



SREE NARAYANA GURU COLLEGE OF ENGINEERING & TECHNOLOGY PAYYANUR



DRISHTI

Department of Computer Science & Engineering

ACHIEVING A NEW MILESTONE

FIVE DAYS FDP ON IoT ON HANDS-ON SESSION

"A perfect parent is a person with excellent child-rearing theories and no actual children." —Dave Barry



Inaugurating the Five days FDP on IoT with Hands - on session by lightning the lamp.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

VISION

To be a center of excellence in Computer Science and Engineering to produce competent professionals and entrepreneurs capable of exploring and assimilating latest technological advancements for the betterment of the society.



MISSION

To facilitate transformative education in computer science and engineering. To build competent professionals and entrepreneurs by introducing new technologies. To accomplish higher education, induce ethical values and spirit of social commitment.

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TECH NEWS

Twitter shut off its internal Slack, and now ‘everyone is barely working’

Today, let’s check in on Elon Musk’s Twitter, where sudden software outages and another dubious transparency effort have left the company’s remaining workers more beleaguered than usual.

On Wednesday, Twitter employees had the tech equivalent of a snow day: the company’s Slack instance was down for “routine maintenance,” they were told, and the company was implementing a deployment freeze as a result.

That same day, Jira — a tool Twitter uses to track everything from progress on feature updates to regulatory compliance — also stopped working. With no way to chat and no code to ship, most engineers took the day off.

Jira access was restored on Thursday. But Platformer can now confirm that Slack wasn’t down for “routine maintenance.” “There is no such thing as ‘routine maintenance.’ That’s bullshit,” a current Slack employee told us.

In this as in so many other things, Twitter hasn’t paid its Slack bill. But that’s not why Slack went down: someone at Twitter manually shut off access, we’re told. Platformer was not able to learn the reason prior to publication, though the move suggests Musk may have turned against the communication app — or at least wants to see if Twitter can run without Slack and the expenses associated with it. (Musk’s Tesla uses a Slack competitor called Mattermost for in-house collaboration, and Microsoft Outlook and Teams for email and meetings.)

- SRAVAN R (2019-2023)

What is going on with Fitbit?

These days, Fitbit users seem to be asking each other the same question: is it me, or is the app down for everybody else, too? Between frequent server outages and a recent decision to shutter popular social features, frustrated Fitbit customers say they’re weighing their options.

Earlier this month, Google-owned Fitbit suffered a massive server outage that left users unable to sync trackers or view their data within the app or on Fitbit’s website. If it had been a one-off server outage, it’s likely users would’ve written it off as a fluke. But it extended into a second day and then a third. Then, around 1PM ET yesterday, over 1,600 users reported yet another outage, according to Downtidetector. Others reported the outage to the @FitbitSupport Twitter account and in the r/Fitbit subreddit. Fitbit spokesperson Andrea Holing told The Verge that the “short outage” was quickly resolved, but for many Fitbit users, it was one outage too many.

“I rely on this app to track not only my steps but my heart rate. I’m almost 22 weeks pregnant, so I try to closely monitor anything and everything I can!” Fitbit user Carly Johnson tells The Verge. “The outages make everything so inconsistent and unreliable.”

- SRAVAN R (2019-2023)

FACULTY DEVELOPMENT PROGRAM

“FIVE DAYS FDP ON IoT WITH HANDS-ON SESSION”



A group photo taken after the Valedictory function of Five days FDP on IoT Hands-on Training session with the Chief guest Mr. Premachandran K E DySP, Payyannur.

Faculty development programme was organized by the Department of Computer Science and Engineering & Electronics and Communication Engineering of Sree Narayana Guru College of Engineering and Technology from 27th to 3rd March, 2023. Five days Faculty Development Programme included various IoT related topics.

The inauguration was held on meeting hall. The FDP started on 27 th February, 2023 with the Lamp Lightening ceremony by the chief guest Dr.Vinod Pottakulathu (Principal of College of Engineering Trikaripur). Mrs.Leena Narayanan; (AP ECE) delivered the welcome speech. The Principal's address by the principal Dr.Leena A V. was really inspiring. Introduction of resource person was done by Mrs.Meera M(AP,ECE).The felicitation address was followed by Dr.Susan Abraham(DEAN UG,PG), Mr. Jacob Thomas(HOD,ME), Mr. Nikhil M(HOD,H&S).The memento was presented to the chief guest by the Principal. Mr. Sunder V(HOD,CSE) thanked the gathering through vote of thanks ceremony.

On the first day, after the inaugural ceremony technical session was organized at Scientific Computing Lab. The session was handled by Mr.Kathiru Santhikumar (CEO, ALGTHINKFOTECH innovations). The first technical session was on the topic theory session on introduction to embedded systems and embedded circuits. The afternoon session is followed by the practical session was on circuit designing with bread board. He discussed about the basics of embedded system and examples, microprocessors and microcontrollers. He guided the participants to design and setup 5V DC power supply using bridge rectifier, and implemented a moisture sensor circuit using transistor, designed a buzzer module and control the 230V AC supply of lamp.

On the second day the session started by introducing the python programming and followed by its practical session in the afternoon. He discussed basic python programming topics related to arithmetic operators, list, dictionaries, and array.

On third day the first session was microcontroller programming and second session was practical session of microcontroller programming. First Session is followed by discussion of ATmega328 pin out and basics of microcontroller programming. The second session is carried out by practical session to implement an automatic street light based on light intensity and implemented a IR controlled lamp and implemented a motor to rotate to clockwise and anticlockwise.

On fourth Day, First Session was Introduction to Python Programming and second Session was Python Programming. First Session is followed by the basics of Python. The second session is carried out by the practical session of Python programming.

On fifth Day, session 1 was Introduction to Raspberry Pi Python programming and session 2 was practical session of Raspberry Pi python programming After Lunch break, the last session of the FDP i.e. the valedictory session was held at Scientific Computing Lab in SNGCET. Certificates were distributed to the FDP participants & the resource person by the chief guest Mr. Premachandran K E (DySP, PAYYANUR). Votes of thanks were provided by Ms. Abhaya D K (AP ECE).

S₂ TOPPERS



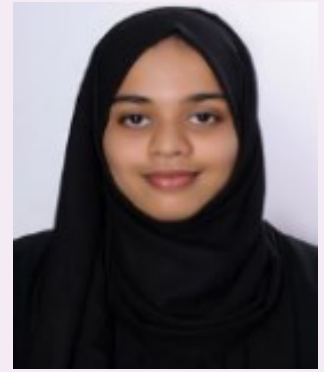
HIBA T K

(2021-2025)



ATHIRA K V

(2021-2025)



HAIFA C

(2021-2025)

S₄ TOPPERS



RIYA RAJESH

(2020-2024)



ASWATHI P I

(2020-2024)



ABHINAV A V

(2020-2024)



ANJALI M

(2020-2024)

ARTICLES



SANDRA B
(2020-2024)



SANDRA B
(2020-2024)

ALWAYS THROUGH THE PATH OF OBE

PROGRAM OUTCOMES (POs)

PO1:-Engineering knowledge
 PO2:-Problem analysis
 PO3:-Design/development of solutions
 PO4:-Conduct investigations of complex problems
 PO5:-Modern tool usage
 PO6:-The engineer and society
 PO7:-Environment and sustainability
 PO8:-Ethics
 PO9:-Individual and team work
 PO10:-Communication
 PO11:-Project management and finance
 PO12:-Life-long learning

RECENT ACTIVITIES

1. Informed that the result of B.Tech S8 (S) Exam Oct 2022 (2015 Scheme) is published.
2. Published APJAKTU- Academic calendar of even semester classes for B.Tech S4/S6/S8.
3. Published the S1 (R, S) Semester exam time table.
4. Conduct the course team meeting on or before 17 th February.
5. Conduct class committee meeting of S8, S6 and S4 on or before 17 th February.
6. Submission of module 1 notes to HoD on or before 17 th February.
7. Publishing of Attendance up to 15 th February.
8. S4 Semester exam Result Published.
9. S2 Semester exam Result Published.
10. The detailed timetable of B.Tech S1(R,S) examination (2019 Scheme), December 2022 are published.

PROGRAM SPECIFIC OUTCOMES (PSOs):

PSO1:-Computer Science Specific Skills: The ability to identify, analyze and design solutions for complex engineering problems in multidisciplinary areas by understanding the core principles and concepts of computer science.

PSO2:-Programming and Software Development Skills: The ability to acquire programming efficiency by designing algorithms and applying standard practices in software project development to deliver quality software products.

PROGRAM EDUCATIONAL OBJECTIVES(PEOs):

PEO1:-To prepare students to excel in Computer Science and Engineering program through quality education enabling them to succeed in computing industry profession.

PEO2:-To provide students with core competencies by strengthening their mathematical, scientific and basic engineering fundamentals.

PEO3:-To design & develop novel products and innovative solutions for real life problems in Computer Science & Engineering field and related domains by broad based knowledge.

PEO4:-To inculcate professionalism among students by providing technical, entrepreneurial skills and soft skills with ethical standards.

PEO5:-To encourage students for higher studies by adapting to new technologies through interactive quality teaching and organizing symposiums, conferences, seminars, workshops and technical discussions.

EDITORIAL BOARD

STAFF SUPPORT : Prof. SUNDER V, Prof. VIJINA VIJAYAN

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