

# SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING

[Affiliated to APJ Abdul Kalam Technological University, Kerala]  
Kadayiruppu P O, Ernakulam, Kerala – 682 311

## **DIRC FOR CENTRE FOR INNOVATIONS**

<b>Department-</b>	<b>Specific Name of Centre for Innovations</b>
1. CE	- THE CENTRE FOR INNOVATIONS IN SUSTAINABLE MATERIALS AND WASTE MANAGEMENT (CISMWM)
2. CSE	- CENTRE OF INNOVATION IN ADVANCED COMPUTATIONS AND SYSTEMS (CIACS)
3. ECE	- CENTRE FOR INNOVATIONS IN INTEGRATED ELECTRONICS AND COMMUNICATION [CIIEC]
4. EEE	- CENTRE FOR INNOVATION IN CLEAN ENERGY (CICE)
5. ME	- CENTRE OF INNOVATION IN COMPUTATIONAL MECHANICS AND ADVANCED MATERIALS (CICMAM)
6. MBA	- CENTRE FOR INNOVATION AND ENTREPRENEURSHIP (CIE)
7. MCA	- CENTER FOR INNOVATION IN COMPUTATIONAL AUGMENTATION AND SYSTEMS [CICAS]
8. SH	- CENTRE FOR INNOVATIONS IN BASIC AND APPLIED SCIENCE (CIBAS)
9. NASB	- CENTER FOR INNOVATION IN MARINE AND OFFSHORE TECHNOLOGY [CIMOT]

Sree Narayana Gurukulam College of Engineering, Kadayiruppu

SNGCE/AD/B-1/FL041

23/07/2018

CIRCULAR

**DEPARTMENT OF CIVIL ENGINEERING**

The 'Centre for Innovation in Sustainable Materials and Waste Management' was instituted on 23/07/2018 with a view to integrate the research innovations and activities within the Department. The Centre for Innovation in Sustainable Materials and Waste Management (CISMWM) is a research centre focused on advancing sustainable materials and waste management practices. The centre aims to develop innovative solutions that address environmental challenges and promote sustainable development.

**The constitution of the proposed committee is as follows:**

Dr. S.Usha, Professor and HOD	Ex-Officio Member & Head
Mr. Ajith A V, Associate Professor	Member & Centre Manager
Ms. Reshmi P R, Assistant Professor	Member
Ms. Jeena Mathew, Assistant Professor	Member
Ms. Shilpa Sara Kurian	Member



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1. Reception – To circulate among all HoDs, Staff & students groups Website
2. File





## SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING

Approved by AICTE and affiliated to A.P.J. Abdul Kalam  
Technological University & Mahatma Gandhi University  
(Managed by Sree Narayana Gurukulam Charitable Trust  
Promoted by SNDP Yogam, Kunnathunadu Union)

### Department of Computer Science and Engineering

#### Department Innovation and Research Committee

Department innovation and Research Committee is constituted on 11-03-2020 with HOD Dr.Smitha Suresh as ex-officio member and chairperson of Center of innovation in Advanced Computations and Systems with a vision to support Innovations in advanced computations and systems Ms.Sindhu M.P. Assoc.Professor,CSE is appointed as center Manager of CIACS .

CIACS motivate researchers and students to publish technical papers in reputed National and International Conferences and Journals .International Conferences are conducted periodically to transfer the knowledge in new technologies among the students and faculty members which is lead by Mr.Saini Jacob Soman Assoc.Professor,CSE.

A project Development cell was set up with Ms.Nimmi M.K , Asst.Professor,CSE as coordinator under CIACS to develop innovative projects in emerging fields of Computer Science.Project Exhibition is conducted every year to identify innovative student projects for promoting new ideas.CIACS also aims to conduct sustainable society computer literacy programs periodically coordinated by Ms.Lisha Kurian , Asst.Professor,CSE.



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# CENTRE OF INNOVATION IN ADVANCED COMPUTATIONS AND SYSTEMS (CIACS)

## 1. Objective:

- i. To create awareness and opportunities among students and faculty members to develop innovative projects and improve their knowledge and skills.
- ii. To foster an environment where staff employees will engage in research projects and enroll for doctoral programmes in order to advance their career.
- iii. To motivate faculty members and students to present research papers in reputed National and International Conferences and publish papers in leading Journals..
- iv. Encourage faculty members and students to submit project proposals to different funding agencies for financial assistance.
- v. Facilitate interaction with external agencies and industries to promote mutually beneficial projects.
- vi. To serve the society by helping to resolve problems of daily life through science and technology means.

## 2. Outcomes:

- i. To provide opportunities to showcase the talent they acquired through innovative science and technology approaches in solving the problem of people in daily life.
- ii. To facilitate the use of advanced computation and systems in improving the quality of life
- iii. Flow of more human and financial resources to the institution there by improving the quality of research , development of new skills and products.

## 3. Beneficiaries and Benefits:

- i. Prolific research experience for both staff and students.
- ii. Creation of more knowledge and skills which will be beneficial to the society.

## 4. Contributions to Vision and Mission:

- i. Innovations in advanced computations and systems help to create a smart future where people can enjoy the improved quality of life.
- ii. Searches for intelligent solutions to tackle major social ills, seeks more proactive approaches to predict the future in uncertain times and develop strategies to remove barriers to a smart future.



  
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### Policy on Centre for Innovations

1. CIACS organizes student training programs in advanced fields of Artificial intelligence, Machine learning, Block Chaining, Cyber security, IoT and many emerging fields of Computer Science.
2. Technical talks, Workshops, webinars, Seminars and International Conferences for creation and transfer of knowledge among the students and faculty members.
3. **CIACS** supports research publication of the faculty and students in peer reviewed, UGC approved journals and conference proceedings.
4. **CIACS** conducts **FDPs** in emerging fields of Computer Science.
5. **The CIACS** teams identify and target innovative student projects to promote the development of new ideas.
6. **CIACS conducts** project exhibitions and competitions to improve team work, skills and thereby increasing the confidence of students.
7. Conducts awareness class for researchers and teachers to emphasize the need and importance of Patents.
8. Conducts motivational talks and interaction with Alumni entrepreneurs to share their success stories with our students to inspire them to start entrepreneurship and other initiatives.
9. Conducts Computer Literacy Programs periodically for the local community to make them digitally update.



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**SREE NARAYANA GURUKULAM COLLEGE OF ENGINEERING**  
**DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**  
**CENTRE FOR INNOVATIONS IN INTEGRATED ELECTRONICS AND COMMUNICATION (CIEC)**

**CIRCULAR**

24/11/2021

Centre for Innovations in Integrated Electronics and Communication is constituted to implement innovative ideas in electronics engineering. It provides a platform for intellectual developments of students in the field of research. It also provides a platform for researchers and scholars to present their ongoing research and development in the field of electronics. The following members are selected as the advisory committee of Centre for Innovations in Integrated Electronics and Communication.

1. Mr. Deepak P.-Ex. Officio Member and Head of CI
2. Mr. Aby Mathew-Member and Centre Manager
3. Mr. Shyju Y.-Member
4. Ms. Prathibha Varghese-Member

  
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1. Principal.
2. HOD(L).
3. Centre for innovations.
4. Department Notice Board.

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ENGINEERING**

**DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING**

**CIRCULAR**

1/7/2021

A Centre for Innovations in Clean Energy is constituted under the department of Electrical and Electronics Engineering with the objective of advancing research, education, and outreach in the field of clean energy, with a particular focus on innovative technologies and sustainable practices. The following members of are selected as the advisory committee for Centre for Innovations in Clean Energy.

1. Dr.Reshmila S –Ex-Officio Member and Head of CI
2. Ms.Saritha K.S – Centre Convener
3. Ms.Saritha Sathyan - Member
4. Ms. Smitha N. P. - Member

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## DEPARTMENT OF MECHANICAL ENGINEERING

### DEPARTMENT INNOVATION AND RESEARCH COMMITTEE

A committee has been constituted under the Mechanical Engineering Department of this college on June 6, 2018, at 01:00 p.m. This committee, known as the Department Committee for the Centre for Innovation in Computational Mechanics and Advanced Materials (CICMAM), comprises the following esteemed members - Prof. Jayasree S (HOD ME), Prof. Dr. Binu P. P (ME) and Assoc. Prof. Rajesh Kumar R (ME). The primary objective of the committee is to oversee and advance the goals and policies of CICMAM, aiming to contribute to the advancement of science, technology, and society through research, innovation, and education. This committee marks a significant step toward realizing CICMAM's mission, aligning with the department's vision for innovation and excellence.



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**Dated : 11-10-2021**

**DEPARTMENT OF COMPUTER APPLICATIONS**  
**Department Innovation and Research Committee**

- Department innovation and Research Committee is constituted on 11-10-2021 with HOD Dr.Sandhya R as ex-officio member and chairperson of CENTER FOR INNOVATION IN COMPUTATIONAL AUGMENTATION AND SYSTEMS [CICAS] with a vision to help students in developing their caliber to coup with the expectation of the exigent industries by providing quality education, promoting research and fostering professional and personal growth which is at par with the vision and mission of the department.
- Assoc.Professor Dr.Anoopkumar M., is appointed as center Manager of CICAS .
- Assoc.Professor Dr.Alby S and Asst.Professor Vincy Devi V K, are given the charge to coordinate different activities that motivate staff and students to undertake different projects and researches.
- An innovation cell was setup by Dr.Anoopkumar M as coordinator, under CICAS to develop innovative projects in emerging fields of computer applications and information technology.



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HOD *Sandhya R*  
Dr.Sandhya R *11/10/2021*

**Dr. SANDHYA R**  
**Professor & Head**  
**Department of Computer Applications**  
**Sree Narayana Gurukulam College of Engineering**  
**Kadayiruppu, Kerala**

**Dated: 12/04/2022**

**DEPARTMENT OF MANAGEMENT STUDIES**

**CENTRE FOR INNOVATION AND ENTREPRENEURSHIP**

Department Innovation and Research Committee are constituted with HOD Dr. Milna Susan Joseph as an ex-officio member and chairperson of the Center for Innovation and Entrepreneurship with a vision to promote specialized knowledge in entrepreneurship development, innovation, and creative ideas. It provides a platform for start-ups by budding entrepreneurs and intrapreneurs to convert their innovative ideas into commercially viable products.

Associate Professor: Dr. Rajeswari R is appointed as center manager of CIE

Assistant Professor Assistant prof Mr. Kiran Vijay is given the charge of coordinating different activities that motivate staff and students to develop innovative ideas.

An innovation cell was set up by Dr. Rajeswari as coordinator, under CIE to develop innovative ideas in the emerging field of Business Administration



Dr. Milna Joseph



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**Department of Science and Humanities**

**Circular**

**28/11/2022**

Centre for innovations in basic and applied science (CIBAS) is constituted under the department of Science and Humanities with the objective of promoting the innovative works in the field of basic and applied science. The main focus of CIBAS is to equip students with the skills required for research and innovation. The following faculties are selected as the advisory committee members of Centre for innovations in basic and applied science.

1. Dr. Preetha Varghese, Professor and HOD : Ex-Officio Member& Head of CI
2. Dr. Hitha H, Assistant Professor : Member and Centre Convener
3. Dr. Suprabha T, Adjunct Professor : Member 1
4. Ms. Silgy E G , Assistant Professor : Member 2
5. Ms. Gisha G R, Assistant Professor : Member 3



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