2 Profile Management

- Redirect registered users to their profile page to input additional information.
- Categorize profile into public and private sections, with private information requiring approval.
- Allow users to edit their details and upload profile and additional photos.
- Enable users to set profile picture visibility (public or only to registered users).

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3.3 Subscription and Access Control

- Grant access to registered users with an active subscription.
- Allow subscribed users to access site functions.
- Provide an option for users to display their name and picture only to subscribed users or to all.

3.4 Interaction Features

- Allow users to send friend requests, accept or reject requests, and manage a friend list.
- Enable users to block other users and manage a blocked list.
- Implement a chat feature with the option to communicate without displaying contacts.

3.5 Search Functionality

Allow users to search for specific users by name or apply filters based on criteria like age group.

3.6 Document Upload

Provide users with an option to upload documents such as birth certificates or religious papers (optional).

3.7 Subscription Management

- Offer subscription for a 3-month period with a fee.
- Notify users before the subscription renewal date.
- Block site access for users who fail to recharge after the renewal date.
- Delete users from the database if they repeatedly fail to pay.

3.8 Notification System

- SMS for email or verification
- Email notifications to users for updates.

4. Non-Functional Requirements

4.1 Security

- Implement secure user authentication and data encryption.
- Ensure user data privacy and protection.

4.2 Performance

- Ensure fast loading times for profile pages and search results.
- Handle concurrent user interactions efficiently.

4.3 Scalability

- Design the system to handle a growing user base.
- Ensure that performance remains consistent with increased usage.

4.4 Reliability

- Minimize downtime and ensure system availability.
- Implement backup and recovery procedures to prevent data loss.



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4.5 User Experience

- Design an intuitive user interface for easy navigation and interaction.
- Ensure compatibility across different devices and browsers.

4.6 Compliance

Comply with relevant regulations regarding user data protection and privacy.

4.7 Admin Panel

Provide administrators with tools to manage users, subscriptions, and site functionality efficiently.

4.8 Technology Stack

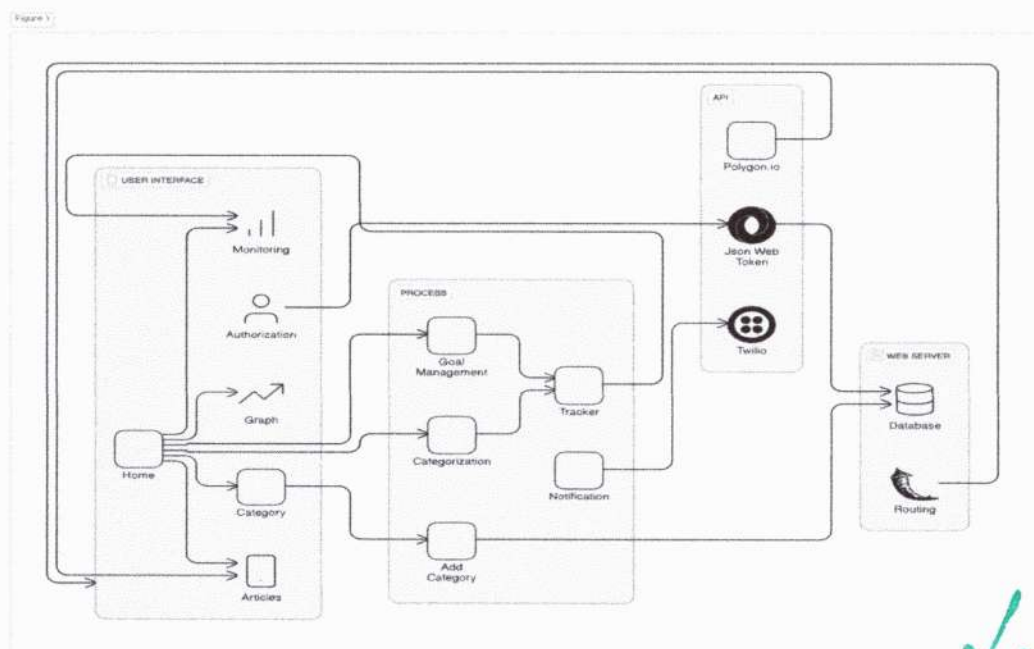
- Utilize HTML, CSS, and JavaScript for front-end development.
- Use Python with Flask for backend development.
- Employ SQLite3 through SQLAlchemy for the database.

5. Glossary

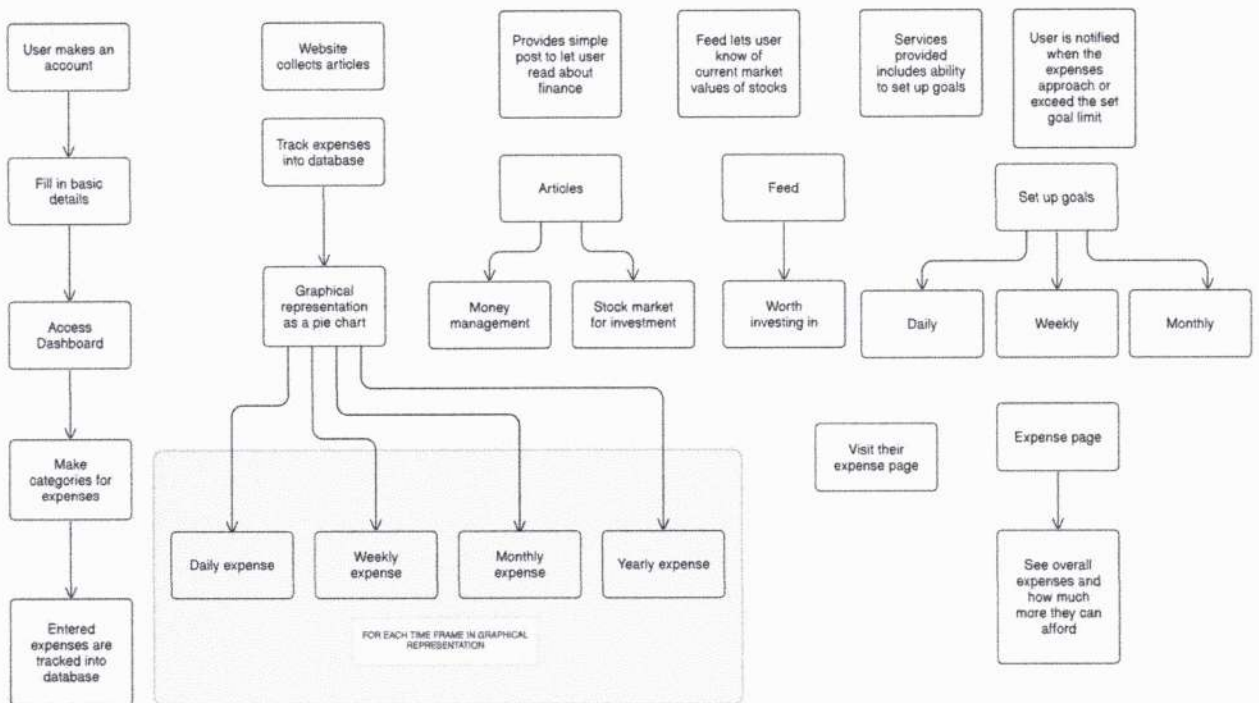
- SRS: Software Requirements Specification
- SMS: Short Message Service
- HTML: Hyper Text Markup Language
- CSS : Cascading Style Sheet

6. Revision History

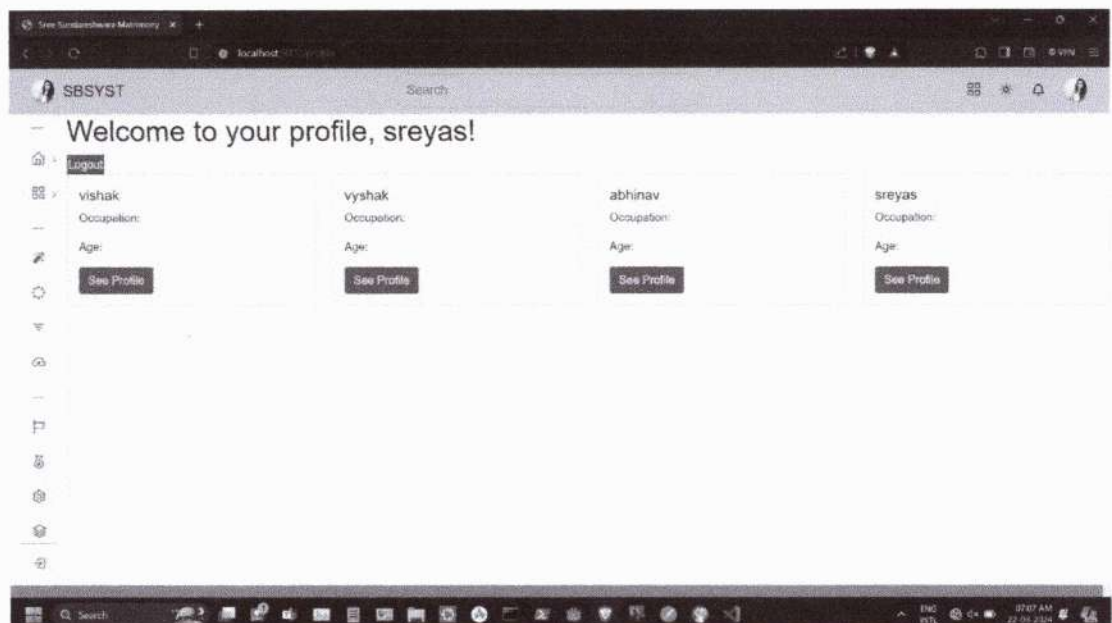
Version 1.0: Initial version of the SRS document.



Leena
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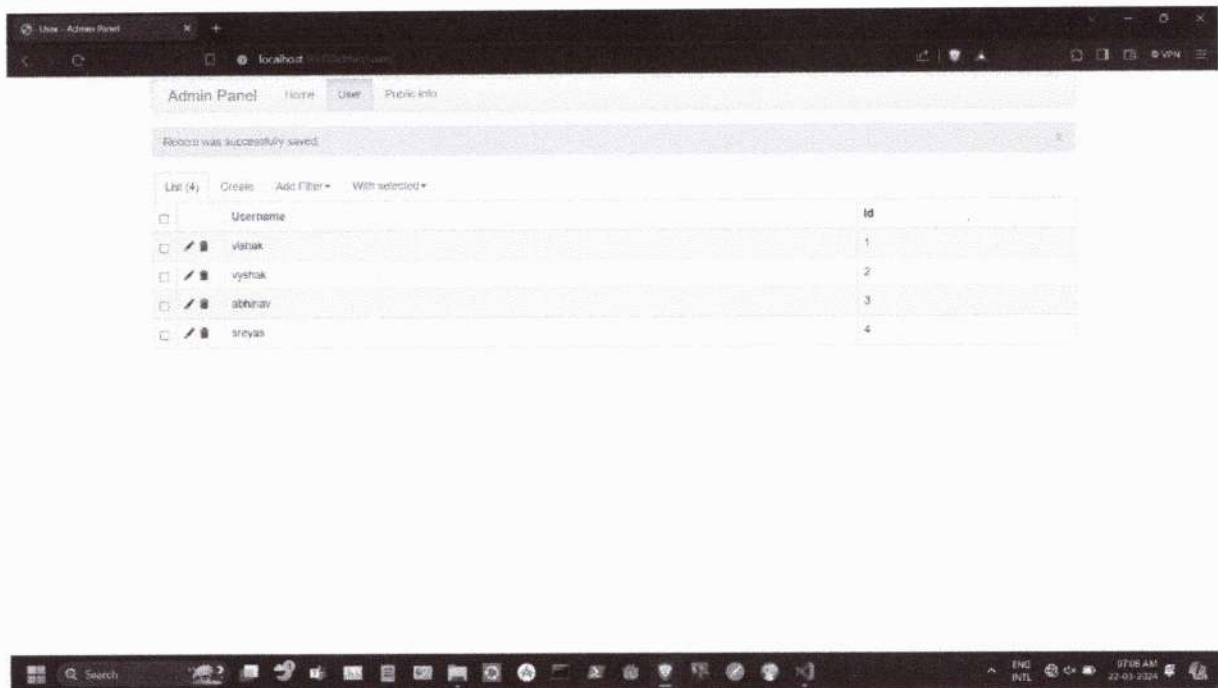


SCREENSHOTS



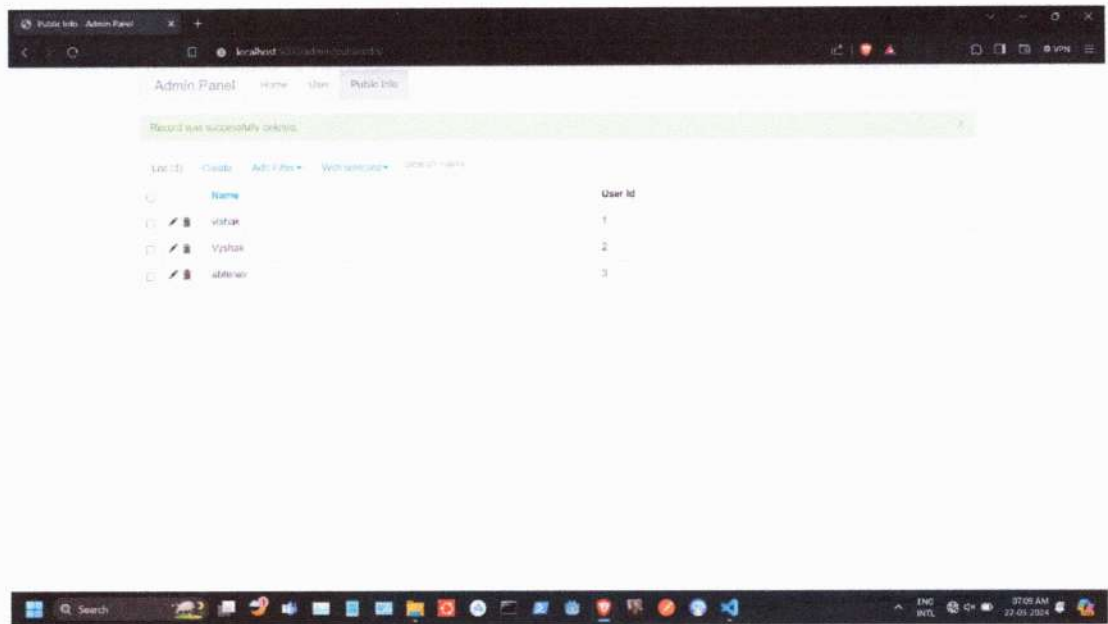
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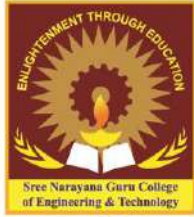
- INTERACTION WITH THE MANAGEMENT TEAM -

STUDENTS WORKING ON IT

- VyshakUmeshan
- Vishak KR
- Sreyas Krishnan
- Sarang V

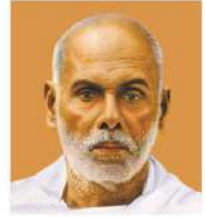
Leena

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PRINCIPAL
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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



LED MANUFACTURING UNIT

To

The Principal
Sree Narayana Guru College of Engineering and Technology
Payyanur

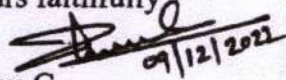
Sub: Request for permission to start incubation center - reg.

Respected Madam,

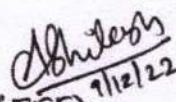
On behalf of the Department of Electrical and Electronics Engineering I would like to kindly request to grant permission for starting an incubation center with respect to LED Bulb manufacturing unit. The detailed proposal is attached herewith. I am sure this incubation center will bring good technical exposure amongst students inside and outside the campus and also bring accolades to the college.

Thanking you

Yours faithfully


Manu C
Assistant Professor
EEE Department

Through,


The HoD (EEE) 9/12/22

Encl:

1: Detailed Proposal

Forwarded to the Secretary
Santhosh Sir,
12/12/2022
The matter was discussed
last visit of the management
to college. (on 01/12/22).
Sir, had informed to submit a
proposal. kindly see the
attached estimation. Request for
grant permission for
same
9/12/22

ESTIMATION

SL NO	ITEMS	QTY	RATE	TOTAL
1	9W HPF 57MM LED BULB RAW MATERIALS WITH B22 CAP	100	50	5000
2	TIKKI PUNCHING MACHINES	1	4000	4000
3	CRIMPING TOOL (12 PIN) A GRADE	1	2000	2000
4	HEAT COMPOUND	500 KG	800	800
5	LEAD 18 SWG	500 KG	1200	1200
6	LEAD 22 SWG	10	130	1300
7	SOLDERING IRON-SOLDRON 25 W	5	320	1600
8	BULB COVER 57 MM	50	4.5	225
9	WIRE CUTTER	5	100	500
10	SOLDERING STAND	5	180	900
11	SOLDERING PASTE	5	15	75
12	SOLDERING WICK	10	15	150
13	COMBINATION PLIER	1	150	150
14	LINE TESTER- TAPARIA	2	75	150
15	SCREW DRIVER STAR SMALL	10	80	800
16	SCREW DRIVER MINUS SMALL	2	80	160
17	2-IN-1SCREWDRIVER (PLUS/MINUS) STANDARD SCREWDRIVER SET	1	150	150
18	OPERATING ROOM	1	-	-
19	TABLE AND CHAIR	4 EACH	-	-
TOTAL				19160

Leena

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KANNUR



INAUGURAL CEREMONY

20th January 2023, 11:30 AM

Software Incubation Cell

Sri. K. P. BALAKRISHNAN

(President, SBSY)



LED Bulb Manufacturing Unit



Sri. K. P. PAVITHRAN

(Secretary, SBSY)

Mechanical Engineering Lab

Sri. T. K. RAJENDRAN

(Vice President, SBSY)



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

Korom, Chalakode P.O., Payyanur, Kannur - 670307

Managed by Sree Bhakthi Samvardhini Yogam, Talap, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE



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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

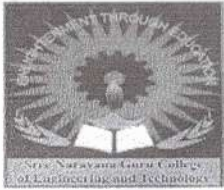
LED Bulb Manufacturing Unit

LED (Light Emitting Diodes) are the latest and most exciting technological advancement in the lighting industry. LEDs are small, solid light bulbs which are extremely energy efficient and long lasting. LEDs operate differently than traditional incandescent light bulbs. This makes LEDs far more rugged and durable than traditional incandescent light bulbs. LEDs are extremely energy efficient and consume **up to 90% less** power than incandescent bulbs with much lower greenhouse gas emission. LED lamps have a lifespan many times longer than equivalent incandescent lamps. LED bulbs are the best-suited way to save electricity and have a better quality light source at a reasonable rate. They are the future of lighting systems and have great demand thus, starting the LED bulb manufacturing business can be profitable as a business venture.

The **Department of Electrical and Electronics Engineering** familiarize the students with the practical aspects of this important technology and provide valuable hands-on experience.

The aim & scope of this training to empower students with technical skills needed for industry as well as day-to-day life. It would also enhance the employability of students. And also which makes a major step to sensitize students towards green technologies and make students socially responsible.

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ELECTRICAL AND ELECTRONICS ENGINEERING DEPARTMENT

Business Setup for LED Lighting Assembly

Light-emitting diodes (LEDs) are semiconductor devices that emit visible light when electric current passes through them. Compared to conventional lighting systems, these are smaller, have a longer operating life and involve a lower cost of ownership. Available in a wide range of colours, LED light bulbs are more durable and offer comparable or better light quality than other types of lighting.

LED bulbs produce light approximately 90% more efficiently than incandescent bulbs. These bulbs are based on solid state lighting, which emits the light from semiconductor chip, thereby generating lesser heat than incandescent bulbs. The useful life of these lamps is defined differently than other light sources such as compact fluorescent light or incandescent bulbs.

Residential LED lights, especially Energy Star rated products, consume at least 75 per cent less energy and last 25 times longer than incandescent lights. These also use significantly less power—a typical 84-watt fluorescent light can be replaced with a 36-watt LED to give the same level of light output.

Process

LED-based lighting system cum LED lamp assembly consists of the following steps:

1. Procure/import milliwatt-rated LED chips, circuit and other mounting devices
2. Embed milliwatt-rated LED chips on the PCB board with the rectifier circuit, filter circuit, etc


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3. Fit the PCB board with a holder cap and plastic modules fitted with Smokey reflector to form a compact unit
4. Test the assembled LED lighting system and package

Raw materials

For assembly of LED-based lighting systems up to 10W you may require:

1. LED chips
2. Rectifier circuit with filter
3. Heat-sink devices
4. Metallic cap holder
5. Plastic body
6. Reflector plastic glass
7. Connecting wire
8. Soldering flux
9. Miscellaneous items
10. Packaging material

Equipment required

LED light manufacturing or assembly is a complex process. Machines need to be selected on the basis of the specific LED type that is being produced and the raw material being used. However, major machines include:

1. LED PCB assembly machine
2. LED lights assembly machine
3. High-speed LED mounting machine
4. LED chip SMD mounting machine
5. Candlelight assembly machine for LED
6. LED tubelight assembly machine



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Other equipment that may be required:

1. Soldering machine
2. Sealing machine
3. Small drilling machine
4. Packaging machine
5. LCR meter
6. Digital multimeter
7. Continuity tester
8. Lux meter
9. Oscilloscope

Pollution control requirements

The following steps may help to control pollution wherever applicable:

1. Fumes and gases are released during hand soldering/wave soldering/dip soldering, which are harmful to people as well as the environment and end products. Alternative technologies may be used to phase-out the existing polluting technologies. Numerous new fluxes have been developed, which contain 2-10 per cent solids as opposed to the traditional 15-35 per cent solids.

2. CFCs, carbon tetrachloride and methyl chloroform are used for cleaning of printed circuit boards after assembly to remove flux residues left after soldering and various kinds of foams for packaging. Many alternative solvents could replace CFC-113 and methyl chloroform in electronics cleaning. Other chlorinated compounds such as trichloroethylene, per chloroethylene and methylene chloride have been used as effective cleaners in the electronics industry for many years. Other organic solvents such as ketenes and alcohols are effective in removing both solder fluxes and many polar contaminants.

LED light manufacturing business registration

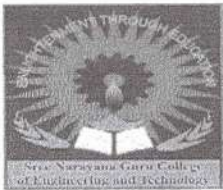
The entrepreneur needs to obtain following registrations and licences from government authorities:

1. Company registration
2. Trade licence from municipal authority
3. Udyog Aadhaar MSME registration
4. BIS certification
5. Bureau of Energy Efficiency certification
6. NOC from Pollution Control Board
7. GST registration

However, specific licence and registration requirements will depend on the manufacturing process and the type of LED light that is being produced.



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TECHNOLOGY

**ELECTRICAL AND ELECTRONICS ENGINEERING
DEPARTMENT**

LED MANUFACTURING UNIT

SHORT TERM GOALS

1. To conduct One day workshop on Soldering and practice so as to train students for manufacturing LEDs for 2nd, 3rd and Final year Students of SNGCET
2. To Conduct Training on LED manufacturing for 2nd, 3rd and Final year Students of SNGCET
3. To conduct Training workshop on one / 2 day for School Students, ITI students nearby the institution
4. To conducting training for kudumbasree unit for 10 days
5. Existing system can be used for manufacturing 7W,12W &15W Bulbs, Inverter Bulb of 9W

LONG TERM GOALS

1. To Conduct Internship Training for KTU students
2. To manufacture Bulbs for other Company like LUKER,BARCH,ACE..etc
3. To supply LED bulbs with meeting quality at Reasonable price out side the institution
4. To promote R&D in LED Manufacturing Technology

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TECHNOLOGY

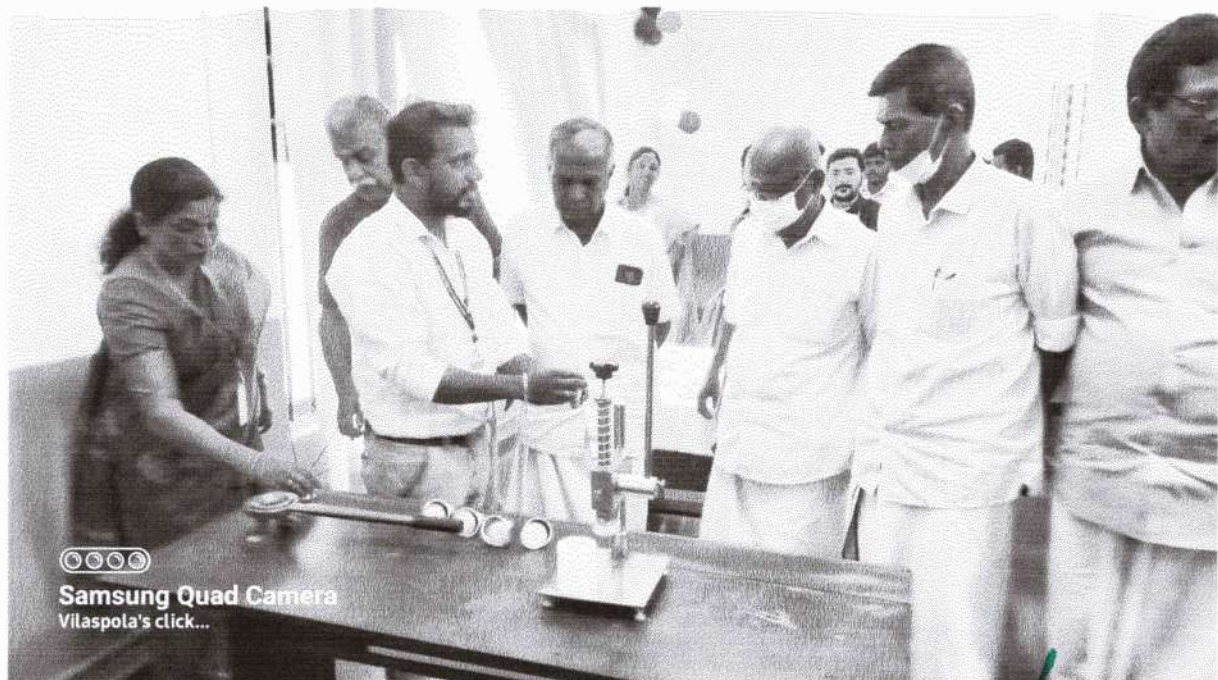
**ELECTRICAL AND ELECTRONICS ENGINEERING
DEPARTMENT**

LED BULB MANUFACTURING UNIT

LED bulb manufacturing unit inaugurated on 20th January, at 11.30am by the secretary Sri K.P. Pavithran (Secretary SBSY). The event was also graced by the presence of Sri. T K Rajendran (Vice President, SBSY), Dr Leena A V(Principal, SNGCET), Mr.Abhilash Krishnan T K (HoD EEE) who have been instrumental in making this LED manufacturing unit true. Mr. Manu C, Assistant Professor (EEE), welcomed all to the inaugural ceremony. Mr.Abhilash Krishnan T K (HoD EEE) delivered an inspiring keynote address that emphasized the role of incubation cell in nurturing young entrepreneurs and driving economic growth.

The ceremony also featured an address by Sri. K P Pavithran (Secretary, SBSY), who spoke about the vision behind establishing the Incubation Cell at SNGCET. Sri. T K Rajendran (Vice President, SBSY), the institution's commitment towards students in providing them with the necessary resources, mentorship, and opportunities to transform their innovative ideas into viable business. The unit will provide a platform for students study LED Bulb manufacturing and start a new start up.

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Leena

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PRINCIPAL
 K. S. N. M. A. GURU COLLEGE OF
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Leena

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Payyanur, Kannur, Kerala, Pin-670307

Promoted by Sree Bhakthi Samvardhini Yogam, Kannur

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Office-04985-201989, 7812911912 Email-info@sngcet.org

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LED BULB MANUFACTURING TRAINING

For all EEE Students

on March 22, 2023

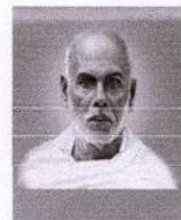
Venue : LED Bulb Manufacturing unit

Time : 09.30 AM



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

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



DESIGN AND FABRICATION OF LED BULBS

Agenda

Prayer

Welcome Address

Mr. Abhilash Krishnan T K, Associate Professor, HoD EEE

Principal's Address

Dr. Leena A. V

Felicitation

Mr. Manu C, Assistant Professor, EEE Department

Vote of Thanks

Mr. Hrishikesh P V,

Date: 22-03-2023

Time: 9.30 am

Venue: LED Bulb, Manufacturing Unit

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EVENT PROPOSAL FORM

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

1	Event type	WORKSHOP
2	Event name	LED BULB MANUFACTURING TRAINING
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No, Electrical And Electronics Engineering
4	Mode of conduct [online / offline]	Offline
5	Date and time	22-03-2023 09:30am – 03:45pm
6	Venue	LED Manufacturing Room
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	All EEE students
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	Yes EST 130
10	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs.

PAGE 1 OF 2

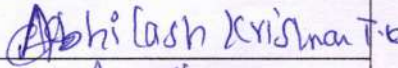
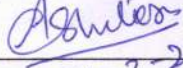
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		2. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. 3. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 4. Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
11	Expected Outcomes	The students should be able to make LED bulbs
12	Connected PO / PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
13	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
14	Name of the resource person(s)	Mr. Manu C(AP EEE)
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Asst. Professor , SNGCET
16	Resource requirements	1. Tools Required • Tikki punching machines • Crimbing tool • Screw driver • Cutter • Multimeter

		• Plier • Tester • Soldering Iron Soldering Lead • Flex • Soldering stand 2. Raw Materials • 9W LED HPF driver • Diffuser • Aluminium case • B22 cap • Alumini plate • LED chip 3. Presentation materials • MS Power point Presentation 4. Documentation: • Cameras and recording equipment for documenting the program. • Photographers and videographers if necessary. 5. Transportation and Accommodation: • If required, arrangements for the resource person's transportation and accommodation. 6. Registration and Feedback System: • Registration desk and materials for participants. • Feedback forms and data collection tools for evaluation. 7. Budget Allocation: • Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. 8. Cleaning and Maintenance: • Cleaning services for the venue before and after the event. • Maintenance services for technical equipment. 9. COVID-19 Precautions: • Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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	No

	the estimated budget)	
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Mr. Manu C
21	Dated signature of the coordinator(s)	

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	
2	Recommendation [Put a tick ☐ on whichever is applicable]	Recommended Not Recommended
3	Name	
4	Dated Signature	 20-3-23

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


20/3/23
Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR



Est. 2003

Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LED BULB MANUFACTURING TRAINING PROGRAM REPORT

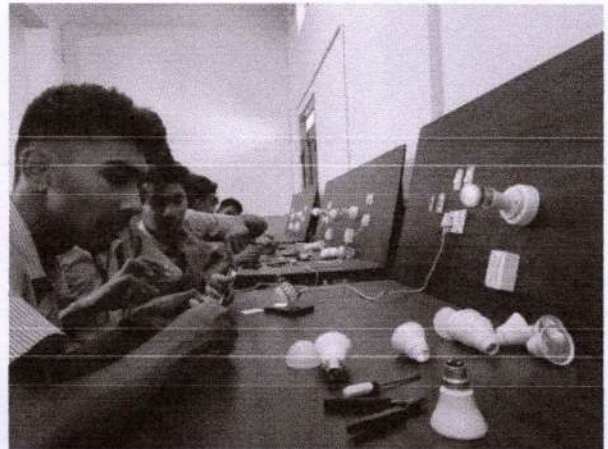
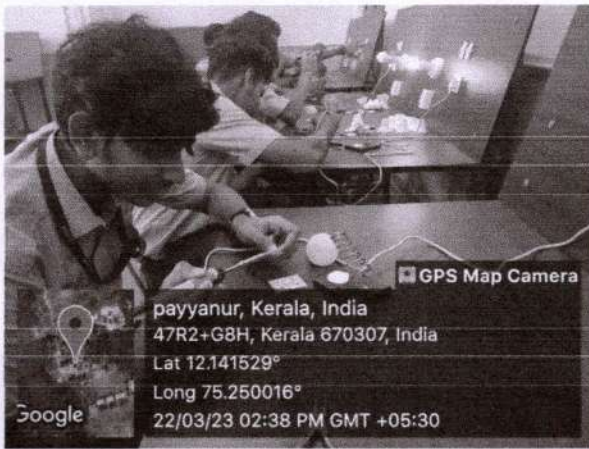
The Department of Electrical and Electronics Engineering conducted one day LED manufacturing training session for students of Electrical and Electronics Engineering on 22/03/2023 in association with Department of EEE. A Total of 24 students participated in the training session. The students gained hands on experience in manufacturing LED bulb.

The event was inaugurated by Dr. Leena A V, Principal, SNGCET. Welcome addresses were delivered by Mr. Abhilash Krishnan (HoD, EEE). Mr. Manu C (AP, EEE) delivered felicitation speech and Mr. Hrishikesh PV, student co coordinator delivered vote of thanks. The training session was concluded at 3.45pm.



Co-ordinator

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

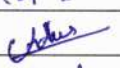
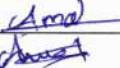
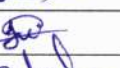
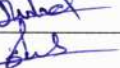
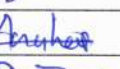
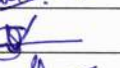
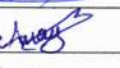
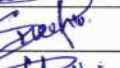
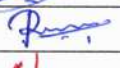
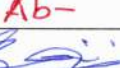


[Signature]
Coordinator

[Signature]

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

List of Students enrolled and attended

Sl. No.	Name of students	Signature
1	ABHINAV C	
2	ASWATHI K	
3	HRIDUL RAGH	
4	ADHIN O	
5	AMAL KP	
6	ANURAJ N	
7	HRISHIKESH PV	
8	NIHAD T	
9	SHINOY BIJU	
10	ANUSH JYOTHI	
11	DEVI KEERTHANA TP	
12	VAISHNAV TV	
13	VISHAL K	
14	ADITHYA K	
15	AKSHAY K V	
16	AMAYA AJITH T	
17	ANUVIND N.K	
18	DIYA K C	
19	GAZAL V	
20	MEGHITH SUKUMARAN	
21	MUHAMMED SHAFNAS K	
22	PRANAV M P	
23	SANGEETH CV	- Ab -
24	SHREYAS MANOHARAN	
25	SOUVIND PADENI	


Mamcc
(coordinator)


HOD


DR. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

PRINCIPAL



ESTD 2003

SREE NARAYANA GURU COLLEGE of ENGINEERING & TECHNOLOGY

Promoted by : Sree Bhakthi Samvardhini Yogam, Kannur
Affiliated to APJ Abdul Kalam Technological University (KTU) & Recognised by AICTE, New Delhi



CERTIFICATE OF PARTICIPATION

This certificate is presented to

DEVI KEERTHANA T P

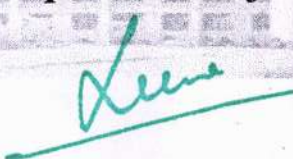
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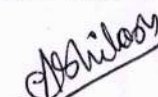
SNGCET- PAYYANUR

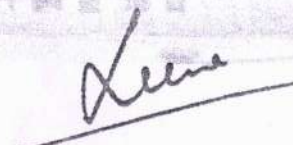
for participating in the training on
“LED BULB MANUFACTURING”
dated 22th March 2023

Organized by
Department of Electrical & Electronics Engineering


COORDINATOR


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


HOD
(EEE)


PRINCIPAL



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

POST EVENT ANALYSIS FORM

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

1	Event type conducted	WORKSHOP
2	Event name	LED BULB MANUFACTURING TRAINING
3	Date and time of the event conducted	22.03.2023 09:30am – 03:45pm
4	Venue	LED MANUFACTURING ROOM
5	Whether the event was interdepartmental? If yes, mention the department(s) Associated with	NO. Electrical and Electronics Engineering
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	All EEE students



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

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, Skill development
12	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. 2. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. 3. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 4. Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
13	Expected Outcomes	Hands on experience in making LED bulbs
15	Connected PO /PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
16	Justification forPO/PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
17	Whether feedback forms from audience and resource personis collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	
20	Name of the resource person	Mr. Manu C(AP EEE)
21	Designation of the resource person(s)	Asst. Professor , SNGCET
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Mr. Manu C(AP EEE)
24	Dated signature of the coordinator(s)	 29/2/25


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

PAGE2OF2

II. **TO BE FILLED BY THE DEPARTMENT HOD** (anyone 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	No
4	All registration forms duly filled and signed	No
5	Profile of the resource person(s)	Yes
6	Feedback forms filled by participants and resource person	No
7	Feedback analysis sheet	No
8	CO attainment calculation sheet	No
9	Study Materials (if any)	No
10	Letters or printouts of e-mail communication Relevant to the event	Yes
11	Documents related to professional body associated with the event	Yes



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

PAGE 3 OF 2

12	Photographs of the event	Yes
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1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Abhilash Krishnan T.K
4	Dated Signature	<i>Abhilash</i> 25/3/23

COMMENTS FROM PRINCIPAL

DATEDSIGNATURE OFTHEPRINCIPAL:

Leena
25/3/23

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY



Payyanur, Kannur, Kerala, Pin-670307

Promoted by Sree Bhakthi Samvardhini Yogam, Kannur

Affiliated to APJ Abdul Kalam Technological University & Approved by AICTE, New Delhi

www.sngcet.ac.in

Email-info@sngcet.ac.in

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Presents Five days Training Programme
on

LED BULB MANUFACTURING TRAINING PROGRAM

Participants all Students

From 12/02/2022 to 16/02/2022

Venue : Power Electronics Lab

 : 09.00 am to 04.00 pm

Staff Coordinator

Mr. Manu C
Assistant Professor
Department of EEE

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

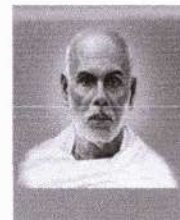
Student Coordinator

Ms. Anusha Jyothi
S6- EEE
Department of EEE



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

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



BULB MANUFACTURING TRAINING PROGRAMME

Agenda

Prayer

Welcome Address

Mr. Abhilash Krishnan T K, AP EEE

Inaguration

Prof.Raveendran K.,HOD EEE

Felicitation

Mr.Manu C. (AP EEE)

Vote of Thanks

Ms. Anusha Jyothi (S6 EEE)

Date: 12-02-2022

Time: 9.00am

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

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

1	Event type	Workshop
2	Event name	LED BULB MANUFACTURING TRAINING
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	12-02-2022 to 16-02-2022 09:00am – 04:00pm
6	Venue	Power Electronics Lab
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	All students
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	Yes EST 130
10	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. 2. Skill Enhancement: Enhance students' skills and

PAGE 1 OF 2

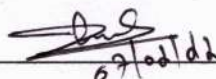
Dr. LEENA A. V.
PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY, PAYYANUR
 KANNUR

		creativity by encouraging participation in training sessions.. 3. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 4. Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
11	Expected Outcomes	The students should be able to make LED bulbs
12	Connected PO / PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
13	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
14	Name of the resource person(s)	Mr. Manu C(AP EEE)
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Asst. Professor , SNGCET
16	Resource requirements	1. Tools Required • Tikki punching machines • Crimbing tool • Screw driver • Cutter • Multimeter • Plier

		• Tester • Soldering Iron Soldering Lead • Flex • Soldering stand 2. Raw Materials • 9W LED HPF driver • Diffuser • Aluminium case • B22 cap • Alumini plate • LED chip 3. Presentation materials • MS Power point Presentation 4. Documentation: • Cameras and recording equipment for documenting the program. • Photographers and videographers if necessary. 5. Transportation and Accommodation: • If required, arrangements for the resource person's transportation and accommodation. 6. Registration and Feedback System: • Registration desk and materials for participants. • Feedback forms and data collection tools for evaluation. 7. Budget Allocation: • Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. 8. Cleaning and Maintenance: • Cleaning services for the venue before and after the event. • Maintenance services for technical equipment. 9. COVID-19 Precautions: • Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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)	No



PAGE 3 OF 2

19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Mr. Manu C(AP EEE), Ms. Anusha Jyothi (S6 EEE)
21	Dated signature of the coordinator(s)	 6/12/22

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	
2	Recommendation [Put a tick ☐ on whichever is applicable]	Recommended Not Recommended
3	Name	Prof. Ravendran K
4	Dated Signature	 7/2/22

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL:

APPROVED / NOT APPROVED


7/2/22

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON LED BULB MANUFACTURING TRAINING PROGRAM

The Department of Electrical and Electronics Engineering conducted Five days **LED Bulb manufacturing training program** for all students from 12/02/2022 to 16/02/2022. A Total of 09 students participated in the training session. The students gained hands on experience in manufacturing LED bulb.

The event was inaugurated by Prof. Raveendran K, (HoD, EEE). Welcome address was delivered by Mr. Abhilash Krishnan, Professor, EEE. Mr. Manu C (Coordinator) Assistant Professor, EEE delivered felicitation speech and Mr. Anusha jyothi, student coordinator delivered vote of thanks. The inaugural session concluded at 10:00 a.m., after which the training session started.

Participants gained insights into the principles of LED operation, various types of LEDs, their applications, and the overall LED manufacturing process. Fundamental soldering skills were imparted, covering solder types, techniques, equipment, and safety precautions. Participants engaged in hands-on soldering practice to develop proficiency. The program delved into the intricacies of LED assembly, including PCB preparation, solder paste application, pick and place processes, and reflow soldering techniques. Practical sessions allowed participants to apply their knowledge directly.



Leena

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

SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY			
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
LED BULB MANUFACTURING TRAINING PROGRAM			
Registration Form			
Date: 12/02/2022 to 16/02/2022		Venue: Led Bulb Manufacturing Unit	
Sl.No	Name of Students	Semester	Branch
1	ANUSHA JYOTHI	S6	EEE
2	DEVI KEERTHANA	S6	EEE
3	NIHAD T	S2	EEE
4	ANURAJ N	S2	EEE
5	ADHIN O	S2	EEE
6	SHINOY BIJU	S2	EEE
7	ASWANTH VALSAN	S8	EEE
8	ARJUN SHYLESH	S4	ME
9	ASHISH K	S4	ME
10	DHEERAJ K V	S4	ME

Co-ordinator

Leena

Immer Hop(EEE)

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



SREE NARAYANA GURU COLLEGE of ENGINEERING & TECHNOLOGY

Promoted by : Sree Bhakthi Samvardhini Yogam, Kannur
Affiliated to APJ Abdul Kalam Technological University (KTU) & Recognised by AICTE, New Delhi



CERTIFICATE OF PARTICIPATION

This certificate is presented to

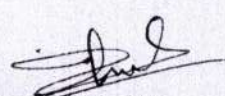
ANUSHA JYOTHI

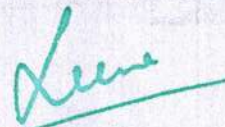
of

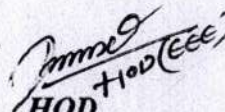
SNGCET- PAYYANUR

for participating in the training on
"LED BULB MANUFACTURING TRAINING PROGRAM"
dated 12-02-2022 to 16-02-2022

Organized by
Department of Electrical & Electronics Engineering


COORDINATOR


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


HOD
(EEE)


PRINCIPAL



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

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

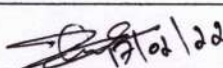
1	Event type conducted	Workshop
2	Event name	LED BULB MANUFACTURING TRAINING
3	Date and time of the event conducted	12-02-2022 to 16-02-2022 09:00am – 04:00pm
4	Venue	Power Electronics Lab
5	Whether the event was interdepartmental? If yes, mention the department(s) Associated with	No
6	Mode of conduct [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	All students

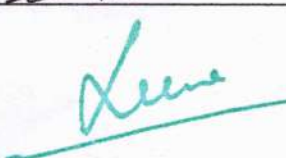


PAGE10F2

Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

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	Yes, EST 130
12	Objectives of the event	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. 2. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. 3. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 4. Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
13	Expected Outcomes	Hands on experience in making LED bulbs
15	Connected PO /PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
16	Justification for PO/PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	
20	Name of the resource person	Mr. Manu C(AP EEE)
21	Designation of the resource person(s)	Asst. Professor , SNGCET
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Mr. Manu C(AP EEE), Ms. Anusha Jyothi (S6 EEE)
24	Dated signature of the coordinator(s)	 17/02/22

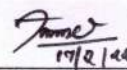

Dr. LEENA A. V.
PRINCIPAL
 SREE NARAYANA GURU COLLEGE OF
 ENGINEERING & TECHNOLOGY, PAYYANUR
 KANNUR

PAGE2OF2

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

List of enclosures – To be maintained in the file

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

1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Prof. Raveendran K
4	Dated Signature	 19/12/22

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL


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

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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Promoted by Sree Bhakthi Samvardhini Yogam, Kannur
Affiliated to KTU & Recognised by AICTE, New Delhi
Payyanur, Kannur, Kerala, Pin-670307
Office-04985-201989, 7812911912 Email-info@sngcet.org



DESIGN AND FABRICATION OF LED BULB

**ORGANIZED BY
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**

Date: from 09-01-2021 to 13-01-2021

Time: 9.30am to 4.00pm

Venue: Power Electronics Lab

Staff co ordinators

Mr. Manu C
Assistant Professor
Department of EEE

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

Student co ordinators

Mr. Vaishakh MM
S8 EEE
Department of EEE



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

LED BULB MANUFACTURING TRAINING PROGRAM (DESIGN AND FABRICATION OF LED BULB)

Agenda

Prayer

Welcome Address

M s.Prabha Chandran(AP EEE)

Felicitation

Mr. Manu C (AP EEE)

Principal's Address

Prof. Raveendran K, HoD EEE,SNGCET.

Vote of Thanks

Mr. Vaishakh M M(S7EEE)

**Dr. LEENA A. V.
PRINCIPAL**

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

Date: 9-01-2021

Time: 9.30 am



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

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

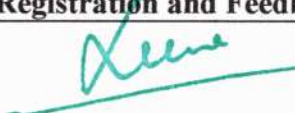
1	Event type	Workshop
2	Event name	DESIGN AND FABRICATION OF LED BULBS
3	Whether the event is inter departmental? If yes, mention the other department(s) associated with	No
4	Mode of conduct [online / offline]	Offline
5	Date and time	09-01-2021 to 13-01-2021 09:30am – 4:00pm
6	Venue	Power Electronics Lab
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	All students
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	• Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. • Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. • Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum.

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PAGE 1 OF 2

		• Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
11	Expected Outcomes	The students should be able to make LED bulbs
12	Connected PO / PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
13	Justification for PO / PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
14	Name of the resource person(s)	Mr. Manu C(AP EEE)
15	Designation of the resource person (may attach separate sheet to indicate the profile)	Asst. Professor , SNGCET
16	Resource requirements	I.Tools Required • Tikki punching machines • Crimbing tool • Screw driver • Cutter • Multimeter • Plier • Tester • Soldering Iron Soldering Lead • Flex • Soldering stand II. Raw Materials • 9W LED HPF driver • Diffuser • Aluminium case • B22 cap • Alumini plate • LED chip III. Presentation materials • MS Power point Presentation IV. Documentation: • Cameras and recording equipment for documenting the program. • Photographers and videographers if necessary. V. Transportation and Accommodation: • If required, arrangements for the resource person's transportation and accommodation. VI. Registration and Feedback System:


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		• Registration desk and materials for participants. • Feedback forms and data collection tools for evaluation. II. Budget Allocation: • Allocation of funds for resource person's honorarium, travel expenses, and any other related costs. II. Cleaning and Maintenance: • Cleaning services for the venue before and after the event. • Maintenance services for technical equipment. IX. COVID-19 Precautions: • Adherence to local health guidelines, including mask-wearing, social distancing, and sanitization.
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)	No
19	Any other relevant information	Nil
20	Name of the event coordinator(s)	Mr. Manu C (AP EEE)
21	Dated signature of the coordinator(s)	

X. 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	
2	Recommendation [Put a tick ☐ on whichever is applicable]	Recommended Not Recommended
3	Name	Prof. Ravendran k
4	Dated Signature	

COMMENTS FROM PRINCIPAL

SIGNATURE OF THE PRINCIPAL:

APPROVED / NOT APPROVED DATED



Dr. LEENA A. V.
PRINCIPAL
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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON LED BULB MANUFACTURING TRAINING PROGRAM

The Department of Electrical and Electronics Engineering conducted Five days **LED manufacturing training program (DESIGN AND FABRICATION OF LED BULB)** for students of Electrical and Electronics Engineering from 09/01/2021 to 13/01/2021. A Total of 5 students participated in the training session. The students gained hands on experience in manufacturing LED bulb.

The event was inaugurated by Prof. Raveendran K. HoD EEE. Welcome addresse was delivered by Ms.Prabha Chandran (Assistant Professor, EEE). Mr. Manu C (Assistant Professor, EEE) delivered felicitation speech and Mr.Vaishakh MM, student coordinator delivered vote of thanks. The inaugural session concluded at 10:00 a.m., after which the training session started.

Participants gained insights into the principles of LED operation, various types of LEDs, their applications, and the overall LED manufacturing process. Fundamental soldering skills were imparted, covering solder types, techniques, equipment, and safety precautions. Participants engaged in hands-on soldering practice to develop proficiency. The program delved into the intricacies of LED assembly, including PCB preparation, solder paste application, pick and place processes, and reflow soldering techniques. Practical sessions allowed participants to apply their knowledge directly.





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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY			
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
LED BULB MANUFACTURING TRAINING PROGRAM (DESIGN AND FABRICATION OF LED BULBS)			
Registration Form			<i>Fee - 100/-</i>
Date: 09/01/2021 to 13/02/2021		Venue: Led Bulb Manufacturing Unit	
Sl.No	Name of Students	Semester	Branch
1	VAISHAKH MM	S8	EEE
2	VIVEK VALSAN	S8	EEE
3	MUHAMED NABEEL	S8	EEE
4	VISHAL VV	S4	EEE
5	DEVIKEERTHANA	S4	EEE

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 SREE NARAYANA GURU COLLEGE OF
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 KANNUR



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CERTIFICATE OF PARTICIPATION

This certificate is presented to

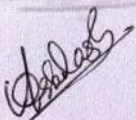
VISHAL VV

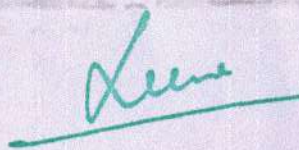
of

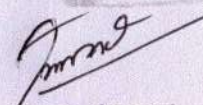
SNGCET- PAYYANUR

for participating in the training on
“DESIGN AND FABRICATION OF LED BULB”
dated 09-01-2021 to 13-01-2021

Organized by
Department of Electrical & Electronics Engineering


COORDINATOR


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


HOD (EEE)



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

POST EVENT ANALYSIS FORM

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

1	Event type conducted	Workshop
2	Event name	DESIGN AND FABRICATION OF LED BULBS
3	Date and time of the event conducted	09-01-2021 to 13-01-2021 09:30am – 4:00pm
4	Venue	Power Electronics Lab
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	All students
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	Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. Teamwork and Collaboration: Promote teamwork and collaboration

Leena

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Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

		through group activities.
13	Expected Outcomes	Hands on experience in making LED bulbs
15	Connected PO /PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
16	Justification for PO/PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	No
20	Name of the resource person	Mr. Manu C(AP EEE)
21	Designation of the resource person(s)	Asst. Professor , SNGCET
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Mr. Manu C (AP EEE)
24	Dated signature of the coordinator(s)	

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

List of enclosures-To be maintained in the file

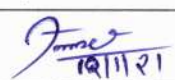
Sl No:	ITEM	AVAILABILITY[YES /NO]
1	Posters	Yes
2	Schedule of the event	Yes
3	Registration form sample copy	No
4	<u>All registration forms duly filled and signed</u>	No
5	Profile of the resource person(s)	No
6	Feedback forms filled by participants and resource person	Yes
7	Feedback analysis sheet	Yes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

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Dr. LEENA A. V.
PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR.

11	Documents related to professional body associated with the event	No
12	Photographs of the event	Yes

1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Prof. Raveshankar K
4	Dated Signature	 19/11/21

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL


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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY



Payyanur, Kannur, Kerala, Pin-670307

Promoted by Sree Bhakthi Samvardhini Yogam, Kannur

Affiliated to APJ Abdul Kalam Technological University & Approved by AICTE, New Delhi

DEPARTMENT OF ELECTRICAL & ELECTRONICS
ENGINEERING

Training Programme on LED BULB MANUFACTURING

Date : 11/08/2018 to 15/08/2018

Venue : Power Electronics Lab

Time : 09.30 AM

Coordinator

Mr. Abhilash Krishnan TK
Assistant Professor
Department of EEE

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

EVENT PROPOSAL FORM

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

1	Event type	Workshop
2	Event name	LED BULB MANUFACTURING TRAINING
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	11-08-2018 to 15-08-2018 09:30am
6	Venue	Power Electronics Lab
7	Whether any professional body is associated with the event? If yes, name the body	No
8	Participants / Target Audience	All students
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	Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs.

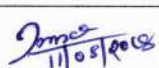
Leena

PAGE 1 OF 2

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

	information	
20	Name of the event coordinator(s)	Mr. Abhilash Krishnan T K(AP EEE)
21	Dated signature of the coordinator(s)	 8-8-2018.

X. 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	
2	Recommendation [Put a tick ☐ on whichever is applicable]	Recommended Not Recommended
3	Name	Prof. Raveendran k
4	Dated Signature	 11/05/2018

COMMENTS FROM PRINCIPAL

APPROVED / NOT APPROVED

DATED SIGNATURE OF THE PRINCIPAL:


11/5/18
Dr. LEENA A. V.
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

LED Bulb Manufacturing Training Program

Agenda

Prayer

Welcome Address

Mr. Abhilash Krishnan T K(AP EEE)

Principal's Address

Prof. Raveendran K, HoD EEE,SNGCET.

Vote of Thanks

Mr. Vishnu Unnikrishnan(S7 EEE)

Date: 11-08-2018

Time: 9.30 am

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



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
REPORT ON LED BULB MANUFACTURING TRAINING PROGRAM

The Department of Electrical and Electronics Engineering conducted Five days **LED Bulb Manufacturing Training Program** for students of Electrical and Electronics Engineering from 11/08/2018 to 15/08/2018. A Total of 7 students participated in the training session. The students gained hands on experience in manufacturing LED bulb.

The event was inaugurated by Prof. Raveendran K, Head of the Department, EEE. Welcome addressed was delivered by Mr. Abhilash Krishnan (Assistant Professor, EEE).




Dr. LEENA A. V.
PRINCIPAL
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SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY			
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
LED BULB MANUFACTURING TRAINING PROGRAM			
Registration Form			<i>Fee : 100/-</i>
Date: 11/08/2018 to 15/08/2018		Venue: Led Bulb Manufacturing Unit	
Sl.No	Name of Students	Semester	Branch
1	SANJAY GANGAN K	S5	EEE
2	DEVIKA SATHISH	S5	EEE
3	KIRAN RAJI VIJAYAN	S5	EEE
4	VISHNU UNNIKRISHNAN	S7	EEE
5	THASLEEM. P.T.P	S7	EEE
6	ROHIT V K	S7	EEE
7	MUHAMMED IRSHAD	S7	EEE


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PRINCIPAL
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CERTIFICATE OF PARTICIPATION

This certificate is presented to

DEVIKA SATHISH

of

SNGCET- PAYYANUR

*for participating 5 days training on
“LED BULB MANUFACTURING”
dated 11-08-2018 to 15-08-2018*

*Organized by
Department of Electrical & Electronics Engineering*

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

249

COORDINATOR

HOD
(EEE)



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

POST EVENT ANALYSIS FORM

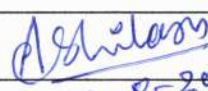
I. TO BE FILLED BY THE EVENT COORDINATOR(S)

1	Event type conducted	Workshop
2	Event name	LED BULB MANUFACTURING TRAINING
3	Date and time of the event conducted	11-08-2018 to 15-08-2018 09:30am
4	Venue	Power Electronics Lab
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	All students



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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

PAGE10F2

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	1. Educational Insight: Provide B. Tech students with a unique educational opportunity to gain in-depth knowledge about the manufacturing of LED bulbs. 2. Skill Enhancement: Enhance students' skills and creativity by encouraging participation in training sessions.. 3. Holistic Learning: Encourage interdisciplinary learning by allowing students to engage in different types of activities that cater to their diverse interests and talents, aligning with the holistic nature of the B. Tech curriculum. 4. Teamwork and Collaboration: Promote teamwork and collaboration through group activities.
13	Expected Outcomes	Hands on experience in making LED bulbs
15	Connected PO /PSO	PO1,PO3,PO5, PO 9,PO 11,PO12
16	Justification for PO/PSO [may use separate sheet if necessary]	Engineering knowledge, Problem Analysis, Design / Development Of Solution, Modern tool usage, Individual and Team work, Project Management and Finance Life Long Learning
17	Whether feedback forms from audience and resource person is collected?	Yes
18	Whether analysis of feedback is done? Use separate sheet to indicate the same	Yes
19	Attainment level of outcomes	
20	Name of the resource person	Mr. Abhilash Krishnan T K(AP EEE)
21	Designation of the resource person(s)	Asst. Professor , SNGCET
22	Any other relevant information	Nil
23	Name of the event coordinator(s)	Mr. Abhilash Krishnan T K(AP EEE)
24	Dated signature of the coordinator(s)	 8-8-2018.



II. TO BE FILLED BY THE DEPARTMENT HOD (anyone 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	No
4	All registration forms duly filled and signed	No
5	Profile of the resource person(s)	No
6	Feedback forms filled by participants and resource person	No
7	Feedback analysis sheet	No
8	CO attainment calculation sheet	No
9	Study Materials (if any)	No
10	Letters or printouts of e-mail communication Relevant to the event	No
11	Documents related to professional body associated with the event	No
12	Photographs of the event	Yes

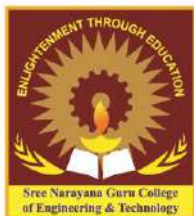
1	Comments about the conduct of the event	
2	Comments about the resource person and impact of the event	
3	Name	Prof. Rav ceedank
4	Dated Signature	<i>[Signature]</i> 15/12/2018

COMMENTS FROM PRINCIPAL

DATED SIGNATURE OF THE PRINCIPAL

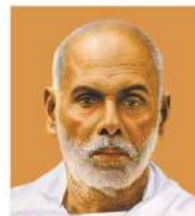
[Signature]
Dr. LEENA A. V.
PRINCIPAL
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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



MEETING MINUTES OF INDUSTRY INSTITUTE INTERACTION CELL(IIIC)

Meeting Date: 23rd February 2024

Time: 12.00PM

Venue: INNOVATION CELL

Attendees:

- Mr. Jacob Thomas, Head-Project & Consultancy (Chairman) ✓
- Mr. Abhilash Krishnan T K, HOD EEE (Convenor) ✓
- Ms. Leena Narayanan, HOD ECE (Member) ✓
- Ms. Amrutha K, AP CE (Member) ✓
- Ms. Kripa P V, AP CSE (Member) ✓
- Ms. Veena K K, TPO (Member) ✓
- Mr. Adarsh K, S6 ME (Student Member) ✓
- Mr. Jishnu Girish, S6 ECE (Student Member)
- Mr. B Sreyas Kumar, S6 CSE (Student Member)
- Mr. Hrishikesh P V, S6 EEE (Student Member) ✓
- Ms. Nandhana K, S6 CE (Student Member) ✓

Agenda:

1. Reconstitution of the Industry Institute Interaction Cell.
2. Defining the functions and responsibilities of the reconstituted cell.
3. Discussion on the "Automation Nexus" workshop conducted by IPCS, Mangalore. on 25th February 2024

Proceedings:

1. The meeting commenced with Mr. Jacob Thomas, the Head-Project & Consultancy, assuming the role of Chairman.
2. After a brief introduction, the reconstitution of the Industry Institute Interaction Cell was discussed and finalized with the following members:
 - Mr. Jacob Thomas, Head-Project & Consultancy (Chairman)
 - Mr. Abhilash Krishnan T K, HOD EEE (Convenor)
 - Ms. Leena Narayanan, HOD ECE (Member)


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

- Ms. Amrutha K, AP CE (Member)
- Ms. Kripa P V, AP CSE (Member)
- Ms. Veena K K, TPO (Member)
- Mr. Adarsh K, S6 ME (Student Member)
- Mr. Jishnu Girish, S6 ECE (Student Member)
- Mr. B Sreyas Kumar, S6 CSE (Student Member)
- Mr. Hrishikesh P V, S6 EEE (Student Member)
- Ms. Nandhana K, S6 CE (Student Member)

3. The functions of the reconstituted cell were delineated as follows:

- Generating memorandums of understanding with industries for knowledge sharing.
- Organizing workshops and conferences with industry participation.
- Enhancing the quality of education to align with industry trends.
- Encouraging students to participate in internship programs.

4. The recent "Automation Nexus" Webinar, focusing on industrial automation, PLC, SCADA, and HMI, conducted by IPCS, Mangalore, was discussed. Key insights and takeaways from the workshop, including presentations, demonstrations, and hands-on sessions, were briefly reviewed.

5. The workshop's relevance to the goals of the Industry Institute Interaction Cell, particularly in bridging the gap between academia and industry, was acknowledged.

6. It was agreed upon to explore further collaboration opportunities with IPCS, Mangalore, and other industry partners to organize similar workshops and training programs in the future.

7. It was consensually decided to schedule regular meetings to assess progress and tackle any issues or concerns.

Actions Items:

1. Mr. Abhilash Krishnan T K to draft a memorandum of understanding template for industry collaboration.
2. Ms. Veena K K to initiate the planning of workshops and conferences with industry representatives.
3. Ms. Amrutha K and Ms. Kripa P V to coordinate with faculty members to enhance the curriculum to meet industry standards.
4. Student members to actively promote internship opportunities among their peers.
5. Further collaboration with IPCS, Mangalore, and other industry partners to organize similar workshops and training programs to be explored.

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

Next Meeting: The timing of the next meeting will be coordinated by the Chairman.

Closure: With all agenda items discussed comprehensively and action items duly assigned, the meeting was adjourned by the Chairman, Mr. Jacob Thomas.at 12.45PM

Prepared By: Mr. Abhilash Krishnan T K

Associate Professor &HOD



Approved By:

Mr. Jacob Thomas, Head-Project & Consultancy



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PAYYANUR, KANNUR



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

ACTION TAKEN REPORT

1. **Memorandums of Understanding (MoUs) Drafting:** Mr. Abhilash Krishnan T K started drafting MoUs for collaboration with industries. These MoUs aim to formalize partnerships and agreements between the institution and industry stakeholders for knowledge sharing and collaboration.
2. **Workshops and Conferences Planning:** Ms. Anusree T K began planning workshops and conferences involving industry participation. These events are designed to facilitate knowledge exchange, networking, and skill development among students and industry professionals.
3. **Curriculum Enhancement:** Ms. Shamyia Sukumaran M and Ms. Varsha M worked together with faculty members to enhance the curriculum to meet industry demands. This involves updating course content, incorporating industry-relevant skills, and aligning educational objectives with current industry trends.
4. **Internship Promotion:** Student members took proactive steps to promote internship opportunities among their peers. They aimed to raise awareness about internships, facilitate connections with potential employers, and encourage students to gain practical experience in their respective fields


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PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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CHAIRMAN



SREE NARAYANA GURU COLLEGE OF ENGINEERING
& TECHNOLOGY

**MEETING MINUTES OF INDUSTRY INSTITUTE
INTERACTION CELL(IIIC)**

Meeting Date: 26th June 2023

Time: 12.00PM

Venue: INNOVATION CELL

Attendees:

- Mr. Jacob Thomas, HODME (Chairman) *JT*
- Mr. Abhilash Krishnan T K, HOD EEE (Convenor) *Abhilash*
- Ms. Leena Narayanan, HOD ECE (Member) *Leena*
- Ms. Shamyia Sukumaran M, AP CE (Member) *Shamyia*
- Ms. Varsha M, AP CSE (Member) *Varsha*
- Ms. Anusree T K, TPO (Member) *Anusree*
- Mr. Adarsh K, S4 ME (Student Member) *Adarsh*
- Mr. Jishnu Girish, S4 ECE (Student Member)
- Mr. B Sreyas Kumar, S4 CSE (Student Member)
- Mr. Hrishikesh P V, S4 EEE (Student Member) *Hrishikesh*
- Ms. Nandhana K, S4 CE (Student Member) *Nandhana*

Agenda:

1. Reconstitution of the Industry Institute Interaction Cell.
2. Defining the functions and responsibilities of the reconstituted cell.

Proceedings:

1. The meeting was called to order by Mr. Jacob Thomas, the HODME, who presided as the Chairman.
2. The reconstitution of the Industry Institute Interaction Cell was discussed and finalized with the following members:
 - Mr. Jacob Thomas, HODME (Chairman)
 - Mr. Abhilash Krishnan T K, HOD EEE (Convenor)
 - Ms. Leena Narayanan, HOD ECE (Member)
 - Ms. Shamyia Sukumaran M, AP CE (Member)

Leena
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- Ms. Varsha M, AP CSE (Member)
- Ms. Anusree T K, TPO (Member)
- Mr. Adarsh K, S4 ME (Student Member)
- Mr. Jishnu Girish, S4 ECE (Student Member)
- Mr. B Sreyas Kumar, S4 CSE (Student Member)
- Mr. Hrishikesh P V, S4 EEE (Student Member)
- Ms. Nandhana K, S4 CE (Student Member)

3. The functions of the reconstituted cell were defined as follows:

- Generating memorandums of understanding with industries for knowledge sharing.
- Organizing workshops and conferences with industry participation.
- Enhancing the quality of education to align with industry trends.
- Encouraging students to participate in internship programs.

4. Each member was assigned specific responsibilities in accordance with the defined functions.

5. It was decided to schedule regular meetings to monitor progress and address any challenges.

Actions Items:

1. Mr. Abhilash Krishnan T K to initiate the drafting of memorandums of understanding for industry collaboration.
2. Ms. Anusree T K to start planning workshops and conferences with industry involvement.
3. Ms. Shamyia Sukumaran M and Ms. Varsha M to collaborate with faculty members to enhance the curriculum to meet industry demands.
4. Student members to actively promote internship opportunities among their peers.

Next Meeting: To be scheduled by the Chairman.

Closure: With all agenda items discussed and action items assigned, the meeting was adjourned by the Chairman, Mr. Jacob Thomas.at 12.30PM

Prepared By: Mr. Abhilash Krishnan T K

Associate Professor &HOD


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


Approved By:

Mr. Jacob Thomas, Head-Project & Consultancy



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CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



ACTION TAKEN REPORT

1. **Memorandum of Understanding (MoU) Drafting:** Mr. Abhilash Krishnan T K created a template for MoUs aimed at fostering collaboration between the institution and industry partners.
2. **Workshops and Conferences Planning:** Ms. Veena K K initiated the planning of workshops and conferences involving industry representatives. These events aim to facilitate knowledge exchange and skill development.
3. **Curriculum Enhancement:** Ms. Amrutha K and Ms. Kripa P V collaborated with faculty members to enhance the curriculum according to industry standards. This includes updating course content to align with current industry trends.
4. **Internship Promotion:** Student members actively promoted internship opportunities among their peers. They aimed to raise awareness about internships and facilitate connections with potential employers.
5. **Exploration of Collaboration Opportunities:** Further collaboration opportunities with IPCS, Mangalore, and other industry partners to organize similar webinar and training programs were explored. This aims to strengthen ties between academia and industry for mutual benefit.


Dr. LEENA A V
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SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR

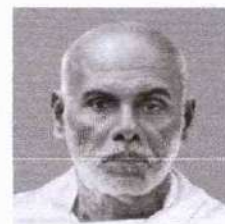

CHAIRMAN



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CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



3.5.1 The number of MoUs, collaborations / linkages for Faculty exchange, Student exchange, Internship, Field Project, On-the- job training, research and other academic activities during the last five years

LIST OF MOU

Sl. No.	Name of the MoU	Year of signing MoU	Duration of MoU
1	The Western India Plywood Valapattanam	2024	Expressly terminated by either party or mutually agreed terms
2	Doitnow Technologies Pinarayi	2024	1 Year
3	Black screen Wood carving Pallikulam	2024	Will be valid until it is expressly terminated by either party or mutually agreed terms during which period
4	Nest Institute of Fiber Optics Technology Private Limited	2024	1 Year shall be extended further mutual agreement
5	Govt.Polytechnic College Kasargod	2024	5 year
6	Alisons Infomatics (P) Ltd	2023	Will be valid until it is expressly terminated by either party or mutually agreed terms during which period
7	CADD Centre	2022	Will be valid until it is expressly terminated by either party or mutually agreed terms during which period
8	M/s. Ervin Builders Pvt.ltd	2022	5 year
9	Perfect Software Solution Pvt. Ltd	2022	5 year
10	Ncode & Cmore Global	2022	5 year

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

MEMORANDUM OF UNDERSTANDING

BETWEEN

**SREE NARAYANA GURU COLLEGE OF ENGINEERING
AND TECHNOLOGY, PAYYANUR, KANNUR**

AND

**M/s. Ncode & Cmore Global
Consultancy and Services Pvt. Ltd.
3rd Floor, Royal Oak Building, Thana, Kannur - 670002.**


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

PREAMBLE

Whereas, Sree Narayana Guru College of Engineering and Technology, Chalakkode P.O., Payyanur, Kannur - 670307, Kerala, Affiliated to APJ Abdul Kalam Technological University & Recognised by AICTE, New Delhi, Promoted by Sree Bhakthi Samvardhini Yogam, Kannur at its various engineering departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, INDUSTRY is engaged in manufacturing of to be introduced here, research, design and development and consultancy in the field to be introduced here and related fields.

whereas, both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd., now

- Recognizing the importance of research and development in the areas to be introduced here, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to be introduced here
- Desiring to club their efforts by pooling their expertise and resources,

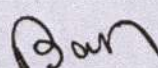
Intend to form a nucleus for promoting excellent quality manpower in the fields of engineering, technology and sciences with special emphasis on to be introduced here and related fields etc.

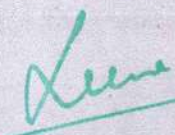
Now, therefore, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. hereby acknowledge, SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. hereby agree to sign a memorandum of understanding (MOU).

ARTICLE - I : SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. for enhancing, within the country, the availability of highly qualified manpower in the areas of to be introduced here without any prejudice to prevailing rules and regulations in SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd.. The areas of cooperation can be extended through mutual consent.




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PAYYANUR, KANNUR

ARTICLE – II : SCOPE AND TERMS OF INTERACTIONS

Both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through the following arrangements:

- a) Exchange of personnel through deputation as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Practical training of SNGCET students at M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd.;
- d) Joint guidance of student projects/thesis in to be introduced here and other areas of national interest at SNGCET by M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. on mutually agreeable terms.
- e) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. would accommodate B.Tech students who have completed the 6th semester of their programme in such a number that M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. deems convenient to it for the purpose of imparting industrial training.
- f) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may depute its personnel as visiting faculty at IETCU to teach any of the regular Course or specialized topics.
- g) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. personnel, as well as research scholars, may also be allowed to enroll for their Ph.D/M.Tech. (Research) at SNGCET, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of SNGCET. Further, M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses maybe run at any mutually convenient premises.
- h) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may seek assistance/guidance of SNGCET faculty member in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may showcase its business activities at the seminar/workshop/conference, etc. at SNGCET.
- k) M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may avail library, Internet, computational facilities at SNGCET.
- l) Post-graduate student will be allotted a Research supervisor from SNGCET faculty members. A Research Scientist/Engineer at M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/M.Tech (Regular or Research) degree at SNGCET. The student



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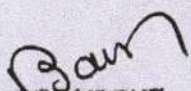
maybe encouraged to take up the project such that M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. desirably benefits from its outcomes.

- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- p) If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication/printing in any form such as Electronically/verbal, etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc by the parties under the law will be decided on case to case basis after mutual consultation.
- q) Research supervisors from both the Institutes will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s; as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.

ARTICLE -III : SHARING OF FACILITIES

- a) SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department section.




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- c) SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall provide access to the library facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

ARTICLE – IV : CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS

- a) The collaborative programme between SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall be coordinated by a coordination committee appointed by Directors of both the Institutes.
- b) Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the Institutions.

ARTICLE - V : EFFECTIVE DATE AND DURATION OF MOU

- a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of 5 years from the effective date.
- c) During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.
- d) Any clause or article of the MOU may be modified or amended by mutual agreement of M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. And SNGCET.

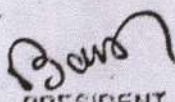
ARTICLE – VI : IPR

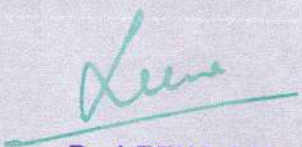
Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.

ARTICLE – VII : CONFIDENTIALITY

During the tenure of the MOU both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.




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PAYANNUR, KANNUR

Both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or PROJECTS.

Further both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

CONFIDENTIAL INFORMATION shall mean any proprietary information, data or facts belonging to parties collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

- a) is or becomes publicly available through no fault of the receiving party,
- b) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- c) is independently developed by the receiving party without reference to the confidential information of the disclosing party.
- d) is rightfully obtained by the receiving party from a third party or is in the public domain.
- e) is disclosed with the written consent of the party whose information it is, or (t) is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

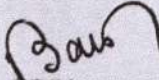
ARTICLE - VIII : AMENDMENTS

Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by the PARTIES hereto and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

ARTICLE - IX : MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this agreement.
- b) Both SNGCET and M/s. Ncode & Cmore Global Consultancy and Services Pvt. Ltd. shall not, during the term of this Agreement directly or indirectly, solicit or offer employment




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PAYYANUR, KANNUR

or engagement to any of the personnel of other party without the prior consent in writing of that other party.

- c) No failure to exercise and no delay in exercising, on the part of a Party, and right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, power and privileges herein provided are cumulative and not exclusive of any right, remedies, powers and privileges provided bylaw.
- d) After this Agreement has been signed, all preceding understandings/negotiations and correspondence pertaining to it shall become null and void.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

Bam
PRESIDENT
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
SNGCET PAYYANNUR

For Ncode & Cmore Global Consultancy and
Services Pvt. Ltd.

Managing Director
M/s. Ncode & Cmore Global
Consultancy and Services Pvt. Ltd.
3rd Floor, Royal Oak Building, Thana,
Kannur - 670002.



Witness *[Signature]*
ADMINISTRATIVE OFFICER
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
PAYYANUR

2. *WYJITH A N*
Asst. Accounts Officer
SNGCET, Payyanur.

Date 19-04-2022

Witness

1. *[Signature]*
Vaishakh. M. Nayanar
Varikkotta Vadakkumbad hare
Matbansorgalam (po), Kannur, Kerala

2. *[Signature]*
Manu. C
Painchulkkam, P.O. Balla.
Kannur

Date 19/04/2022

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

MEMORANDUM OF UNDERSTANDING

BETWEEN

**SREE NARAYANA GURU COLLEGE OF ENGINEERING
AND TECHNOLOGY, PAYYANUR, KANNUR**

AND

**M/s. Perfect Software Solutions (CLT) Pvt. Ltd.
19/1194, Dialysis Center Building, Chalappuram, Calicut - 673002.**


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

PREAMBLE

Whereas, Sree Narayana Guru College of Engineering and Technology, Chalakkode P.O., Payyanur, Kannur - 670307, Kerala, Affiliated to APJ Abdul Kalam Technological University & Recognised by AICTE, New Delhi, Promoted by Sree Bhakthi Samvardhini Yogam, Kannur at its various engineering departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, INDUSTRY is engaged in manufacturing of to be introduced here, research, design and development and consultancy in the field to be introduced here and related fields.

whereas, both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd., now

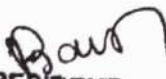
- Recognizing the importance of research and development in the areas to be introduced here, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to be introduced here
- Desiring to club their efforts by pooling their expertise and resources,

Intend to form a nucleus for promoting excellent quality manpower in the fields of engineering, technology and sciences with special emphasis on to be introduced here and related fields etc.

Now, therefore, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. hereby acknowledge, SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. hereby agree to sign a memorandum of understanding (MOU).

ARTICLE - I : SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. for enhancing, within the country, the availability of highly qualified manpower in the areas of to be introduced here without any prejudice to prevailing rules and regulations in SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd.. The areas of cooperation can be extended through mutual consent.


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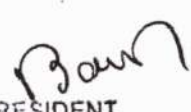
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Date.....
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ARTICLE – II : SCOPE AND TERMS OF INTERACTIONS

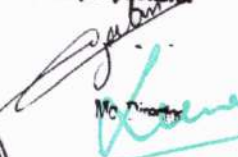
Both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through the following arrangements:

- a) Exchange of personnel through deputation as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Practical training of SNGCET students at M/s. Perfect Software Solutions (CLT) Pvt. Ltd.;
- d) Joint guidance of student projects/thesis in to be introduced here and other areas of national interest at SNGCET by M/s. Perfect Software Solutions (CLT) Pvt. Ltd. on mutually agreeable terms.
- e) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. would accommodate B.Tech students who have completed the 6th semester of their programme in such a number that M/s. Perfect Software Solutions (CLT) Pvt. Ltd. deems convenient to it for the purpose of imparting industrial training.
- f) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may depute its personnel as visiting faculty at IETCU to teach any of the regular Course or specialized topics.
- g) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. personnel, as well as research scholars, may also be allowed to enroll for their Ph.D/M.Tech. (Research) at SNGCET, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of SNGCET. Further, M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses maybe run at any mutually convenient premises.
- h) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may seek assistance/guidance of SNGCET faculty member is in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may showcase its business activities at the seminar/workshop/conference, etc. at SNGCET.
- k) M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may avail library, Internet, computational facilities at SNGCET.
- l) Post-graduate student will be allotted a Research supervisor from SNGCET faculty members. A Research Scientist/Engineer at M/s. Perfect Software Solutions (CLT) Pvt. Ltd. may be appointed a Co- research guide as per the rules of the respective institute for a student Registered for Ph.D/M.Tech (Regular or Research) degree at SNGCET. The student maybe


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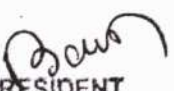

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encouraged to take up the project such that M/s. Perfect Software Solutions (CLT) Pvt. Ltd. desirably benefits from its outcomes.

- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.
- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- p) If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication/printing in any form such as Electronically/verbal, etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc by the parties under the law will be decided on case to case basis after mutual consultation.
- q) Research supervisors from both the Institutes will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s; as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.

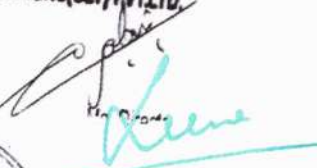
ARTICLE -III : SHARING OF FACILITIES

- a) SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department section.


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- c) SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall provide access to the library facilities to scientists, members of faculty, and students as per the prevailing rules and norms in the respective institutes.

ARTICLE – IV : CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS

- a) The collaborative programme between SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall be coordinated by a coordination committee appointed by Directors of both the Institutes.
- b) Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the Institutions.

ARTICLE - V : EFFECTIVE DATE AND DURATION OF MOU

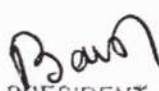
- a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of 5 years from the effective date.
- c) During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.
- d) Any clause or article of the MOU may be modified or amended by mutual agreement of M/s. Perfect Software Solutions (CLT) Pvt. Ltd. And SNGCET.

ARTICLE – VI : IPR

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.

ARTICLE – VII : CONFIDENTIALITY

During the tenure of the MOU both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.


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PAYYANNUR

For PERFECT SOFTWARE SOLUTIONS (CLT) PVT. LTD.




Ma Director

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

Both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or PROJECTS.

Further both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

CONFIDENTIAL INFORMATION shall mean any proprietary information, data or facts belonging to parties collectively or severally, disclosed by the disclosing party under this agreement or any subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

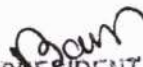
- a) is or becomes publicly available through no fault of the receiving party,
- b) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- c) is independently developed by the receiving party without reference to the confidential information of the disclosing party.
- d) is rightfully obtained by the receiving party from a third party or is in the public domain.
- e) is disclosed with the written consent of the party whose information it is, or (t) is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

ARTICLE - VIII : AMENDMENTS

Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by the PARTIES hereto and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

ARTICLE - IX : MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this agreement.
- b) Both SNGCET and M/s. Perfect Software Solutions (CLT) Pvt. Ltd. shall not, during the term of this Agreement directly or indirectly, solicit or offer employment or engagement


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to any of the personnel of other party without the prior consent in writing of that other party.

- c) No failure to exercise and no delay in exercising, on the part of a Party, and right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, power and privileges herein provided are cumulative and not exclusive of any right, remedies, powers and privileges provided bylaw.
- d) After this Agreement has been signed, all preceding understandings/negotiations and correspondence pertaining to it shall become null and void.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.


PRESIDENT
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
SNGCET PAYYANNUR

For PERFECT SOFTWARE SOLUTIONS (CLT) PVT. LTD.


M/s. Perfect Software Solutions (CLT) Pvt. Ltd.
19/1194, Dialysis Center Building,
Chalappuram, Calicut - 673002.



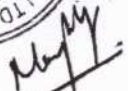
Witness

- 
1. ADMINISTRATIVE OFFICER
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
PAYYANUR

- 
2. VYJITH A N
ASST. ACCOUNTS OFFICER,
SNGCET, PAYYANUR.

Date 19-04-2022

Witness

- 
1. MARY SONIA GEORGE
ORA 648, Indian Naval
Academy
Erhimala
PAYYANUR.

2. SUNDER. V
Date LAKSHMI NIVAS
TALAP
KANNUR - 670002


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

MEMORANDUM OF UNDERSTANDING

BETWEEN

**SREE NARAYANA GURU COLLEGE OF ENGINEERING
AND TECHNOLOGY, PAYYANUR, KANNUR**

AND

M/s. Ervin Builders Pvt. Ltd.

Oasis Mall, NH 66, Perumba, Payyanur, Kannur, Kerala - 670307.


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PREAMBLE

Whereas, Sree Narayana Guru College of Engineering and Technology, Chalakkode P.O., Payyanur, Kannur - 670307, Kerala, Affiliated to APJ Abdul Kalam Technological University & Recognised by AICTE, New Delhi, Promoted by Sree Bhakthi Samvardhini Yogam, Kannur at its various engineering departments is charged with responsibility of training technical and scientific manpower in various front-line areas of importance for the Nation and is also contributing to the rapidly growing scientific and technological knowledge and professional excellence in Science & Technology by undertaking industrial & applied research and consultancy.

WHEREAS, INDUSTRY is engaged in manufacturing of to be introduced here, research, design and development and consultancy in the field to be introduced here and related fields.

whereas, both SNGCET and M/s. Ervin Builders Pvt. Ltd., now

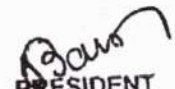
- Recognizing the importance of research and development in the areas to be introduced here, as well as imparting industrial training to the engineering/technology/sciences students, etc.
- Appreciating the need for creation of large reservoir of highly qualified manpower in all fields related to be introduced here
- Desiring to club their efforts by pooling their expertise and resources,

Intend to form a nucleus for promoting excellent quality manpower in the fields of engineering, technology and sciences with special emphasis on to be introduced here and related fields etc.

Now, therefore, in consideration of the mutual promises made herein and of good and valuable consideration, the receipt and sufficiency of which both SNGCET and M/s. Ervin Builders Pvt. Ltd. hereby acknowledge, SNGCET and M/s. Ervin Builders Pvt. Ltd. hereby agree to sign a memorandum of understanding (MOU).

ARTICLE - I : SCOPE OF THE MOU

This MOU details the modalities and general conditions regarding collaboration between SNGCET and M/s. Ervin Builders Pvt. Ltd. for enhancing, within the country, the availability of highly qualified manpower in the areas of to be introduced here without any prejudice to prevailing rules and regulations in SNGCET and M/s. Ervin Builders Pvt. Ltd. without any disregard to any mechanism evolved and approved by the competent authorities under Govt. of India in so far as such mechanism applies to SNGCET and M/s. Ervin Builders Pvt. Ltd.. The areas of cooperation can be extended through mutual consent.


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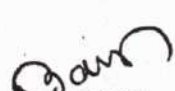



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ARTICLE – II : SCOPE AND TERMS OF INTERACTIONS

Both SNGCET and M/s. Ervin Builders Pvt. Ltd. shall encourage interactions between the Engineers, Scientists, Research fellows, faculty members and students of both the organizations through the following arrangements:

- a) Exchange of personnel through deputation as per the rules of the respective institute, for limited periods as mutually agreed upon;
- b) Organization of joint conferences and seminars;
- c) Practical training of SNGCET students at M/s. Ervin Builders Pvt. Ltd.;
- d) Joint guidance of student projects/thesis in to be introduced here and other areas of national interest at SNGCET by M/s. Ervin Builders Pvt. Ltd. on mutually agreeable terms.
- e) M/s. Ervin Builders Pvt. Ltd. would accommodate B.Tech students who have completed the 6th semester of their programme in such a number that M/s. Ervin Builders Pvt. Ltd. deems convenient to it for the purpose of imparting industrial training.
- f) M/s. Ervin Builders Pvt. Ltd. may depute its personnel as visiting faculty at IETCU to teach any of the regular Course or specialized topics.
- g) M/s. Ervin Builders Pvt. Ltd. personnel, as well as research scholars, may also be allowed to enroll for their Ph.D/M.Tech. (Research) at SNGCET, subject to availability of seats, research facilities and subject to their fulfilling eligibility criteria and all other academic regulations of SNGCET. Further, M/s. Ervin Builders Pvt. Ltd. may request to design and teach a Course or Courses which it deems fit to enhance quality and performance of its employees. Such Courses maybe run at any mutually convenient premises.
- h) M/s. Ervin Builders Pvt. Ltd. may seek assistance/guidance of SNGCET faculty member in product/process modification, modernization, trouble shooting, etc.
- i) Would allow the industrial visits of students for half/full day to provide them with an exposure to various equipment, instrument, etc.
- j) M/s. Ervin Builders Pvt. Ltd. may showcase its business activities at the seminar/workshop/conference, etc. at SNGCET.
- k) M/s. Ervin Builders Pvt. Ltd. may avail library, Internet, computational facilities at SNGCET.
- l) Post-graduate student will be allotted a Research supervisor from SNGCET faculty members. A Research Scientist/Engineer at M/s. Ervin Builders Pvt. Ltd. may be appointed a Co-research guide as per the rules of the respective institute for a student Registered for Ph.D/M.Tech (Regular or Research) degree at SNGCET. The student maybe encouraged to take up the project such that M/s. Ervin Builders Pvt. Ltd. desirably benefits from its outcomes.
- m) The students will carry out part of their Ph.D. research work or M.Tech./B.Tech. project at SNGCET and M/s. Ervin Builders Pvt. Ltd. depending on the nature of the work as per rules of the respective institute depending on facilities and requirements.


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- n) There will be no restriction on the contents of the thesis and on publication of results of the thesis, subject to the condition that no Intellectual Property Rights can be secured for any part of the work which will be decided with mutual consent.
- o) Both SNGCET and M/s. Ervin Builders Pvt. Ltd. will be free to independently carry out follow-up research on the thesis work conducted under this scheme.
- p) If the outcome of a project related to product development, process technology and design etc. which involves matter of secrecy and concern with security of the State and the Country, the same will not be allowed for publication/printing in any form such as Electronically/verbal, etc. If the outcome of a project results into an intellectual property, for which rights can be secured, it will be decided on case to case basis. Similarly, sharing of expenditure in securing such rights and income accrued through royalty etc by the parties under the law will be decided on case to case basis after mutual consultation.
- q) Research supervisors from both the Institutes will be the corresponding authors in any publication resulting from the collaborative work. All the efforts put by the student/s; as a part of this MoU will be accounted for by way of reporting the work in thesis and/or paper publication except the part for which IPR needs be claimed.
- r) Neither of the supervisors will publish the work carried out under this MoU without knowledge of the other.
- s) In any of the activities mentioned above, wherever financial aspects are involved, amount, payment conditions, etc. would be spelt out clearly before starting the activity.

ARTICLE -III : SHARING OF FACILITIES

- a) SNGCET and M/s. Ervin Builders Pvt. Ltd. shall make provisions to share their respective important R&D facilities in order to promote academic and research interaction in the areas of cooperation.
- b) SNGCET and M/s. Ervin Builders Pvt. Ltd. shall permit the sharing software and other materials and components developed in-house in the areas of cooperation, if permissible within the rules governing the two institutions. However, responsibility for safety of software and other materials during the exchange will rest on respective Head of academic department section.
- c) SNGCET and M/s. Ervin Builders Pvt. Ltd. shall provide access to the library facilities to scientists, members of faculty and students as per the prevailing rules and norms in the respective institutes.

ARTICLE – IV : CO-ORDINATION OF THE PROGRAMME INCLUDING FINANCIAL ARRANGEMENTS

- a) The collaborative programme between SNGCET and M/s. Ervin Builders Pvt. Ltd. shall be coordinated by a coordination committee appointed by Directors of both the Institutes.

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- b) Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both the Institutions.

ARTICLE - V : EFFECTIVE DATE AND DURATION OF MOU

- a) This MOU shall be effective from the date of its approval by competent authorities at both ends.
- b) The duration of the MOU shall be for a period of 5 years from the effective date.
- c) During its tenancy, the MOU may be extended or terminated by a prior notice of not less than six months by either party. However, termination of the MOU will not in any manner affect the interests of the students/faculty/scientists who have been admitted to pursue a programme under the MOU.
- d) Any clause or article of the MOU may be modified or amended by mutual agreement of M/s. Ervin Builders Pvt. Ltd. And SNGCET..

ARTICLE - VI : IPR

Rights regarding publications, patents, royalty, ownership of software/design/product developed etc. under the scope of this MOU, shall be decided by the two parties by mutual consent.

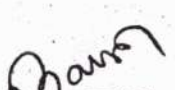
ARTICLE - VII : CONFIDENTIALITY

During the tenure of the MOU both SNGCET and M/s. Ervin Builders Pvt. Ltd. will maintain strict confidentiality and prevent disclosure of all the information and data exchanged under the scope of this MOU for any purpose other than in accordance with this MOU.

Both SNGCET and M/s. Ervin Builders Pvt. Ltd. shall bind their respective personnel who come into possession or knowledge of any confidential information not to disclose the same to third parties without written approval of the disclosing party or use such confidential information for any use other than intended under this agreement or PROJECTS.

Further both SNGCET and M/s. Ervin Builders Pvt. Ltd. shall put in place adequate and reasonable measures to keep and store confidential information secure so as to prevent any unauthorized use.

CONFIDENTIAL INFORMATION shall mean any proprietary information, data or facts belonging to parties collectively or severally, disclosed by the disclosing party under this agreement or any


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PAYANNUR




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subsequent agreement, whether in writing, verbal or electronically, irrespective of the medium in which such information is stored, which is marked confidential or with any other words having similar meaning by the disclosing party, or specifically agreed to be kept confidential by the parties, or declared or identified so by the disclosing party before such disclosure or during the discussions. However confidential information shall not include any data or information which:

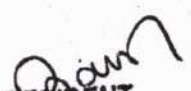
- a) is or becomes publicly available through no fault of the receiving party,
- b) is already in the rightful possession of the receiving party prior to its receipt of such data or information;
- c) is independently developed by the receiving party without reference to the confidential information of the disclosing party.
- d) is rightfully obtained by the receiving party from a third party or is in the public domain.
- e) is disclosed with the written consent of the party whose information it is, or (t) is disclosed pursuant to court order or other legal compulsion, after providing prior notice to the disclosing party.

ARTICLE - VIII : AMENDMENTS

Any amendment and/or addenda to the AGREEMENT shall be in writing and signed by the PARTIES hereto and shall only after such execution be deemed to form part of the AGREEMENT and have the effect of modifying the AGREEMENT to the extent required by such amendment or addenda.

ARTICLE - IX : MISCELLANEOUS

- a) The headings and sub-headings are inserted for convenience only and shall not affect the construction of this agreement.
- b) Both SNGCET and M/s. Ervin Builders Pvt. Ltd. shall not, during the term of this Agreement directly or indirectly, solicit or offer employment or engagement to any of the personnel of other party without the prior consent in writing of that other party.
- c) No failure to exercise and no delay in exercising, on the part of a Party, and right, remedy, power or privilege hereunder shall operate as a waiver thereof, nor shall any single or partial exercise of any right, remedy, power or privilege hereunder preclude any other or further exercise thereof or the exercise of any other right, remedy, power or privilege. The rights, remedies, power and privileges herein provided are cumulative and not exclusive of any right, remedies, powers and privileges provided by law.
- d) After this Agreement has been signed, all preceding understandings/negotiations and correspondence pertaining to it shall become null and void.


PRESIDENT
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OF ENGINEERING & TECHNOLOGY
PAYYANNUR




Dr. LEENA A V
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ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE.

Ban
PRESIDENT
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
SNGCET, PAYYANNUR

For ERVIN BUILDERS Pvt. Ltd.
[Signature]
Managing Director



M/s. Ervin Builders Pvt. Ltd.
Oasis Mall, NH 66, Perumba, Payyannur,
Kannur, Kerala - 670307.

Witness *[Signature]*
Asst. HOD L.
1. **ADMINISTRATIVE OFFICER**
SREE NARAYANA GURU COLLEGE
OF ENGINEERING & TECHNOLOGY
PAYYANUR

2. **VYJITH A N**
ASST. ACCOUNTS OFFICER,
SNGCET, Payyannur.

Date 19-04-2022

Witness *[Signature]*
Dr. LEENA A.V.
MADHAVAM
CHIRAKUTTY ROAD,
ANCHAMPEDICA (P.O)
KANNUR - 620 331

2. **Dr. Susan Abraham .**
ORA 743, INDIAN NAVY
ACADEMY
EZHIMALA, KANNUR-676;

Date 19/04/22

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



കേരളം KERALA

MEMORANDUM OF UNDERSTANDING

DU 332489

This Memorandum of Understanding (hereinafter called as the 'MOU') is entered into on this the 14th day of November Two Thousand Twenty Two (14-11-2022)

BETWEEN

Sree Narayana Guru College of Engineering and Technology Payyanur, the First Party represented herein by its Principal (hereinafter referred as 'First Party', the institution which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

AND

CADD Centre, Payyanur, Kannur, the Second Party, and represented herein by its Centre Head, (hereinafter referred to as "Second Party", company which expression, unless excluded by or repugnant to the subject or context shall include its successors - in-office, administrators and assigns).

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

Chief
CADD CENTRE
3rd Floor, Oasis Mall, NH, Perumbur
Payyanur, Kannur Dt. - 670307
Mob: 9656333332

31 OCT 2022

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR

പ്രകടനാടി സ.ദ.ആ.ആ. വേണമ്, എ. ഉമേശൻ



കേരളം KERALA

DU 332490

(First Party and Second Party are hereinafter jointly referred to as 'Parties' and individually as 'Party')

WHEREAS:

- A) First Party is a Higher Educational Institution named:
- (i) **Sree Narayana Guru College of Engineering and Technology Payyanur**
- B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources, and provide each of them with enhanced opportunities.
- C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education and Research.
- D) Both Parties, being legal entities in themselves desire to sign this MOU for advancing their mutual interest;

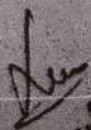
നമ്പർ 26736 പട്ടാമ്പി അംഗീകൃത
8.11.22
മി. സി. വിജയ് (രണ്ടാമത്)
പട്ടാമ്പി സ.വ.ക. ആ. വേണമ്, എ. ഉമ്മേക്കൽ

CADD
CENTRE
31 OCT 2022
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR

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

CLAUSE 2 SCOPE OF THE MoU

- 2.1 The budding graduates from the institutions could play a key role in technological up-gradation, innovation and competitiveness of an Industry. Both parties believe that close co-operation between the two would be of major benefit to the student community to enhance their skills and knowledge.
- 2.2 **Curriculum Design:** Second Party will give valuable Inputs to the First Party in teaching / training methodology and suitably customize the curriculum so that the students fit into the Industrial scenario meaningfully.
- 2.3 **Industrial Training & Visits:** Industry and Institution Interaction will give an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. The industrial training and exposure provided to students and faculty through this association will build confidence and prepare the students to have a smooth transition from academic to working career. The Second Party will provide its Labs / Workshops / Industrial Sites for the hands-on training of the learners enrolled with the First Party.
- 2.4 **Internships and Placement of Students:** Second Party will actively engage to help the delivery of the Internship and placement of students of the First Party into internships/jobs, as per AICTE Internship Policy. The Second Party will also register itself on AICTE Internship Policy Portal for disseminating the Internship opportunities available with them.
- 2.5 **Research and Development:** Both Parties have agreed to carry out the joint research activities in the fields of Computer Aided Design and 3D printing.
- 2.6 **Skill Development Programs:** Second Party to train the students of First Party on the emerging technologies in order to bridge the skill gap and make them industry ready.
- 2.7 **Guest Lectures:** Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.
- 2.8 **Faculty Development Programs:** Second Party to train the Faculties of First Party for imparting industrial exposure/ training as per the industrial requirement considering the National Occupational Standards in concerned sector, if available.
- 2.9 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required for offering the Programs on the terms specified herein.


PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR


PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR


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

- 2.10 There is no financial commitment on the part of the **Sree Narayana Guru College of Engineering and Technology Payyanur**, the First Party to take up any program mentioned in the MoU. If there is any financial consideration, it will be dealt separately.

CLAUSE 3 INTELLECTUAL PROPERTY

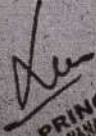
- 3.1 Nothing contained in this MOU shall, by express grant, implication, Estoppel or otherwise, create in either Party any right, title, interest, or license in or to the intellectual property (including but not limited to know-how, inventions, patents, copy rights and designs) of the other Party.

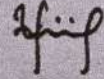
CLAUSE 4 VALIDITY

- 4.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period **CADD Centre, Payyanur**, the Second Party, as the case may be, will take effective steps for implementation of this MOU. Any act on the part of **Training Partner** or **CADD Centre, Payyanur**, the Second Party after termination of this Agreement by way of communication, correspondence etc., shall not be construed as an extension of this MOU
- 4.2 Both Parties may terminate this MOU upon 30 calendar day's notice in writing. In the event of Termination, both parties have to discharge their obligations

CLAUSE 5 RELATIONSHIP BETWEEN THE PARTIES

- 5.1 It is expressly agreed that **First Party** and **Second Party** are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership. Neither Party is authorized to use the other Party's name in any way, to make any representations or create any obligation or liability, expressed or implied, on behalf of the other Party, without the prior written consent of the other Party. Neither Party shall have, nor represent itself as having, any authority under the terms of this MOU to make agreements of any kind in the name of or binding upon the other Party, to pledge the other Party's credit, or to extend credit on behalf of the other Party.


PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR


**CADD
CENTRE**
3rd Floor, Oasis Mall, NH, Perumb
Payyanur, Kannur Dt. - 670307
Mob: 9656333332


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

First Party

Second Party

CADD CENTRE
3rd Floor, Oasis Mall, NH, Perumba
Payyannur, Kannur Dt., -670307
Mob: 9656333332

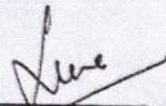
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

Any divergence or difference derived from the interpretation or application of the MoU shall be resolved by arbitration between the parties as per the Arbitration Act, 1996. The place of the arbitration shall be at District Head Quarters of the First Party. This undertaking is to be construed in accordance with Indian Law with exclusive jurisdiction in the Courts of Payyanur.

AGREED:

For Sree Narayana Guru
College of Engineering and
Technology, Payyanur

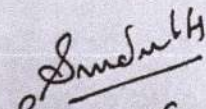
for CADD Centre Training
Services Pvt. Ltd
Payyanur


Authorized Signatory
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

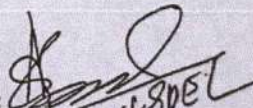

Authorized Signatory
CADD CENTRE
3rd Floor, Oasis Mall, NH, Perumba
Payyannur, Kannur Dt., -670307
Mob: 9656333332

Sree Narayana Guru College of Engineering and Technology Payyanur	CADD Centre, Payyanur.
Korom, Post Chalakode, Payyanur, Kannur Pin-670307	3rd Floor, Oasis Mall, NH, Perumba, Payyanur, Kannur - 670307
04985 - 201989	+91 9656333332
Email: info@sngcet.org	E-mail: kl.payyannur@caddcentre.com
Web: www.sngcet.org	Web: www.caddcentre.com

Witness1:


Sunder V
AP & HoD UG
SNGLET

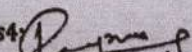
Witness2:


Asst. Prof. H. R. D. E. L.

Witness3:


Anoop Gopinathan

Witness4:


Deepna.




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



കേരളം KERALA

MEMORANDUM OF UNDERSTANDING (MoU)

DK 915379

BETWEEN

Sree Narayana Guru College of Engineering and Technology - Payyanur
Chalakkode (PO), Korom, Kannur (Dist), 670307

AND

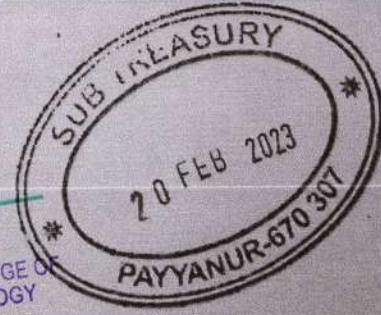
Alisons Informatics Private Limited
2nd Floor, Kaoser Complex, Caltex Junction, Kannur (Dist), 670002

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the 1st of November 2023 by and between Sree Narayana Guru College of Engineering and Technology - Payyanur, the First Party represented herein by its Principal, Sree Narayana Guru College of Engineering and Technology- Payyanur, and Alisons Informatics Private Limited, the Second party, represented herein by its Center Head Mr. Sabir Ali, Chief Executive Officer (CEO)

Handwritten signature

നമ്പർ 36993 Payyanur അംഗം
Principal SNGCET
27/02/23 രാജ്യം വിജ്ഞാപനം
പ്രധാനാധികാരി സ. ഓ. അ. അ. അ. അ.
വേണ്ടതാകട്ടെ ടി. കെ. രാജ് പ്രൊഫസർ

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



WHEREAS:

A) First Party is a Higher Educational Institution named: **Sree Narayana Guru College of Engineering and Technology- Payyanur,**

B) First Party & Second Party believe that collaboration and co-operation between themselves will promote more effective use of each of their resources and provide each of them with enhanced opportunities.

C) The Parties intent to cooperate and focus their efforts on cooperation within area of Skill Based Training, Education, Placement, Industrial Visit, Expert Lecture.

D) **Alisons Informatics Private Limited,** - the Second Party is engaged in Industrial Training.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS:

CLAUSE 1

CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

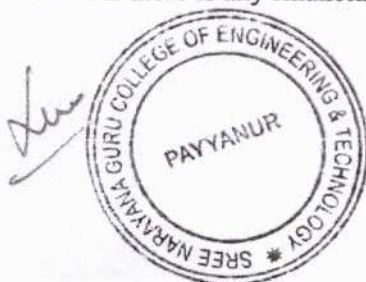
CLAUSE 2 SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party. This will provide confidence & smooth transition for students work. Also the Second party may register on the AICTE Internship Portal for the benefit of students.

2.2 Guest Lectures: Second Party to extend the necessary support to deliver guest lecturers to the students of the First Party on the technology trends and in house requirements.

2.3 Placement of trained students: Second party will actively engage to help the delivery of the training and placement of the students of the first party on the technology trends and in house requirements.

2.4 There is no financial commitment on the part of the **Sree Narayana Guru College of Engineering and Technology- Payyanur,** the first party to take up any program mentioned in MoU. If there is any financial consideration, it will be dealt separately.



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



Alison

2.5 Both Parties to obtain all internal approvals, consents, permissions and licenses of whatsoever nature required.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4

RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

First Party

Principal

Dr. Leena A V

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

Dr. Sudhis Chandran *[Signature]*
Witness 1

Second Party

Manager

For ALISONS INFORMATICS PVT. LTD.

Manager

Mrs. B. Mary Soia George
Witness 2 *[Signature]*

[Signature]
DR. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR

- To exchange information on research and educational programmes.
- To exchange information on teaching, learning material and other complementary subjects relevant to their courses.
- To jointly organize short-term continuing education programmes on topics of mutual interest.
- To jointly organize FDP's, seminars, conferences, or workshops on topics of mutual interest and to invite each other's faculty to participate therein.
- To jointly propose and engage in research or training programmes and to invite each other's faculty to participate therein.

SNGCET and Government Polytechnic College, Kasaragod further agree that detailed terms and conditions that guide each activity identified above will be separately determined and agreed upon by the two institutions. These terms shall include a technical description of the proposed activity, financial arrangements, and person(s) responsible for its implementation, etc.

B. Development and Consultancy.

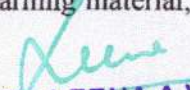
SNGCET and Government Polytechnic College, Kasaragod agree to help identify and invite faculty members from the other institution to participate in development and consultancy programs. The terms and conditions for such participation will be worked out by mutual agreement between SNGCET and Government Polytechnic College, Kasaragod.

C. Exchange of Faculty and Staff.

SNGCET and Government Polytechnic College, Kasaragod agree to encourage collaboration between faculty and staff from the two institutions. Specifically, institutions will encourage members of their faculties to undertake short visits to, or take up fixed-term visiting assignments at, each other's institution as per the existing norms. Terms and conditions for each visit or an assignment, including those concerning stipend, travel, and housing, name of the concerned faculty member will be worked out between SNGCET and Government Polytechnic College, Kasaragod.

D. Exchange of Scientific and Technical Materials.

SNGCET and Government Polytechnic College, Kasaragod will exchange information on research and educational programmes and teaching/learning material and other literature relevant to their educational and research programmes. Further, SNGCET and Government Polytechnic College, Kasaragod agree to explore ways to share teaching/learning material,


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

and other relevant literature, while respecting each other's intellectual property and other rights.

E. Joint Conferences, workshops and short-term courses

SNGCET and Government Polytechnic College, Kasaragod has agreed to identify and invite faculty members from the other institution to participate in conferences, workshops and short-term courses. The terms and conditions for such participation will be worked out by mutual agreement between SNGCET and Government Polytechnic College, Kasaragod.

F. Intellectual Property

SNGCET and Government Polytechnic College, Kasaragod agree to respect each other's rights to intellectual property. Further, the intellectual property rights that arise as a result of any collaborative research or activity under this MoU will be worked out on a case-by-case basis, and will be consistent with the officially laid down IPR policies of the two institutions.

G. Co-ordination

Each institution shall appoint one member of its teaching/research faculty to coordinate the programme on its behalf. Further, a coordination committee, consisting of (a) President, SNGCET, or his/her nominee, (b) President, Government Polytechnic College, Kasaragod, or his/her nominee, (c) Programme coordinator from the side of SNGCET, and (d) Programme Coordinator from the side of Government Polytechnic College, Kasaragod, will periodically review and identify ways to strengthen cooperation between the two institutions.

H. Tenure and Termination

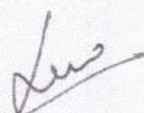
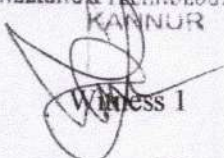
This MoU will take effect from the date it is signed by representatives of the two institutions. It will remain valid for five years, and may be continued thereafter after suitable review and agreement. Either institution may terminate the MoU by giving written notice to the other institution six months in advance. Once terminated, neither SNGCET nor Government Polytechnic College, Kasaragod will be responsible for any losses, financial or otherwise, which the other institutions may suffer. However, SNGCET and Government Polytechnic College, Kasaragod will ensure that all activities in progress are allowed to complete successfully.


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

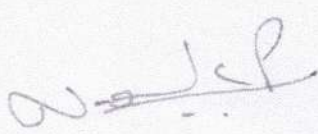
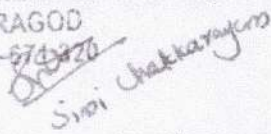
I. Arbitration Clause

Should there be a dispute relating to any aspect of academic cooperation, Principal, SNGCET and Principal, Government Polytechnic College, Kasaragod will jointly resolve the dispute in a spirit of independence, mutual respect, and shared responsibility.

This MoU is signed subject to approval of the respective academic/administrative bodies.


Principal
SNGCET, Payyannur
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR,
KANNUR

Witness 1
JACOB THOMAS
APME
SNGCET PAYYANUR




Principal
Government Polytechnic College, Kasaragod
PRINCIPAL
GOVT. POLYTECHNIC COLLEGE
KASARAGOD
PERIYA-671 320

Witness 2
Ct IB el.
GPC Peria




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



കേരളം KERALA

CN 811429

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made and entered into on this 18th Day of January Two Thousand Twenty Four (2024).

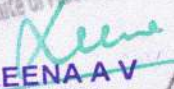
BY AND BETWEEN

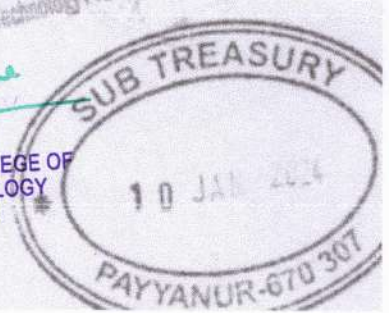
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING, SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, PAYYANUR (Promoted by SBSY Thalapp, Kannur), Korom, Chalakkode PO, KANNUR - 670307 (which expression shall, unless it is repugnant to the context, shall mean and include its successors in interest assigns and affiliates)

AND

NeST INSTITUTE OF FIBER OPTIC TECHNOLOGY PRIVATE LIMITED (NeST GROUP), a company incorporated under the Companies Act, 1956 with its corporate office at Plot 2, Cochin Special Economic Zone, Kakkanad, Kochi - 682307, Kerala, India and

നമ്പർ 33797 . Korom
Dr. Leena-A.V Principal
15/01/24
ചുമതല
മേധാവിയുടെ പ്രതി. സി. വി.


Raghunath T.N.
Sr. General Manager
NeST Institute of Fiber Optic Technology Pvt. Ltd.

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





കേരളം KERALA

CN 811428

registered office at Stone House, Market Road, Aluva, Kerala, India -683101 (which expression shall, unless it is repugnant to the context, shall mean and include its successors in interest assigns and all its group companies and affiliates)

WHEREAS

The Sree Narayana Guru College of Engineering & Technology, an Institution of excellence in the domain of Technical Education was established in the year 2003 with a vision to create engineers having the drive skill and conference to become the pioneers of tomorrow, The college functions with the highest order of discipline so that all students are trained to excel in highly professional environment. The college was set up under auspices of the institute of human resource and development (IHRD) and is recognized by the All India Council for Technical Education (AICTE), New Delhi it is affiliated to APJ Abdul Abdul Kalam Technological University Kerala (APJAKTU).

NeST Institute of Fiber Optic Technology Private Limited (NeST Group). who are Pioneers in global organization comprised of companies in a multitude of technology and services areas, including Software Development, Fiber Optics, Networking, RF and Microwave and Electronic Manufacturing Services.

Raghunath T.N.
Sr. General Manager
NeST Institute of Fiber Optic Technology Pvt. Ltd.



നമ്പർ 33796 - Kozhikode
Dr. Leena A.V. Principal.

15/01/24

ചെയർമാൻ ന. ഓ. അ. അ. അ. അ.
മേധാവിയുടെ (പി.എ. സി. വി.)

297

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



भारतीय गैर न्यायिक

पचास
रुपये

रु.50



FIFTY
RUPEES

Rs.50

INDIA NON JUDICIAL

കേരളം KERALA

CN 811431

Sree Narayana Guru College of Engineering & Technology, and NeST Group believe that close cooperation between an industry and a technical institution would be of considerable mutual benefit. The building engineers from the technical institution could play a key role in technological upgradation, innovation and competitiveness of an industry. NeST Group can give valuable inputs to the institution suitable to customize the curriculum and in teaching / training methodology so that student fit into the industrial scenario meaningfully. Another dimension to the NeST Group and Sree Narayana Guru College of Engineering & Technology, co-operation will relate effective utilization of the intellectual capabilities of the institute providing significant inputs in developing suitable industrial visits/ teaching /training systems, keeping in mind the needs of the industry.

WITNESSETH

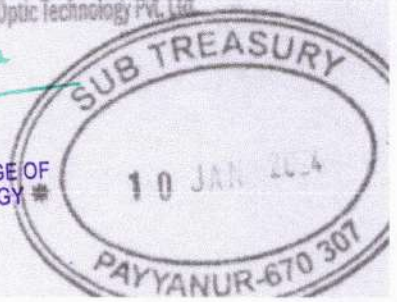
NOW THEREFORE, for the purpose of conducting industrial training/visit for Sree Narayana Guru College of Engineering & Technology students and faculties, on the job training on request during/after course and for providing solutions to any industrial issues / problems, the parties how had preliminary discussions in this matter and have ascertained areas of broad consensus.

നമ്പർ 33799. KOTOM
Dr. Leena. A.V. Principal
15/01/24 മിസ്റ്റർ ഓഫീസ് 50
ചെയ്തതുകൾ ന. ഓ. അ. അ. അ.
മേധാവിയെ (പി.സി. വി.)

Raghunath T.N.
Sr. General Manager
NeST Institute of Fiber Optic Technology Pvt. Ltd.



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



PCY 298



കേരളം KERALA

CN 811430

The parties now, have therefore, agreed to enter in writing these areas of consensus, under a MOU.

1. OBJECTIVES OF MOU

Both Sree Narayana Guru College of Engineering & Technology and NeST Group shall encourage interactions between the Engineers, Scientists, Research Fellows, Faculty Members, and students of both the organizations through the following arrangements:

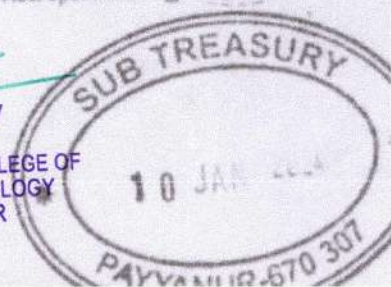
- I. Provide hands-on training sessions to faculty and students to get an exposure on fiber optics communication techniques, practical experience in all aspects of fiber optics which will enable them to design, installation and operation of state-of-the-art fiber optic systems.
- II. Provide post degree training/finishing school for student giving them exposure to industrial environment and they make them fit for industry - to utilize your existing resources.
- III. Provision for internship for selected students by including them in the live projects based on demand.
- IV. Provide entrepreneurship training to our students in the campus or in the industrial environment, continuing in different levels.

Raghunath T.N.
Sr. General Manager
NeST Institute of Fiber Optic Technology Pvt. Ltd.



നമ്പർ 3798. Korum
Dr. Leena A.V. Principal.
15/01/24
ചയ്യന്നൂർ സ. എ. അ. അ. അ.
കോളേജ് പ്രിൻസി. സി. വി.

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



299

- V. Joint guidance of student projects/thesis in the fields of optical fiber communication, networking, RF and Microwave and other emerging areas of national interest at **Sree Narayana Guru College of Engineering & Technology** by **NeST group** mutually agreeable terms.
- VI. The post graduate student will be allotted a research guide/supervisor from **Sree Narayana Guru College of Engineering & Technology**, faculty members. A Research Scientist/ Engineer at **NeST group** may be appointed a co-guide as per the rules of the respective institute for a student registered for B-Tech/M Tech degree at **Sree Narayana Guru College of Engineering & Technology**. The student may be encouraged to take up the project such that **NeST group** desirably benefits from its outcomes.
- VII. **NeST group** may depute Engineers and trainers at **Sree Narayana Guru College of Engineering & Technology**, to teach any of the regular course or specialized topics.
- VIII. Organization of joint conferences, workshops, hackathons, colloquiums and seminars.
- IX. **NeST group** may avail library, internet and computational faculties at **Sree Narayana Guru College of Engineering & Technology**.
- X. Financial arrangements for each specific collaboration will be decided on a case-to-case basis and brought on record in each case after due approval from heads of both institutions.

2. RESPONSIBILITIES OF SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

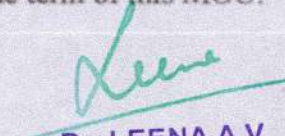
- I. **Sree Narayana Guru College of Engineering & Technology** will select and decide the date for the training of the students in due consultation with **NeST Group**.
- II. **Sree Narayana Guru College of Engineering & Technology** shall maintain a separate database of the students undertaking training and shall maintain all documents and other evidence pertaining to this MOU.
- III. **Sree Narayana Guru College of Engineering & Technology**, abides to provide infrastructure facilities for inside campus activities if any

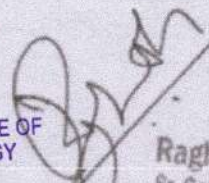
3. RESPONSIBILITIES OF NeST GROUP

- 1. **NeST Group** shall provide necessary facilities for the training for the selected students.
- 2. **NeST Group** shall impart training to B.Tech and M.Tech students of the Department of Electrical & Electronics Engineering, **Sree Narayana Guru College of Engineering & Technology**.

4. CONFIDENTIALITY

Both the parties agreed to abide by the MOU and shall maintain confidential information and data shared by either of the parties with respect to the MOU signed. The term for keeping confidentiality shall survive the term of this MOU and shall continue to be in operation for another 3 years from the end date of the term of this MOU.


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


Raghunath T.N.
 Sr. General Manager
 NeST Institute of Fiber Optic Technology Pvt. Ltd.



5. TERM AND TERMINATION

The said services above by the company are requested without any legal obligation to the NeST Group and the MOU is for a period of one year which shall be extended further on mutual agreement. The MOU shall remain in effect from the date of execution until terminated by either party. Either party may terminate this MOU by giving the other party thirty (30) days written notice.

6. GENERAL

The MOU constitutes the entire and only MOU between the parties, and all prior negotiations, representations, agreements and understandings are hereby superseded. No agreements altering or supplementing the terms hereof may be made except by means of a written document signed by the duly authorized representatives of the parties.

The MOU shall be construed in accordance with the laws of India and the obligations, rights and remedies of the parties hereunder shall be determined in accordance with such laws.

The parties agree to exclusively refer the disputes arising from the MOU, if any, to the Courts in Ernakulam, India

IN WITNESS WHEREOF, the parties have executed this agreement effective as of the day and year indicated by the last signature below.

Abhilash
18/1/24

HEAD OF THE DEPARTMENT

Abhilash Krishnan T.K.
Associate Prof & HEAD OF THE DEPT
ELECTRICAL AND ELECTRONICS ENGG.
SREE NARAYANA GURU COLLEGE
OF ENGINEERING AND TECHNOLOGY
PAYYANUR KANNUR KERALA

Counter Signed

[Signature]

PRINCIPAL

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

Witness 1

Manu. C

Assistant Professor

Dept. EEE

SNOCKET - Payyanur

[Signature]
18/01/24

For NEST Group

Name:

[Signature]
Raghunath T.N.

Sr. General Manager

Designation:

NeST Institute of Fiber Optic Technology Pvt. Ltd.

Date:

18/1/2024



Witness 2

Reshmidevi R

[Signature]
Reshma

[Signature]

Dr. LEENA A V

PRINCIPAL

SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYYANUR, KANNUR



കേരളം KERALA

DK 915382

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC AND INDUSTRIAL
COOPERATION**

Between

Sree Narayana Guru College of Engineering & Technology

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

and

Black screen Wood carving, Pallikulam, Puthiyatheru, Kannur

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the
31st day of January 2024

Purpose

The purpose of this agreement between Sree Narayana Guru College of Engineering & Technology and Black screen Wood carving Pallikulam Puthiyatheru, Kannur is to

നമ്പർ 36996 Payyanur
Principal SNGCEI
23/02/23
പ്രധാനമന്ത്രി സ. ടി. അ. അ. അ.
പ്രൊഫ. ടി. കെ. രാജു (പ്രൊഫ.)

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





കേരളം KERALA

CN 811433

establish a framework for collaboration between an academic institution and an industrial partner.

Types of Cooperation

Through this memorandum, both parties affirm the collaboration and agree to promote the following activities:

1. Joint research projects in the fields of mutual interests
2. Facilitate technology transfer and knowledge exchange
3. Enhance the opportunities for the development of faculties, staffs and students
4. Emphasize the intention to facilitate the exchange of skill based training
5. Other activities as mutually agreed.

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS

നമ്പർ 33801 Korom
Dr. Leena A.V. Principal
15/1/24 10 തിരുതി വില 50
പത്തനംതിട്ട സ. ഓ. അ. അ. അ.
വേണ്ടത പ്രി. സി. വി.

303

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





കേരളം കേരള KERALA

CN 811432

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MoU

2.1 Industrial Training & Visits: Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party.

നമ്പർ 33800 Kozhikode
Dr. Leena A.V. Principal
15/01/24 തീയതി വില 50 രൂ.
പയ്യന്നൂർ സ. ഓ. അ. അ. അ.
വേണ്ടത പ്രീ. സി. വി.

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



PCU 304

2.2 Curriculum design: Second party will give valuable inputs to the first party in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial scenario.

2.3 There is no financial commitment on the part of the **Sree Narayana Guru College of Engineering & Technology**, the first party to take up any program mention in MoU. If there is any financial consideration, it will be dealt separately.

2.4 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

2.5 Project coordinator

Both the parties shall nominate Project coordinator/s, as a single point of contact on behalf of Black Screen Wood Carving & SNGCET to coordinate the launch and successful implementation of the programme.

CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms.

CLAUSE 4 RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MOU as independent contractors, and the relationship established under this MOU shall not be construed as a partnership.

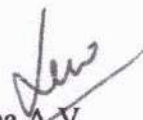
4.2. In witness whereof both the parties through their duly authorized representatives signed this agreement on this date 31-01-2024.


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

For and on behalf of:

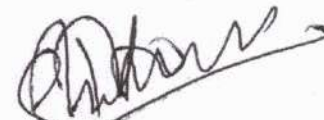
Sree Narayana Guru College of Engineering
& Technology

Chalakode P.O, Korom, Payyannur, Kannur-670307


Dr. Leena A V

Principal

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY,
KANNUR

Witness 1: 
Sinto Antony
CAD Designer.



Black Screen Wood Carving

Pallikulam, Kannur-670011

For


Since 2009

Black Screen
CNC INTERIORS

Mr. Joshil V.P

Managing Director

Proprietor

Witness 2: 
Shiji V.P
partner.



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



കേരളം KERALA

CP 911239

MEMORANDUM OF UNDERSTANDING (MOU)

BETWEEN

DOITNOW TECHNOLOGIES, PINARAYI, KANNUR -670741

AND

**SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY, CHALAKKODE P.O,
KOROM, PAYYANUR, KANNUR- 670307**

This Memorandum of Understanding ("MOU") is entered into on 06-02-2024 by and between doITnow Technologies, Pinarayi, Kannur District, hereinafter referred to as the "Company", and Mr. Rajendran T K, Convenor, on behalf of Sree Narayana Guru College of Engineering & Technology, with its principal place of operations at Korom, Chalakkode P O, Payyanur, Kannur-670307, hereinafter referred to as the "Institute".

WHEREAS, the Company is engaged in the business of providing educational content and services to various educational institutions; and, both parties wish to collaborate and cooperate in providing the best educational experience to students.

NOW, THEREFORE, the Company and the Institute agree as follows:

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

നമ്പർ 27215 തീയതി 6.2.2024 Payyanur
പേര് T.K. Rajendran, Vice President SNGET
വില രൂപ 50 Payyanur 670307
പയ്യന്നൂർ സ. റ. ആ. ആ. വേണ്ടത
തുകറുത്തിനു. പി. പി.

307





കേരളം KERALA

CP 911240

Scope of Services

The Company shall provide the Institute with access to its educational content and services, including Videos, Test Series, and study materials for KEAM 2024.

Term

This Agreement shall commence on 06/02/2024 and continue until 05/02/2025.

Governing Law

This MOU shall be governed by and construed in accordance with the laws of Republic of India.

Entire Agreement

This MOU constitutes the entire agreement between the Provider and the Institute with respect to the subject matter hereof and supersedes all prior negotiations, understandings, and agreements between the parties.

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

നമ്പർ 27216 തീയതി 6.2.2024 Payyanur
പേര് T.K. Rajendran Vice President SNGCT
വില രൂപ 50 Payyanur 670307
പയ്യന്നൂർ സ. റ. ആ. ആ. വേണ്ടർ
തറുതുന്നി. പി. പി.





കേരളം KERALA

CP 911241

Scope of Services

The Provider shall provide the Institute with access to its digital educational content through dedicated mobile application and services, including lecturer videos and other study materials in digital formats.

Payment

The Institute shall pay the Provider the fees set forth in the attached Exhibit A.

Intellectual Property

The Company retains all intellectual property rights in its educational content and services. The Institute acknowledges and agrees that it shall not reproduce, distribute, or create derivative works based on the Provider's educational content and services without the Provider's prior written consent. Reselling of any of the content is prohibited. The institute shall provide the service only to their enrolled students.

Confidentiality

The Company and the Institute agree to keep confidential all information received from the other party in connection with this Agreement.

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

നമ്പർ 27217 തീയതി 6.2.2024 Payanur
പേര് T.R. Rajendran Vice President SNGLET
വില രൂപ 50 Payanur 670307
പയ്യന്നൂർ സ. റ. ആ. ആ. വേണ്ടർ
കുറുന്തിസ. പി. പി.





കേരളം KERALA

CP 911242

Warranties

The Company warrants that it has the necessary rights to provide the educational content and services to the Institute, and that the educational content and services shall be provided in a professional and workmanlike manner. The Institute warrants that it shall use the educational content and services solely for educational purposes to their enrolled students, and that it shall not use the educational content and services for any commercial purpose.

Limitation of Liability

Neither party shall be liable for any indirect, incidental, special, or consequential damages arising out of or in connection with this Agreement, even if the party has been advised of the possibility of such damages.

Termination

Either party may terminate this MOU at any time upon 15 days' prior written notice to the other party.

Course and Service

The company will offer Mathematics, Physics, Chemistry entrance examination training videos, study materials and test series for KEAM 2024.

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

നമ്പർ 27218 തീയതി 6.2.2024 Payyanur
പേര് T.K. Rajendram, Vice President SNGCET
വില രൂപ 50.
ചെയ്തതുകൾ ന. ഓ. ആ. വേണ്ടത

Payyanur 670307



- for the period of contract or until and unless if any break occur in between the contract company (doITnow) will not give any of our content and service to the competitors (in Kannur District) of our client (Sree Narayana Guru College of Engineering and Technology), except College of Engineering Thalassery.

IN WITNESS WHEREOF, the parties have executed this MOU as of the date first above written.

For doITnow Technologies



Name: Sudhin Govind

Designation: Co-founder

For Sree Narayana Guru College of Engineering and Technology



Name: Rajendran T K

Designation: Convenor

Counter Signed



PRINCIPAL

PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYYANUR
KANNUR

Witnesses:

1.

P.C. Ashokan. 

"Ayyappa". Pannanpara.

P.O. Chalad. Kannur. 

2.

K.P. Jayabalan. 

Meenaleyan.

P.O. Chirakkal

Kannur - 11.



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



കേരളം KERALA

CN 811435

**MEMORANDUM OF UNDERSTANDING FOR ACADEMIC AND INDUSTRIAL
COOPERATION**

Between

Sree Narayana Guru College of Engineering & Technology

Chalakkode P.O, Korom, Payyanur, Kannur

Affiliated to APJ Abdul Kalam Technological University and Approved by AICTE

and

THE WESTERN INDIA PLYWOODS LTD.

Valapattanam, Kannur

This Memorandum of Understanding (hereinafter called as the 'MoU') is entered into on this the

14th day of February 2024.

Leena
Dr. LEENA A V

PRINCIPAL

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

33803. Korom
Dr. Leena A.V Principal
15-1-24
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CN 811436

Purpose

The purpose of this agreement between Sree Narayana Guru College of Engineering & Technology and THE WESTERN INDIA PLYWOODS LTD. Kannur is to establish a framework for collaboration between an academic institution and an industrial partner.

Types of Cooperation

Through this memorandum, both parties affirm the collaboration and agree to promote the following activities:

1. Joint research projects in the fields of mutual interests
2. Facilitate technology transfer and knowledge exchange
3. Enhance the opportunities for the development of faculty members, staffs and students
4. Emphasize the intention to facilitate the exchange of skill based training
5. Other activities as mutually agreed.


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

നമ്പർ 33804. Korom
Dr. Leena A.V. Principal
15.1.24
ചിത്രങ്ങൾ ന. ഓ. അ. അ. അ.
വേണ്ടത് പ്രിയ. സി. വി.





കേരളം KERALA

CN 811437

NOW THEREFORE, IN CONSIDERATION OF THE MUTUAL PROMISES SET FORTH IN THIS MOU, THE PARTIES HERETO AGREE AS FOLLOWS

CLAUSE 1 CO-OPERATION

- 1.1 Both Parties are united by common interests and objectives, and they shall establish co-operation.
- 1.2 First Party and Second Party co-operation will facilitate effective utilization of the intellectual capabilities.
- 1.3 The parties shall co-operate with each other and shall as promptly as is responsibly practical, relevant agreement.

CLAUSE 2 SCOPE OF THE MOU

2.1 **Industrial Training & Visits:** Industry and Institution interaction will provide an insight into the latest developments / requirements of the industries; the Second Party to permit the Faculty and Students of the First Party to visit its group companies and also involve in Industrial Training Programs for the First Party.

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

നമ്പർ 33805 Korom
Dr. Leena A.V Principal
15.01.24
വയസ്സ് 50
വേണ്ടത് പ്രതി. സി. വി.
Pay





കേരളം KERALA

CN 811434

2.2 **Curriculum design:** Second party will give valuable inputs to the first party in teaching/training methodology and suitably customize the curriculum so that the students fit into the industrial scenario.

2.3 There is no financial commitment on the part of the Sree Narayana Guru College of Engineering & Technology, the first party and on the part of the Western India Plywoods Ltd to take up any program mentioned in this MoU. If there is any financial consideration, it will be dealt separately.

2.4 Both Parties to obtain all internal approvals, consents, permissions, and licenses of whatsoever nature required.

2.5 Project coordinator

Both the parties shall nominate Project coordinator/s, as a single point of contact, on behalf of the WIP Ltd. & SNGCET to coordinate the launch and successful implementation of the programme.

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

നമ്പർ 33802. Koro m...
Dr. Leena A.V. Principal
15.01.24 യോഗി വില് 50 ക
ചയ്യന്നൂർ സ. ഓ. അ. അ. അ.
മേണ്ടർ (പി. സി. വി.)

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CLAUSE 3 VALIDITY

3.1 This Agreement will be valid until it is expressly terminated by either Party on mutually agreed terms, during which period, the Second Part.

CLAUSE 4 RELATIONSHIP BETWEEN THE PARTIES

4.1 It is expressly agreed that First Party and Second Party are acting under this MoU as independent contractors, and the relationship established under this MoU shall not be construed as a partnership.

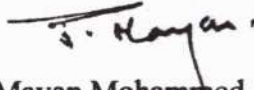
4.2. In witness whereof both the parties through their duly authorised representatives signed this agreement on this date 14th February, 2024

For and on behalf of:

Sree Narayana Guru College of Engineering
& Technology

The Western India Plywoods Ltd.
Valapattanam.

Dr. Leena A V 
Principal
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY, PAYANUR
KANNUR

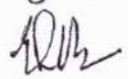

Mr. P. K Mayan Mohammed
Managing Director
For THE WESTERN INDIA PLYWOODS LTD.

P. K. MAYAN MOHAMED
Managing Director

Witness 1

Dr. Sudhin Chandran
HOD / ME
SNACET 

Witness 2

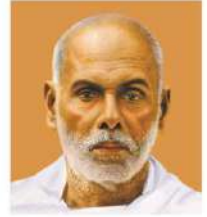
Dr. E. Sreenivasan
Technical Manager, R&D
WIP 


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



Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



CONSULTANCY SERVICE



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY
P.O Chalakcode, Korom, Payyanur, Kannur – 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the _CE/ MT LAB/ Request No.: 99 dated 23/02/2024_ the test report is issued to:

Report to:	ASSISTANT ENGINEER, LSGD, PAYYANUR MUNICIPALITY	Date	23/02/2024
		Report No.	
		Project Name	KARUVACHERI TEMPLE ROAD DRAINAGE - PCC
		Location	PAYYANUR

MIX DATA

Mix:	M10	Aggregate Size		
Dealer		Graded [Y/N]		
Cement		Admixture	Type	
W/c Ratio			Dosage	

FIELD DATA

Date / Time of Casting	30/01/2024	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+ _ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [mm]	Area [Sqmm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	23/02/2024	24	150X150	22500		300	13.33	
2	23/02/2024	24	150X150	22500		310	13.77	
3	23/02/2024	24	150X150	22500		280	12.44	
Average Compressive Strength (N/mm ²):								13.18

Comments :	Lab in Charge:	Akshil K.C
	[Name & Signature]	
	Faculty in Charge:	Shilpa Vahakumar
	[Name & Signature]	

Counter Signature HOD CE

Dr. LEENA A V
PRINCIPAL
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PAYYANUR, KANNUR





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P.O Chalakkode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

REQUEST FOR TESTING OF CONCRETE CUBES

Client Address/Report To: ASSISTANT ENGINEER

LSWD SECTION

PAYYANUR MUNICIPALITY

Project Name : PRE-NO-225/23-24 CONSTRUCTION OF KORUVACHERI
SYSTEM ROAD DRAINAGE.

District : KANNUR Location: PAYYANUR

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	PCC 30-01-2024	23-02-2024	25 days	M-10	Ratheesh T.V
3	SIDEWALL 01-02-2024	23-02-2024	22 days	M-15 M-15	
3	SLAB 03-02-2024	23-02-2024	20 25 days	M-20	

Any other details (optional): _____

Date: 23/2/24

Name & Signature of Lab staff

Akhil K. C

23/02/24
Shilpa Valsakumar
Lab in charge/HOD

Principal

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PAYYANUR, KANNUR



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DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

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REQUEST FOR TESTING OF CONCRETE CUBES

Client Address/Report To: PROP SOLVE PROPERTY AND PROJECT
MANAGEMENT SOLUTIONS PVT LTD.

Project Name : APARTMENT

District : KANNUR Location: THALIKKOVU

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	24/06/2023.	04/07/2023	7	M20	RISHIK.K <u>Rishik</u>

Any other details (optional): _____

Date: 04/07/2023

Name & Signature of Lab staff
ASSISTANT [Signature]

[Signature]
04/07/23
Lab in charge/HOD

Principal

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR



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P.O Chalakcode, Korom, Payyanur, Kannur – 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the _CE/ MT LAB/ Request No.: 80 dated 10/07/2023_ the test report is issued to:

Report to:	PROP SOLVE PROPERTY AND PROJECT MANAGEMENT SOLUTIONS PVT LTD.	Date	10/07/2023
		Report No.	
		Project Name	Appartment
		Location	Kannur

MIX DATA

Mix:	M20	Aggregate Size			
Dealer		Graded [Y/N]			
Cement		Admixture	Type		
W/c Ratio			Dosage		

FIELD DATA

Date / Time of Casting	24/06/2023	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+_ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	04/07/2023	7	150X150	22500		525	23.33	
2	04/07/2023	7	150X150	22500		510	22.66	
3	04/07/2023	7	150X150	22500		480	21.33	
Average Compressive Strength (N/mm ²):								22.44

Comments :	Lab in Charge: Akhil K.C [Name & Signature]
	Faculty in Charge: Rishna K Ramon [Name & Signature]

Counter Signature HOD CE

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PAYYANUR, KANNUR

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SREE NARAYANAGURU COLLEGE OF ENGINEERING & TECHNOLOGY
P.O Chalakkode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

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REQUEST FOR TESTING OF CONCRETE CUBES

Client Address/Report To: PROP SOLVE PROJECT AND MANAGEMENT
PVT LTD.

Project Name : APARTMENT

District : KANNUR Location: KANNUR.

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	12-05-2023	22/05/2023		M20	RISHIK K <u>Rishik</u>

Any other details (optional): Please collect charges 750/- for 3 cubes.

Date: 22/05/2023

Name & Signature of Lab staff

Reeba N Dargya [Signature]

[Signature]

Pooja K. P.

Lab in charge/HOD

Principal

[Signature]

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PRINCIPAL
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PAYYANUR, KANNUR



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P.O Chalakcode, Korom, Payyanur, Kannur – 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the _CE/ MT LAB/ Request No.: 75_ dated 22/05/2023_ the test report is issued to:

Report to:	POP SOLVE PROJECT AND MANAGEMENT	Date	22/05/2023
		Report No.	
		Project Name	Appartment
		Location	Kannur

MIX DATA

Mix:	M20	Aggregate Size			
Dealer		Graded [Y/N]			
Cement		Admixture	Type		
W/c Ratio			Dosage		

FIELD DATA

Date / Time of Casting	12/05/2023	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+_3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	22/05/2023	7	150X150	22500		550	24.44	
2	22/05/2023	7	150X150	22500		560	24.88	
3	22/05/2023	7	150X150	22500		460	20.44	
Average Compressive Strength (N/mm ²):								23.25

Comments :	Lab in Charge:	Akshil K.e
	[Name & Signature]	
	Faculty in Charge:	Shilpa Valsakumar
	[Name & Signature]	

May H
Counter Signature HOD CE

Leena
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PAYANUR, KANNUR

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P.O Chalakcode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

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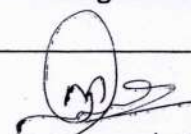
REQUEST FOR TESTING OF CONCRETE CUBES

Client Address/Report To: Assistant Engineer

Payyannur municipality

Project Name : Govt. Veterinary Hospital work

District : Kannur Location: Payyannur

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	14-01-2023	17-02-2023	28	M20	 muhammad shariq P

Any other details (optional): _____

Date: 17/2/23

Name & Signature of Lab staff

Akhil K.C



Principal



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SREE NARAYANA GURU COLLEGE OF
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PAYYANUR, KANNUR



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P.O Chalakcode, Korom, Payyanur, Kannur – 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the _CE/ MT LAB/ Request No.: 71_ dated 17/02/2023_ the test report is issued to:

Report to: Assistant Engineer, Payyanur Municipality	Date	17/02/2023
	Report No.	
	Project Name	Govt. Veterinary hospital
	Location	Payyanur

MIX DATA

Mix:	M20	Aggregate Size			
Dealer		Graded [Y/N]			
Cement		Admixture	Type		
W/c Ratio			Dosage		

FIELD DATA

Date / Time of Casting	14/01/2023	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+_ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	17/02/2023	28	150X150	22500		750	33.33	
2	17/02/2023	28	150X150	22500		790	35.11	
3	17/02/2023	28	150X150	22500		725	32.22	
Average Compressive Strength (N/mm ²):								33.55

Comments :	Lab in Charge:	Akshai K.S
	[Name & Signature]	
	Faculty in Charge:	
	[Name & Signature]	Shilpa Valsakumar

Counter Signature HOD CE

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





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P.O Chalakcode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

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REQUEST FOR TESTING OF CONCRETE CUBES

CE/ MT LAB/ Request No :

62

Client Address/Report To :

KL ABDUL SATIHAR IMPEX PVT LTD.

Project Name :

STRUCTURAL COLUMN

District :

KANNUR

Location :

TALIPPARAMBA

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	24/10/22	22/11/22	28	M20	Muhammad. Riyaz

Any other details (optional):

Collect Rs. 250 for each cube.

Date: 22/11/22

Name & Signature of Lab staff

Akhil K.C

Lab in charge/HOD

Principal

Dr. LEENA A V
PRINCIPAL

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PAYYANUR, KANNUR



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P.O Chalakkode, Korom, Payyanur, Kannur – 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the _CE/ MT LAB/ Request No.: 62_ dated 22/11/2022_ the test report is issued to:

Report to:	KL ABDUL SATHAR IMPEX PRIVATE LTD.	Date	22/11/2022
		Report No.	
		Project Name	STRUCTURAL COLUMN
		Location	TALIPARAMBA, KANNUR

MIX DATA

Mix:	M20	Aggregate Size		
Dealer		Graded [Y/N]		
Cement		Admixture	Type	
W/c Ratio			Dosage	

FIELD DATA

Date / Time of Casting	24/10/2022	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+_ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	22/11/2022	28	150X150	22500		660	29.33	
2	22/11/2022	28	150X150	22500		775	34.44	
3	22/11/2022	28	150X150	22500		710	31.55	
Average Compressive Strength (N/mm ²):								31.77

Comments :	Lab in Charge:	Akhil K.C
	[Name & Signature]	<i>[Signature]</i>
	Faculty in Charge:	<i>[Signature]</i>
	[Name & Signature]	Shilpa Valsakumar

[Signature]
Counter Signature HOD CE

[Signature]
Dr. LEENA A V
PRINCIPAL
SREE NARAYANA GURU COLLEGE OF
ENGINEERING & TECHNOLOGY
PAYANUR, KANNUR





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P.O Chalakcode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

REQUEST FOR TESTING OF CONCRETE CUBES

CE/ MT LAB/ Request No : 50

Client Address/Report To: KL ABDUL SAHAR IMPER
PRIVATE LIMITED

Project Name : Plinth beam

District : Kannur Location: thaliparamba

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
3	28/06/22	26/07/22	28th	M20	<u>Deekhidh</u> <u>als</u>

Any other details (optional):

Rs 750/- for 3 cubes.
(Rs 250/- per cube)

Date: 26/7/22

Name & Signature of Lab staff

Lab in charge/HOD

Akhil K.C
Akhil
Principal
26/7/22

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

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26-07-22



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DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the CE/ MT LAB/ Request No.: 50 _ dated 26/07/2022 _ the test report is issued to:

Report to: KL ABDUL SATHAR IMPEX PRIVATE LTD.	Date	26/07/2022
	Report No.	
	Project Name	PLINTH BEAM
	Location	TALIPARAMBA, KANNUR

MIX DATA

Mix:	M20	Aggregate Size		
Dealer		Graded [Y/N]		
Cement		Admixture	Type	
W/c Ratio			Dosage	

FIELD DATA

Date / Time of Casting	28/06/2022	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+_ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	26/07/2022	28	150X150	22500		750	33.33	
2	26/07/2022	28	150X150	22500		770	34.22	
3	26/07/2022	28	150X150	22500		695	30.88	
Average Compressive Strength (N/mm ²):								32.81

Comments :	Lab in Charge: <i>Abhil k.c</i> [Name & Signature]
	Faculty in Charge: <i>Shilpa Valsakumar</i> [Name & Signature]

May H
Counter Signature HOD CE

Leena
Dr. LEENA A V
PRINCIPAL
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PAYYANUR, KANNUR





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DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

CONCRETE COMPRESSION TEST REPORT

As per the CE/ MT LAB/ Request No.: 14 dated 25/01/2022
the test report is issued to:

Report to:	SILK, ATHANI, THRISSUR FOR DEPARTMENT OF TOURISM	Date	25/01/2022
		Report No.	
		Project Name	MEENKUZHI WATER RECREATION PROJECT
		Location	PAYYANUR KANAI

MIX DATA

Mix:	M20	Aggregate Size		
Dealer		Graded [Y/N]		
Cement		Admixture	Type	
W/c Ratio			Dosage	

FIELD DATA

Date / Time of Casting	19/01/2022	Slump		mm
Curing Type		Temperature	Ambient	°C
Structural Member			Concrete	27+ 3 °C

TEST DATA

Sample Number	Date Tested	Age [Days]	Size [cm]	Area [Sqcm]	Weight [kg]	Load at Failure [kN]	Compressive Strength N/mm ²	Remarks
1	25/01/2022	7	150X150	22500		305	13.55	
2	25/01/2022	7	150X150	22500		310	13.77	
3	25/01/2022	7	150X150	22500		310	13.77	
Average Compressive Strength (N/mm ²):								13.69

Comments :	Lab in Charge:	Sayyisha
	[Name & Signature]	Sayyisha
	Faculty in Charge:	Shilpa Vahakumar
	[Name & Signature]	Shilpa Vahakumar

Counter Signature HOD CE

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





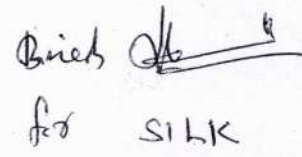
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P.O Chalakkode, Korom, Payyanur, Kannur - 670307.

DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

REQUEST FOR TESTING OF CONCRETE CUBES

CE/ MT LAB/ Request No : 14
Client Address/Report To: SILK, Athani, Thirissur
for Dept of TOURISM

Project Name : Meenkuzhy Water Recreation - Project
District : Kannur Location: Payyanur - Kannur

No. of Cubes	Date of Casting	Date of Testing	Age of Concrete Cube	Mix	Name & Signature of Client
1	19-01-2022	25-01-2022	7	M20	 for SILK
1	19-01-2022	25-01-2022	7	M20	
1	19-01-2022	25-01-2022	7	M20	

Any other details (optional): _____

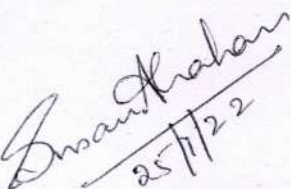
Date: 25/01/2022

Name & Signature of Lab staff

Shinoy.v.v 

Principal




25/1/22

Lab in charge/HOD


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



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PAYYANNUR
DEPARTMENT OF CIVIL ENGINEERING
MATERIAL TESTING LABORATORY

TEST REPORT

Sub: **Quality assessment of construction material supplied – reg.**

Ref : Letter dated on 28/01/2020 from Assistant Engineer, Kerala Public Work Department Building section, Payyanur, Kannur – 670307.

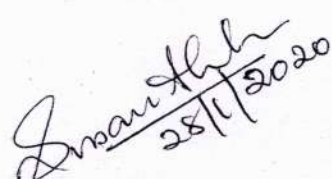
With reference to your letter cited above, the following 28th day compressive strength test has been completed as per relevant IS specification and the result are furnished herewith.

CONCRETE CUBES:-

Sl. No.	Details of the Sample	Date of Casting	Date of Testing	Compressive Strength N/mm ²
1.	150mmx150mmx150mm	31/12/2019	28/01/2020	33.33 N/mm ²
2.		31/12/2019	28/01/2020	42.2 N/mm ²
3.		31/12/2019	28/01/2020	36.88 N/mm ²


28/01/2020
Lab staff-in –charges




28/1/2020
Faculty-in-charge


Dr. LEENA A V
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PAYYANUR, KANNUR

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PAYYANNUR

DEPARTMENT OF CIVIL ENGINEERING

MATERIAL TESTING LABORATORY

TEST REPORT

SUB: Quality assessment of construction material supplied – reg.

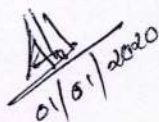
Karappath Ayurveda Dispensary Building Construction in Pilicode, 671310

With reference to your letter cited above, the following 28th day compressive strength test has been completed as per relevant IS specification and the result are furnished herewith.

CONCRETE CUBES:-

Sl. No:	Details of the sample	Date of casting	Date of testing	Compressive strength N/mm ²
1.	150mmx150mmx150mm	02/12/2019 04/12/2019	30/12/2019 01/01/2020	16 N/mm ² 16.6 N/mm ²

Lab staff in –charge


01/01/2020


01/01/2020

Faculty-in-charge


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PAYYANNUR

DEPARTMENT OF CIVIL ENGINEERING

MATERIAL TESTING LABORATORY

TEST REPORT

Sub : Quality Assessment of construction materials supplied – reg

Ref: Letter dated 12/04/2018 from THE MANAGER, ABC Sales Corporation, PAYYANNUR

Sample supplied by the client

With reference to your letter cited above, the Compressive strength test has been completed for the as per relevant IS specification and the results are furnished herewith.

INTERLOCK BLOCK:

Sl No.	Details of the sample	Compressive strength M Pa
1.	Interlock Blocks	12
2.		11.33
3.		10.6

Lab Staff- in- charge

Abhinav V.V



Shilpa Valsakumar

Faculty- in- charge

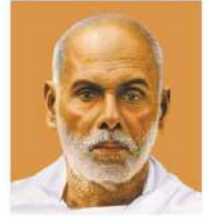


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PAYYANUR, KANNUR



Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



PROJECT EMERGE INNOVATE 2023



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

Introducing Innovations under SNGCET with the Project EmergeInnovate2023

Ref Order: SNGCET/CIR/72/2023 Dtd:20/10/23

Dr. Leena A V- Principal (Chairperson)

Dr. Raji Sukumar A - Associate Professor CSE (Co-ordinator)

Dr. Susan Abraham - Dean UG&PG (Member)

Dr. Sudin Chandran -Associate Professor ME (Member)

Mr. Shyaman V P -Assistant Professor S&H (Member)

Implementation Project: **EmergeInnovate2023** : Igniting Innovation, Powering Entrepreneurship, and Advancing Research Research and Development at SNGCET Payyanur

Establishing an **Innovation, Entrepreneurship and R&D Centre** can significantly contribute to fostering a culture of innovation, creativity, and entrepreneurship among students and faculty. Here are the planning steps to set up the centre through the project **EmergeInnovate**.

- 1. Needs Assessment:** Begin by conducting a thorough needs assessment to understand the specific requirements and objectives of the **Innovation, Entrepreneurship and R&D Centre**. Identify the challenges and opportunities within the college and the broader community.
- 2. Innovation, Entrepreneurship and R&D Centre** Develop a clear vision and mission statement for the wing. Define its **EmergeInnovate** purpose, goals, and expected outcomes. Ensure alignment with the college's overall mission and strategic objectives.
- 3. Secure Support and Resources:** Garner support from college leadership, including the administration, faculty, and relevant departments. Allocate financial and human resources to support the wing's activities.


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

4. Design the Structure: Determine the organizational structure of the wing, including the leadership team, staff roles, and reporting relationships. Clearly define the responsibilities and expectations for each role.

5. Curriculum Development: Collaborate with faculty to design and integrate entrepreneurship and innovation courses into the existing engineering curriculum. Create interdisciplinary programs that promote innovation and entrepreneurship.

6. Faculty Training: Provide training and professional development opportunities for faculty members to enhance their understanding of entrepreneurship and innovation concepts and pedagogical approaches.

7. Student Engagement: Develop a range of programs and initiatives to engage students in entrepreneurship and innovation activities. This may include hackathons, pitch competitions, workshops, and guest lectures.

8. Mentorship and Networking: Establish a network of mentors, industry experts, and successful entrepreneurs who can provide guidance and support to students. Encourage alumni involvement in mentoring.

9. Incubation and Acceleration: Create an incubation and acceleration program to support student startups. Provide access to co-working spaces, funding opportunities, legal assistance, and mentorship for early-stage ventures.

10. Infrastructure and Facilities: Ensure that the wing has the necessary infrastructure, including dedicated innovation labs, maker spaces, and technology resources to support students' projects and research.


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11. Sustainability: Develop a sustainability plan to ensure the long-term viability of the wing.

Project EmergeInnovate2023: Action Plan

Duration: August 2023 to December 2023

Objective: To foster innovation, entrepreneurship, and research & development (R&D) at Sree Narayana Guru College of Engineering and Technology (SNGCET) in Payyanur.

Overview:

Project EmergeInnovate2023 aims to create a vibrant ecosystem that nurtures innovation, creativity, and entrepreneurial spirit among students, faculty, and staff at SNGCET. The project will leverage existing initiatives such as the Innovation and Entrepreneurship Development Cell (IEDC), the Institution Innovation Council (IIC), the MSME Business Incubation (HI/BI) unit, Entrepreneurship Development Clubs (ED Clubs), and participation in schemes like Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0) and Smart India Hackathon (SIH) 6.0.

Action Plan:

Launch of Innovation Challenges: Organize innovation challenges to encourage students to ideate and develop solutions to real-world problems. Collaborate with industry partners and alumni to provide mentorship and guidance throughout the process.

Participation in Smart India Hackathon (SIH) 6.0: Encourage students to participate in SIH 6.0 to solve pressing problems through innovative solutions. Provide guidance and support to student teams throughout the hackathon process.

Faculty and Student Engagement: Facilitate faculty and student engagement through the Institution Innovation Council (IIC). Organize seminars, workshops, and guest lectures to foster a culture of innovation and entrepreneurship across campus.

Impact Assessment and Evaluation: Conduct regular assessments to measure the impact of the project on student learning outcomes, startup success rates, and industry collaborations. Use feedback to iterate and improve project initiatives.

Portfolio: The Innovation and Entrepreneurship Development at Sree Narayana Guru College of Engineering and Technology (SNGCET) is a vibrant and dynamic hub committed to fostering innovation, creativity, and entrepreneurial spirit among students. With a vision to


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transform ideas into impactful business ventures and technological solutions, our initiatives aim to address real-world challenges and contribute to societal progress. Through strategic collaborations and proactive engagement, we empower students to explore novel concepts, hone their entrepreneurial skills, and emerge as catalysts for change in the industry and society.

Organizations	About	Authority
IEDC	The Innovation and Entrepreneurship Development Cell (IEDC) under Kerala Start-up mission at Sree Narayana Guru College of Engineering & Technology (SNGCET) is a dynamic hub dedicated to Nurturing innovation, creativity, and entrepreneurial spirit among students. Established with the vision of nurturing future leaders and innovators, IEDC SNGCET serves as a enabler for transforming ideas into viable business ventures and technological solutions that address real-world challenges.	Kerala Startup Mission Innovation and Entrepreneurship Development Centre
IIC	SNGCET Institution Innovation Council(IIC) , operating under the auspices of the Ministry of Human Resource Development (MHRD), Government of India, is a dynamic hub for fostering innovation and entrepreneurial spirit within the higher education landscape. Aligned with the visionary objectives set forth by MHRD's Innovation Cell (MIC), SNGCET IIC is dedicated to cultivating a culture of innovation among students, faculty, and staff members alike. Its mission is the empowerment of young minds, encouraging them to explore new ideas and translate them into tangible prototypes during their educational journey. By providing a supportive environment and access to resources, SNGCET IIC nurtures the innovative potential of individuals, helping them realize their creative aspirations.	Ministry of Human Resource Development (MHRD)
MSME	SNGCET Hoster Institute Business Incubation HI/BI for MSMEs , established under the aegis of the Ministry of Micro, Small, and Medium Enterprises (MSME), Government of India, serves as a dedicated unit within SNGCET to promote innovation and entrepreneurship among start-ups and Micro, Small, and Medium	Ministry of Micro, Small, and Medium Enterprises (MSME)


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	Enterprises (MSMEs). Embracing the vision of the MSME HI/BI scheme, the unit is committed to nurturing untapped creativity and facilitating the adoption of cutting-edge technologies among MSMEs.	
R&D	Research & Development Centre: SNGCET The Research and Development (R&D) Centre at SNGCET is a dynamic hub of innovation and scholarly inquiry, dedicated to advancing knowledge, driving technological innovation, and addressing societal challenges. With a multidisciplinary approach and state-of-the-art infrastructure, the R&D Centre catalyzes research excellence and industry collaboration. Faculties and Students can apply projects,	SNGCET need to bring R&D Papers and Submit Research Projects
Campus Industrial Parks	Sree Narayana Guru College of Engineering & Technology (SNGCET) is actively involved in promoting entrepreneurship scale up through Campus Industrial Parks which represent an innovative approach to addressing the shortage of land for industrial development in Kerala. The government's initiative to utilize land under educational institutions for industrial infrastructure is a strategic move towards fostering entrepreneurship and strengthening industry-academia collaboration. By developing industrial parks within campuses, students are encouraged to explore entrepreneurial ventures, while also providing a platform for the manufacturing of products developed through academic research. This symbiotic relationship between education and industry not only addresses the scarcity of industrial space but also nurtures a dynamic ecosystem that empowers youth to become entrepreneurs and contribute to economic growth. Moreover, Campus Industrial Parks serve as catalysts for innovation and knowledge transfer, facilitating the seamless integration of academic research into practical industrial applications.	Department of Industries & Commerce, Government of Kerala


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PMKVY 4.0	Sree Narayana Guru College of Engineering & Technology (SNGCET) is proud to participate in the Pradhan Mantri Kaushal Vikas Yojana (PMKVY 4.0), the flagship scheme of the Ministry of Skill Development and Entrepreneurship (MSDE) in India. Launched in 2015, PMKVY has undergone several iterations to better serve the needs of Indian citizens and industry stakeholders. As of now, the Ministry is implementing the fourth version of the scheme, known as PMKVY 4.0.	Government of India Ministry of Skill Development and Entrepreneurship
KIED	Kerala Institute For Entrepreneurship Development, The students who are part of Entrepreneurship Development Clubs (ED Clubs) of the Department of Industries and Commerce, Government of Kerala or actively involved in campus based entrepreneurship was given exposure to business modeling through Boot Camps conducted at the district level. Further, they presented their business models before a panel. Teams selected at the district level were given business mentorship by leading entrepreneurs/experts from across India. Subsequently, they were trained on developing investor pitches. This was followed by a physical mock pitch session and mentoring at Kochi. Product Expo, As part of the Yuva bootcamp product/service expo is also conducted on the same day. Also they will give funding for Tech Horizon.	Promoted by the Government of India and Government of Kerala
YIP	Young Innovators Programme is a specially designed programme under Kerala Development and Innovation Strategic Council (K-DISC). The programme aims to empower future innovators to innovate new products, services or models to meet emerging requirements, unarticulated needs, or existing market needs of the society more effectively through an innovative challenge.	Kerala Development and Innovation Strategic Council (K-DISC) Government of Kerala

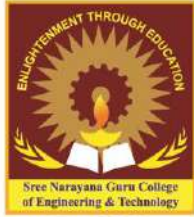

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SIH6.0	Ministry of Education, Govt. of India has established an 'Innovation cell' with the purpose of systematically fostering the culture of Innovation in all Higher Education Institutions (HEIs) across the country in 2018. Since then the Ministry of Education's Innovation Cell (MIC) has taken multiple policy and program initiatives to systemically establish the world's biggest open innovation model at global stage. MIC has brought the Tectonic shift in Innovation & entrepreneurship ecosystem of our Higher Educational Institutions and School Education through outcome and output-oriented policy and program efforts. The Innovation Cell works on its four pillars of excellence i.e. Policy Intervention; Handholding of HEIs and schools, Faculty & Students; Impact Assessment; and Facilitating National & International platforms for Indian and global students. Smart India Hackathon is a nationwide initiative by MIC to provide to Regular Students of HEI's pursuing "Graduate/Post-Graduate/Ph.D" will be able to showcase their talent and generate out-of-the-box open innovation ideas, students with a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem-solving. The first four editions SIH2017, SIH2018, SIH2019, SIH2020 and SIH2022 proved to be extremely successful in promoting innovation out-of-the-box thinking in young minds, especially engineering students from across India.	Ministry of Education, Govt. of India
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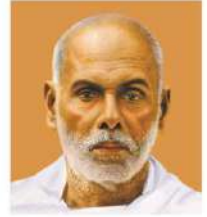
IIC	The integration of the Industry Institute Interaction Cell (IIC) with the Entrepreneurship Development (ED) Club in association with District Industries center Kannur, creates a synergistic environment for fostering innovation, resilience, and collaboration among students, faculty, and industry professionals. By leveraging the resources and support available within the institute ecosystem, entrepreneurs find a conducive platform to navigate the challenges of starting and scaling a business effectively. IIC serves as a pivotal platform for bridging the gap between academia and industry, cultivating partnerships that drive innovation and enrich student learning experiences. Through collaborative initiatives and partnerships with various Industries, IIC facilitates interactions among educational institutions, industries, students, and society, fostering a win-win scenario for all stakeholders.	District Industries center Kannur, Gov of Kerala
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Sree Narayana Guru College of Engineering & Technology

CHALAKKODE P.O., KOROM, PAYYANUR, KANNUR-670 307



HIBI



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY

From

The Principal
SNGCET,
Payyanur

To

The Director
MSME
Thrissur.

Sir

Sub: Request for Permission to Organize Entrepreneurship Awareness Program at SNGCET Payyanur

I am writing to request your permission to organize an Entrepreneurship Awareness Program at Sree Narayana Guru College of Engineering and Technology (SNGCET) in Payyanur. The program is intended to align with the schemes and initiatives of the Micro, Small, and Medium Enterprises (MSME) sector.

The proposed program aims to empower our students and aspiring entrepreneurs from the surrounding areas by providing them with valuable insights, resources, and networking opportunities to explore and pursue entrepreneurial ventures. Through informative sessions, interactive discussions, and expert insights, we aim to foster a culture of innovation, creativity, and entrepreneurship among our participants.

The program will cover various aspects of entrepreneurship, including licensing procedures, government schemes, access to finance, social entrepreneurship, and more, in line with the objectives set forth by the MSME sector. We believe that such initiatives are crucial for nurturing the entrepreneurial spirit and driving economic growth in our region. We are committed to ensuring the success of this program and will adhere to all guidelines and protocols set forth by the MSME sector. Additionally, we will work closely with your esteemed office to

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ensure that the program aligns seamlessly with the objectives and initiatives of the MSME sector.

We kindly request your approval and financial support for this initiative. Your permission will enable us to proceed with the necessary arrangements and preparations to make this program a meaningful and impactful experience for all participants. A detailed Proposal and program chart enclosed with this.

Thank you for considering our request. We look forward to your favorable response and the opportunity to collaborate on this important endeavor.

Warm regards,

Dr. Leena A V
Principal
SNGCET



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Fwd: Recognition of the Institute as Host Institute (HI) for implementation of the Incubation component under MSME Innovative Scheme (MSME Champion scheme) -reg.

innovation SNG <innovation@sngcet.ac.in>
To: SOUBHAGYA P S <soubhagya@sngcet.ac.in>

Sat, Apr 20, 2024 at 3:36 PM

----- Forwarded message -----

From: Incubation component under MSME Innovative Scheme (MSME Champion scheme) <helpline-msme@gov.in>

Date: Mon, Mar 4, 2024 at 5:52 PM

Subject: Recognition of the Institute as Host Institute (HI) for implementation of the Incubation component under MSME Innovative Scheme (MSME Champion scheme) -reg.

To: <innovation@sngcet.org>

विकास आयुक्त का कार्यालय
(सूक्ष्म, लघु एवं मध्यम उद्यम)
सूक्ष्म, लघु एवं मध्यम उद्यम मंत्रालय
(भारत सरकार)

निर्माण भवन, सातवीं मंजिल, मौलाना आज़ाद रोड,
नई दिल्ली-110 108



OFFICE OF THE DEVELOPMENT COMMISSIONER
(MICRO, SMALL & MEDIUM ENTERPRISES)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA

Nirman Bhawan, 7th Floor, Maulana Azad Road,
New Delhi-110 108

Ph. EPAX-23063800, 23063802, 23063803, 23063804, 23063805 & 23063806

File No. : 17(2)/MSME/Innovative/PMAC/2021-22

Date : 04-03-202

To,

SREE NARAYANA GURU COLLEGE OF ENGINEERING AND TECHNOLOGY
CHALAKODE(PO), PAYYANNUR, KANNUR

Sir/Madam,

The proposal submitted by your institute for recognition as Host Institute (HI) for implementation of the Incubation Component under MSME Innovative Scheme has been considered & in-principally approved in the Meeting of 7th PMAC held on 15/02/2024 at New Delhi under the Chairmanship of AS & DC (MSME).

In view of the above, your institute will become eligible to submit new innovative ideas for getting financial support under the MSME Innovative (Incubation Component) scheme as per guidelines. Please upload Undertaking for Development of Ideas and Utilization of Funds duly signed and stamped as per proforma (Attached).

Undertaking for Development of Ideas and Utilization of Funds proforma [Click here](#)

Yours faithfully,

(Vinamra Mishra)
Director (Technical and Projects)

This is an automated message, Do not reply.

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Undertaking for Utilization of Funds under the Incubation component of MSME Innovative Scheme through Host Institute

1.0 (Name of authorized signatory) _____for the Host Institution as (Name of the Host Institute)as approved by the PMAC and its legal status, having its registered office at (Full Address)_____

2.0 RESPONSIBILITIES OF THE HOST INSTITUTE (HI)

2.1 The HOST INSTITUTE shall undertake to create (if not already created) an entity for undertaking innovative and entrepreneurship development activities and executing obligations under the proposed SCHEME. This entity is referred hence forth as the Business Incubator (BI).

2.2 The activities of the BI shall include:

2.2.1 Nucleation of new innovative ideas by creating the environment and opportunities for know- how providers, entrepreneurs and financiers to meet each other and form business teams;

2.2.2 Nurturing businesses in their start-up phase by creating and running an efficient BI offering not only space but also access to technology support, business mentoring, networks, scientific and information resources, and a generally conducive and supportive environment; and

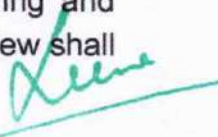
2.2.3 Promoting and running an active programme for identification, creation, acceleration and translation (into practice) of innovative ideas suitable for new venture creation.

2.3 The HOST INSTITUTE shall provide ready-to-use, dedicated space for housing and operation of the BI.

2.4 The HOST INSTITUTE shall be responsible for providing access to basic infrastructural facilities, office facilities and laboratory/facilities for the BI.

2.5 The HOST INSTITUTE shall be responsible for arranging the resources for the day-to-day operation of the BI.

2.6 The HOST INSTITUTE shall be responsible for the overall monitoring and evaluation of the BI on a periodical basis. The reports of the periodical review shall be made available to all the promoters of the BI.


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2.7 The Incubation Centre shall be run by dedicated staff and shall also utilize the services of faculty/staff of the HOST INSTITUTE or experts from outside.

3.0 IMPLEMENTATION OF THE SCHEME AND FINANCIAL ARRANGEMENTS

3.1 The HOST INSTITUTE thereof shall vet the feasibility of the proposals received and recommend proposals to the Government for support under the SCHEME through the BI.

3.2 The HOST INSTITUTE shall ensure that the selection of entrepreneurs/incubatees is fair and utilization of the fund is done with fairness for the development and nurturing of the idea of the incubatee.

3.3 The HOST INSTITUTE shall ensure that the fund requested for are as per approved guidelines of the scheme only and as per procedure.

3.4 The HOST INSTITUTE shall maintain separate bank accounts for the funds received and expenditure incurred on various activities. Further, the HOST INSTITUTE would submit Annual Accounts, Audited expenditure Statement and Utilization Certificate to the Government as per procedure.

3.5 The HOST INSTITUTE shall submit the agreement as per prescribed format to be made between HI and Incubatee to the Government before release of funds to the HOST INSTITUTE.

3.6 The assets created through the scheme shall not be transferred/disposed off without prior permission of the Government of India.

3.7 In the event, it is found that the HI/BI has not utilized amount of grant, or any part of it , for the purpose or has subsequently disposed off any of the assets acquired out of the grant without prior permission of the Government, the Government without prejudice, shall be entitled to terminate this registration and may take necessary action as per procedure.

4.0 DISPUTE RESOLUTION

4.1 Any disputes shall be settled amicably between parties through the intervention and assistance of the Executive Head of the BI. If the dispute is not resolved, then the matter may be escalated to IA/NMIU and finally to Development Commissioner (MSME) whose decision shall be final and binding on all parties.

4.2 Any disputes, which cannot be settled amicably between the parties shall be referred for arbitration in accordance with the provision of Arbitration and Conciliation Act, 1996 to an arbitrator nominated by the Secretary, Department of Legal Affairs, M/o Law & Justice, and Government of India. Provision of the Arbitration and Conciliation Act, 1996, as amended from time to time, shall be

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applicable. Courts in Delhi shall have jurisdiction in the matter.

Signature with stamp by the Host Institute



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