



NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

Pampady, Thrissur, Thiruvilwamala, Kerala 680588

(Accredited by NAAC)



DEPARTMENT OF

# COMPUTER SCIENCE

NEWS LETTER

THE  
GEEK  
LOG

2019 - 2020



## VISION

Producing Highly Competent, Innovative and Ethical Computer Science and Engineering Professionals to facilitate continuous technological advancement

1

## MISSION

To Impart Quality Education by Creative Teaching Learning Process

2

## MISSION

To Promote cutting-edge Research and Development Process

3

## MISSION

To Inculcate Entrepreneurship Skills among Students

4

## MISSION

To Cultivate Moral and Ethical Values in their Profession

## INSTITUTE VISION

To mould true citizens who are millennium leaders and catalysts of change through excellence in education.

## INSTITUTE MISSION

NCERC is committed to transform itself into a center of excellence in Learning and Research in Engineering and Frontier Technology and to impart quality education to mould technically competent citizens with moral integrity, social commitment and ethical values.

We intend to facilitate our students to assimilate the latest technological know-how and to imbibe discipline, culture and spiritually, and to mould them in to technological giants, dedicated research scientists and intellectual leaders of the country who can spread the beams of light and happiness among the poor and the underprivileged.

## PROGRAM EDUCATIONAL OBJECTIVES

**PEO1:** Graduates will be able to Work and Contribute in the domains of Computer Science and Engineering through lifelong learning.

**PEO3:** Graduates will be able to demonstrate their ability to adapt to a rapidly changing environment by learning and applying new technologies.

**PEO2:** Graduates will be able to Analyse, design and development of novel Software Packages, Web Services, System Tools and Components as per needs and specifications.

**PEO4:** Graduates will be able to adopt ethical attitudes, exhibit effective communication skills, Teamwork and leadership qualities.

## PRINCIPAL MESSAGE

**Prof.Dr. Ambikadevi Amma.T**



Nehru College of Engineering and Research Centre (NCERC), Pampady, is one of the pivotal pillars of Nehru Group of Institutions in the arena of technical education. It is also an approved research center that caters to the needs of higher education and research. Being affiliated to the APJ Abdul Kalam Technological University, the college offers courses in different branches of engineering at under graduate and post graduate levels. It is supported by a team of dedicated and eminent staff members, teaching and non-teaching, who wholeheartedly endeavor to enlighten the minds of the student fraternity. Department of Computer Science and Engineering is one among the top excellent branch of the institute that aims in development of students in all the sectors of their future life. Department takes immense efforts to bring out the best among their students and this newsletter will surely show case all their achievements of the academic year 2019-2020.

## HOD MESSAGE

**Dr. Dhanabal S**



Computer Science & Engineering is a relatively young discipline of research. Still, the first roots of computers – as machines that enhance our own thinking – go back more than a century. ; Learn more about Computer Science as a student; we love to share our passion with you. Learn how to not only use computational tools, but how to work in teams, share ideas, present, communicate – in short, join creative teams that make a positive difference. Work with us if you are an entrepreneur or partner with us to enhance our digital economy, or let us help you solve challenges in your industry. Following our Faculty of Computer Science & Engineering motto “Curiosity Drives Discovery”, we as Computer Scientists create computational “Discovery Tools” and “Think Tools”. This newsletter will surely help in finding answer to the questions of why the Department of Computer Science and Engineering is the one among the best department in the institute. This newsletter will showcase the department achievements for the academic year 2019-2020. Welcome to our new innovative world.

# OUR GOLDEN ACHIEVEMENTS

## RECOGNITION FROM GOOGLE

Our final year student Shafeeq Rahman got recognition from Google for finding vulnerability in G-mail. He was awarded with an amount of 2000 dollars through Google's Vulnerability Reward Program (VRP). The vulnerability was identified while adding one person's G-mail account with another person's account.



**ജിമെയിലിലെ സുരക്ഷാപിഴവ് കണ്ടെത്തി; ഷഫീക്കിന് ഗൂഗിളിന്റെ സമ്മാനം**

പാലക്കാട് • ജി മെയിലിൽ പിഴവു ചൂണ്ടിക്കാട്ടിയ പാലക്കാട്ടുകാരന് 2,000 ഡോളർ സമ്മാനം.

പാമ്പാടി നെഹ്റു കോളജിലെ അവസാന വർഷ കമ്പ്യൂട്ടർ സയൻസ് എൻജിനീയറിങ് വിദ്യാർഥി അലനല്ലൂർ കടിയപറമ്പ് ഷഫീക്ക് റഹ്മാനാണ് ഗൂഗിളിന്റെ വശ്നരബിലിറ്റി റിവാർഡ് പ്രോഗ്രാമിലൂടെ (വിആർപി) സമ്മാനം ലഭിച്ചത്.

ഷഫീക്ക് റഹ്മാൻ

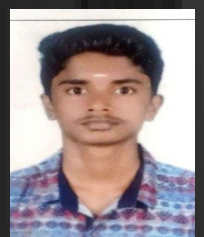
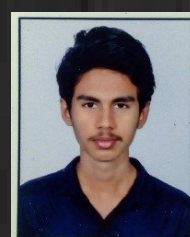
ലഭിച്ചു. ഗൂഗിൾ പോലുള്ള കമ്പനികൾ അവരുടെ ഉൽപ്പന്നങ്ങളിലെയോ സേവനങ്ങളിലെയോ ബഗുകളും സുരക്ഷാ പിഴവുകളും കണ്ടെത്തി റിപ്പോർട്ട് ചെയ്യുന്നവർക്കു സമ്മാനം നൽകാറുണ്ട്. ഒരു വ്യക്തിയുടെ ഇമെയിലിൽ മറ്റൊരു ഇമെയിൽ കൂടി ആഡ് ചെയ്യാൻ ശ്രമിക്കുമ്പോഴുണ്ടാകുന്ന സുരക്ഷാ പിഴവാണ് ഷഫീക്ക് ചൂണ്ടിക്കാട്ടിയത്.

1.32 ലക്ഷം രൂപ

# OUR GOLDEN ACHIEVEMENTS

## SMART INDIA HACKATHON 2020

Students from sixth semester Shibila S, Sanmayanand Krishna, Vishnu S, Deepika R, Goutham Gopinath, Akshay Sanker have participated in Smart India Hackathon 2020 and they are shortlisted to final round. They have presented their innovative idea to build a highly secured database with the simplest user interface. User interface is made simple so that the public can use it for their ease. It promotes state culture, tourism, agriculture with an announcement section which will give people latest information regarding the state.



## PROFESSIONAL STUDENT SUMMIT

Ms. Leenu Mathew, S6 CSE participated in professional student summit 2K20 at CUSAT Kalamassery.



# INDUSTRIAL VISITS



**Students from sixth semester have conducted an Industrial Visit to Kaynes Technology India Pvt. Ltd Mysore and Silk Weaving Factory Mysore on March 5, 2020. They were accompanied by Mrs. Silja Varghese (Assistant Professor CSE dept) and Mr. David E (Assistant Professor EEE dept).**

# SEMINARS & WEBINARS

 **Nehru College of Engineering and Research Centre**  
(NAAC accredited, approved by AICTE & affiliated to KTU) 

**PROUDLY PRESENTS**  
**BIG DATA ANALYTICS**

**WEBINAR ON**  
13 - MAY - 2020  
4PM TO 5PM

  
**SPEAKER**  
**Ms. Anjali Sunil**  
Reg Link: <https://forms.gle/PGoWmZF51oPutNWc8>

## WEBINAR ON BIG DATA

A one-day National Webinar on BIG DATA ANALYTICS was organized by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady. Webinar Session on BIG DATA ANALYTICS was conducted by Ms. Anjali Sunil, Nehru College of Engineering and Research Centre.

## WEBINAR ON MACHINE LEARNING

A one-day National Webinar on Machine Learning was organized by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady. Webinar Session on MACHINE LEARNING was conducted by Mr. ARUN K, Assistant Professor, Nehru College of Engineering and Research Centre.

 **Nehru College of Engineering and Research Centre**  
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**PROUDLY PRESENTS**  
**MACHINE LEARNING**

**WEBINAR ON**  
13 - MAY - 2020  
10.30 AM TO 11.30 AM

  
**SPEAKER**  
**Mr. Arun K**  
Asst. professor, CSE Department, NCERC  
Reg Link: <https://forms.gle/vzP5HSbhGkeX5RzE9>


# SEMINARS & WEBINARS

## WEBINAR ON VANETS

Webinar Session on VANETS was conducted by Ms. Radhika K Manjusha, Assistant Professor, Nehru College of Engineering and Research Centre. A one-day National Webinar on VANETS was organized by Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady

**Nehru College of Engineering and Research Centre**  
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**PROUDLY PRESENTS**  
**WEBINAR ON VANETS**  
(VEHICULAR ADHOC NETWORKS)

**Speaker**  
  
**Ms Radhika K Manjusha**  
Assistant Professor  
Computer Science Engineering Department  
Nehru College of Engineering and Research Centre

Date: 16<sup>th</sup> May 2020  
Time: 10:30am to 11:30 am  
Registration Link: <https://forms.gle/39fkQumbuUWMVpA7>

## SEMINAR ON BLOCK CHAIN TECHNOLOGY

Department of Computer Science and Engineering conducted a National Level Seminar on BLOCKCHAIN TECHNOLOGY on 8th August, 2019. The seminar broadly encompasses the field of Computer science trends. A total of 125 students from different institutions have attended the seminar. The expert trainer was Mr. ATHIL GAFOOR who works primarily on blockchain and IoT, is a certified Blockchain architect of Kerala Blockchain academy.





# INAUGURATION OF ENIGMA 2.0 AND TEACHER'S DAY CELEBRATION

The inaugural ceremony of the Association of Department of Computer Science and Engineering, Nehru College of Engineering and Research Centre, Pampady named ENIGMA 2.0 was held. Ms. Silja Varghese, Assistant Professor welcomed the dignitaries, faculties and students. Prof.Dr. Ambikadevi Amma T, HoD CSE and Principal NCERC presided the session and the inaugural address was delivered by the chief guest Mr. Shijo John, MD and Founder of Crypters Infosolutions and Pvt Ltd. Teacher's day celebration was also conducted as a part of the this inauguration where teachers of the department shared their experience of their teaching career to the students.



# FACULTY DEVELOPMENT PROGRAM



**Mr. Vipin K M and Ms. Anu Rinny Sunny, Asst. Professors attended FDP on Data Science from 24th to 28th June 2019 at Jyothi College of Engineering**



**Mr. Arun K M and Ms. Baby V, Asst. Professors attended FDP conducted by Infosys Campus Connect on InfyTQ based FP at Vidya College of Engineering**

# UNIVERSITY RANK HOLDERS

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
(ACCREDITED BY NAAC)

**Congratulations**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Toppers Of B.Tech 2014-18 Batch Of Calicut University

**1<sup>st</sup> Rank**



PUNAM A NAIR



NEESHMA P R  
19TH RANK



SOWMYAMOL A  
28TH RANK



SREERAJ THAMPAN  
31ST RANK



RESHMA S  
31ST RANK


# TOPPERS OF UNIVERSITY RESULTS

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
(NAAC Accredited, approved by AICTE & affiliated to KTU)


DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**CONGRATULATIONS**


**TOPPERS OF KTU UNIVERSITY RESULTS**



SNEHA T  
S8 CSE  
SGPA: 9.59




SREELAKSHMI GIRISIAN  
S8 CSE  
SGPA: 8.30




DHANYA V  
S8 CSE  
SGPA: 8.30




LEENU MATHEW  
S5 CSE  
SGPA: 9.26




AFSEENA A  
S8 CSE  
SGPA: 8.65



SHINU  
S6 CSE  
SGPA: 8.41



MANASA K S  
S4 CSE  
SGPA: 8.50



K PRAVEENA  
S4 CSE  
SGPA: 8.42



P SYAMALA KRISHNA  
S2 CSE  
SGPA: 9.18



P ERICKMON  
S2 CSE  
SGPA: 8.94



AMRUTHA P  
S2 CSE  
SGPA: 8.29

# PLACEMENT STATUS

33 students from seventh semester got placed in various MNCs like TCS, CTS, Bibox, Reliance Jio, Infosys, Wipro, Glow touch and Speridian.

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
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Students placed in TCS from CSE DEPT. NCERC

SNEHAT SB B  
SREELAKSMI GIRISAN SB B  
POOJA S NAIR SB B  
GIRISH SB A  
RAJKIRAN V R SB B  
JISHNU RAJ SB A  
GOPIKA G NAIR SB A

STUDENTS PLACED IN POORNAM INFOVISION FROM NCERC (2020 PASSING OUT BATCH)

Congratulations...

RESHMA S7 CSE  
MANUM S7 CSE

TEAM NCERC

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student placed in RELIANCE JIO

JISHNU RAJ SB A

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
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Students placed in COGNIZANT (CTS) from CSE DEPT.

ADARSH R SB A  
GOPIKA G NAIR SB A  
JISHNU RAJ SB A  
RENJITH KRISHNAMEMON SB B  
SREELAKSMI GIRISAN SB B

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
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Students placed in IBS from CSE DEPT. NCERC

SREELAKSMI GIRISAN SB B  
SNEHAT SB B

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Student placed in GLOW TOUCH from CSE DEPT. NCERC

ARUN P SB A

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Students placed in CSS CORP

ATHIRA MURALI SB A  
NAIR KRISHNANJALI KRISHNAN SB B  
MANISHA M M TECH CSE

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
Pampadi, Thiruvillwamala, Thrissur-680588  
(Accredited by NAAC)

FOUR NCERC STUDENTS PLACED IN wipro

Congratulations...

POOJA S NAIR CSE  
JISHNU RAJ CSE  
SREELAKSHMI T V CSE  
SIVARAIAN M CSE

TEAM NCERC

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
Pampadi, Thiruvillwamala, Thrissur-680588  
(Accredited by NAAC)

STUDENT PLACED IN MIND TREE

Congratulations...

MATHEW ALBERT SHIBU SB CSE

TEAM NCERC

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Student placed in ZERO ONE from CSE Dept.

P. GOWTHAM SB B

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
(NAAC Accredited)  
(Approved by AICTE, Affiliated to API Abdul Kalam Technological University, Kerala)

Students placed in BIBOX from CSE DEPT. NCERC

ANSARA SB A  
MANJU K M SB B  
SREESHIMAM SB B  
SHRINATH G SB B  
VESHNU PRASADE SB B

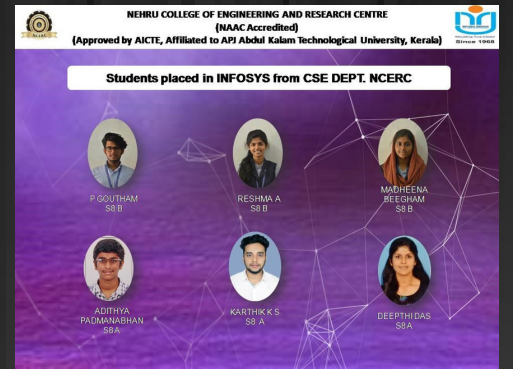
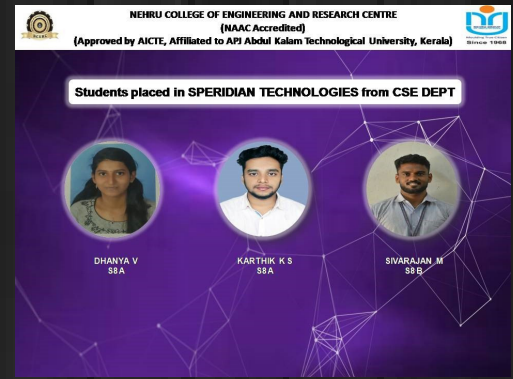
NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
Pampadi, Thiruvillwamala, Thrissur-680588  
(Accredited by NAAC)

CONGRATULATIONS...

NCERC Students Secured Three Placement Offers From Leading IT Companies

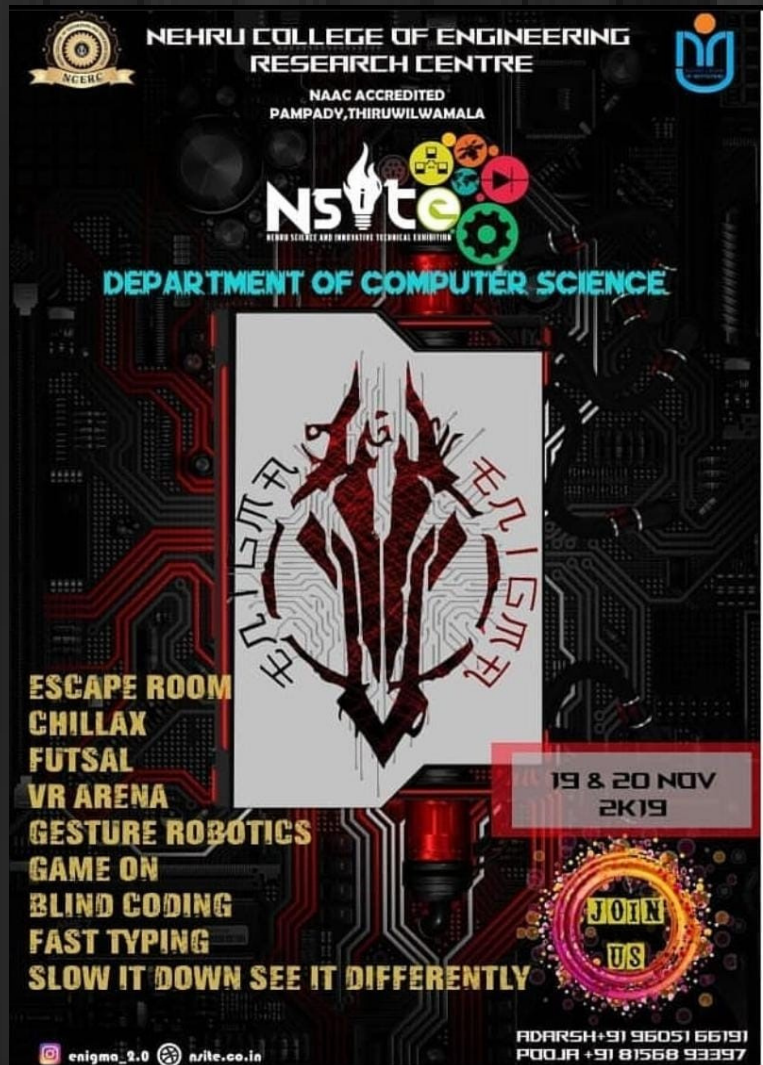
POOJA S NAIR SB CSE  
SREELAKSHMI G SB CSE  
KARTHIK K S SB CSE

TEAM NCERC



# TECH FEST: N-SITE

The department of Computer Science and Engineering was part of the institution hosted technical fest NSITE under the name 'ENIGMA' with much fanfare and enthusiasm on 19th and 20th November 2019. There were several events organized by the department which were open to all the students studying in any recognized school or college. There was event coordinators and volunteers for each events for the smooth participation, execution and coordination of an event.



# TECH FEST- N-SITE

NEHRU COLLEGE OF ENGINEERING  
PONDY RESEARCH CENTRE  
(ACCREDITED BY NAAC)

**nsite**  
NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

DEPARTMENT OF COMPUTER SCIENCE PRESENTS

## FAST TYPING

PRIZE WORTH 500

20-11-19  
11:30AM-1:00PM  
REG FEE: 30/-

ADVANCED COMPUTING LAB  
ARYABHATTA BLOCK

CONTACT:  
SREERAGAN V  
+91 88066 80335

http://nsite.co.in

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
Pampady, Thiruvilwamala, Thrissur, Kerala 680597  
(ACCREDITED BY NAAC)

DEPARTMENT OF COMPUTER SCIENCE  
PRESENTS

AT NCERC ON 19 & 20

## GAME ON

AVAILABLE GAMES

FORZA HORIZON 4  
FIFA 20  
FIFA 20 Legends

#Starting @ ₹30

CONTACT:  
PRASANNA : 9456649939  
RAJESH : 8606547478

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
(ACCREDITED BY NAAC)  
Pampady, Thiruvilwamala, Thrissur, Kerala 680597

**nsite**

## CHILLAX

MRIDULA 8589832343  
ARYABHATTA PARKING

nsite.co.in nsite@ncerc.ac.in @nsite19

NEHRU COLLEGE OF ENGINEERING  
PONDY RESEARCH CENTRE  
(ACCREDITED BY NAAC)

**nsite**  
NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE

DEPARTMENT OF COMPUTER SCIENCE PRESENTS

## BLIND CODING

"BECAUSE YOU DON'T NEED EYES TO CODE, YOU NEED VISION"

20-11-19  
9:30AM-11:00AM  
REG FEE: 30/-

prize worth 500

ADVANCED COMPUTING LAB  
ARYABHATTA BLOCK

SREERAGAN V  
+91 88066 80335

NEHRU COLLEGE OF ENGINEERING & RESEARCH CENTRE  
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NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
2019

DEPARTMENT OF COMPUTER SCIENCE PRESENTS

## ESCAPE ROOM

REG. FEE: 100RS  
SPOT REGISTRATION TEAM OF 4 MEMBERS  
PRIZE WORTH ₹K

CONTACT:  
ALBERT : 9624759004  
VIGNESH CR: 7558894006  
PRANAV AK : 8301087471

19&20 NOVEMBER  
AT NCERC CAMPUS

@nsite19 nsite.co.in nsite@ncerc.ac.in

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
Pampady, Thiruvilwamala, Kerala 680597  
(ACCREDITED BY NAAC)

DEPARTMENT OF COMPUTER SCIENCE  
PRESENTS

## VR ARENA

EXPERIENCE CONSIST OF on 19 & 20

FACE YOUR FEARS  
FOWL PLAY  
GREASY GRAPPLIES TRAILER  
SOMERSET THINGS

Starting @ ₹30

NEHRU COLLEGE OF ENGINEERING AND RESEARCH CENTRE  
(ACCREDITED BY NAAC)  
Pampady, Thiruvilwamala, Kerala 680597

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**nsite**

## FUTSAL TOURNAMENT

2019

REGN FEE: ₹5 000 (5 PLAYERS / TEAM)  
PRIZES WORTH ₹K  
16 TEAMS ONLY

ABHINAV P : 9745032900  
ANAND : 9048633219

NOV 19 2019  
NCERC BASKETBALL COURT

www.nsite.co.in @nsite19@gmail.com  
migma\_2.0

# SPORTS AND ARTS FEST



**Our students showed keen interest in NGI's biggest cultural extravaganza Bloom 2020 with their participation in various events. Ms. Athira Murali S8 CSE A and Mr. Akarsh K Murthy, S6 CSE won Ms & Mr. NGI first runner up in the Bloom 2020.**



**Our students participated in various sports events and won prizes in individual and group events conducted as a part of Annual Sports Day 2020.**

# EDITORIAL TEAM

## CHIEF EDITOR



**SILJA VARGHESE**

## STUDENT EDITORS



**AGIL KRISHNA**



**POOJA S NAIR**

## ADVISORY COMMITTEE



**BIJI K P**



**SRUTHY M R**

