



CENTRAL UNIVERSITY OF KARNATAKA

CENTRAL UNIVERSITY OF KARNATAKA

School of Computer Science

Department of Computer Science

PROCEEDINGS

A Two-Days National Workshop on NVIDIA Deep Learning (NWNDL-2022)

The Department of Computer Science has organized a Two days National Level Workshop on **Deep Learning: Basics concepts and Applications** on 25-26 July 2022. Eminent Academician Prof. P. Nagabhushan, Vice Chancellor, Vijnan Deemed University has delivered the Keynote talk.

Following are the resource persons:

Sl. No.	Resource person	
1	Prof. P. nagabhushan Vice Chancellor, Vijnan Deamed University	Keynote Speaker
2	Dr. Purushothaman - DLI Trainer	Resource person
3	Mr. Joe Rahul – Solution Architect	Resource person
4	Mr .Ganesh – Sr. BU Champ – AI Practice	Resource person


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Central University of Karnataka
Kadaganchi, Kalaburagi-585 311



Central University of Karnataka

(Central University act 2009)

Department Of Computer Science

Sponsored By

NVIDIA AND DIGITAL TRACK, BANGALORE



NVIDIA



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The Data Matters The Partner Matters

A Two-Days National Workshop on NVIDIA Deep Learning (NWNLD-2022)

25-26th July 2022

PATRON



Prof. Battu Satyanarayana

Vice-Chancellor, CUK

KEYNOTE SPEAKER



Prof. P. NAGABHUSHAN

Vice Chancellor, Vignan's Foundation for
Science, Technology & Research

{ RESOURCE PERSON }

Dr. Purushothaman
DLI Trainer

Mr. Joe Rahul
Solution Architect

Mr. Ganesh
Sr. BU Champ - AI Practice

CONVENER

Dr. R. S. Hegadi

Dean and HoD Department of Computer Science

Organizing Committee

Coordinators


- Dr. Kagale M. R.
- Dr. P. M. Kamble
- Dr. Gururaj

Members

- # Miss Shilpa K.
- # Ms Kavita Houde
- # Miss Priyanka
- # Miss Swathi P. S.
- # ALL MCA Students

Registration Link:

<https://docs.google.com/forms/d/e/1FAIpQLSc0qARek2GLqwikVUIs00YGe1Ss0gr0gUybn0Uxift1C-2Pvg/viewform>


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A Two-Days National Workshop on NVIDIA Deep Learning (NWNLD-2022)

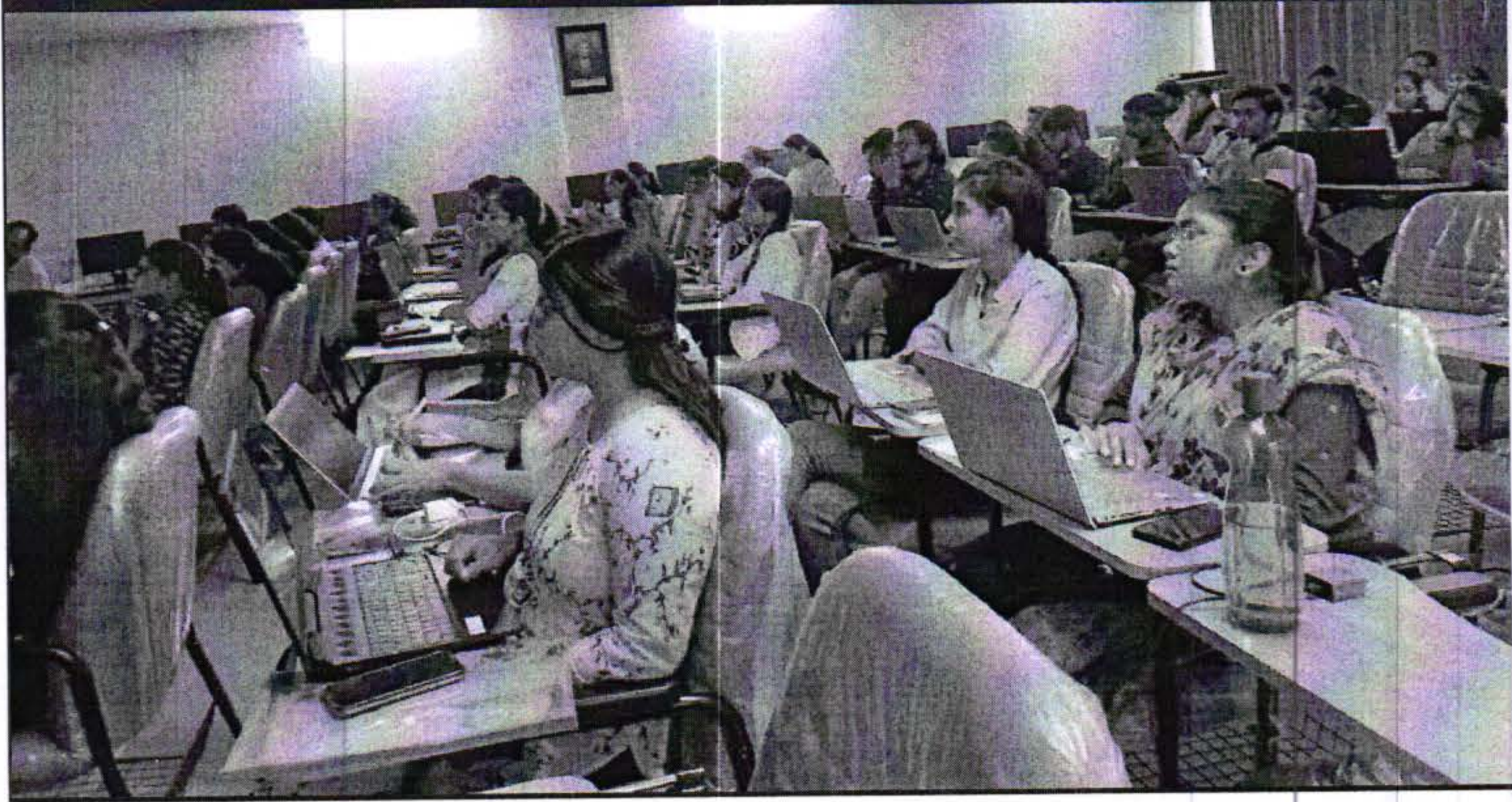
Contents


Session	Topic
Session 1: ML/DL	<ul style="list-style-type: none"> • Python Libraries for ML/DL • CPU vs GPU (Python Libraries for GPU) • CPU vs GPU (Understanding the Cores : CPU vs CUDA Cores) • GPU Architectures (NVIDIA) • Understand the Architecture & Compatible GPU Platforms • CUDATool Kit Version based on GPU Hardware Architecture • CLI commands for CUDA Installation, Device Driver Installation from Nvidia Site.
GPU vs CPU Comparison & Implementation using CUDA	
Hands On	<ul style="list-style-type: none"> ❖ Implementation of a Program with CPU based Python Libraries vs Implementation of a Program with GPU based Python Libraries. ❖ Addition of Matrix with Numpy vs Numba ❖ MNIST Dataset : CPU Implementation & Hyper Parameter Tuning for Black & White Image MNIST Dataset: GPU Implementation using PyTorch for Black & White Image
Session 2: (8 Hours) Certification on Fundamentals of Deep Learning - Course content by NVIDIA Deep Learning Institute.	

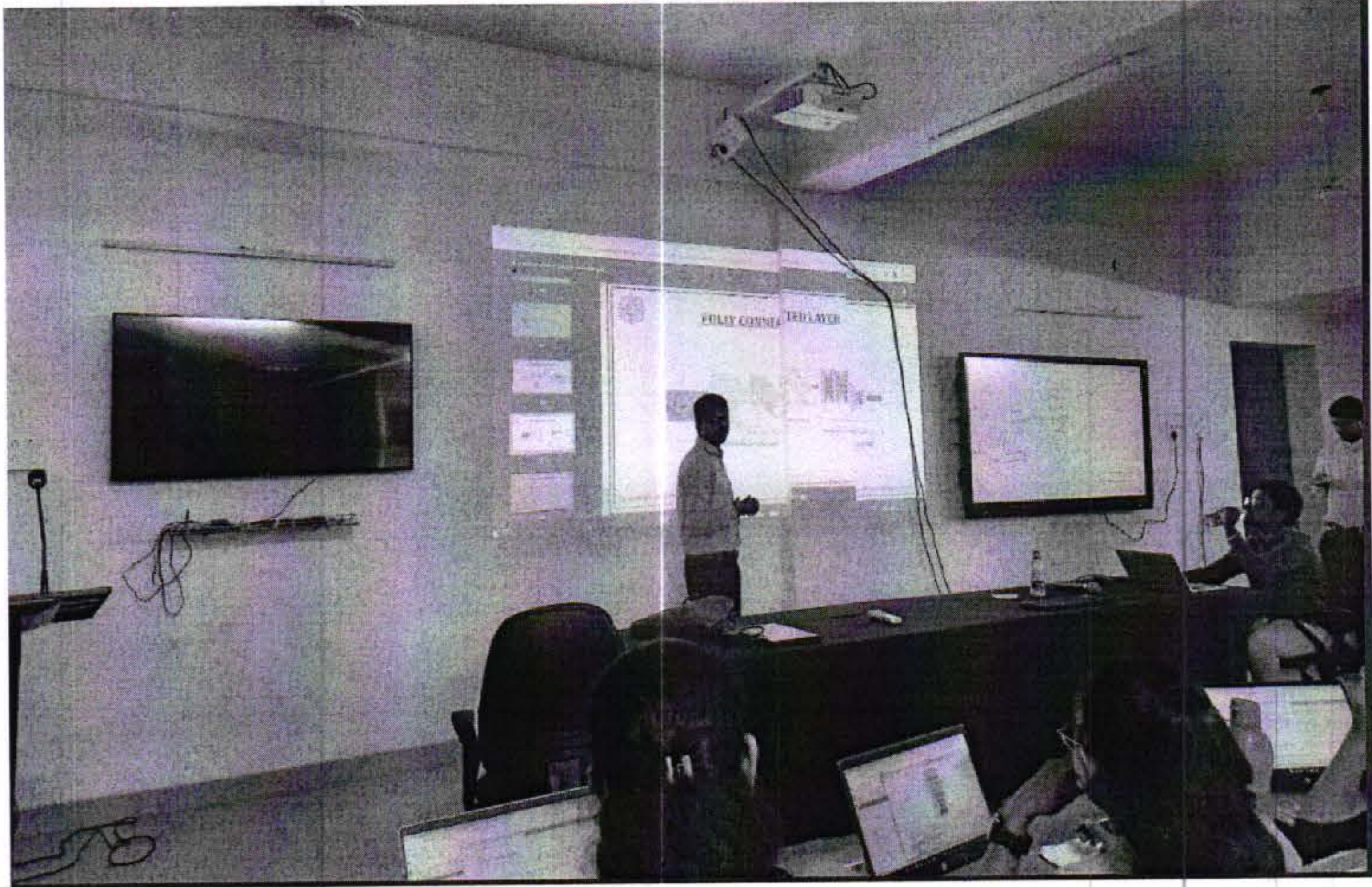
Total Delegates = 100

HoD

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A handwritten signature in blue ink, appearing to read "M. S. Srinivas".

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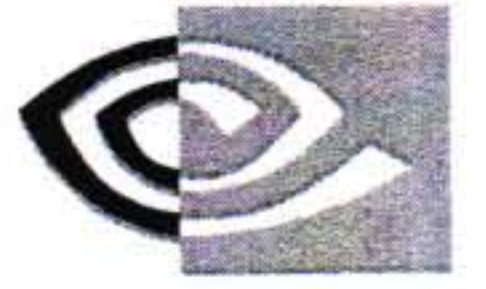
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If The Data Matters The Partner Matters

A Workshop on Drone Technology and Awareness-2023)

26 -28 June, 2023

PATRON



Prof. Battu Satyanarayana

Vice-Chancellor, CUK.

KEYNOTE SPEAKER

Viikrant Suryawanshi

Director & CEO Eagletronics Aviation Private Limited

{ RESOURCE PERSON }

Dr. Purushothaman

DLI Trainer

r. Joe Rahul

Solution Architect

Mr. Ganesh

Sr. BU Champ - AI Practice

CONVENER

Prof. R. S. Hegadi

Dean Department of Computer Science

Organizing Committee

Coordinators

Dr. P. M. Kamble

Members

Ms Kavita Houde

Miss Girija

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SCHOOL OF
COMPUTER
SCIENCE
PRESENT'S



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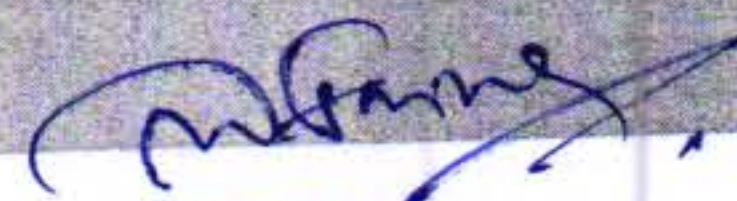
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SEMINAR

ON
"Recent Trends In
Web
Technology"

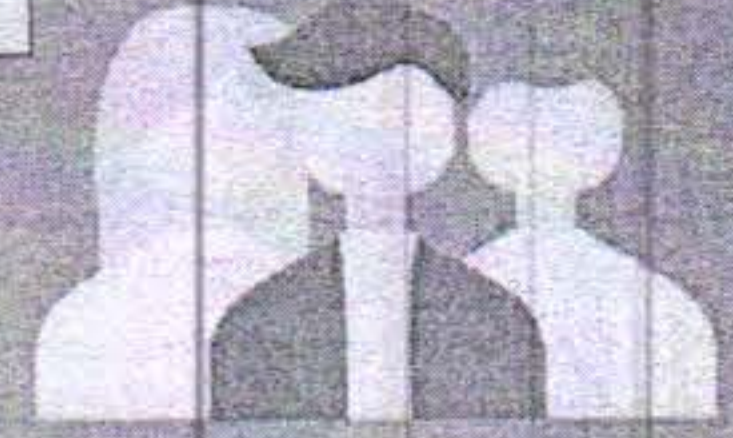
Day :
WEDNESDAY
27th Oct 2021


HEAD

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In Presense Of



Dr. Madhuri R. Kagale
Assistant Professor
IPWT Course Mentor


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Presenters

1. Akhil - Flutter App
2. Ashwini - Voice Search
3. Mallikarjun - Data Security
4. Mariyam - SEO Opt.Tech.
5. Mubeen - Overview of IPWT
6. Megha - Voice Over IP
7. Mrudul - Web Dev Careers
8. Nisha - Chat Bot Creation
9. Pooja - WordPress
10. Prinsh - PHP Web App
11. Sagar - Serverless Archt.
12. Sanya - Web Assembly
13. Sushmita - Single Page App
14. Shradha - Chatbot Overview
15. Veeresh - Bootstrap App


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CENTRAL UNIVERSITY OF KARNATAKA

Eight Days Seminar On

“MODERN TECHNOLOGY”

Organized By : School Of Computer Science

Dept. of MCA

From : 27-OCT-2021 TO 12-NOV-2021

CERTIFICATE

Of Participation

This is to Certify that Mr./Ms. : Akhil Emmanuel

Participated in Eight Day's Seminar on “Modern Technology”,

Presented Seminar on : Flutter App and Web development

Organised by School Of Computer Science, Dept. of MCA.

On 27-oct-2021 to 12-nov-2021

Dr. R. S. Hegadi
Associate Prof. & Dean, Hod

Dr. Kagale Madhuri Raghunath.
Assistant Professor


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CENTRAL UNIVERSITY OF KARNATAKA

Eight Days Seminar On

“MODERN TECHNOLOGY”

Organized By : School Of Computer Science

Dept. of MCA

From : 27-OCT-2021 TO 12-NOV-2021

CERTIFICATE

Of Participation

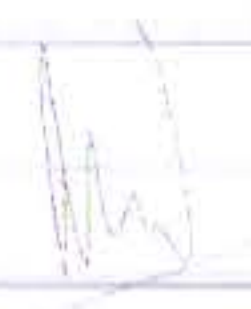
This is to Certify that Mr./Ms. : Nisha Joshi

Participated in Eight Day's Seminar on “Modern Technology”,

Presented Seminar on : ChatBots - A Mediator Between Users and Web Services.,

Organised by School Of Computer Science, Dept. of MCA.

On 27-oct-2021 to 12-nov-2021


Dr. R. S. Hegadi
Associate Prof. & Dean, Hod


Dr. Kagale Madhuri Raghunath
Assistant Professor
HEAD
Department of Computer Science
Central University of Karnataka
Kadaganchi, Kalaburagi-585 311



CENTRAL UNIVERSITY OF KARNATAKA

Kalaburagi, Karnataka
School of Computer Science

8 – days Seminar on “Recent Trends in Web Technology”

Seminar Proceedings

Eight Days seminar workshop on the topic “Recent Trends in Web Technology” was organised by school of Computer Science, Dept. of MCA, Central University of Karnataka from 27th Oct, 2021 to 12th Nov, 2021 in Presence of Chief Guest Dr. R.S. Hegadi Associate Professor, Dean, HoD of Department of MCA, School of computer science, and Dean of Students Welfare, Central University of Karnataka along with Dr. Madhuri Kagale Assit. Prof. Dept. of MCA, School of Computer Science, Central University of Karnataka and Internet programming and Web Technology Course mentor as well as organiser of the event, in presence of MCA 5th semester students.

Firstly, Seminar workshop event was began by Conducting Inaugural function on 27th Oct, 2021 in the presense of Chief Guest Dr, R.S. Hegadi Associate Professor, Dean, HoD of Department of MCA, School of computer science, and Dean of Students Welfare, Central University of Karnataka along with Dr. Madhuri Kagale Assit. Prof Dept of MCA, School of Computer Science, Central University of Karnataka and Internet programming and Web Technology Course mentor as well as organiser of the event, in presence of MCA 5th semester students.

Students of class MCA 5th semester had taken keen interest enthusiastically and conducted the Inaugural event successfully. The Inaugural event was begin at sharp 12:00pm, First and foremost the inaugural event was lead a path by the anchor Miss, Mariyambi Mazeed, student of class MCA 5th semester. Followed by the inauguration song sung by Miss Nisha Joshi student of class MCA 5th semester. Following to the queue, Mr. Dileep Kumar student of class MCA 5th semester greeted and welcomed the Chief guest Dr. R.S. Hegadi, Dr. Madhuri Kagale, Internet programming and Web Technology Course mentor as well as organiser and all the MCA fifth sem students to the Inaugural event.

In the Next place, Dr, R.S. Hegadi, along with Dr. Madhuri Kagale inaugurated the event by displaying the Inauguration website designed and hosted by Mr. Veeresh S student of class MCA 5th semester. Thereafter, Seminar workshop event organiser and IPWT mentor Dr. Madhuri Kagale shared her Overall view and intention regarding organising the event and joyfully wished her best wishes and equally shared heartfelt encouraging words to the students.

Henceforth, the seminar sessions began by the students.

Thereafter, four students of class MCA 5th semester namely, Mr. Akhil Emmanuel, Mr. MD Mubeen, Miss Nisha Joshi and Mr. Veeresh S. shared overall feedback and their experience regarding Seminar sessions. Later on, Presidential remarks was given by Chief Guest Dr. R.S. Hegadi who shared his best wishes and inspiring words to the students. Followed by, Mr. Mrudul P.R. student of class MCA 5th semester Proposed Vote of Thanks. Thereby, it was an end to the seminar Inaugural function.

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During the eight days of seminar workshop event overall 14 students had presented the seminar. Students presented their topic of interest with some live demonstrations individually following the queries and discussion regarding the topic was continued and then seminar review by event organiser and IPWT mentor Dr.Madhuri Kagale was taken into the account.

Namely and in Particular details of the seminar presented by Mca fifth sem students are shared below. First and foremost, Mr. Akhil Emmaneul Presented Seminar on the topic Flutter Application Development. Followed by Ms. Ashwini Presented Seminar on the topic Use of Speech recognition in Web Development. In the next place, Ms. Mariyambi Mazeed Presented Seminar on the topic SEO using Machine Learning. Continued by Mr. Md Mubeen Presented Seminar on the topic An overview of Internet Programming and Web Technology.

Miss Megha Mugali then Presented seminar on the topic VOIP (Voice Over Internet Protocol). Followed by Mr. Mrudul P.R Presented Seminar on the topic A look at different web development careers. In the next place, Ms. Pooja Boodi Presented Seminar on the topic Wordpress. Continued by Mr. Prinsh Kumar Presented Seminar on the topic PHP Web Application Development. There after Mr. Sagar Hosamani Presented Seminar on the topic Serverless Architecture. Followed by Ms. Trimukhe Shradha presented seminar on the topic Cloud Computing.

In the next place, Ms.Sushmita C presented seminar on the topic Single Page Application. Thereafter Mr. S.K. Dileep Kumar Presented Seminar on the topic Web Assembly. Lastly Ms. Nisha Joshi presented seminar on the topic Chat Bot – A Mediator between users and website services.

During the eight days, of seminar workshop event, was lead by a path by different anchors too. Namely, Mr. S.K.Dileep Kumar, Mr. MD. Mubeen and Miss Nisha Joshi were the host of the seminar sessions on alternative days. And those Eight days Seminar Workshop event was filled with some entertainment too. As along with the seminars even fillers had entertained in between ongoing seminar presentations. Namely, Mr. Mrudul P.R sung a song soulfully and Miss. Nisha Joshi sung a song delightfully and both of them had boosted the upcoming seminar sessions by giving small entertainment along with ongoing seminar presentations.

Thereby, it was a call for Seminar Valedictory Function and Certificate Distribution event for seminar Presenters.

Lastly, Seminar workshop event was concluded by Conducting Valedictory Function and Certificate Distribution on 15th Nov,2021 in the presense of Chief Guest Dr,R.S. Hegadi Associate Professor, Dean, Hod of Department of MCA, School of computer science, and Dean of Students Welfare, along with Dr. Madhuri Kagale Assit. Prof Dept of MCA, School of Computer Science, Internet programming and Web Technology Course mentor as well as organiser of the event, in presence of MCA 5th semester students. Students of class MCA 5th semester had taken keen interest enthusiastically and conducted the Valedictory Function successfully.

The Valedictory Function was begin at sharp 3:00pm, First and foremost the Valedictory Function was lead a path by the anchor Miss, Pooja Boodi, student of class MCA 5th semester. Followed by the inauguration song sung by Miss Sushmita C student of class MCA 5th semester. Following to the queue, Ms. Shradha student of class MCA 5th semester greeted and welcomed the Chief guest Dr,R.S. Hegadi. Dr. Madhuri Kagale, Internet Programming and Web Technology


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Course mentor as well as organiser and all the MCA fifth sem students to the Valedictory Function.

In the Next place, Dr.R.S. Hegadi, along with Dr. Madhuri Kagale inaugurated the event by displaying the Inauguration website designed and hosted by Mr. Veeresh S student of class MCA 5th semester. Thereafter, two students of class MCA 5th semester namely, Ms. Ashwini and Mr. Mubeen shared their overall feedback regarding their experience and the conduction of eight days seminar workshop event.

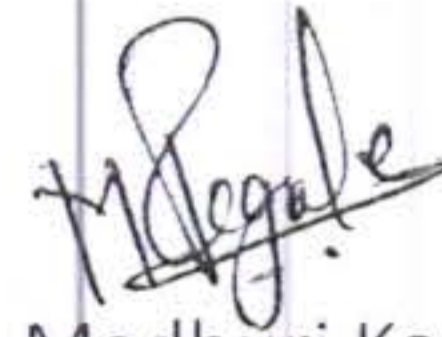
In the next place, Dr. Madhuri Kagale , Seminar workshop event organiser and IPWT mentor shared her Overall Feedback and her experience during the conduction of 8-days seminar workshop event Joyfully and congratulated all the seminar presenters heartfully and wished best wishes to the students.

Valedictory Function was then followed by, Certificate Distribution by Chief Guest Dr.R.S. Hegadi and Co-ordinator Dr. Madhuri Kagale to all the seminar presenters.They equally congratulated all the seminar presenters heartfully.

Thereafter event was getting warmed up with some entertainment. Firstly, Mr. MD Mubeen student of class MCA 5th semester delivered a heartfelt shayari. Followed by Ms. Sushmita C student of class MCA 5th semester sung a song soulfully.In the next place, Mr. Prinsh kumar student of class MCA 5th semester presented a beautiful Hindi Kavita. Continued by Ms. Nisha Joshi student of class MCA 5th semester sung a song beautifully. Followed by, Feedback regarding Overall conduction of Inaugural Event, Eight days seminar sessions and Valedictory Function Event and its wonderful experience by Ms. Nisha Joshi student of class MCA 5th semester. In the next place, Co-ordinator Dr. Madhuri Kagale shared Overall Feedback regarding making up the events successfully and wished her best wishes to all the students.

Thereafter, Presidential remarks was given by Chief Guest Dr. R.S.Hegadi who shared his best wishes and inspiring words to the students. Followed by, Mr. Mrudul P.R. student of class MCA 5th semester Proposed Vote of Thanks.

Thereby, it was an end to the seminar Valedictory function.



(Dr. Madhuri Kagale)

Coordinator of Seminar



DEAN
HOD & Dean
School of Computer Science
Central University of Karnataka
Kadaganchi, Kalaburagi-585 311



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Department of Computer Science
Central University of Karnataka
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Central University of Karnataka

CENTRAL UNIVERSITY OF KARNATAKA

JOIN US FOR A

VALEDICTORY FUNCTION!

NOV 15, 2021 • MONDAY
3PM IN THE AFTERNOON
DEPT. OF MCA
SCHOOL OF COMPUTER SCIENCE



IPWT COURSE SEMINAR
VALEDICTORY FUNCTION AND
CERTIFICATE DISTRIBUTION


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SEMINAR ON
"Recent Trends In Web Technology"

Date: 27/10/2021 To 12/11/2021

 **Valedictory** 
Function


CERTIFICATE DISTRIBUTION

Chief Guest

DR. R.S. HEGADI
ASSOCIATE PROF & DEAN, HOD

Co-ordinator

DR. MADHURI R. KAGALE
ASSISTANT PROF & IPWT
COURSE MENTOR


HEAD
Department of Computer Science
Central University of Karnataka
Kadaganchi, Kalaburagi-585 311



Central University of Karnataka
IEEE Student Branch



Certificate of Participation

This is to certify that Mr / Ms ARCHANA has participated and successfully completed **ARDUINO WORKSHOP AND HACKATHON** on the occasion of International Arduino Day held from 14th March to 16th March 2019 at Central University of Karnataka.

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Kalaganchi, Kalaburagi-585 311

ARDUINO

DAY 2019

Student Branch Counsellor

5



Central University of Karnataka
IEEE Student Branch



IEEE
BANGALORE SECTION



IEEE

6) POSTER PRESENTATION:

(29)

TOPIC: Digital Transformation

DATE: 05th sept 2018

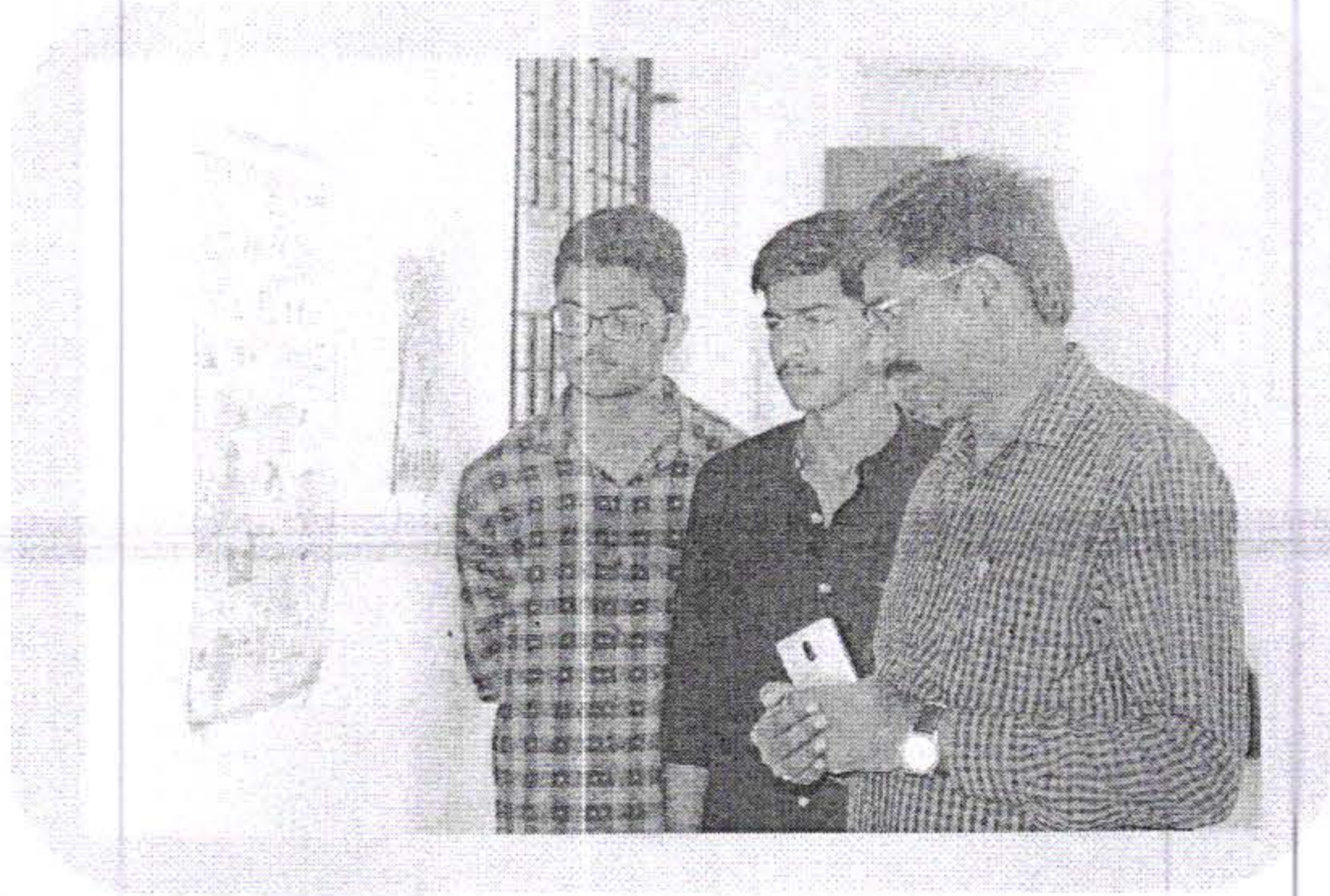
VENUE: First year lecture hall, School of Engineering, CUK.

NO: OF PARTICIPANTS: 17

BRIEF: The event of poster presentation coordinated by IEEE student branch and had amazing participation from students. The theme of the presentation was 'Technology in teaching' and an array of amazing posters were created from such an interesting topic and the winners were chosen.

EXPENSES:

LINK:



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अध्यक्ष / HEAD

इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि कलबुरगी / Kadaganchi Kalaburagi - 585 367.



Central University of Karnataka
IEEE Student Branch



IEEE
BANGALORE SECTION



9) ORAL PRESENTATION:

TOPIC: Technological marvels that influenced the world

DATE: 19th sept 2018

VENUE: S&D lab, School of Engineering, CUK.

NO: OF PARTICIPANTS: 07

BRIEF: IEEE student branch organized Oral presentation for Students to show their best presentation skills . Each participant were good and unique in their presentations.

EXPENSES:

LINK:

30



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ईलेक्ट्रिकल अभियंत्रणी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंणी कलबुर्गी / Kadaganeni Kalaburagi - 585 367.



10) BLINK – LED BLINKING COMPETITION BASED ON ARDUINO:

DATE: 20th Sept 2018

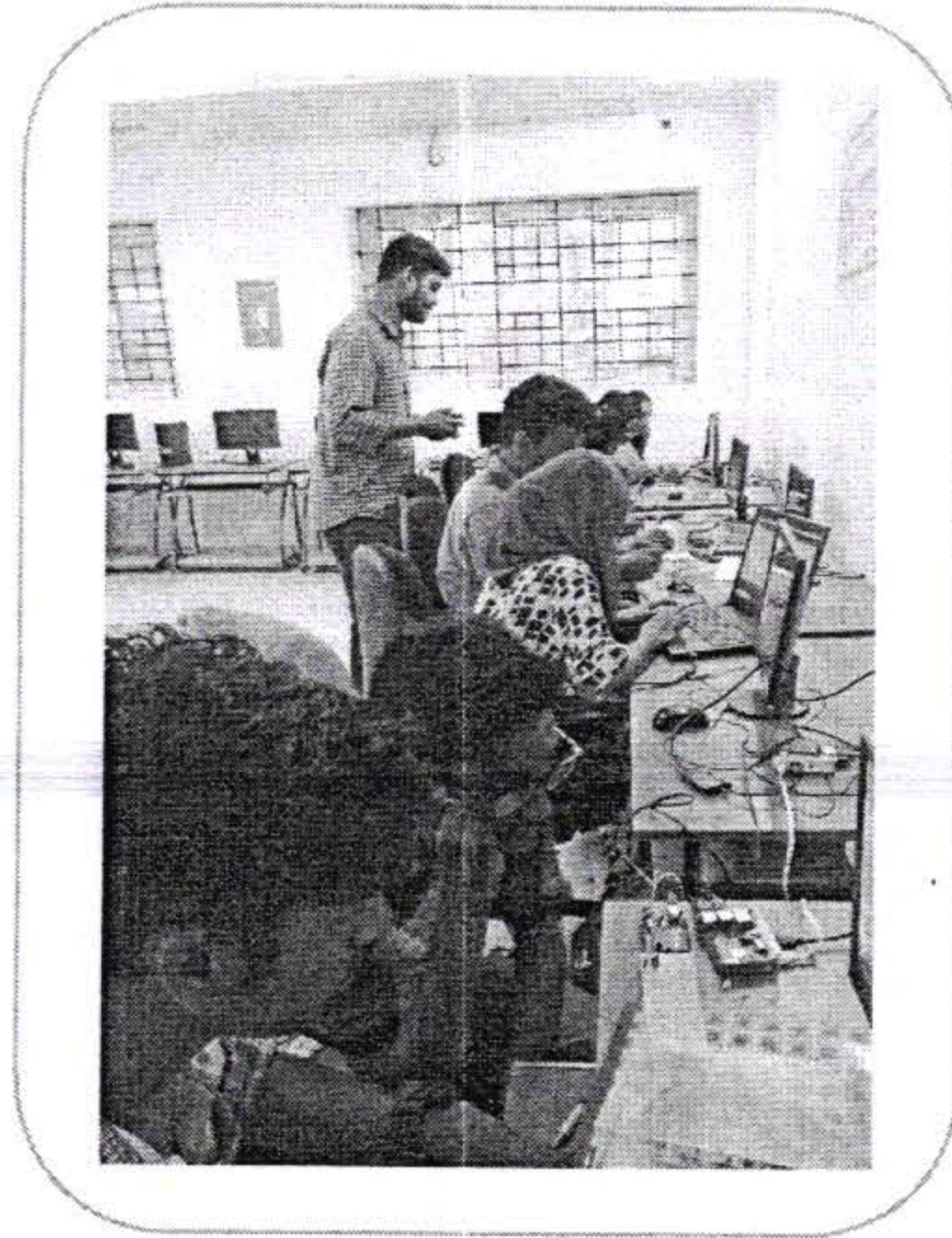
VENUE: S&D Lab, School of Engineering, CUK.

NO: OF PARTICIPANTS:

BRIEF: The competitions consisted of 'LED blinking competition', wherein the pattern of making the LED blink becomes more complex as the stages progress and a knowledge in Arduino, circuit connections and logic is required, we were surprised at the nuanced engineering sub-topic regarding microcontroller chips and logic would be having participation from various other departments, all because of the swift promotional work and buzz created by the fellow members of our organization

EXPENSES:

LINK:



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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कादागन्धी कक्ष, कादागन्धी / Kadaganahalli Kalaburagi - 588 367.

31



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11) SMART QUIZ:

TOPIC: Technology

DATE: 20th sept 2018

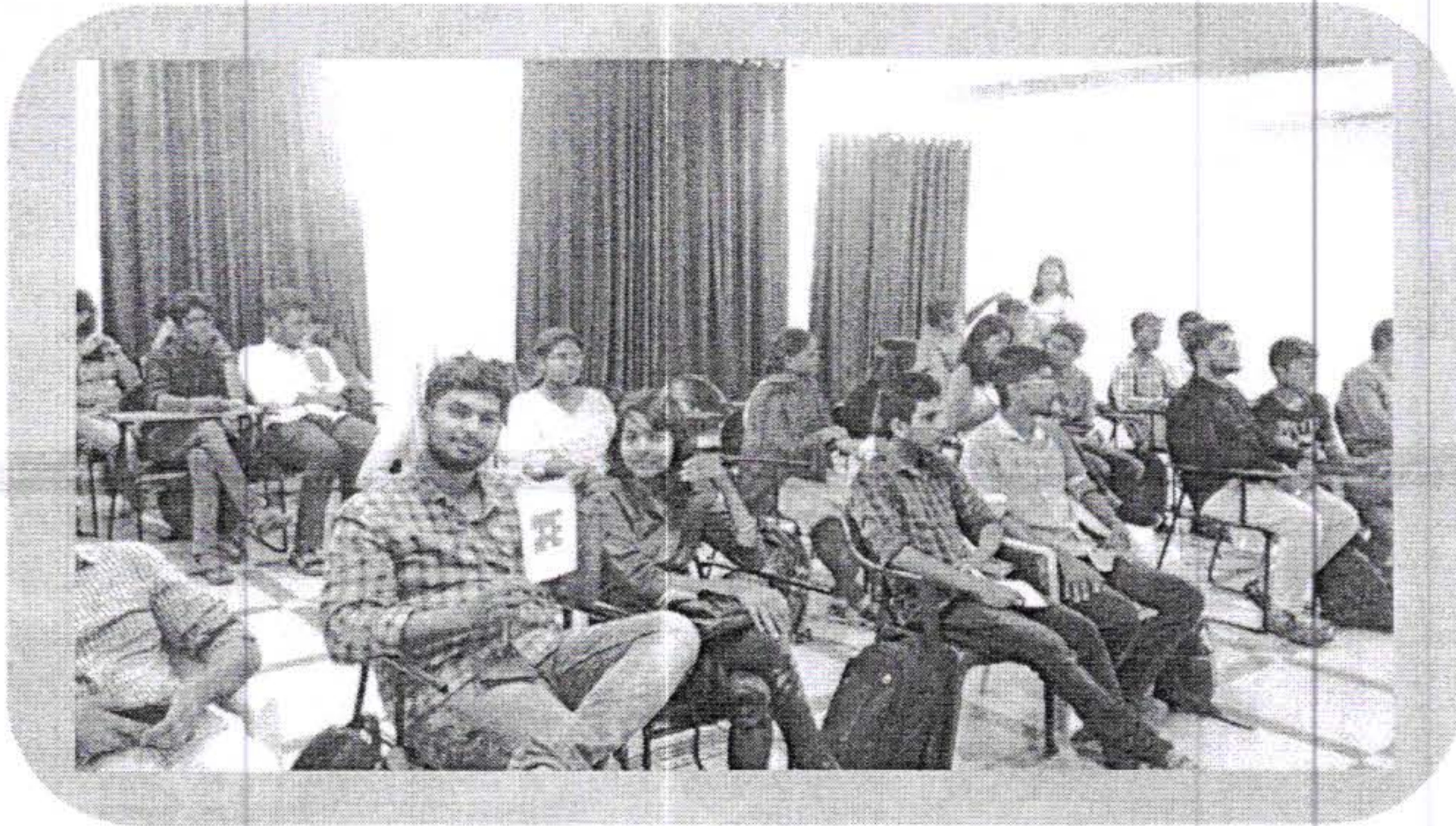
VENUE: Seminar hall, School of Engineering, CUK

NO: OF PARTICIPANTS: 24

BRIEF: final event that had been conducted on the celebrations of engineering week was the 'Smart Quiz', This was executed very beautifully by the crew members and had a juggernaut amount of participants, both IEEE and non-IEEE. The entire week was praised by the HOD and the whole department on being so well coordinated and executed.

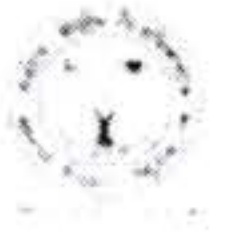
EXPENSES:

LINK:



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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि कलबुरगी / Kadaganchi Kalaburagi - 585 367.



33

14) TALK BY DR. RAHUL MANDAKNALLI ON ACCOUNT OF WORLD MENTAL HEALTH DAY:

TOPIC: YOUNG PEOPLE AND MENTAL HEALTH IN A CHANGING WORLD

DATE: 09th Oct 2018

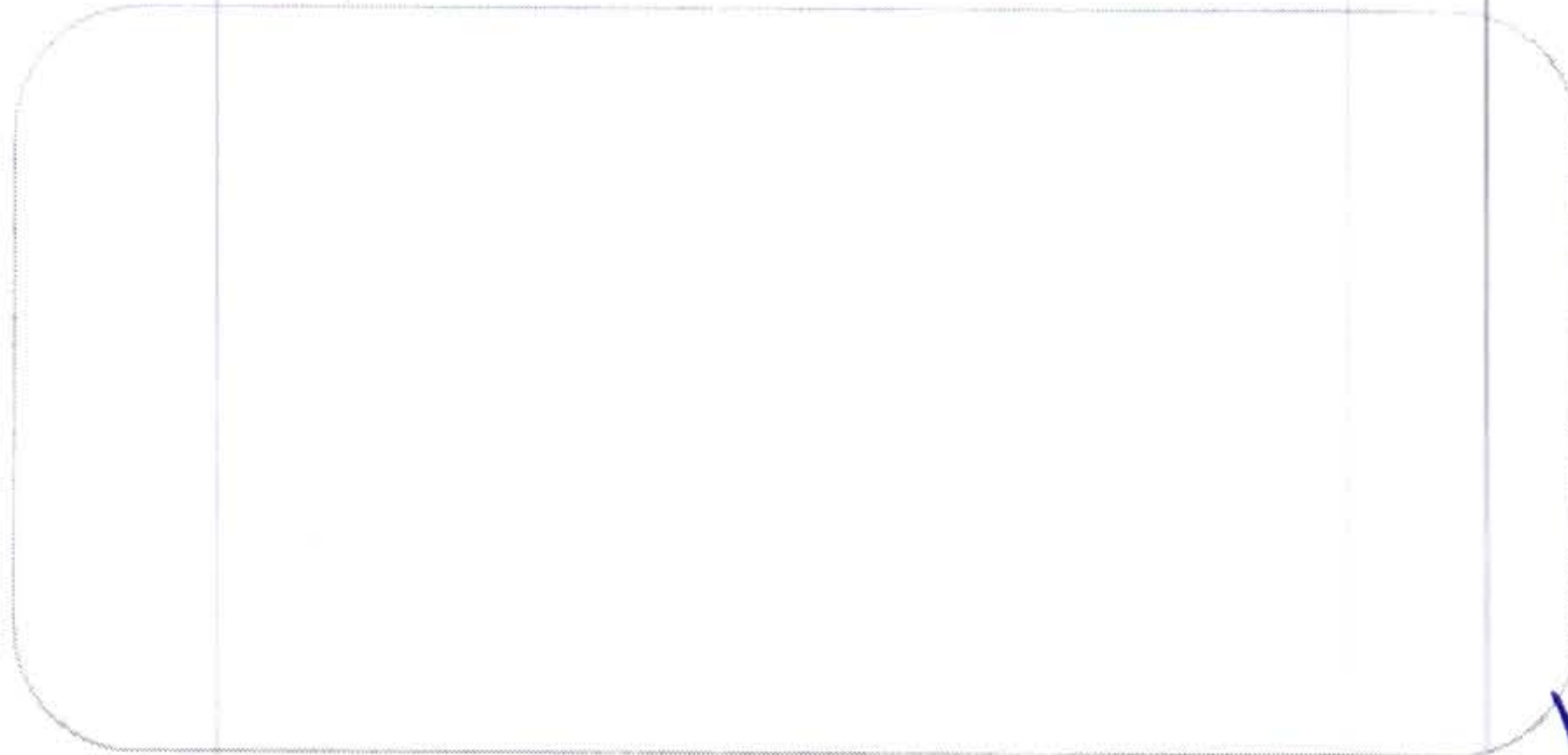
VENUE: Seminar hall, CUK

NO: OF PARTICIPANTS:

BRIEF: World mental Health Day was celebrated by IEEE Student Branch of Central University of Karnataka on 9th of October 2018. The chief guest of this event was Dr. Rahul Mandaknalli (MBBS, MD psychiatry) renowned psychiatrist of Karnataka. Following the theme of 2018 World Mental Health Day there was a talk by Dr. Rahul on "YOUNG PEOPLE AND MENTAL HEALTH IN A CHANGING WORLD" where he said The expanding use of online technologies, while undoubtedly bringing many benefits, can also bring additional pressures, as connectivity to virtual networks at any time of the day and night grow. An interactive section was followed by the talk where tips for mental health was shared by Dr. Rahul to the students. The event was a huge success with a participation of 75+ students where both IEEE and non IEEE members participated along with other teaching and non-teaching staffs.

EXPENSES:

LINK: <http://sites.ieee.org/sb-cuk/2018/10/10/world-mental-health-day/>



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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंघी कलबुर्गी / Kadaganhi Kalaburagi - 585 367.



Central University of Karnataka
IEEE Student Branch



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16) ONLINE QUIZ ON WORLD STANDARDS DAY

TOPIC: IEEE Standards.

DATE: 14th Oct 2018

VENUE: Online

NO: OF PARTICIPANTS:458

BRIEF: IEEE Standards Day was celebrated by IEEE Student Branch of Central University of Karnataka on 14th of October 2018 where the student branch organised and online quiz for all the students from India. The quiz was open for both IEEE and non-IEEE members with zero registration fee. The topic of the quiz was IEEE standards on a total score of 200 marks where each question where assigned a definite make with no negative marking system. The quiz timing was from IST 5 pm to 6:45 pm of 14th October 2018. The online quiz was a grand success where we received 458 submissions from all over India.

EXPENSES: Rs.0

LINK :<http://sites.ieee.org/sb-cuk/world-standards-day-quiz/>

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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि कलबुरगी / Kadaganchi Kalaburagi - 585 367.



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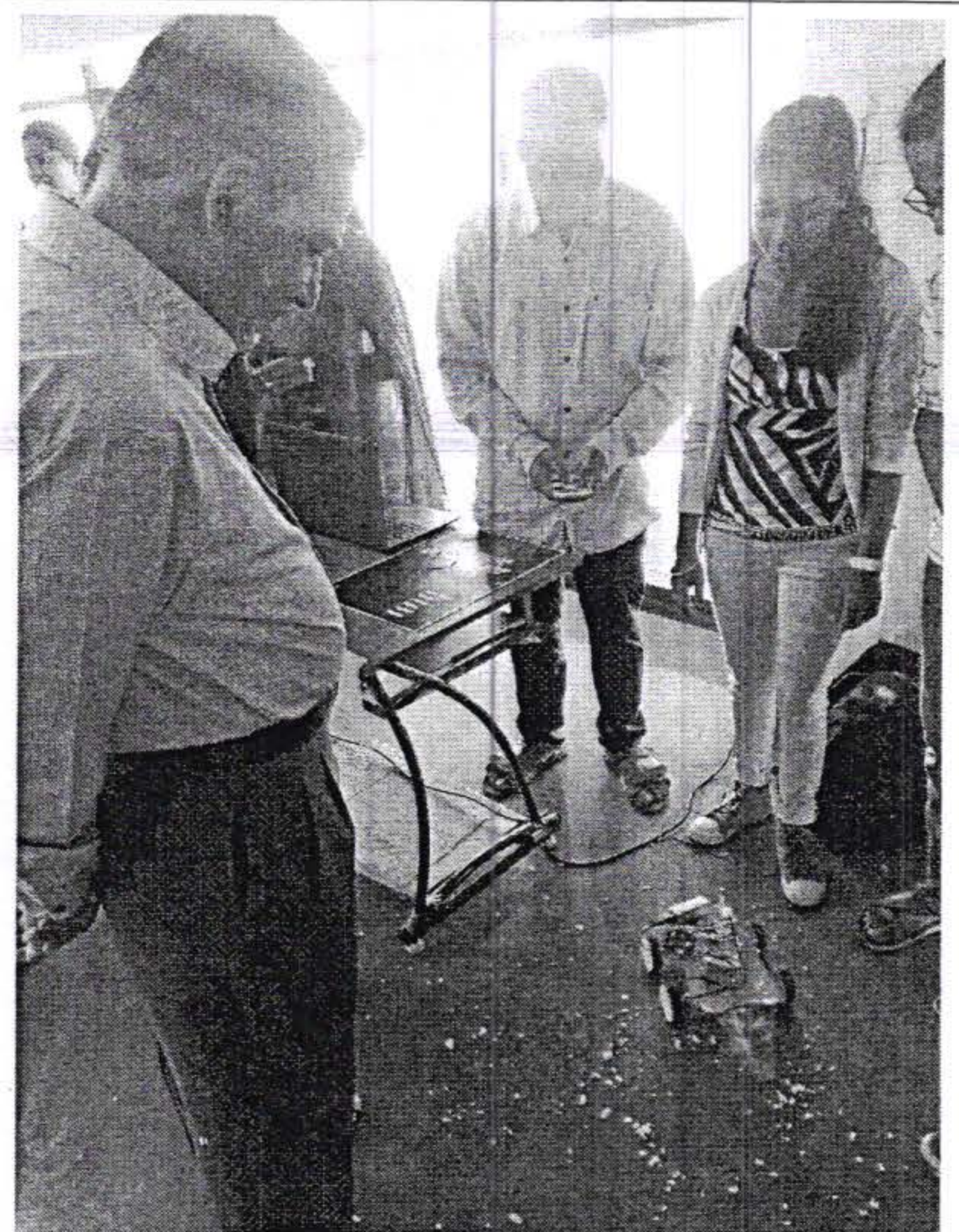
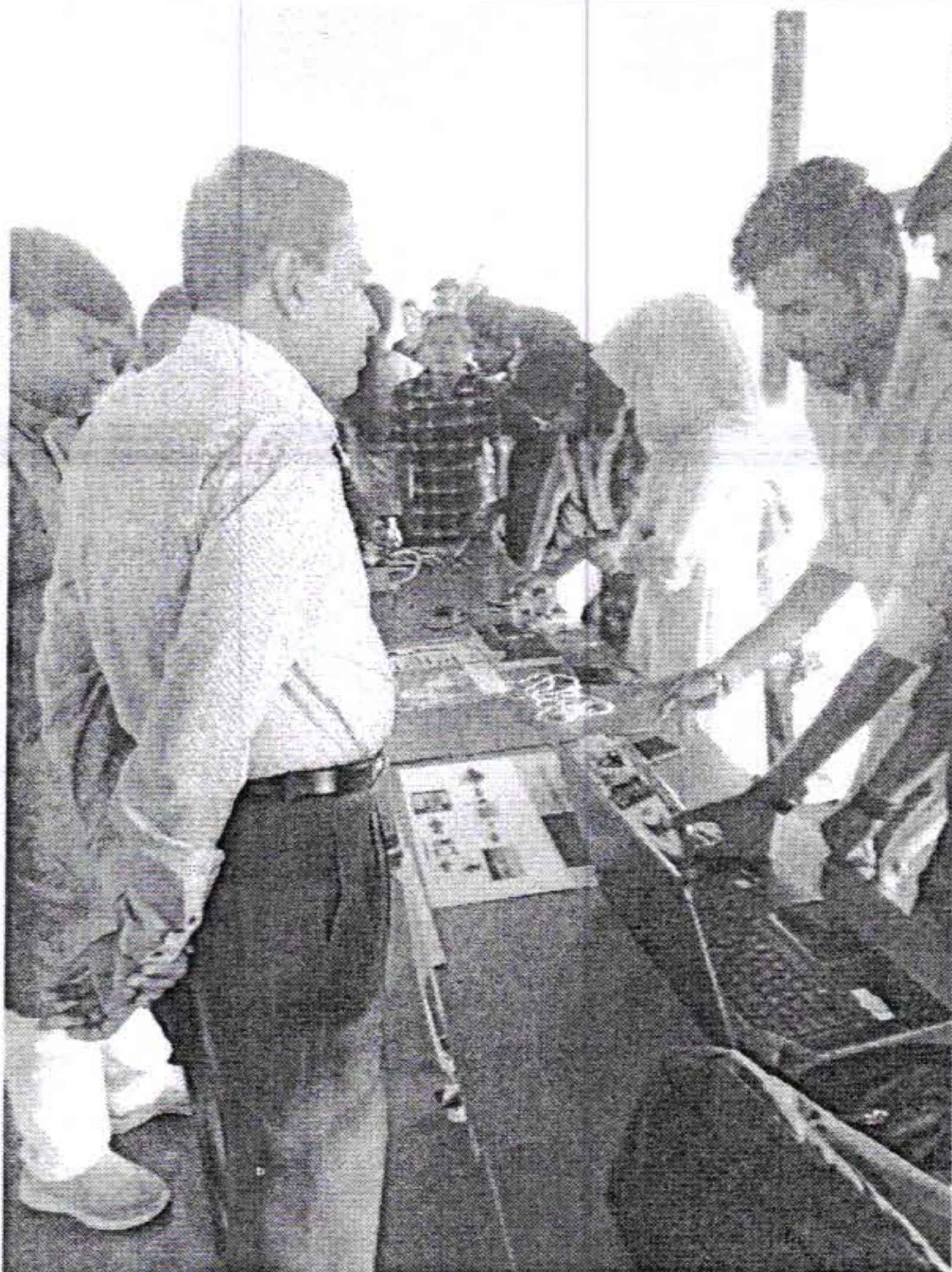
3) TECHNO-NIRMAN PHASE 1 (Innovative Students' Project Exhibition)

Date: 26th JAN 2019

Venue: Admin Hall, Central University of Karnataka

No: of Participants: 28 Projects

Brief: The students were given the chance to show their workmanship and get their own feedback loop for the works and engineering projects that they did by exhibiting the same at the administration section of the campus during republic day, the event was a gigantic success due to the sheer number of participants and an unprecedented 28 projects to be shown, the students irrespective of their year or semester mustered some ideas, put the pedal to the grindstone and crafted beautiful technical projects, these were seen and praised by students and faculties alike and the best ones were applauded





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12) ARDUINO HACKATHON

Date: 16TH Mar 2019

Venue: System Design Lab , School of Engineering, Central University of Karnataka

No: of Participants: 76

Brief: Based on the input from the workshops of the previous days, the Arduino hackathon was the challenging bit of the entire event, it involved various levels of problem-solving and critical thinking, the event also boasted huge participation and praise for being very thorough and all-round, the top three winners of the event were given certificates and cash prizes, the thought of bringing back the event with more programs and activities are currently in discussion.



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अध्यक्ष / HEAD

इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्मलोक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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14) SPECIAL TALK BY PROF SURESH JANGAMSHETTI

37

Date: 24TH July 2019

Topic: Benefits of IEEE

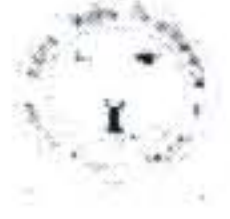
Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 70

Brief: Prof Suresh Jangamshetti is the chair of North Karnataka Hub under IEEE Bangalore section. He Enlighted the first-year students with the importance of IEEE and motivated to join IEEE for their brighter future. He explained the benefits of IEEE and also explained how, IEEE is an platform to bring out the potential of the student, IEEE is an platform which connects people around the world so that one explore and imbibe new ideas to build his own career

5.1.3 (19-20)





17) INTRODUCTION TO IEEE COMPUTER SCIENCE SOCIETY

38

Date: 9th Aug 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 64

Brief: The session was taken by Dr. Vishwas Lakkundi, Chair Elect IEEE Computer Society Bangalore Chapter. He motivated students to join Computer society by showcasing salient features of IEEE Computer Society. All students were well convinced about joining Computer Society and also starting a Computer Society chapter under IEEE Student Branch Central University of Karnataka.



अध्यक्ष / HEAD

इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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20) TECHNO-NIRMAN PHASE 2 (Innovative Students' Project Exhibition)

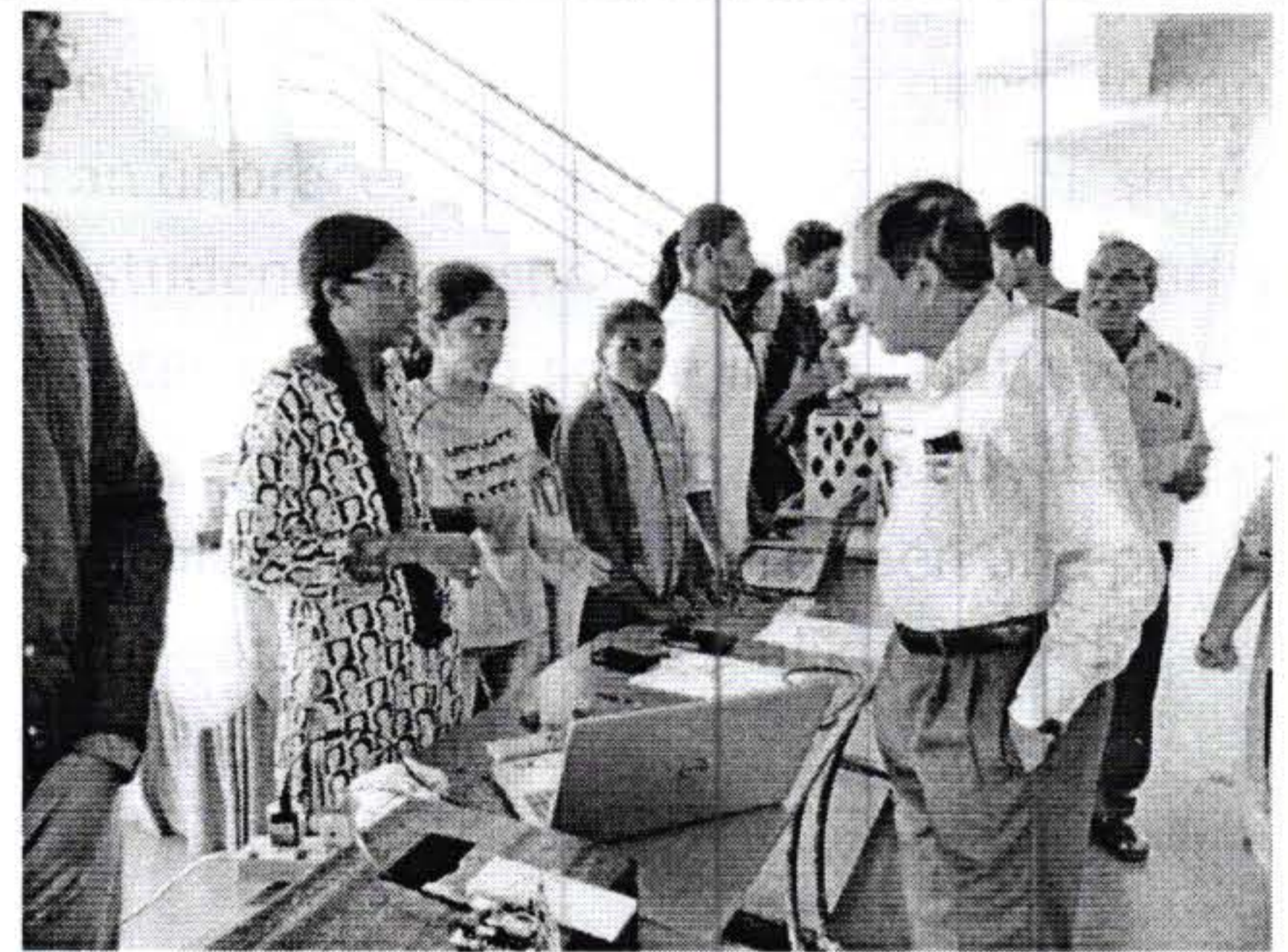
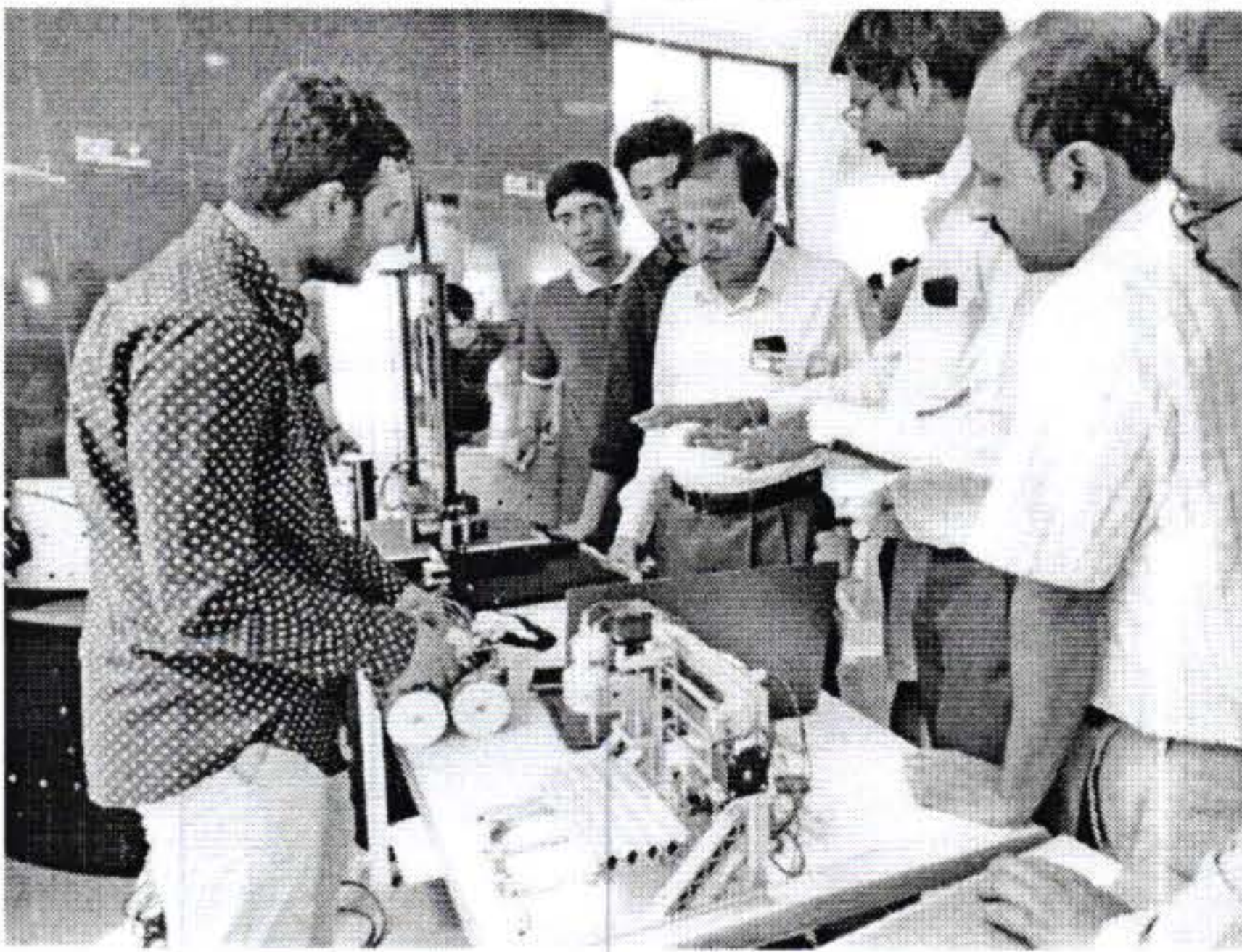
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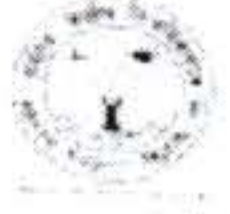
Date: 15th Aug 2019

Venue: Admin block, Central University of Karnataka

No: of Projects: 41

Brief: The students were given the chance to show their workmanship and get their own feedback loop for the works and engineering projects that they did by exhibiting the same at the administration section of the campus during republic day, the event was a gigantic success due to the sheer number of participants and an unprecedented 41 projects to be shown, the students irrespective of their year or semester mustered some ideas, put the pedal to the grindstone and crafted beautiful technical projects, these were seen and praised by students and faculties alike and the best ones were applauded





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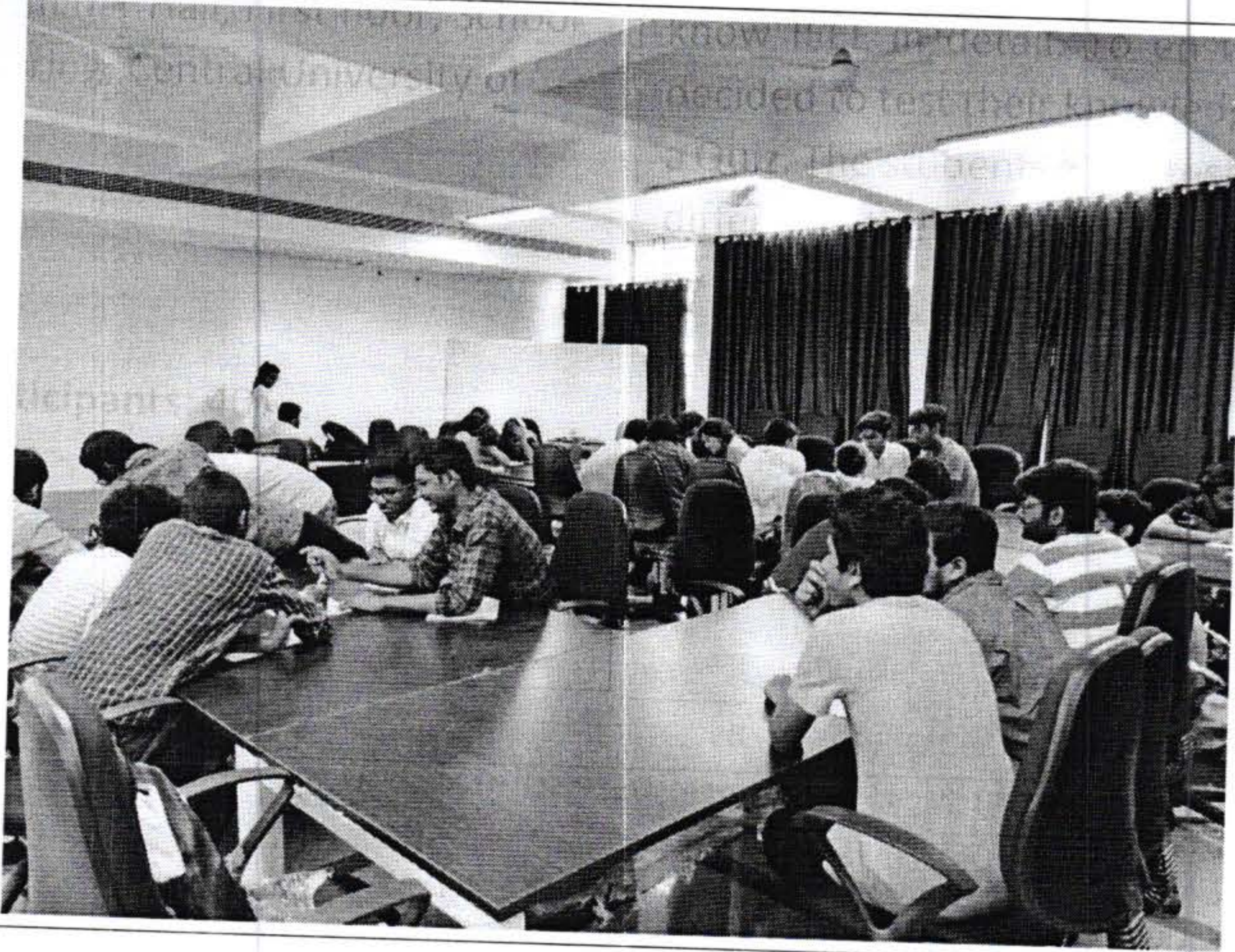
23) QUIZ ON 'IEEE'

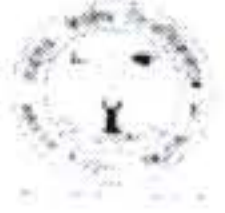
Date: 29TH AUG 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 40

Brief: IEEE Student branch CUK got one year old on 30th Aug 2019. Being student members for more than a year, it's important for them to know IEEE in detail. To ensure the same, we decided to test their knowledge in IEEE through a Quiz. The students were tested on the history, different other features and applications put up by IEEE.





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24) POSTER PRESENTATION COMPETITION

Date: 30TH Aug 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

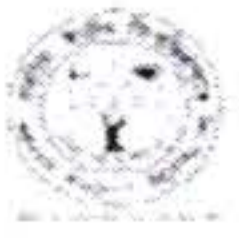
No: of Participants: 6

Brief: IEEE SB CUK organised poster presentation competition also to make awareness of different opportunities and features IEEE give for its student members. All the posters were presented in the IEEE SB CUK so that students attending various programs can also look into these posters forever.



अध्यक्ष / HEAD

ईलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
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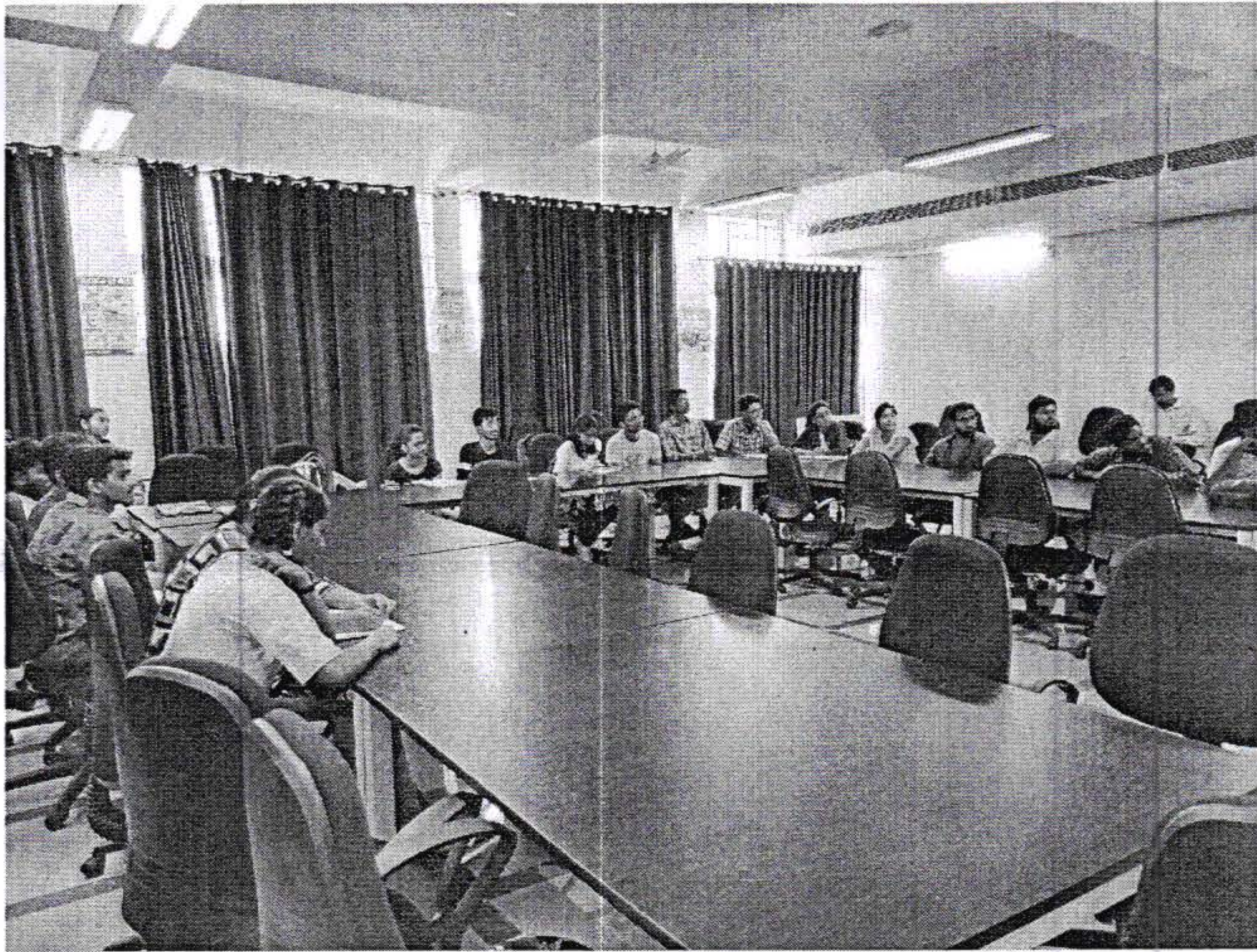
28) DEBATE ON ENGINEERS FOR A CHANGE

Date: 15th Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 40

Brief: On the occasion of engineer's day, IEEE SB CUK organised debate on engineers for a change. The students debated the change engineers are bringing in both in a positive and negative way to the society. Students discussed how important it is engineer for changing a society. The best teams were given prizes.



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इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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32) ONLINE QUIZ

Date: 01ST Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 230

Brief: IEEE student branch organised an online quiz for all the students from India. The quiz was open for both IEEE and non-IEEE members with zero registration fee. The topic of the quiz was Space science, quantitative and reasoning etc, on a total score of 200 marks where each question where assigned a definite make with no negative marking system. The quiz timing was from IST 4 pm to 6pm of 1st October 2019. The online quiz was a grand success where we received 200 submissions from all over India.

IEEE DAY
Celebrating 10 Years
Innovating Technology, Inspiring Tomorrow

Central University of Karnataka
IEEE Student Branch
presents

**ONLINE
OPEN QUIZ**

Winners will be getting attractive prizes and all participants will be getting participation e-certificates

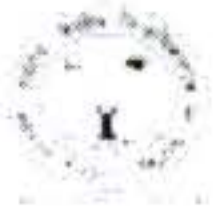
01 OCT 2k19
4:30 PM
APTITUDE & REASONING
SPACE SCIENCE

Quiz Link: <http://bit.ly/2nBdZSz>

for further info contact:
adwaitpm@gmail.com

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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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34) INNOVATIVE IDEAS SUBMISSION

Date: 01ST Oct 2019

Venue: Online event.

No: of Participants: 21

Brief: This Programme was developed as a part of engaging with students at very different levels ranging from completely offline to completely online, this particular program was completely online-based, where developed drafts of ideas of various students from various colleges and the ideas are revisited, roughly and grossly evaluated, then taken under evaluation to whether they should be put in as an idea under the incubation cell as to make it fruition to reality , the event was acclaimed for its diverse range and the participation involved in it



IEEE DAY



Central University of Karnataka
IEEE Student Branch
presents

**ONLINE INNOVATIVE
IDEA SUBMISSION**

Submissions should be made
before 01 OCT 3 PM

Best ideas will be given attractive
prizes and all participants will be
getting e-certificates

Submit the idea to the given link
<https://site.ieee.org/sb-cuk/registration>

Handwritten signature

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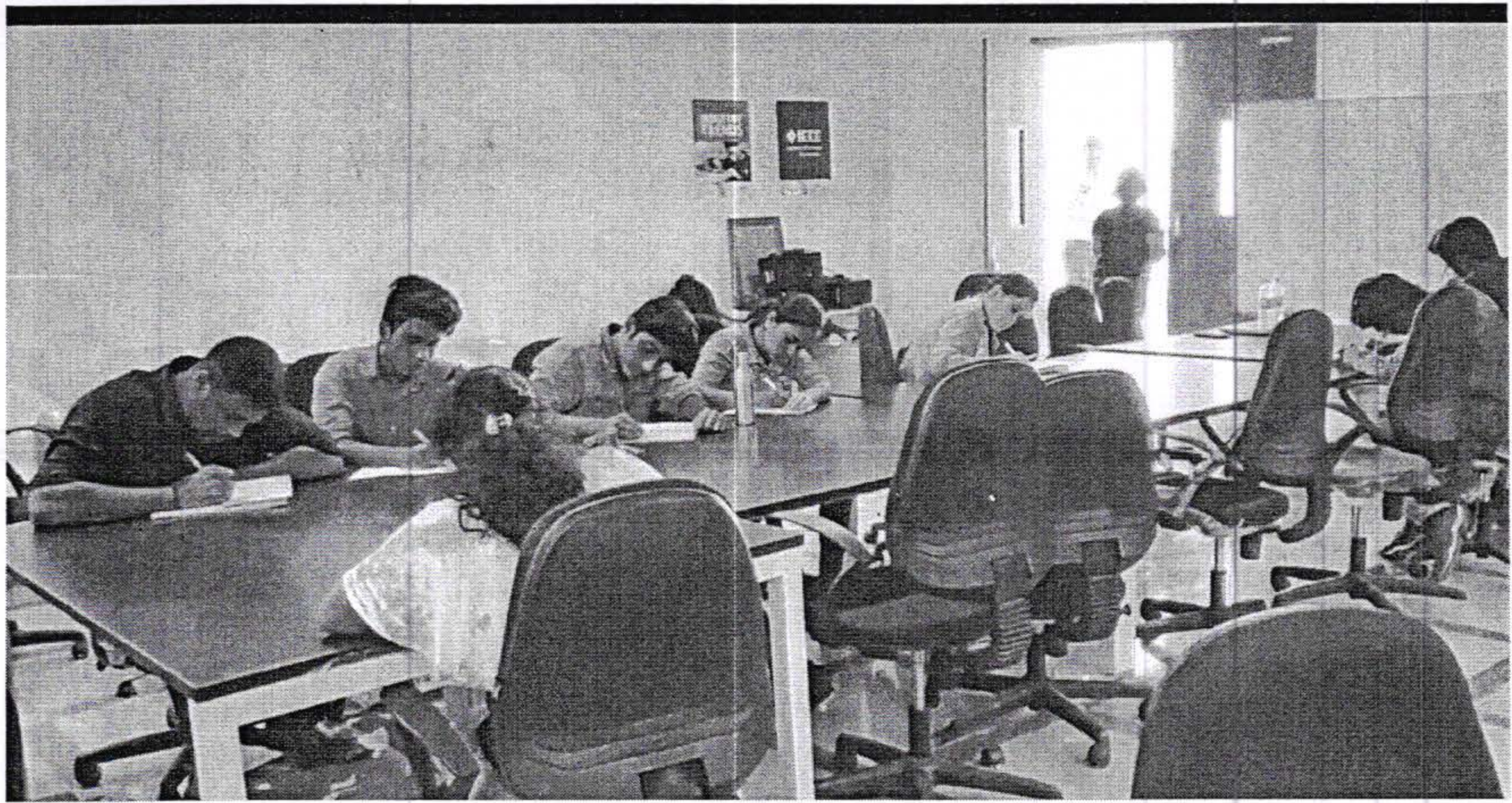
37) ESSAY WRITING COMPETITION

Date: 15TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 25

Brief: This Competition was one to bring the creative side of the students, the featured topic of the essay was the vision that Abdul Kalam had, the students that turned out for the program wrote marvellous and descriptive accounts of how the Missile man's vision touched them and then describes the ways through which how his vision can be made to fruition, the essays pinned where very thoughtful and a statement on how some of Kalams thought process' and vision have been ingrained to an effective extent in the youth .



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इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केंद्रीय विश्वविद्यालय / Central University of Karnataka
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41) WORKSHOP ON LEARNING HOW TO LEARN

Date: 25TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants:



Brief: The concept of learning and the dynamics of the learner's mind have always been an intriguing topic to step foot on, the depth of the topic can be astounding and complex in nature at the same time, the cognition and the thought process of the learner can be identified and modulated using time tested strategies that can bring out the best in the learner, the key takeaway from the discussion was that learning ability is not fixed, but has a huge degree of plasticity to it as a whole, the way the brain forms links and more synapses are input determined and the way the input is given, which is usually habitual and a change of habit and practices as little bit a day, can show a huge change in a person's learning curve, the Workshop proved to be deeply profound and insightful to the students.

Ch. Anu

अध्यक्ष / HEAD

ईलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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46) EXHIBITION OF 500+ CREATIVE EXPERIMENTS

46

Date: 11TH Nov 2019

Venue: Administrative Block, Central University of Karnataka.

No: of Participants: 100+

Brief: IEEE SB CUK is organizing "Exhibition of 500 + Creative Experiments" on the occasion of National Educational Day 2019 on 11 November 2019. The 1st semester IEEE student members are exhibiting more than 500 experiments at ONE PLACE to demonstrate their joy of creativity in learning and education.

IEEE BANGALORE SECTION Central University of Karnataka IEEE Student Branch
In collaboration with School of Engineering Organizes
IEEE PES Power & Energy Society
Exhibition of 500+ Creative Experiments
On Occasion of National Educational Day 2019
11 November 2019, 10 AM Admin Block, CUK
Welcome



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4) Workshop on GitHub

Date: 14TH FEB 2020

Topic: Git and GitHub

Venue: Seminar Hall, Admin block,
Central University of Karnataka

No: of Participants: 30

Brief:

Workshop was conducted by Atmadeep Arya,
Creative learning team lead.

There was a wide variety in participation.



IEEE SB CUK

GITHUB WORKSHOP 2020

PLEASE DO REGISTER
AT <https://qr.go.page.link/F9xdB>

FEBRUARY 14TH | 10AM - 1PM

SEMINAR HALL, SCHOOL
OF ENGINEERING

Note: Only for first 30
registrations and bring
your own laptop



Arya

Dept. of Electrical Engineering
Central University of Karnataka
Kadaganahalli Kalaburagi - 585 367.



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9) 3D Design Competition

Date: 23rd FEB 2020

Venue: Seminar Hall, school of engineering, Central University of Karnataka

No: of Participants: 40

Brief:

This event was conducted leaving with no topic leaving to all thinking capacity of the participants.

The judgement criteria were released before in order to get a clear picture for them.



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11) Meta Learning Workshop

Date: 27th FEB 2020

Venue: Seminar hall, School of Engineering, Central University of Karnataka

No: of Participants: 30

Brief:

A workshop on some of the leading research in cognitive psychology, skill acquisition and optimal human performance.



LEARNING HOW TO LEARN

A WORKSHOP ON META LEARNING

FIRST 30 REGISTRATIONS ACCEPTED...
FREE TO PARTICIPATE

Syllabus:

1. SMART STUDY AND STUDY SKILLS
2. TIME MANAGEMENT
3. HOW TO SET GOALS
4. CONFIDENCE BOOSTERS
5. MEDITATION THERAPY
6. HOW TO FIND YOUR PASSION
7. CONCENTRATION ENHANCEMENT THERAPY

FEBRUARY 27TH 2020
10AM - 1PM and 2PM - 5PM
Seminar Hall, School of Engineering

PLEASE DO REGISTER AT
<https://qrqo.page.link/JW7AJ>

Contact us: 9611948767

SCAN



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5.1.3-(20-21)

Debug it (Code Debugging competition)

Date: 30 October 2020, 03:00 PM to 08:00 PM

This event was taken up in collaboration with HackerRank wherein a number of problem statements were provided along with codes with error in them. Participants were required to find bugs in these codes and correct them

IEEE Central University of Karnataka
IEEE STUDENT BRANCH

IEEE

We don't challenge your coding skills rather your debugging skills!

Event date: 31st October
Event time: 17:00 - 19:30

DEBUG IT

Code Debugging

Win Exciting Cash Prizes

Register yourself at:
<https://rb.gy/gtuyvc>

Register before October 30

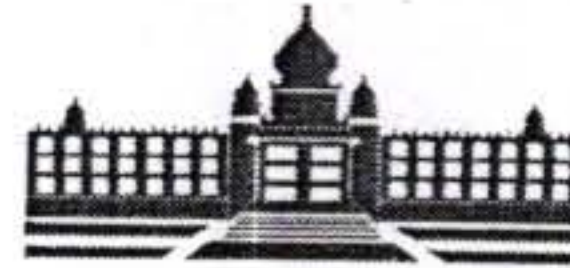
E-Certificates would be given to all the participants

@ieee_cuk

ieeesb@cuk.ac.in

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(51)

Conundrum (Circuit Debugging competition)

Date: 31 October 2020, 03:00 PM to 08:00 PM

This contest was conducted in three rounds consisting of MCQ, visual round and finding errors in circuit respectively.

The poster features a central circular graphic with the word "CONUNDRUM" inside. The background is dark with glowing circuit lines. Text on the poster includes: "THE CASH PRIZE AWAITS YOU!", "Event date: 31st October | 05:00 PM", "CIRCUIT DEBUGGING COMPETITION", "Event Roadmap: Round 1: MCQ Based, Round 2: Visual Round, Round 3: Circuit Debugging", "Registres yourself here: <https://rb.gy/gtuyvc>", "E-Participation certificates would be provided", "ieeesb@cuk.ac.in", "ieee_cuk", and "site.ieee.org/sb-cuk".

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अध्यक्ष / HEAD
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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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Talk on Women in industry: Maintaining Balance

<p>Date: 6th March, 2021 03:00 PM to 04:00 PM</p> <p>Venue: Google Meet, Online</p> <p>No. of Participants: 99</p>	<p>Brief: The session highlighted many facts that people do not, that by hiring a diverse team of qualified men and women, you can experience benefits such as increased employee engagement and creativity. Women can bring unique experiences to the table; use these experiences to boost productivity and motivation levels.</p> <p>Speaker explained about the struggles and challenges faced in industry and how to overcome them. She shared the solutions to overcome them and the talk was an inspiration to women to develop their career.</p>
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Talk on Women in Industry "Maintaining the Balance"

Date: 06-03-2021
Time: 3PM-4PM

Register here:
<https://forms.gle/DfNpySHTiarsYA7q6>



Mrs. Ranjani Rajanikanth
Senior Director at
Honeywell.

Mrs. Ranjani Rajanikanth

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

All the Participants will receive an E-Certificate

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WOMEN'S DAY CELEBRATION SESSION ON YOGA, WELLNESS AND PCOD AWARENESS

- Date: **07 Mar 2021**
- Time: **08:00 AM to 09:00 AM**

The talk was on the importance and role of yoga in our fitness which helps even for women who face issues with PCOD, PCOS etc. She also showed some important asanas that help in keeping our bodies fit.



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IEEE
BANGALORE SECTION



Central University of Karnataka
IEEE STUDENT BRANCH

Session on YOGA, WELLNESS and PCOD AWARENESS

"Almighty's Substantial Gift to Mankind"

Date: 07-03-2021
Time: 8AM-9AM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>

Ms.Purvika Reddy

Vipasana Yoga trainer



Ms.Purvika Reddy

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

All the Participants will receive an E-Certificate

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अध्यक्ष / HEAD *Amy*
इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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WOMEN'S DAY CELEBRATION TALK ON HEALTH AND FITNESS IN WOMEN

Speaker: Shashikala Krishnamurthy

- Date: **07 Mar 2021**
- Time: **04:30 PM to 06:00 PM**

Importance and health and how women ignore about their fitness and selfcare was discussed. Speaker explained about the types of food items to be included in our diet for a healthy lifestyle



Central University of Karnataka
IEEE STUDENT BRANCH

Talk on HEALTH AND FITNESS

"Shield against illness"

Date: 07-03-2021
Time: 3PM-4PM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>

Dr. Shashikala Krishnamurthy
Pathologist and Microbiologist .



Dr. Shashikala
Krishnamurthy

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

All the Participants will receive an E-Certificate



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इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
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INCREASING THE VISIBILITY OF WOMEN IN ENGINEERING - PANEL DISCUSSION

- Date: **09 Jul 2021**
- Time: **11:00 AM to 12:30 PM**

The eminent Panelists were Hon. Anindya Saha. Anindya Saha is Chief Technology Officer (CTO) at Saankhya Labs with approximately 25 Years of experience. He is an expert on Software Defined Radios and leading the design and development of the Baseband and RF subsystems for Saankhya's products in wireless communication, including Radio development for 5G. He has been instrumental in SDR Platform development and holds several fundamental patents and publications in this domain and Hon. K Sudha Deepthi. Ms. K. Sudha Deepthi has been actively working as Manager and Certified Trainer – Bosch Rexroth Innovation Lab in Dayananda Sagar University, Bangalore from October 29, 2015 to present. She has obtained her M.Tech in Aerospace Engineering from JNTU, Hyderabad (IARE, DUNDIGAL) and B. Tech., in Mechanical Engineering from JNTU, Ananthapur and currently pursuing her Phd in Dept. of Mechanical Engineering at Dayananda Sagar University. She has worked as Project Assistant in DRDL (Defense Research & Development Laboratory) in the area of Missiles, developed MATLAB coding for Air to Air missile optimizing its Trajectory. She has total work experience till date including Teaching with Administrative and Industrial is 8 years, 4 Months. Her Present experience in Dayananda Sagar University is 4 Years, 1 Month. She has also guided Projects from UG to PG Level in ANSYS, CATIA, and MATLAB. She also Started a Initiative of starting a "AeroClub" under which many workshops and Hands on Workshops on Flying Drones/UAV s/MAV s were conducted in Mallareddy College of Engineering & Technology, also Conducted workshop on "AVIONICS SYSTEMS" in Mallareddy College Of Engineering & Technology and was the main faculty coordinator.

The third panelist was Dr. Kumudhini Ravindra who is the Principal Partner – Strategic Innovation, Standards & Sustainability at Innomantra Consulting, Chief Mentor at Blue Lotus Inc, and a startup mentor. She is a Business Transformation Leader with over two decades of multidisciplinary experience. Her expertise is in the areas of clean technologies, innovation, design, and systems thinking. A recognized thought leader, Dr. Kumudhini has worked and contributed to various clean tech projects across the globe. Her work on designing and implementing community microgrids was pioneering research on Microgrids in India. She has a strong quantitative & system modeling background along with Innovation Product Lifecycle Management (iPLM) experience.

On the day of the event, Kumari Hridya served as the host. It was hosted on the Google Meet platform, and there were 80 attendees, meanwhile Kumari Kruteeka served as the moderator for the event.

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56

FLASH ON THE SHUTTER

Flash on the shutter was a candid photography competition hosted by the IEEE SB CUK on the occasion of International Women's Day 2022.

The contest was themed on - Women In Profession. The forms for the contest were released on 6th of March 2022, and it was active from 7th of March to 11th of March. 20 participants took part in the competition.

The result was announced on the 21st of March 2022

The poster features the following text and graphics:

- Logos for Central University of Karnataka, IEEE Student Branch, IEEE Bangalore Section, and IEEE.
- Text: "WIE are the FUTURE"
- Section Header: "FLASH ON THE SHUTTER"
- Sub-Header: "Candid Photography Competition"
- Theme box: "Theme: Women In Profession"
- Illustration of a woman taking a photo with a camera on a tripod.
- Deadline: "Deadline 11 March 2022"
- Find details here: <https://forms.gle/roo9HPBL7WG1DbqM9>
- Social media links: Facebook (/ieee_cuk), Email (/ieeesb@cuk.ac.in), Instagram (/ieee_cuk), LinkedIn (/ieee_cuk), and Website (/site.ieee.org/sb-cuk).

The participants were handed out participation certificates while the winners received amazing rewards along with the participation certificates. Date and Time Start time: 07 Mar 2022 04:30 PM

End time: 11 Mar 2022 04:30 PM All times are (UTC+05:30) Chennai Add Event to Calendar iCal

Google Calendar Location

bit.ly/Flash_on_the_shutter Hosts

Central University of Karnataka, WIE Central University of Karnataka Central University of Karnataka, PE31

Central University Of Karnataka SB SIGHT Central University of Karnataka

अध्यक्ष/HEAD

ईलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंची कलबुर्गी / Kädagānēhi Kalaburagi - 585 367.



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

57

NAME THE DAME

Name the Dame was a fun-filled game event hosted by the IEEE SB CUK on the
8th of March 2022 at 6 PM IST.

The event was hosted by Hridya P and the moderator was K Chenthamil Moorthy. The game was divided into three levels. In the first round, where the participants had to guess the women from their quotes. In the second round, where the participants had to guess the movies based on women, from the emoticons shown in the slides. In the third round, where the participants had to guess the female speakers based on the audio clip played. The participation count for the event was 65.

The result was declared on the 21st of March 2022. The participants were handed out participation certificates and the winner received an amazing reward along with the certificate.

Date and Time

Date: 08 Mar 2022 Time: 06:00 PM to 08:00 PM All times are (UTC+05:30) Chennai

Central University of Karnataka
IEEE Student Branch

IEEE Student Branch CUK
presents

+
WIE are the FUTURE

»»»»
Name THE DAME

WHO SAID WHAT? UP FOR A GUESSING GAME?

Date: 08 March 2022 Time: 6:00 PM Onwards Register here: bit.ly/Name_The_Dame

GET A CHANCE TO WIN EXCITING PRIZES!!

f /ieee_cuk | /ieee_sb@cuk.ac.in | /ieee_cuk | in /ieee_cuk | site.ieee.org/sb-cuk

Google Calendar Location bit.ly/Name_the_Dame Hosts

Central University of Karnataka, WIE Central University of Karnataka Central University of Karnataka, PE31

Central University Of Karnataka SB SIGHT Central University of Karnataka, COM19

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58

ONLINE ORIENTATION ON INTRODUCTION TO MI POWER

Date and Time

Date: 21 Apr 2022

Time: 02:00 PM to 05:00 PM

5.1.3-(20-22)

MiPower is a highly interactive, user-friendly windows-based Power System Analysis package. It includes a set of modules for performing a wide range of power system design and analysis study. MiPower features include a top-notch Windows GUI with centralized database. Steady state, transient and electro-magnetic transient analysis can be performed with utmost accuracy and tolerance. Designed to assess the risk of Voltage instability and margin of stability during sudden disturbances, under steady state conditions. This orientation session is followed by a hands-on session on the next day which gave the practice and knowledge about mi power software in a more effective way and helped in learning fault studies in power system in academics for B. Tech students of 2019 batch. Large number of members shown keen interest in such an interesting and insightful orientation session.



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Central University of Karnataka | Department of Electrical Engineering
IEEE PES Student Branch CUK

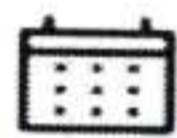
Presents

Online Orientation on

INTRODUCTION TO MI POWER

By Ms. Padmaja B.S.

Manager at Power Research & Development | Consultants
(PRDC) Pvt. Ltd. Software Engineering Group.



21/04/22



2:00PM / 5:00PM

Patron

Dr. Veeresh G K, Dean, School of Engineering

Venue:

D-8 Block, Ground Floor, School of Engineering

Join through Google Meet also

Meeting Link:

<https://meet.google.com/qow-afaq-jox>

Organisers:

Dr. Arun Kumar Patil, Branch Advisor

Dr. Santosha Kumar A, Branch Counsellor



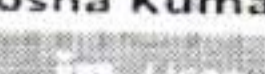
/ieee_cuk



ieee@cus.ac.in



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/ieee_cuk



@ieee_cuk

<https://meet.google.com/qow-afaq-jox> Hosts Central University of Karnataka, PE31 Central University of Karnataka

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अध्यक्ष/HEAD

Handwritten signature

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कादागंची कलबुर्गी / Kadaganchi Kalaburagi - 585 367.



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59

DEVELOPING SUCCESSFUL MINDSETS IN YOUNG ENGINEERS

The IEEE SB CUK hosted a virtual talk event Developing Successful Mindset in Young Engineers on **5th of March 2022 at 10:00 AM IST** to explain what being an engineer is .

The session was hosted on the Google-Meet platform with 80 participants.

The event was moderated by Kruteeka Samal and hosted by Ayush Kumar Mishra.

The eminent speaker of the event was Leo Szeto, who is a Senior Scientific Control Systems Engineer at Nusano.

The session laid focus on giving an insight to the life of an engineer. It also briefed some points, that are important, on how to

be focused and target-oriented. Participants raised many questions and provided comments. The distinguished speaker also ensured that he patiently answered all the questions elaborately. The participants filled out the feedback form and expressed their views on how helpful the session was to them.

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DEVELOPING SUCCESSFUL MINDSET IN YOUNG ENGINEERS

05 March 2022

10 AM - 12 PM

Mr. Leo Szeto
Senior Scientific Control Systems
Engineer, Nusano

Register here:
bit.ly/YoungEngineersTalk

Organizers:
Dr. Santhosha kumar A ,Branch Counselor
Dr.ArunKumar Patil,Branch Advisor

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अध्यक्ष / HEAD *Am*
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कडगंचे कलबुरगी / Kadaganohi Kalaburagi - 585 367.



The IEEE SB CUK is looking forward to organizing more such interactive sessions in the future and helping students enhance

their technical skills. Date and Time Date: 05 Mar 2022

Time: 10:00 AM to 12:00 PM

All times are (UTC+05:30) Chennai Add Event to Calendar

iCal

Google Calendar Location bit.ly/YoungEngineersTalk Hosts

Central University of Karnataka Central University of Karnataka, WIE

Central University Of Karnataka SB SIGHT Central University of Karnataka, PE31 Central University of Karnataka, COM19

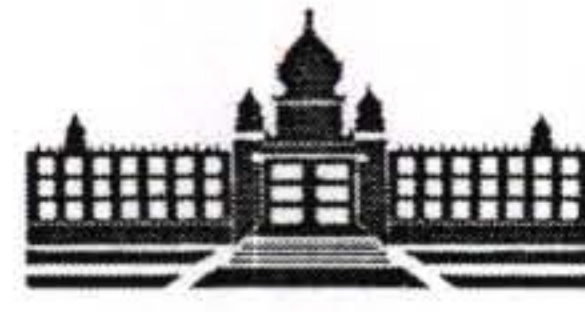
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कडगंचि कलबुर्गी / Kadaganchi Kalaburagi - 585 367.



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Reports 2022-2023



Central University of Karnataka
IEEE STUDENT BRANCH



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**IEEE Student Branch
Central University fo Karnataka - SIGHT**

Event: **SIGHT Government School Visit Program 2023**

Venue: Government Primary School, Kadaganchi, Kalaburagi-585311

Date: 21 Janury 2023

Government School Visit Program organized by **SIGHT group of Central University of Karnataka** was held on **21st January 2023**. This program mainly aimed to focus on overall development of a student both academically and in co-curricular activities.

Event Description:

The Program consisted of various segments which included teaching Physics experiments to class 8 and class 9 students. The teaching session was followed by a Quiz competition, The Quiz consisted 10 questions revolving around Current affairs and General knowledge. It was then followed by Game session where students were encouraged to games like Relay race, Book balance etc... The Winners of Quiz and Games were rewarded with General knowledge books and School stationeries.

The event consisted of around 90+ students both from class 8 and class 9. At the end of the program School Essential Kits were distributed to all the students and Dictionaries were donated to the school library. Overall, the program was very well executed in favour of students and the school, which also inspired many students to explore more and look out for better career opportunities.

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Dept. of Electronics & Communication Engineering
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कडगंची, कलबुरगी / Kadaganchi, Kalaburagi-585 367



School of Engineering

Dept of Electrical Engineering

DISTINGUISHED LECTURE ON SUBSTATION AUTOMATION, SCADA SYSTEMS

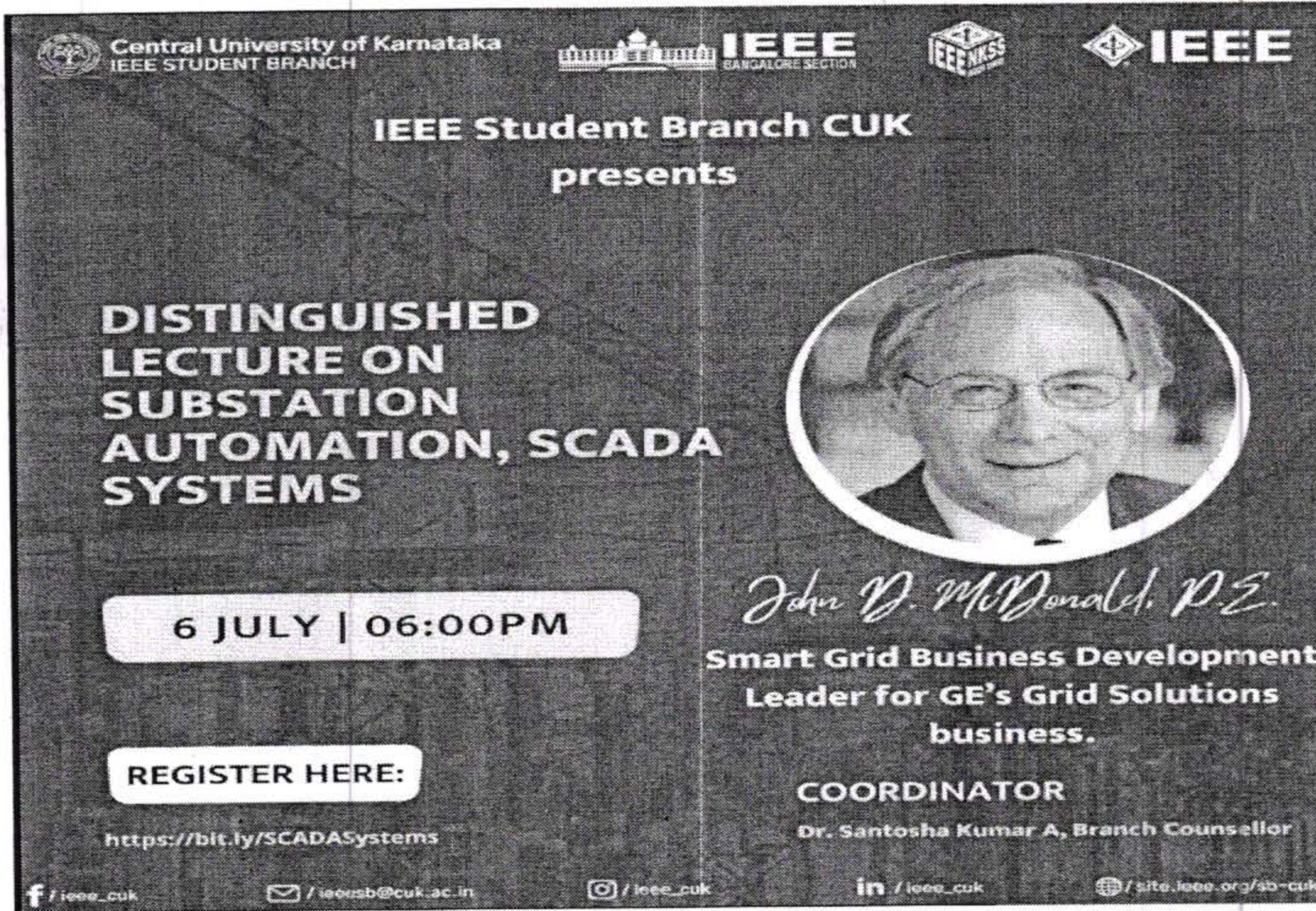
The IEEE SB and Dept of EE CUK hosted a live Panel Discussion on

the 6th of July,2022 from 06:00 AM IST to 07:30 PM IST.


The eminent was John D McDonald who is the leader for GE's Grid Solutions business. On the day of the event, Kumari Hridya served as the host. It was hosted on the Google Meet platform, and there were 80 attendees, meanwhile serving as the moderator for the event. The discussion brought in guidance and inspiration for the participants. The session laid focus on giving a brief about substation automation and SCADA systems. The discussion brought in


Participants raised their concerns and queries. The distinguished speakers also ensured that they patiently answered all the queries elaborately.

The session ended with a vote of thanks.



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**DISTINGUISHED
LECTURE ON
SUBSTATION
AUTOMATION, SCADA
SYSTEMS**






6 JULY | 06:00PM

REGISTER HERE:
<https://bit.ly/SCADASystems>



John D. McDonald, P.E.
**Smart Grid Business Development
Leader for GE's Grid Solutions
business.**

COORDINATOR
Dr. Santosha Kumar A, Branch Counsellor

 /ieee_cuk  /ieesb@cuk.ac.in  /ieee_cuk  /ieee_cuk  /site.ieee.org/sb-cuk

Date and Time Date: 06 Jul 2022


Time: 06:00 PM to 07:30 PM

All times are (UTC+05:30) Chennai Add Event to Calendar iCal

Google Calendar Location

<https://bit.ly/SCADASystems> Hosts

Central University of Karnataka Central University of Karnataka,PE31 Central University of
Karnataka,WIE Central University Of Karnataka SB SIGHT Central University of Karnataka,COM19


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Central University of Karnataka



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

INCREASING THE VISIBILITY OF WOMEN IN ENGINEERING - PANEL DISCUSSION

The IEEE SB CUK hosted a live Panel Discussion on the

9th of July,2022 from 11:00 AM IST to 12:30 PM IST.

The eminent Panelists were Shri .Anindya Saha is Chief Technology Officer (CTO) at Saankhya Labs with approximately 25 Years of experience. He is an expert on Software Defined Radios and leading the design and development of the Baseband and RF subsystems for Saankhya's products in wireless communication, including Radio development for 5G. He has been instrumental in SDR Platform development and holds several fundamental patents and publications in this domain and Shri. K Sudha Deepthi. has been actively working as Manager and Certified Trainer – Bosch Rexroth Innovation Lab in Dayananda Sagar University, Bangalore from October 29,2015 to present. She has obtained her M.Tech in Aerospace Engineering from JNTU, Hyderabad (IARE,DUNDIGAL) and B. Tech., in Mechanical Engineering from JNTU, Ananthapur and currently pursuing her Phd in Dept.of Mechanical Engineering at Dayananda Sagar University. She has worked as Project Assistant in DRDL (Defense Research & Development Laboratory) in the area of Missiles, developed MATLAB coding for Air to Air missile optimizing its Trajectory. She has total work experience till date including Teaching with Administrative and Industrial is 8 years, 4Months. Her Present experience in Dayananda Sagar University is 4 Years, 1 Month. She has also guided Projects from UG to PG Level in ANSYS, CATIA, and MATLAB. She also Started a Initiative of starting a "AeroClub" under which many workshops and Hands on Workshops on Flying Drones/UAV s/MAV s were conducted in Mallareddy College of Engineering & Technology, also Conducted workshop on "AVIONICS SYSTEMS" in Mallareddy College Of Engineering & Technology and was the main faculty coordinator.

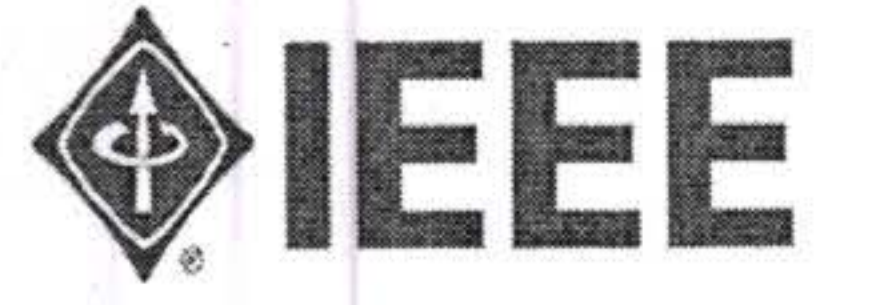
The third panelist was Dr. Kumudhini Ravindra who is the Principal Partner – Strategic Innovation, Standards & Sustainability at Innomantra Consulting, Chief Mentor at Blue Lotus Inc, and a startup mentor. She is a Business Transformation Leader with over two decades of multidisciplinary experience. Her expertise is in the areas of clean technologies, innovation, design, and systems thinking. A recognized thought leader, Dr. Kumudhini has worked and contributed to various clean tech projects across the globe. Her work on designing and implementing community microgrids was pioneering research on Microgrids in India. She has a strong quantitative & system modeling background along with Innovation Product Lifecycle Management (iPLM) experience

On the day of the event, Kumari Hridya served as the host. It was hosted on the Google Meet platform, and there were 80 attendees, meanwhile Kumari Kruteeka served as the moderator for the event.

The session laid focus on breaking the gender bias in present society and on increasing the presence of women in the technical field, that is, engineering. Panellists shared how they handled the prejudices. Their views on the issue and personal work experiences were also discussed. The discussion brought in guidance and inspiration for the participants.

अध्यक्ष / HEAD

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Dept. of Electronics & Communication Engineering
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कडगंचि, कलबुरगी / Kadaganchi, Kalaburagi-585 367



Participants raised their concerns and queries. The distinguished speakers also ensured that they patiently answered all the queries elaborately.

The session ended with a vote of thanks.

Date and Time Date: 09 Jul 2022

Time: 11:00 AM to 12:30 PM

All times are (UTC+05:30) Chennai

Add Event to Calendar iCal

Google Calendar Location

bit.ly/WIE-WEEK-2022 Hosts

Central University of Karnataka Central University of Karnataka,PE31 Central University of Karnataka,WIE

Central University Of Karnataka SB SIGHT Central University of Karnataka,COM19


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University of Karnataka



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

ISRO VIRTUAL TOUR

- Date: **01 Aug 2022**
- Time: **10:00 AM to 01:00 PM**

By : Dr T. S Prasad.

IEEE SB of Central University of Karnataka conducted a virtual tour to ISRO on 1st August 2022. The event was hosted by Kumari Hridya P and moderated by Kumar Kavya Kamal.

The event gave students an insight into the campus of ISRO, the facilities and advancements provided at ISRO and about the recent launches made.

The average participation count was 100 including both online and offline. The event was conducted at the seminar hall of School of Engineering, Central University of Karnataka. And on the Google Meet virtually.



Central University of Karnataka
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IEEE Student Branch CUK
presents

ISRO VIRTUAL VISIT

August 01, 2022 10 AM

Venue:
Seminar Hall 01, SOE, CUK

Register here:
bit.ly/ISROVIRTUALVISIT

Registration fees
IEEE Members : Free
Non-IEEE Members: ₹30

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Dept. of
ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
ಕಡಗಾಂವಿ, ಕಲ್ಬುರ್ಗಿ / Kadaganavalli, Kalaburagi-585 367
ಇಂಜಿನಿಯರಿಂಗ್ ವಿಭಾಗ
Electrical Engineering
Central University of Karnataka



School of Engineering

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Dept Electronics and Communication Engineering

ENGINEER'S DAY EVENT

The IEEE SB CUK celebrated Engineer's day on 15th of September, 2022 by hosting a talk event at the seminar hall of central university of karnataka, in association with the school of engineering.

The eminent speaker for the event was Mr I S Mahagaonkar, who is a consultant engineer at Central University of Karnataka.

The event started at 11:30 AM and laid focus on giving the attendees an insight into the life of an engineer and their importance.

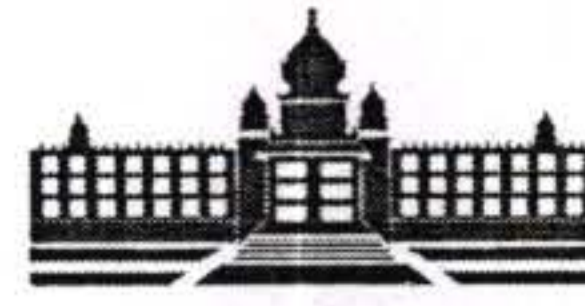

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Dept. of Electronics & Communication Engineering

कर्नाटक, केरल, कर्नाटक Central University of Karnataka

कडगंचो, कलबुर्गी / Kadaganchi, Kalaburagi-585 367



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STUDENT CONCLAVE: FLAGSHIP EVEN

The IEEE SB CUK hosted Student Conclave on
5th of November, 2022

with workshops and competitions based on the theme 'Getting Industry Ready'.

The event was held at the auditorium of Central University of Karnataka.

The 'Resume building workshop marked the start of the event. It took place at 10:30 AM. The honorary speaker for the workshop was Manjunath Basaralu Srinivasa. The workshop focused on getting students to have a basic understanding on how to build a perfect resume and be prepared for interviews. Following the workshop, we hosted a Workshop on Goal Setting with Ganesh Mandadi being the speaker. The event was held at 12:00 PM. The workshop was focusing on giving an insight to fix their goals and plan their career accordingly.

Then, we hosted a workshop on Stock market and trading. It was conducted at 3 PM in the afternoon. The eminent speaker for the workshop was Pradyumn Chavan. He spoke about Stock Market, its advantages and disadvantages.

A Mock Shark Tank competition was conducted at 4:15 PM which marked the end of the event. A lot of attendees participated in the competition and displayed their entrepreneurial skills. The maximum number of participants attending the event were 150. We provided participation kits after the event and also handed out participation certificates. Refreshments were also arranged for the speakers and participants. We received a lot of positive feedback from the participants that encouraged us to conduct more such events.

Central University of Karnataka
IEEE STUDENT BRANCH

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IEEE Student Branch CUK
presents

STUDENT CONCLAVE

Theme: Getting Industry Ready

Registration fees:
For IEEE Members: Free
For Non-IEEE Members: 50

5 November, 2022
10:30 am onwards

Register Here:
bit.ly/StudentConclaveCUK

Auditorium 2

Registration fees includes Participation Kit & Access to all sessions

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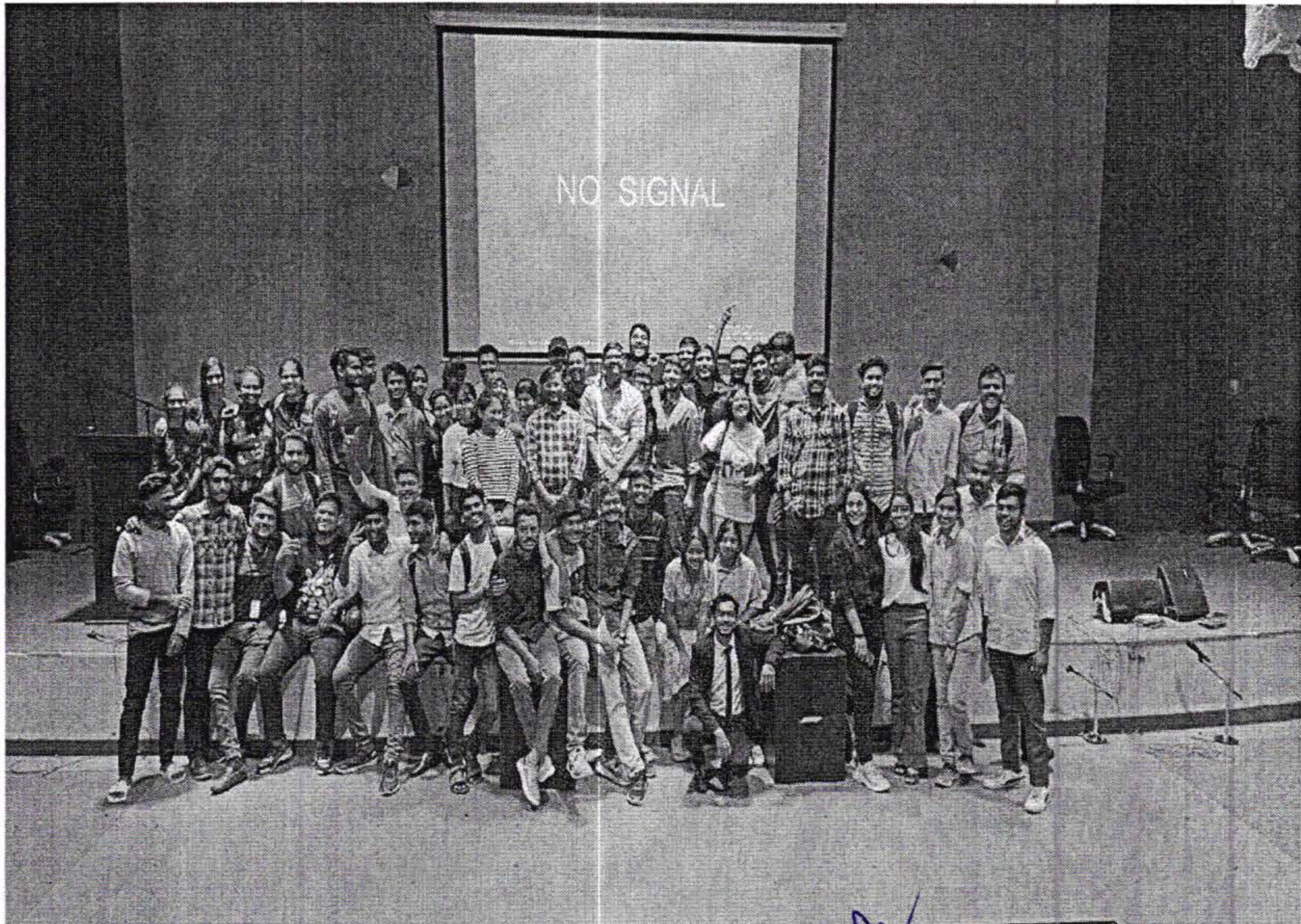
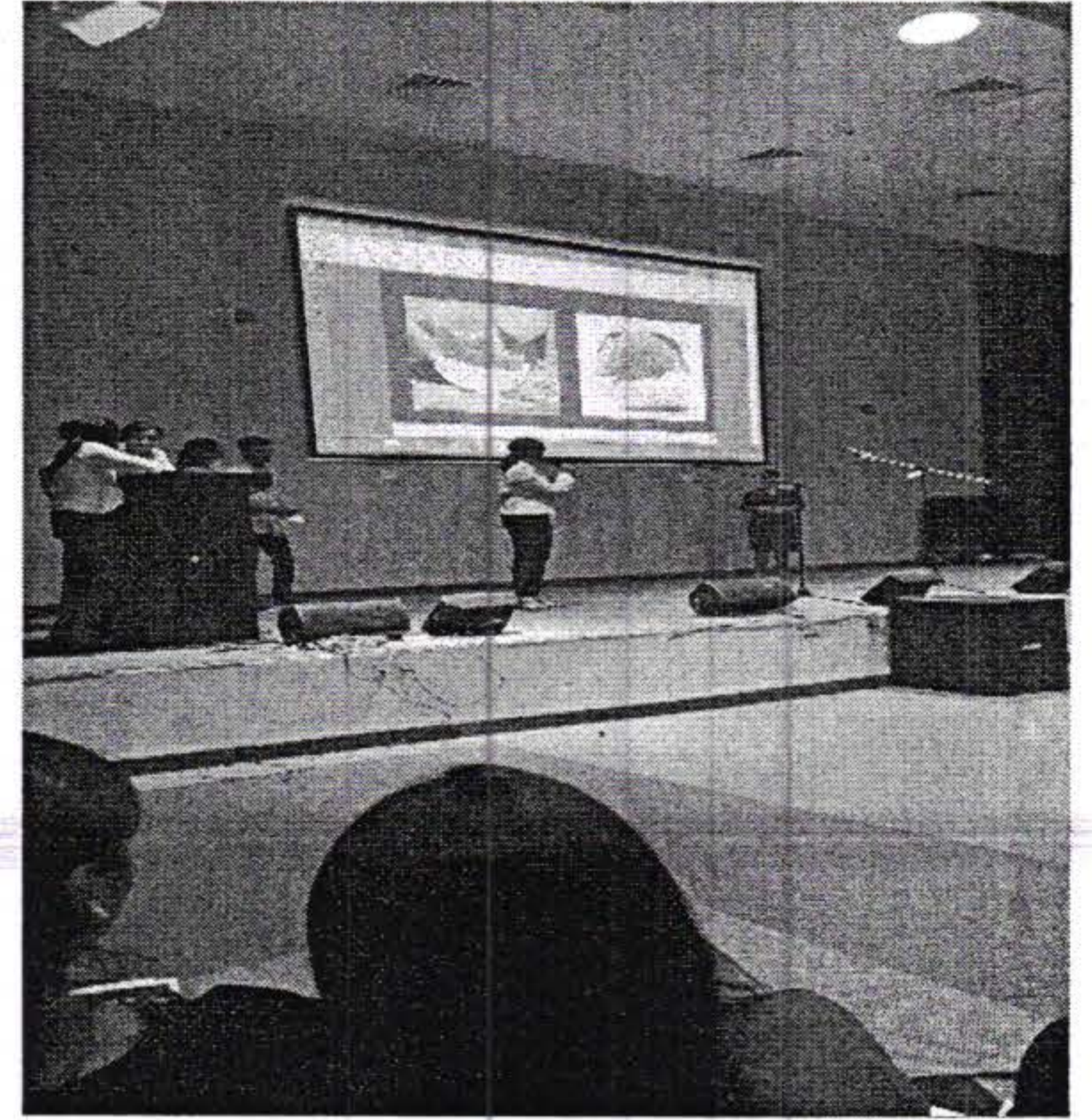
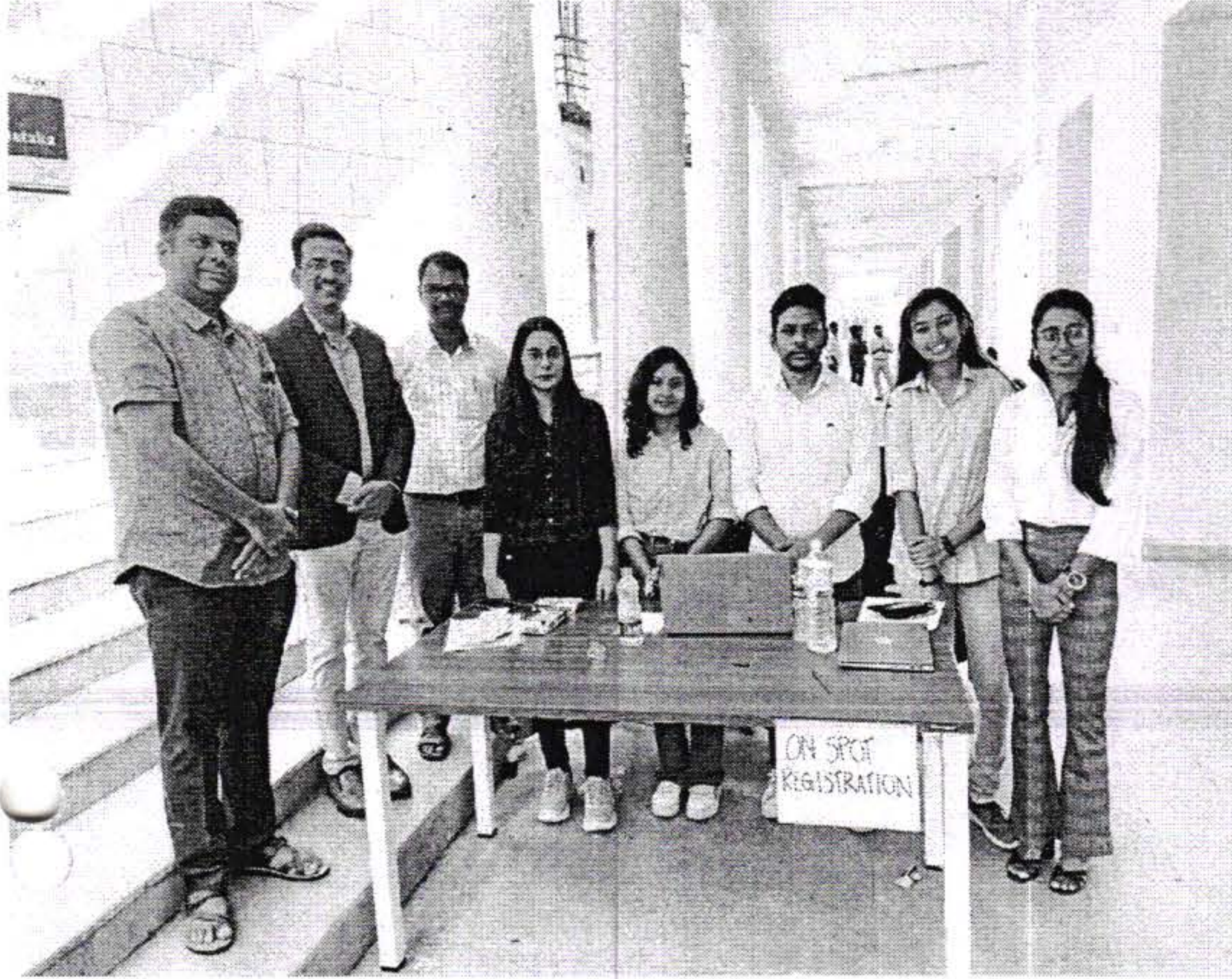
STUDENT CONCLAVE

Theme: Getting Industry Ready

- 1 Resume Building Workshop
10:30 AM
- 2 Goal Setting Workshop
12:00 PM
- 3 Stock Market & Trading
3:00 PM
- 4 Mock Shark Tank Competition
4:15 PM

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School of Engineering

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INTERACTION WITH SUBJECT EXPERT

On 21st June, 2023

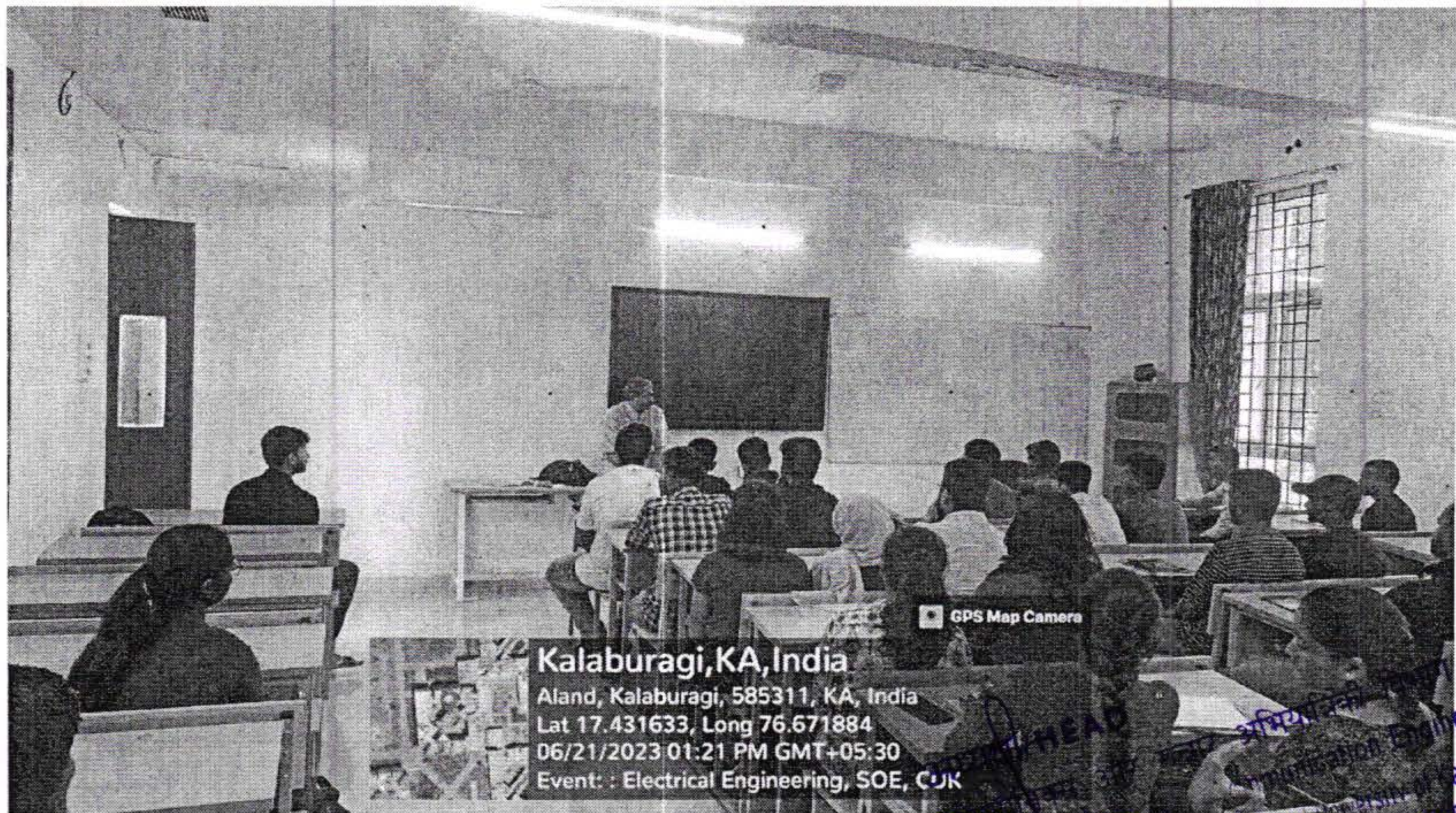
The School of Engineering and IEEE Student Branch at Central University of Karnataka hosted an insightful event titled "Interaction with Subject Expert" featuring Professor GVV Sharma, an Associate Professor from Hyderabad.

The event aimed to provide students with an opportunity to engage with a distinguished speaker and gain valuable insights into the subject matter.

The event took place at the Seminar hall of school of engineering CUK, starting at 1PM. It witnessed a remarkable turnout of 100 participants, including students, faculty members, and professionals from various disciplines within the university and beyond. The event was organized in collaboration with the School Of Engineering.

Professor GVV Sharma is a highly respected academician and expert in Electrical Engineering. During the event, Professor Sharma delivered a captivating presentation on scopes of electrical and electronics engineering. His talk encompassed various aspects of the subject, providing a comprehensive understanding to the attendees.

The audience actively participated in the interaction, posing thought-provoking questions to Professor Sharma. He responded with great enthusiasm, addressing each query and encouraging fruitful discussions among the participants. The interaction fostered an environment conducive to learning and knowledge exchange, leaving the attendees inspired and motivated



Kalaburagi, KA, India

Aland, Kalaburagi, 585311, KA, India

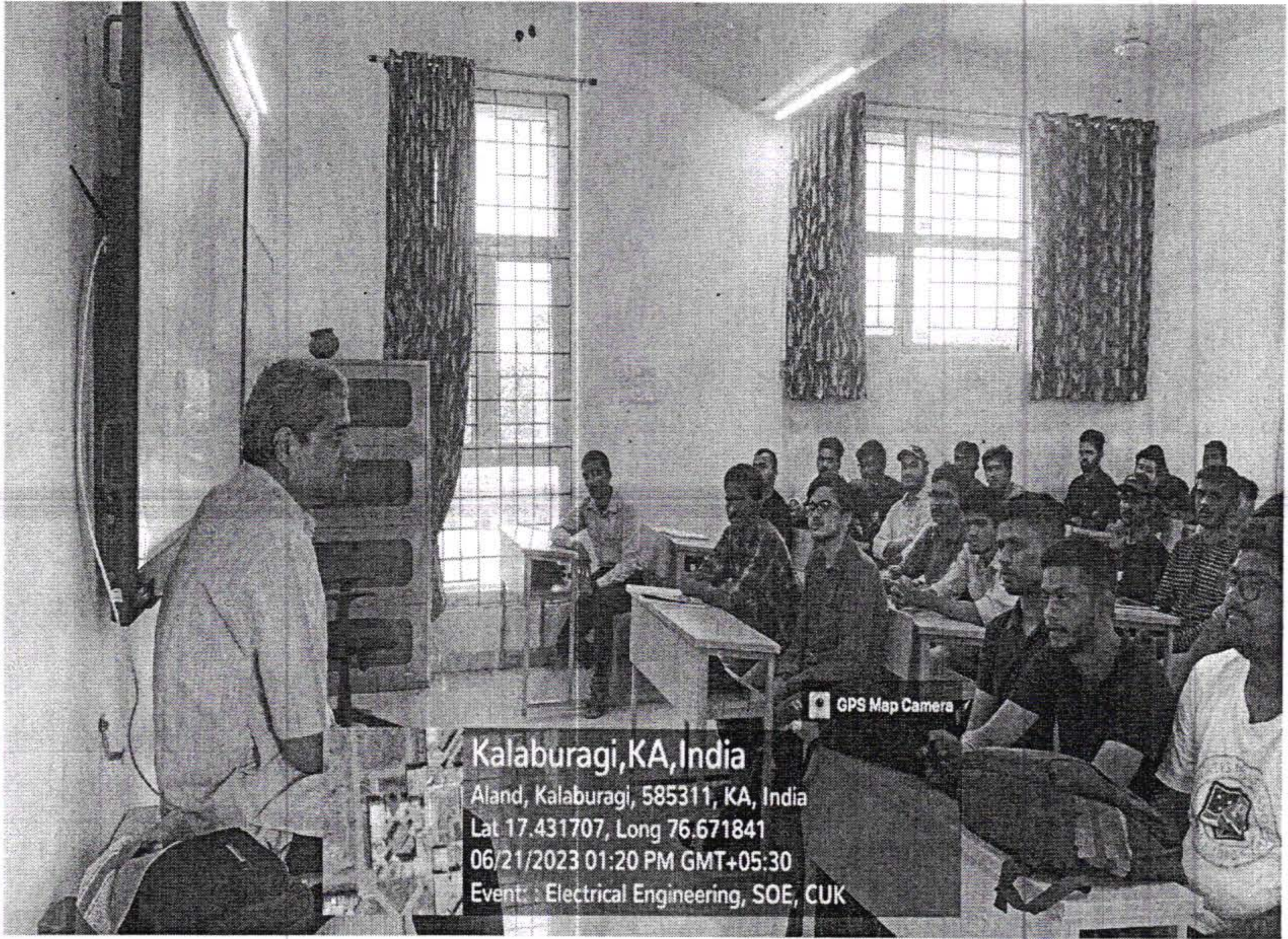
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Event: Electrical Engineering, SOE, CUK

GPS Map Camera

Dept. of Electronic Engineering
ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾಲಯ Central University of Karnataka
ಕಡಗಂಚಿ, ಕಲಬುರಗಿ / Kadaganchi, Kalaburagi-585 367



GPS Map Camera
Kalaburagi, KA, India
Aland, Kalaburagi, 585311, KA, India
Lat 17.431707, Long 76.671841
06/21/2023 01:20 PM GMT+05:30
Event: Electrical Engineering, SOE, CUK

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इलेक्ट्रॉनिक्स और संचार अभियांत्रिकी विभाग
Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
कडगंचे, कलबुरगी / Kadaganche, Kalaburagi-585 367



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

HER TECH TALK

The IEEE SB CUK hosted a live interaction session on the
9th of March, from 6:00 PM IST to 7:00 PM IST.2022

The speaker of the event was Hon. Sarika Hussain, a Quality Improvement Manager and Speaker, an ASQ Certified CSSBB, certified cx professional, and Leanin Network Leader for Here India.

On the day of the event, Master Ayush Kumar Mishra served as the host. It was hosted on the Google Meet platform, and there were 50 attendees, while Master Tushar Kumar Ram served as the moderator for the event.

The Event focused on providing career guidance and insights to the spectators concerning the speaker's field of work and experiences and covered a session on Ethical Applications of AI which includes

- 1)History of AI
- 2)Basic Concepts of AI
- 3)Applications of AI from Google, Facebook, Amazon etc. 4)Ethics in AI

Participants raised many questions and provided comments regarding the topic of discussion. The distinguished speaker also ensured that she patiently answered all the questions elaborately.

Central University of Karnataka
IEEE Student Branch

IEEE BANGALORE SECTION

IEEE

IEEE Student Branch CUK
presents

WIE
are the
FUTURE

HER TECH LIFE!
Talk on
Ethical Applications of AI

Sarika Hussain
LeanIn Network Leader,
HERE India

Date: 09 March 2022 Time: 6:00 PM Onwards Register here: bit.ly/WIE-WEEK-2022

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School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

IT'S FLOSS - GIT, GITHUB AND OPEN-SOURCE WORKSHOP

The IEEE SB CUK hosted a virtual IT'S FLOSS - Git, GitHub and OpenSource Workshop on the 19th of February 2022 at 4:30 PM IST

To enhance the knowledge of Git, GitHub and OpenSource. The workshop was hosted on the Microsoft-Team platform with 66 participants.

The event was moderated by Ayush Kumar Mishra and hosted by Mudit Kumar Singh. The eminent speaker of the event was Ankit Mahato, an Open Source Developer, an ex-associate at JPMorgan Chase and the Founder of Real World Python.

The workshop focused on the speaker's learning from the open-source community, the evolution of open source, how to start and prepare for the open-source journey, and a brief insight into GSOC and Git & GitHub.

Participants raised many questions and provided comments regarding the scope of open source and how it connects with the broader picture. The distinguished speaker also ensured that he patiently answered all the questions elaborately.

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IEEE Student Branch CUK
presents a Workshop on

IT'S FLOSS
GIT, GITHUB
AND OPEN-SOURCE

ANKIT MAHATO
Open Source Developer | Speaker - 4x
PyCon, 3x SciPy, PyData Global | JPMorgan

Saturday | Registration fees
19th Feb. 2022 | 4:30 PM | Free for IEEE members
For non-IEEE members: ₹20

Organizers:
Dr. Santosha Kumar A, Branch Counselor
Dr. Arunkumar Patil, Branch Advisor

Registration link: bit.ly/OpenSource_Workshop

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मंडल और मंत्रालय अभियांत्रिकी विभाग
Communication Engineering
Central University of Karnataka
Kuvempu University, Kalaburagi-585 201



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

OR - DO - YOU - KNOW - IOT & ARDUINO WORKSHOP

A three-day virtual Or-do-you-know- An Arduino and IoT Workshop
11th of February, 12th of February and 13th of February 2022.

The eminent speaker of the three-day event was Shrey Sharma, who is a Director at SmartDen Automations Pvt.Ltd, Entrepreneur Advisory Board at Amity University, Greater Noida.

On the first day of the event, Bhargav Sai Somisetti served as the host. It was hosted on the Google Meet platform, and there were 154 attendees. On the second day of the event, Mudit Kumar Singh was the host. It was hosted on the Microsoft Teams platform with 147 attendees.

And finally, the third day was hosted by Hridya P. It was also hosted on the same platform - Microsoft Teams with 120 attendees, while Chenthamil Moorthy served as the moderator for all three days.

The workshop laid focus on giving a brief introduction to the Internet of Things, Arduino and insight into microcontrollers and sensors.

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Or-Do-You-Know? An Internet of Things Workshop

Learn implementing an IoT project from Scratch

Shrey Sharma
Director at SmartDen Automations Pvt. Ltd.

Join online
TRAINING SESSION

FRIDAY - SUNDAY | FEB. 11 - FEB 13, 2022

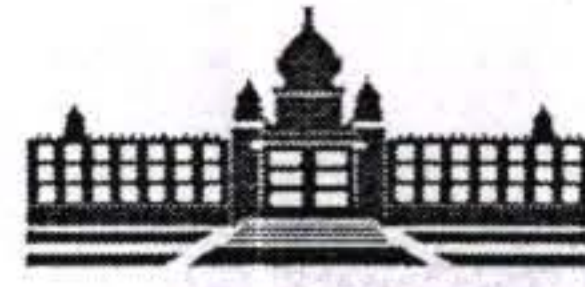
TRAINING CERTIFICATE FOR ALL THE ATTENDEES

Registration Fee
IEEE Members: Free
Non-IEEE Members: INR 60

Register Now:
bit.ly/lot-Workshop

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बंगलूरु, कर्नाटक / Bangalore, Karnataka-560075



School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

Role of Engineer's in Today's Society

Date: 15th September 2021

Venue: Google Meet, Online

Speaker: Shankar Sharma, Power and Climate policy analyst.

Guests:

- Prof. Battu Satyanarayana, Vice-Chancellor.
- Prof. Basavaraj P.Donur, Registrar.
- Dr. Veeresh G K, Dean of S.O.E.

No. of Participants: 60

Brief: On the auspicious occasion of Sir, M.Visvesvaraya's Birthday on 15th September, we celebrate Engineer's Day all over the nation. As it is a proud moment for every engineer to celebrate this day. School of Engineering has celebrated "Engineer's Day" in collaboration with IEEE SB CUK with a webinar on "Role of Engineer's in Today's Society". It has started with a formal speech on engineer's day and brief about Sir M.Visvesvaraya.

Session's Agenda:

- Lamp Lighting
- VC's Address
- Registrar's Address
- Dean of S.O.E Speech
- Shankar Sharma's session
- Q/A Session
- Presenting Virtual Plaque

Sir, Shankar Sharma covered a lot on Role of Engineer's in today's society like:

- ❖ Engineer's Role should be
- ❖ Sir MV's Role Model
- ❖ As Responsible Engineer's – We Should and We Should not.

All the engineer's, who are participated in the session, are having a satisfaction of knowing their roles that helps the society a lot. This Webinar got a huge appreciation from Whole S.O.E.

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School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

Date: 26th October 2021

Venue: Zoom Meet, Online

Speaker:

Udaya K. Madawala,

Department of Electrical & Computer Engineering – University of Auckland.

Guests:

- Dr.Veeresh G K – Dean of S.O.E
- Dr.Arun Kumar Patil – CUK SB PES Chapter Advisor
- Dr.Santhosha Kumar Sir – CUK SB Branch Counselor

No. of participants: 100

Brief: The electric drive revolution will become accepted and advance over time, just like computers and cell phones have over the last few decades. Grid Integration of Electric Vehicles became a major role in transportation, infrastructure, power grids, buildings, renewable energy sources and so on. This gathering with guest speaker sir, Udaya, made an outstanding experience to all the participants. Sir, Udaya covered a lot of concepts like

- ❖ Challenges of Battery and Impact on Grid
- ❖ Technologies on Wired and Wireless Charging
- ❖ A Typical Bi-directional WPT Systems.
- ❖ Optical Multiple variable control.
- ❖ Grid Interfaces for BD-WPT Systems.

And so on.

Most of the participants showed their keen interest in this gathering. This event granted huge appreciation from the faculty members and students.

Adaptive DC link Voltage Control with soft switching

akhila reddy

akhila reddy

Jagannath Ravada

Jagannath Ravada

pirangi raj

pirangi raj

Durga Prasad B

Durga Prasad B

Source : L. Wang & U. K. Madawala

Prepared by U. K. Madawala, IEEE DL Student, 2021

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कडगंची, कलबुर्गी / Kadaganchi, Kalaburagi-585 30

School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

WordPress Bootcamp

Date: 20 August '21 to 22 August '21

Venue: Google Meet, Online

Speakers:

□ Ramneek Kalra, Hey Ram

IEEE Impact Creator | Professional Development Coordinator at IEEE YP Delhi AG.

□ Heyram EEE

Founder & CEO at He5 Solutions | Student Volunteer at IEEE Madras YP.

No. of Participants: 90

Brief: Web development is the most trending and most common thing we should learn and need. Web development gives you the opportunity to express yourself creatively on the internet. This Bootcamp gave a great opportunity to all the competitors who are interested in Web development. WordPress Bootcamp comprises of 4 virtual sessions based on

1. Introduction to WordPress
- 2 Introduction to Mobirise
3. Advanced WordPress development
- 4 Web Hosting

And a website design Competition at the end of boot camp for which 21 teams registered

Large number of participants showed keen interest on such an interesting and insightful WordPress Boot Camp.

This event granted huge appraisal from teachers and students.

Winners of website design competition


- 1)Himanshu Agarakar 2) Reetesh V
- 3) Kshithi Indhumathi G

Central University of Karnataka
IEEE STUDENT BRANCH


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WORDPRESS BOOTCAMP
20 August '21 to 22 August '21

SPEAKERS



RAMNEEK KALRA
IEEE Impact Creator | Professional Development Coordinator at IEEE YP Delhi AG.



Heyram EEE
Founder & CEO at He5 Solutions | Student Volunteer at IEEE Madras YP.

Register here: bit.ly/Web-Dev-Camp

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WORDPRESS BOOTCAMP
20 August '21 to 22 August '21

DAY-1

Session-1
Introduction to WordPress
Time: 10:00 AM - 1:30 PM (IST)
18:00 AM - 19:00 PM (IST)

Session-2
Introduction to Mobirise
Time: 10:00 AM - 1:30 PM (IST)
18:00 AM - 19:00 PM (IST)

DAY-2

Session-1
Advanced WordPress Development
Time: 10:00 AM - 1:30 PM (IST)
18:00 AM - 19:00 PM (IST)

Session-2
Web Hosting
Time: 10:00 AM - 1:30 PM (IST)
18:00 AM - 19:00 PM (IST)

DAY-3

Competition
Website Design Competition

Theme:
E-Commerce Website

Central University of Karnataka
Kadaganchi, Kalaburagi-585 367



School of Engineering

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INCREASING THE VISIBILITY OF WOMEN IN ENGINEERING - PANEL DISCUSSION

- Date: **09 Jul 2021**
- Time: **11:00 AM to 12:30 PM**

The eminent Panelists were Hon. Anindya Saha Anindya Saha is Chief Technology Officer (CTO) at Saankhya Labs with approximately 25 Years of experience. He is an expert on Software Defined Radios and leading the design and development of the Baseband and RF subsystems for Saankhya's products in wireless communication, including Radio development for 5G. He has been instrumental in SDR Platform development and holds several fundamental patents and publications in this domain and Hon. K Sudha Deepthi. Ms. K. Sudha Deepthi has been actively working as Manager and Certified Trainer – Bosch Rexroth Innovation Lab in Dayananda Sagar University, Bangalore from October 29, 2015 to present. She has obtained her M.Tech in Aerospace Engineering from JNTU, Hyderabad (IARE, DUNDIGAL) and B. Tech., in Mechanical Engineering from JNTU, Ananthapur and currently pursuing her Phd in Dept. of Mechanical Engineering at Dayananda Sagar University. She has worked as Project Assistant in DRDL (Defense Research & Development Laboratory) in the area of Missiles, developed MATLAB coding for Air to Air missile optimizing its Trajectory. She has total work experience till date including Teaching with Administrative and Industrial is 8 years, 4 Months. Her Present experience in Dayananda Sagar University is 4 Years, 1 Month. She has also guided Projects from UG to PG Level in ANSYS, CATIA, and MATLAB. She also Started a Initiative of starting a "AeroClub" under which many workshops and Hands on Workshops on Flying Drones/UAV s/MAV s were conducted in Mallareddy College of Engineering & Technology, also Conducted workshop on "AVIONICS SYSTEMS" in Mallareddy College Of Engineering & Technology and was the main faculty coordinator.

The third panelist was Dr. Kumudhini Ravindra who is the Principal Partner – Strategic Innovation, Standards & Sustainability at Innomantra Consulting, Chief Mentor at Blue Lotus Inc, and a startup mentor. She is a Business Transformation Leader with over two decades of multidisciplinary experience. Her expertise is in the areas of clean technologies, innovation, design, and systems thinking. A recognized thought leader, Dr. Kumudhini has worked and contributed to various clean tech projects across the globe. Her work on designing and implementing community microgrids was pioneering research on Microgrids in India. She has a strong quantitative & system modeling background along with Innovation Product Lifecycle Management (iPLM) experience.

On the day of the event, Kumari Hridya served as the host. It was hosted on the Google Meet platform, and there were 80 attendees, meanwhile Kumari Kruteeka served as the moderator for the event.

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CONFABULATION: A FIRESIDE CHAT

The event was organized on **26th February 2022**.

It was an online fireside chat session with three panelists, Mr. Senthil Kumar M, Mr. Dineshwara Manideepu, and Mr. Rahul Anand.

The subject of this online talk revolved around MBA and Entrepreneurship after bachelors. Students got clarified on some myths about the careers in MBA and got a clear picture of what does it take to enter Entrepreneurship.

The session began at 5 PM and we had a brief introduction for all the panelists and their careers so far. An array of frequently asked doubts was already prepared by some Execom members.

Panelists:

1.Senthil Kumar M - Co-Founder, JioVio Healthcare | Speaker | Kairos Fellow | Mentor LinkedIn Profile - <https://www.linkedin.com/in/senthilkumar-murugesan/>

2.Dineshwara Manideepu - Management Consultant @ PwC | Intrapreneur | Electric Mobility | Clean Energy | Digital Transformation | MBA @ MDI Gurgaon and ESCP Business School LinkedIn Profile - <https://www.linkedin.com/in/manideepu/>

3.Rahul Anand - Cofounder, Bfactory || Cofounder, InSharp || IIM A batch of 09-11

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CONFABULATION

Explore the path towards MBA and Entrepreneurship

Dineshwara Manideepu
Management Consultant @ PwC |
Intrapreneur | MDI Gurgaon

Senthil Kumar M
Co-founder, JioVio Healthcare |
Entrepreneur

Rahul Anand
Co-founder, Bfactory | Co-founder,
InSharp | IIM A Batch of 09-11

Online Session

26 February 2022 | 5:00 PM onwards
Open for all | Register here: https://bit.ly/Confabulation_cuk

Co-ordinators: Dr. Santosh Kumar A, Branch Counselor | Dr. Anurag Kumar Patil, Branch Advisor

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DEVELOPING SUCCESSFUL MINDSETS IN YOUNG ENGINEERS

The IEEE SB CUK hosted a virtual talk event Developing Successful Mindset in Young Engineers on 5th of March 2022 at 10:00 AM IST to explain what being an engineer is .

The session was hosted on the Google-Meet platform with 80 participants.

The event was moderated by Kruteeka Samal and hosted by Ayush Kumar Mishra.

The eminent speaker of the event was Leo Szeto, who is a Senior Scientific Control Systems Engineer at Nusano.

The session laid focus on giving an insight to the life of an engineer. It also briefed some points, that are important, on how to

be focused and target-oriented. Participants raised many questions and provided comments. The distinguished speaker also ensured that he patiently answered all the questions elaborately. The participants filled out the feedback form and expressed their views on how helpful the session was to them.

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DEVELOPING SUCCESSFUL MINDSET IN YOUNG ENGINEERS

05 March 2022

10 AM - 12 PM

Mr. Leo Szeto
Senior Scientific Control Systems
Engineer, Nusano

Register here:
bit.ly/YoungEngineersTalk

Organizers:
Dr. Santhosha kumar A, Branch Counselor
Dr ArunKumar Patil, Branch Advisor

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AMIDST ALL THE SHARKS

The IEEE SB CUK hosted a live interaction session
on the 7th of March, from 4:30 PM IST to 5:30 PM IST.

The eminent speaker of the event was Rakhi Pal, who is a Co-founder of the Event-Beeps and a Shark Tank India contestant. On the day of the event, Hridya P served as the host. It was hosted on the Google Meet platform, and there were 65 attendees, while Tushar Kumar Ram served as the moderator for the event. speaker shared her experiences as an The session focused on giving a brief introduction to the start-up culture and the executive lead.

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TALK ON:
"AMIDST THE SHARKS"

Rakhi Pal
Co-founder, Event beep

Date:
07 March 2022

Time:
4:30 PM to
5:30 PM

Register here:
https://bit.ly/Admist_All_The_Sharks

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Participants raised many questions and provided comments regarding the scope of start-up and how it connects with the broader picture. The distinguished speaker also ensured that she patiently answered all the questions elaborately. The session ended with a vote of thanks by the branch counsellor Dr. A Santosha Kumar.

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FLASH ON THE SHUTTER

Flash on the shutter was a candid photography competition hosted by the IEEE SB CUK on the occasion of International Women's Day 2022.

The contest was themed on - Women In Profession. The forms for the contest were released on 6th of March 2022, and it was active from 7th of March to 11th of March. 20 participants took part in the competition.

The result was announced on the 21st of March 2022

The poster features the following text and graphics:

- Logos for Central University of Karnataka, IEEE Student Branch, IEEE Bangalore Section, and IEEE.
- Text: "WIE are the FUTURE"
- Section Header: "FLASH ON THE SHUTTER"
- Sub-Header: "Candid Photography Competition"
- Theme box: "Theme: Women In Profession"
- Illustration of a woman taking a photo with a camera on a tripod.
- Deadline: "Deadline 11 March 2022"
- Find details here: <https://forms.gle/roo9HPBL7WGTDbqM9>
- Social media links: Facebook (/ieee_cuk), Email (/ieeesb@cuk.ac.in), Instagram (/ieee_cuk), LinkedIn (/ieee_cuk), and Website (/site.ieee.org/sb-cuk).

The participants were handed out participation certificates while the winners received amazing rewards along with the participation certificates. Date and Time Start time: 07 Mar 2022 04:30 PM

End time: 11 Mar 2022 04:30 PM All times are (UTC+05:30) Chennai Add Event to Calendar iCal

Google Calendar Location

bit.ly/Flash_on_the_shutter Hosts

Central University of Karnataka, WIE Central University of Karnataka Central University of Karnataka, PE31

Central University Of Karnataka SB SIGHT Central University of Karnataka, COM19

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CYBERWARE

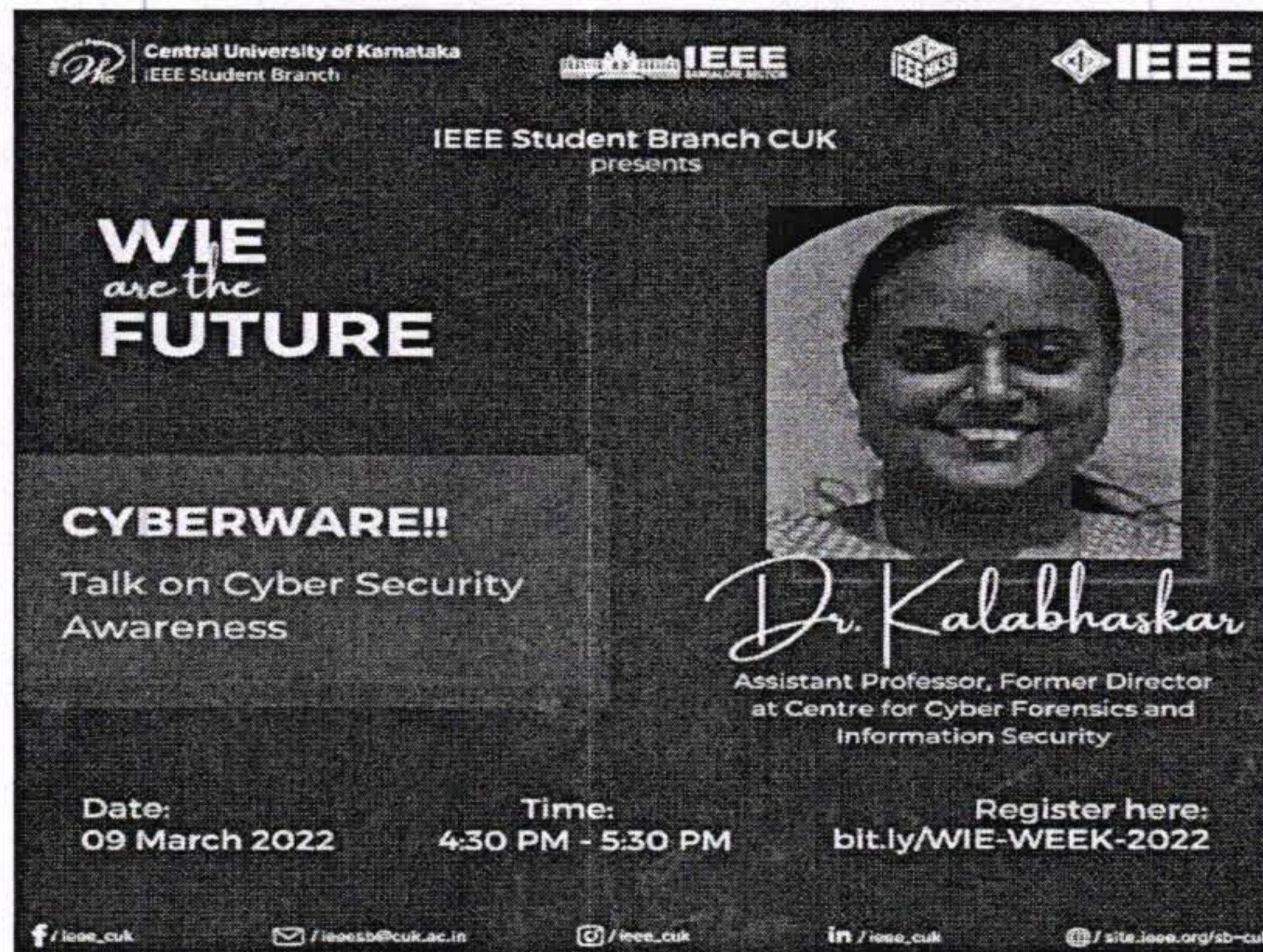
The IEEE SB CUK hosted a live interaction session on CYBERWARE: Talk on Cyber security awareness

the 9th of March, from 4:30 PM IST to 5:30 PM IST.

The eminent speaker of the event was Dr Kala Bhaskar, who is an Assistant Professor, a Former Director at the Centre for Cyber Forensics and Information Security. On the day of the event, Hridya P served as the host. It was hosted on the Google Meet platform, and there were 80 attendees, while Kavya Kamal served as the moderator for the event. The session focused on giving a brief introduction to cyber-security, the threats due to lack of cyber-security and the speaker shared a lot of tips to be secure from cyber crimes.

Participants raised many questions and provided comments regarding the scope of cyber-security and how it connects with the broader picture. The distinguished speaker also ensured that she patiently answered all the questions elaborately.

The session ended with a vote of thanks by the branch counsellor Dr. A Santosha Kumar. The participants filled out the feedback form and expressed their views on how helpful the session was to them, after which we handed out the E-certificates to them.



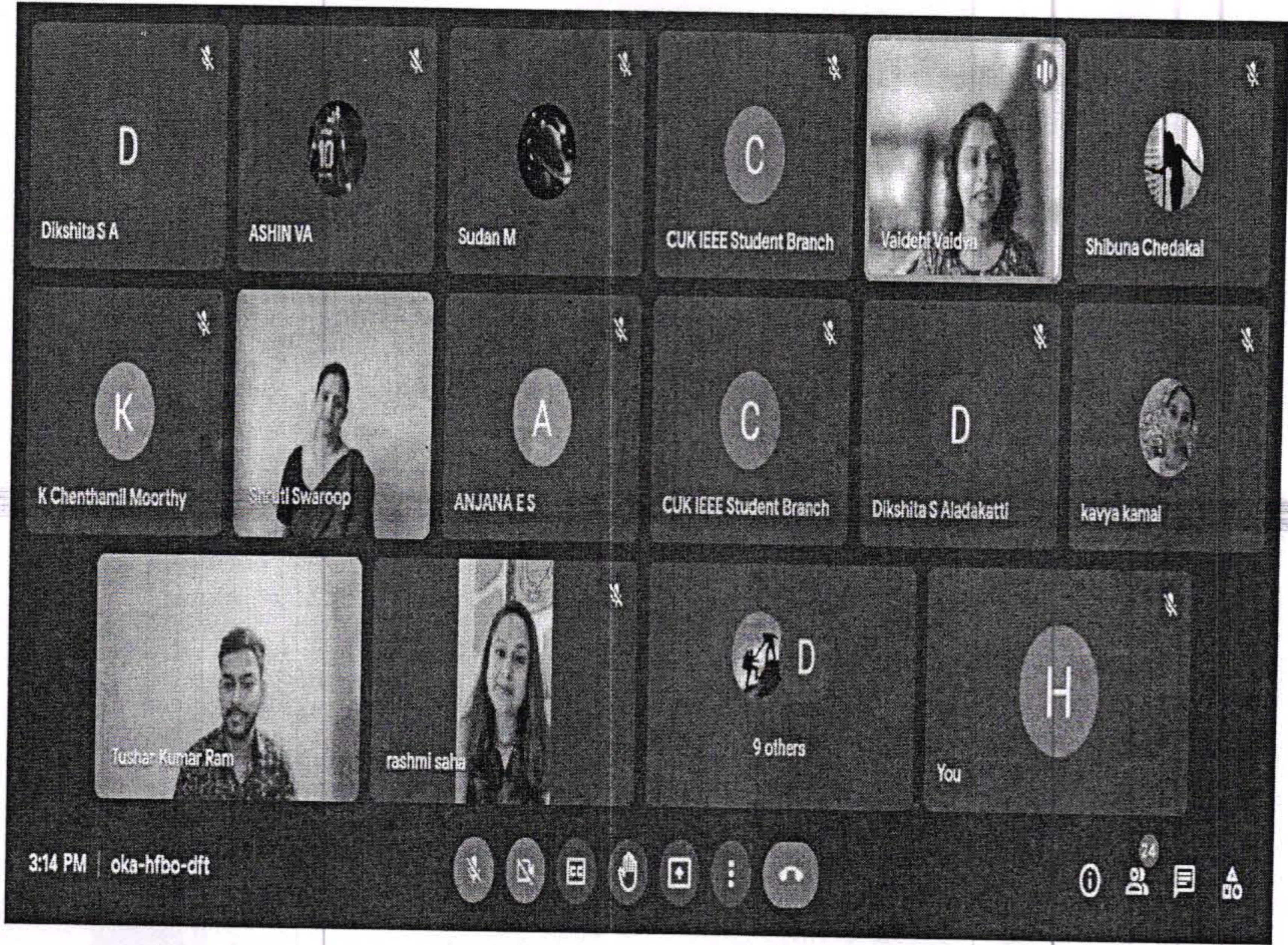
The IEEE SB CUK is looking forward to organizing more such interactive sessions in the future and helping students enhance their skills. Date and Time Date: 09 Mar 2022

Time: 04:30 PM to 05:30 PM

Google Calendar Location bit.ly/WIE_WEEK_2022 Hosts

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The IEEE SB CUK is looking forward to organizing more such interactive sessions in the future and helping students enhance

their skills and thoughts. Date and Time Date: 10 Mar 2022

Time: 03:00 PM to 04:30 PM

All times are (UTC+05:30) Chennai Add Event to Calendar iCal

Google Calendar Location

[bit.ly:/WIE-WEEK-2022](https://bit.ly/WIE-WEEK-2022)

Hosts

Central University of Karnataka Central University of Karnataka,PE31 Central University of Karnataka,WIE

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अध्यक्ष / HEAD

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Dept. of Electronic & Communication Engineering
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ONLINE ORIENTATION ON INTRODUCTION TO MI POWER

Date and Time

Date: 21 Apr 2022

Time: 02:00 PM to 05:00 PM

MiPower is a highly interactive, user-friendly windows-based Power System Analysis package. It includes a set of modules for performing a wide range of power system design and analysis study. MiPower features include a top-notch Windows GUI with centralized database. Steady state, transient and electro-magnetic transient analysis can be performed with utmost accuracy and tolerance. Designed to assess the risk of Voltage instability and margin of stability during sudden disturbances, under steady state conditions. This orientation session is followed by a hands-on session on the next day which gave the practice and knowledge about mi power software in a more effective way and helped in learning fault studies in power system in academics for B. Tech students of 2019 batch. Large number of members shown keen interest in such an interesting and insightful orientation session.



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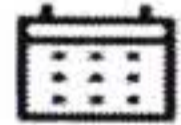
Central University of Karnataka | Department of Electrical Engineering
IEEE PES Student Branch CUK
Presents

Online Orientation on

INTRODUCTION TO MI POWER

By Ms. Padmaja B.S.

Manager at Power Research & Development | Consultants
(PRDC) Pvt. Ltd. Software Engineering Group.



21/04/22



2:00PM / 5:00PM

Patron

Dr. Veeresh G K, Dean, School of Engineering

Venue:

D-8 Block, Ground Floor, School of Engineering

Join through Google Meet also

Meeting Link:

<https://meet.google.com/qow-afaq-jox>

Organisers:

Dr. Arun Kumar Patil, Branch Advisor

Dr. Santosha Kumar A, Branch Counsellor



/ieee_cuk



/ ieee@sb@cu.k.ac.in



/ ieee_cuk



/ ieee_cuk



/ site.ieee.org/ieee_cuk

<https://meet.google.com/qow-afaq-jox> Hosts Central University of Karnataka, PE31 Central University of Karnataka

Central University of Karnataka, WIE Central University Of Karnataka SB SIGHT Central University of Karnataka, COM19

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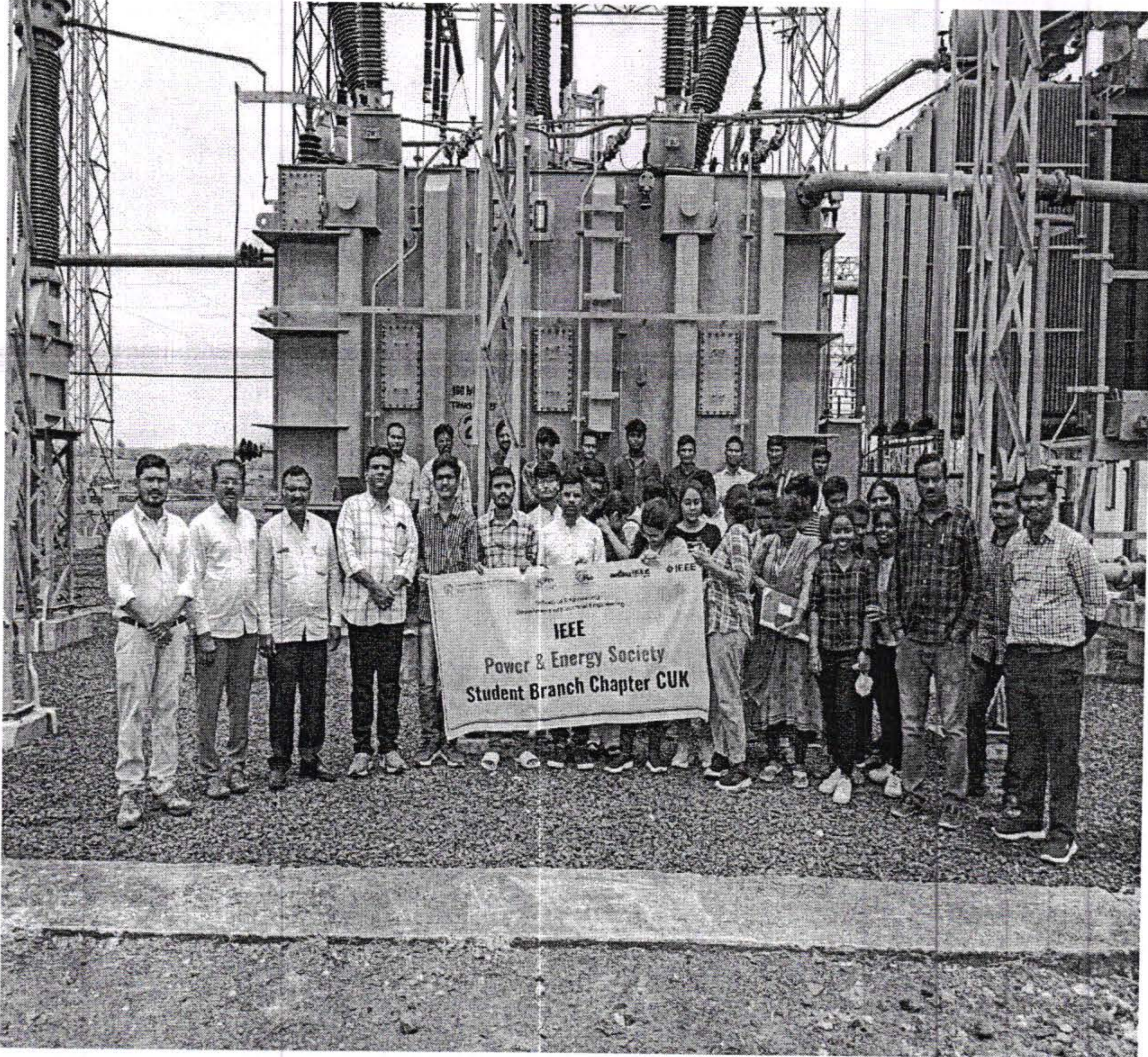
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Dept Electronics and Communication Engineering

AUTOCAD WORKSHOP

By: Santosh D

- 09 Oct 2021
- 10 Oct 2021
- 05:00 -07:00 PM

CAD is one of the most important tools in engineering that we should learn and need.. This Workshop gave a great opportunity to all the participants who are interested in CAD. AutoCAD Workshop comprises 2 virtual sessions based on Introduction to Designing of Electrical Equipment and Introduction to AUTOCAD. Design of transformers and drawing in AUTOCAD and Design of DC machine and drawing in AUTOCAD Good number of participants showed keen interest on such an interesting and insightful AutoCAD Workshop. This event granted huge appraisal from teachers and students.

Central University of Karnataka
IEEE PES STUDENT BRANCH CHAPTER

IEEE PES SBC CUK
presents

AUTOCAD WORKSHOP

09 October '21 - 10 October '21

Time: 5PM to 7PM

Registration fees:
Free for IEEE Members
For Non-IEEE Members: ₹50

Register Now!
bit.ly/WorkshopCAD

SPEAKER
Santhosh Diggikar
Assistant Professor, CUK

IEEE DAY

IEEE

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Reports 2020-2021

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Webinar on Power electronics application in solar power systems

Date: 11 September 2020

Different power converter and their applications in solar power systems

Central University of Karnataka
IEEE Student Branch

IEEE SB
Central University of Karnataka
presents

Talk on
"Power electronics application in solar power system"

Friday
September 11, 2020
3 PM

Dr. Satish Naik B
Assistant Professor,
IIT Dharwad
PhD., IISc

LIMITED TO IEEE
MEMBERS ONLY

Register yourself here:
<https://fb.gy/cecyxa>

Satish Naik is presenting

Photovoltaic System Interface with Three phase grid

The diagram shows a PV module connected to an MPPT (Maximum Power Point Tracking) block. The output of the MPPT is connected to a three-phase inverter bridge consisting of six IGBTs (S1, S2, S3, S4, S5, S6) and a 3-phase transformer. The transformer is connected to a three-phase grid. The inverter is controlled by a P W M (Pulse Width Modulation) block, which is fed by three separate Controller blocks. A Gate Drive block is also shown, which provides the necessary gate signals to the IGBTs.

Webinar on "Power electronics ap... X

People (25) Chat

- Apeksha Madhukar Asst. Prof. Electr.
- 2BA17EE008 Anshika
- 2BA17EE011Aasthithi Patil
- 2BA17EE013 Divya Muttagi
- 2BA17EE014 Gurubal Geelaghevar
- 2BA17EE022 Poojima Sheel
- 2BA17EE052 Soumya Revathi

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Dept Electronics and Communication Engineering

Webinar on: Technological Challenges of the International mega-science projects And opportunities for India

Date: 17 September 2020



Central University of Karnataka
IEEE Student Branch



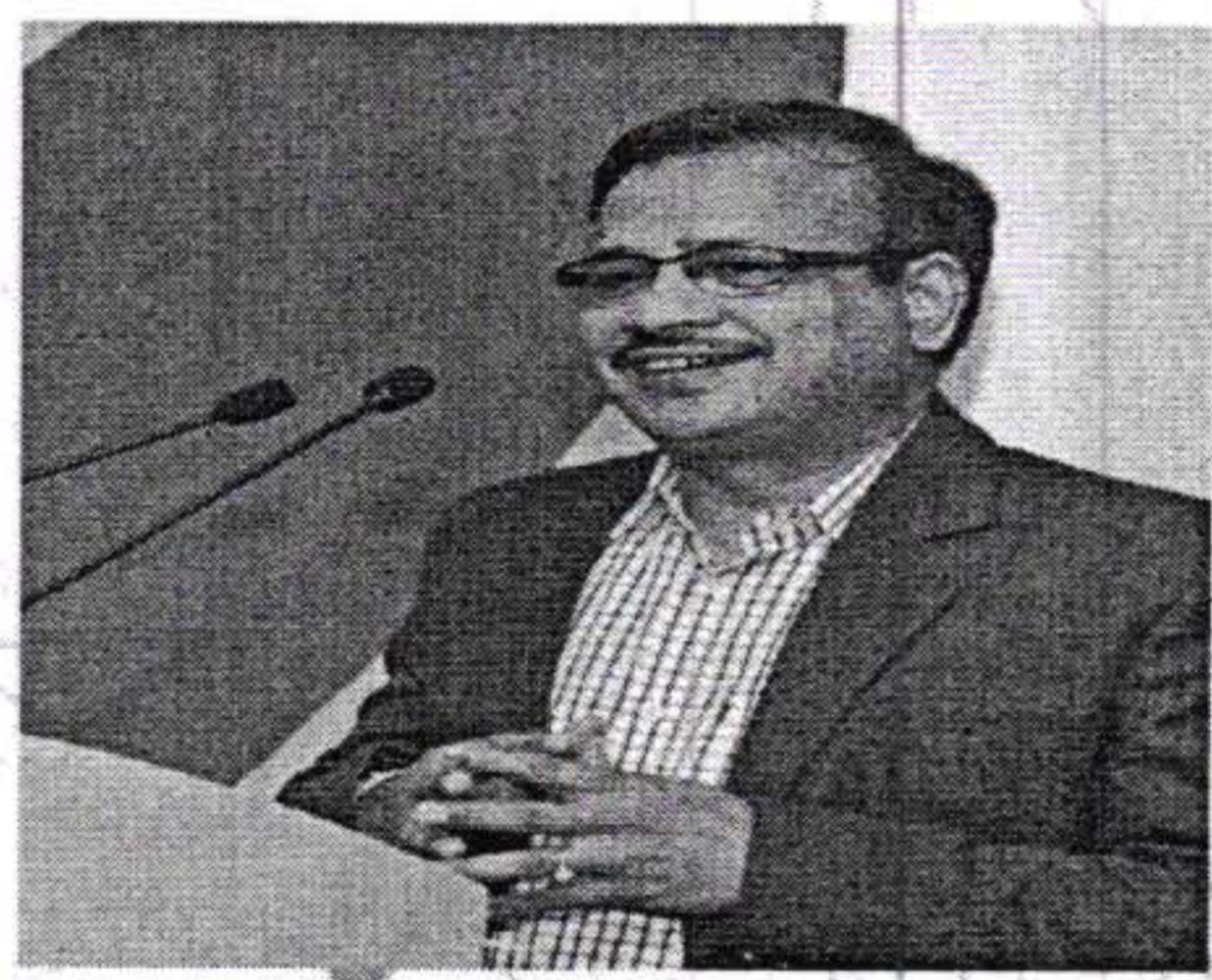
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IEEE SB CUK PRESENTS

WEBINAR
ON
**TECHNOLOGICAL CHALLENGES OF THE
INTERNATIONAL MEGA SCIENCE PROJECTS
AND OPPORTUNITIES FOR INDIA**

by
Dr. B. Satyanarayana

**PhD. in Physics, IIT Bombay
Scientific Officer(H),
Department of High Energy
Physics,
Tata Institute of Fundamental
Research**




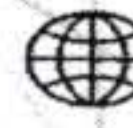
Register yourself here:
<https://rb.gy/zmvnbi>


Mark the calendar:

17th September
 @3PM

FOR IEEE MEMBERS ONLY

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 site.ieee.org/sb-cuk

 ieeesb@cuk.ac.in

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Technological challenges of the international mega science projects and opportunities for India

Dr. B. Satyanarayana
Scientific Officer (I) - Department of High Energy Physics,
Tata Institute of Fundamental Research - Mumbai

Career opportunities in TIFR/INO

- ❖ **Visiting Students' Research Programme (VSRP)**
 - **Physics/Chemistry:** Pre-final year students of M.Sc./B.E./B.Tech.
 - **Biology:** Pre-final year students of M.Sc./B.E./B.Tech. Students doing M.Pharm., Medicine/Engineering will be also be considered.
 - **Mathematics:** Pre-final and final year students of M.A./M.Sc./M.Stat./B.Tech. Exceptionally bright pre-final and final year students of B.Sc./B.Stat./B.Math. will also be considered.
 - **Computer & Systems Sciences:** Pre-final year students of B.E./B.Tech./M.Sc./M.C.A./M.E./M.Tech.
- ❖ **Research opportunities for exceptionally talented and strongly motivated students**
 - TIFR is India's premier institution for advanced research in fundamental sciences. The Institute runs a graduate programme leading to the award of Ph.D. degree, as well as M.Sc. and Integrated Ph.D. in certain subjects.
 - The Graduate Programme at TIFR is classified into the following Subjects - Mathematics, Physics, Chemistry, Biology, Computer & Systems Sciences and Science Education.
- ❖ **Career opportunities for bright engineers in Electronics, Instrumentation, Computer Science, Information technology, Civil, Mechanical and Electrical engineers.**

Dr. B. Satyanarayana, TIFR, Mumbai | IEEE Student Branch, Central University of Karnataka, Kalaburagi | September 17, 2020

CERN Education Activities

- ❖ **Scientists @CERN: Academic Training Programmes**
- ❖ **Asia-Europe-Pacific School of High Energy Physics**
- ❖ **Latin American School of High Energy Physics**
- ❖ **Young Researchers**
 - CERN School of High Energy Physics
 - CERN Accelerator School
 - CERN School of Physics
 - CERN School of Computing
- ❖ **CERN Teacher Schools: International and National Programmes**
- ❖ **Undergraduates: Summer Students Programme**
- ❖ **Public visitors: 135,000 per year**

Dr. B. Satyanarayana, TIFR, Mumbai | IEEE Student Branch, Central University of Karnataka, Kalaburagi | September 17, 2020

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Dept Electronics and Communication Engineering

Debug it (Code Debugging competition)

Date: 30 October 2020, 03:00 PM to 08:00 PM

This event was taken up in collaboration with HackerRank wherein a number of problem statements were provided along with codes with error in them. Participants were required to find bugs in these codes and correct them

IEEE Central University of Karnataka IEEE STUDENT BRANCH

IEEE

We don't challenge your coding skills rather your debugging skills!

{cout ("Event date: 31st October");
cout ("Event time: 17:00-19:30");
}

DEBUG IT

Code Debugging

Win Exciting Cash Prizes

Register yourself at:
<https://rb.gy/gtuyvc>

//Register before October 30

//E-Certificates would be given to all the participants

@ieee_cuk

ieeesb@cuk.ac.in

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Conundrum (Circuit Debugging competition)

Date: 31 October 2020, 03:00 PM to 08:00 PM

This contest was conducted in three rounds consisting of MCQ, visual round and finding errors in circuit respectively.

IEEE | Central University of Karnataka
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THE CASH PRIZE AWAITS YOU!

Event date:
31st October | 05:00 PM

CONUNDRUM

CIRCUIT DEBUGGING
COMPETITION

Event Roadmap:
Round 1: MCO Based
Round 2: Visual Round
Round 3: Circuit Debugging

Registres yourself here:
<https://rb.gy/gtuyvc>

E-Participation certificates would be provided

ieeesb@cuk.ac.in | ieee_cuk | site.ieee.org/sb-cuk

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ML FOUNDATIONS-CAPSTONE PROJECT SESSION-I

BY: Dr.Phani Krishna Karri of National Institute of Technology,Andhrapradesh

Dr.Sri Phani Krishna Karri is working as an Assistant professor in department of electrical engineering at National Institute of Technology, Andhrapradesh

- Date: **28 Dec 2020**
- Time: **03:30 PM to 05:30 PM**

The session has started with some introductory points related to machine learning. After this, the speaker has explained the modeling of logic gate and half adder using neural networks from scratch.

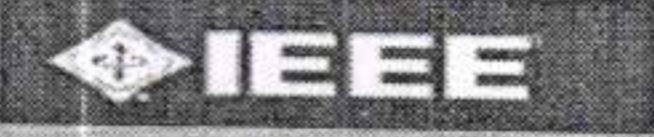
The main aim of the session is to make the participants engage in concepts and make them learn to apply them in the given problem statement which was discussed above. The session has concluded with an interaction between the speaker and participants.

The poster features a dark background with a circuit board pattern. At the top left is the IEEE logo, and at the top right is the Central University of Karnataka logo. The text reads: 'IEEE SB CENTRAL UNIVERSITY OF KARNATAKA in collaboration with NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH brings to you Machine Learning Foundation Capstone Projects Sessions'. Below this, it provides the date 'Dec. 28, 2020 - Jan. 4, 2020', the time '3:30 PM - 5:00 PM', and the Google Meet link 'https://meet.google.com/cal-qbie-jqf'. At the bottom, it lists the email '/ieeesb@cuk.ac.in', social media handles for Facebook and Instagram as '/ieee_cuk', and the website '/site.ieee.org/sb-cuk'.

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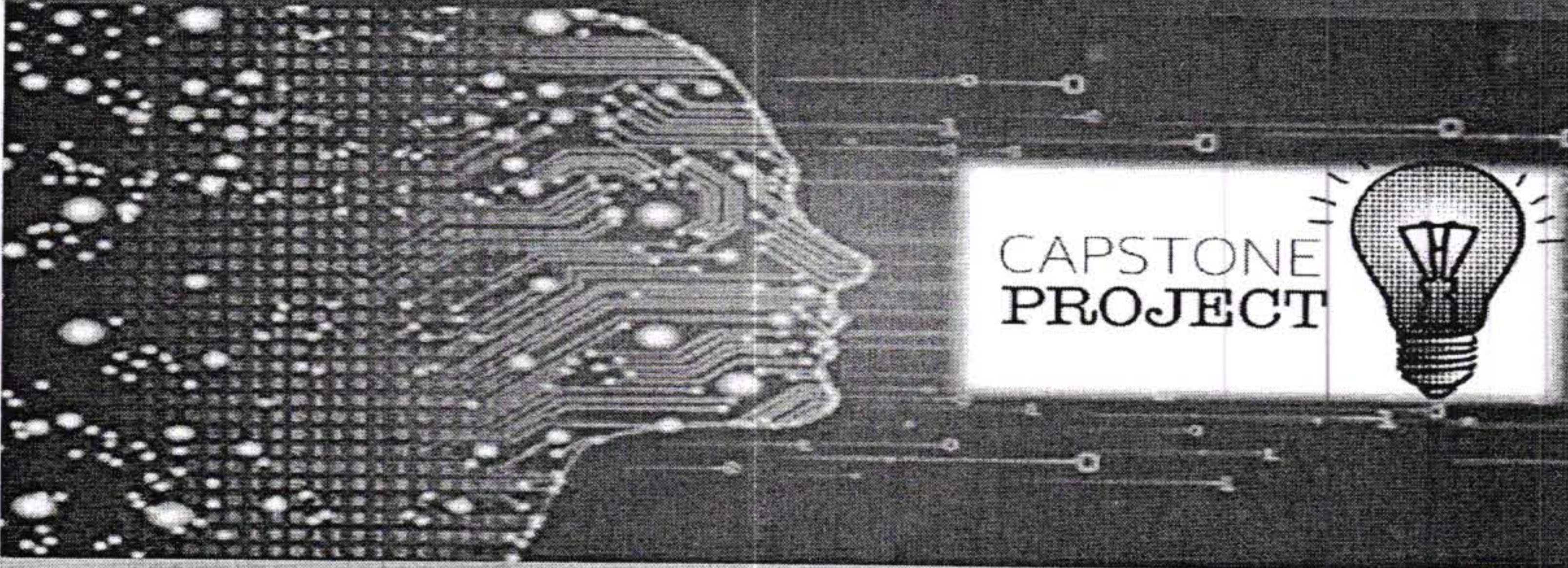


NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH IEEE STUDENT BRANCH (STB11564)
in collaboration with
CENTRAL UNIVERSITY OF KARNATAKA IEEE STUDENT BRANCH (STB14017)


MACHINE LEARNING FOUNDATIONS


Capstone Project Session-1


Topic: Modelling Logic gate and half adder using Neural Networks
Speaker: Dr. Sri Phani Krishna Karri, Dept. of Electrical Engineering, NIT Andhrapradesh




CAPSTONE PROJECT

 **28-12-2020, Monday**

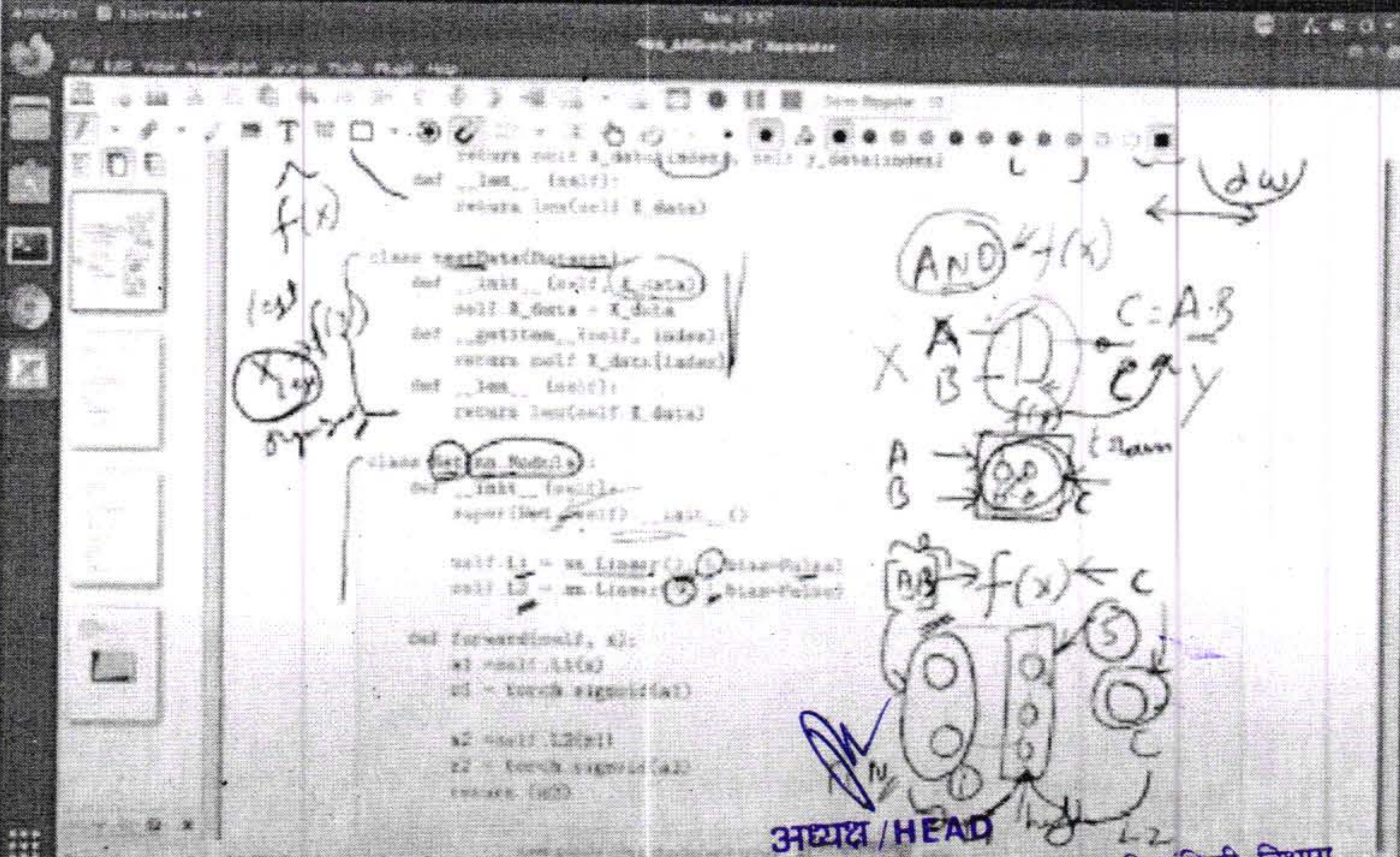
 **3:30pm-5:00pm**

 <https://meet.google.com/cai-qbie-iaf>

 **Contact details:**
Manohar(9494236428)
Varun(9502003489)

Stay tuned!

Capstone Project Session 1 (2020-12-28 at 02:05 GMT-8)



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ML Foundations – Capstone Project Session 2

Date: 12th February, 2021




Venue: Google Meet, Online

Speaker:

Dr. Phani Krishna Karri, National Institute of Technology, Andhra Pradesh

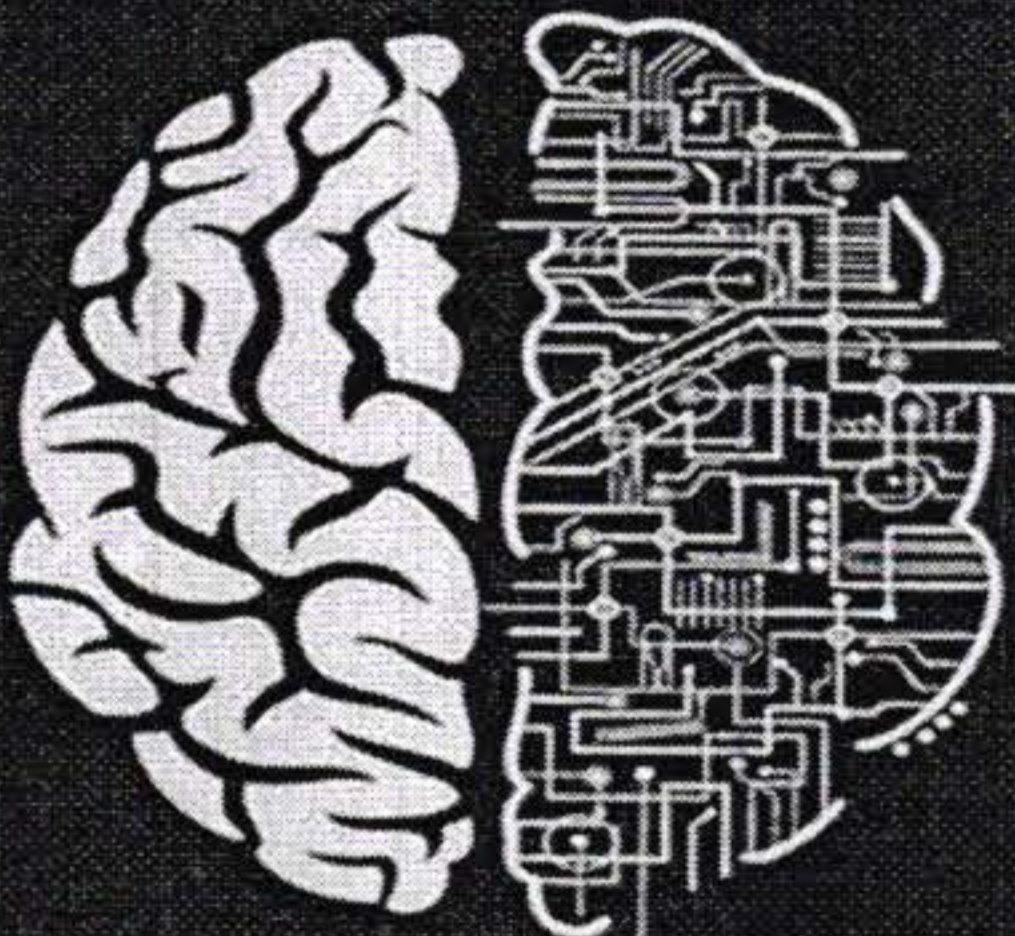
No. of Participants: 19

Brief: The 2nd Session based on ML project with a topic "Estimating the range of Electrical Vehicles based on remaining battery".



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IEEE SB CENTRAL UNIVERSITY OF KARNATAKA
in collaboration with
NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH
brings to you



Machine Learning Foundation Capstone Projects Sessions

Topic:
Estimating the range of an Electrical Vehicle based on
the remaining battery.

12-02-2021 **3pm-5pm** **Google Meets**
Meet link : <http://meet.google.com/xim-sajm-rjf>

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The screenshot shows a Zoom meeting interface. The main window displays a presentation slide titled "Neural Networks: perceptron". The slide contains a diagram of a perceptron with handwritten annotations. The diagram shows an input layer with nodes x_1, x_2, x_3, x_4 connected to a hidden layer with nodes z_1, z_2, z_3, z_4 , which are then connected to an output layer with nodes z_1, z_2, z_3, z_4 . The final output is z . Handwritten notes include $z = f(a)$, $a = w_1x_1 + w_2x_2 + w_3x_3 + w_4x_4$, and $L = \frac{1}{2}(y - \hat{y})^2$. The participant list on the right includes Dr. SRI PHANI, Adari priyanka Pravalika, GOVINDULAVENKATA MULLI, Sai Venkateswara Rao Thota, Kuldeep BSE, PERKA VIJAY KUMAR NIT..., Manikanta jeeva, Akshay anish, and IEEE Student Branch NIT AP.

Machine learning foundation-Capstone Project Session 3

Estimating the life cycle of a battery based on the information of the first 20 cycles.

Date: 02 January 2021

Name: Machine learning foundation-Capstone Project Session 4

Dynamic pricing and charging strategies of EVs in charging stations.

Date: 04 January 2021

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Women's Day Celebration-Talk on Entrepreneurship

Date: 5th March 2021

3-5 pm

Venue: Google Meet,
Online

No. of Participants: 35

Brief: This session was conducted to improvise the talent in entrepreneurship since it's important as it has the ability to improve standards of living and create wealth, not only for the entrepreneurs but also for related businesses. Entrepreneurs also help drive change with innovation, where new and improved products enable new markets to be developed.

Students were given an insight on entrepreneurship and how the present world revolves around it. It was a very insightful session and students got a chance for one-to-one interaction with the speaker.



Central University of Karnataka
IEEE STUDENT BRANCH

Talk on Entrepreneurship "Entrepreneurship" Searching Possibility in void

Date: 05-03-2021
Time: 5:00PM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>

Thomson Tom
Chief Executive Officer
Infusory Future Tech Labs Pvt. Ltd.

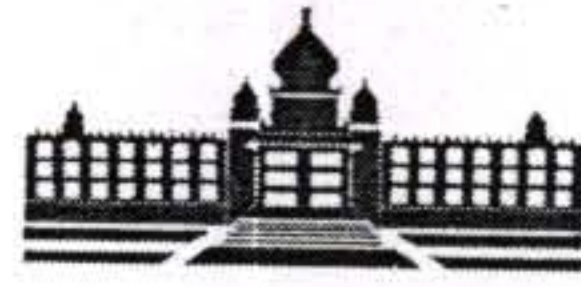


Thomson Tom

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Date: 6th March, 2021

03:00 PM to 04:00 PM

Venue: Google Meet,
Online

No. of Participants: 99

Brief: The session highlighted many facts that people do not, that by hiring a diverse team of qualified men and women, you can experience benefits such as increased employee engagement and creativity. Women can bring unique experiences to the table; use these experiences to boost productivity and motivation levels.

Speaker explained about the struggles and challenges faced in industry and how to overcome them. She shared the solutions to overcome them and the talk was an inspiration to women to develop their career.



Talk on Women in Industry
.....
"Maintaining the Balance"

Date: 06-03-2021
Time: 3PM-4PM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>



Mrs. Ranjani Rajanikanth

Senior Director at
Honeywell.

Mrs. Ranjani Rajanikanth

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK



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Dept Electronics and Communication Engineering

WOMEN'S DAY CELEBRATION SESSION ON YOGA, WELLNESS AND PCOD AWARENESS

- Date: **07 Mar 2021**
- Time: **08:00 AM to 09:00 AM**

The talk was on the importance and role of yoga in our fitness which helps even for women who face issues with PCOD, PCOS etc. She also showed some important asanas that help in keeping our bodies fit.



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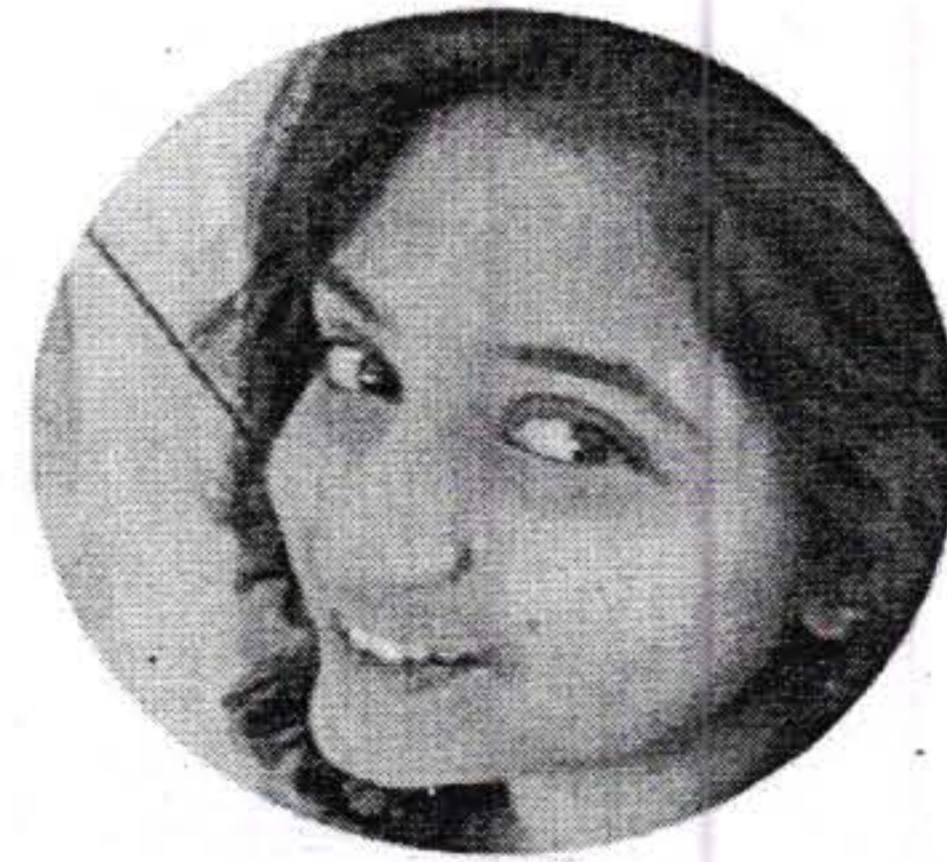
Session on YOGA, WELLNESS and PCOD AWARENESS

"Almighty's Substantial Gift to Mankind"

Date: 07-03-2021
Time: 8AM-9AM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>

Ms.Purvika Reddy
Vipassana Yoga trainer



Ms.Purvika Reddy

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

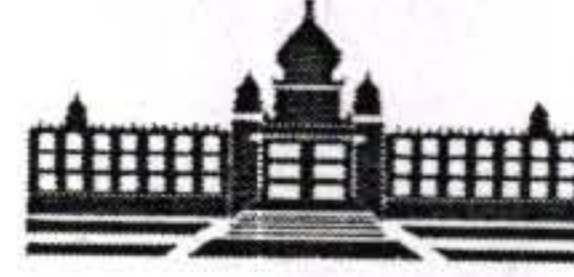
All the Participants will receive an E-Certificate

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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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Central University of Karnataka
IEEE STUDENT BRANCH



IEEE
BANGALORE SECTION



IEEE

School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

WOMEN'S DAY CELEBRATION TALK ON HEALTH AND FITNESS IN WOMEN

Speaker: Shashikala Krishnamurthy

- Date: **07 Mar 2021**
- Time: **04:30 PM to 06:00 PM**

Importance and health and how women ignore about their fitness and selfcare was discussed. Speaker explained about the types of food items to be included in our diet for a healthy lifestyle



Central University of Karnataka
IEEE STUDENT BRANCH

Talk on HEALTH AND FITNESS

"Shield against illness"

Date: 07-03-2021

Time: 3PM-4PM

Register here:

<https://forms.gle/DfNpySHtiarsYA7q6>

Dr. Shashikala Krishnamurthy

Pathologist and Microbiologist .



Dr. Shashikala
Krishnamurthy

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

All the Participants will receive an E-Certificate

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School of Engineering

Dept of Electrical Engineering

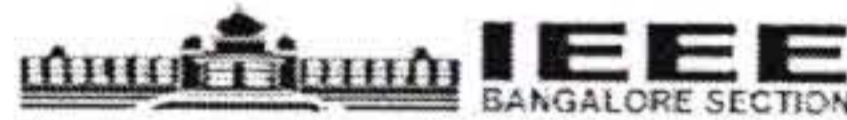
Dept Electronics and Communication Engineering

Women's Day Celebration-Talk on VLSI

- Date: **11 Mar 2021**
- Time: **03:00 PM to 05:00 PM**

By: Dr. Atul Kumar Dwivedi

<p>Date: 11th March, 2021 03:00 PM to 04:00 PM</p> <p>Venue: Google Meet, Online</p> <p>No. of Participants: 95</p>	<p>Brief: The session highlighted the remarkable importance of VLSI which affords IC designers the ability to design utilizing less space. Typically, electronic circuits incorporate a CPU, RAM, ROM, and other peripherals on a single PCBA. However, very large-scale integration (VLSI) technology affords an IC designer the ability to add all of these into one chip VLSI circuits are used everywhere from our personal computers to chips and has many use cases.</p> <p>Session was very interactive and helped students to clear most of their doubts.</p>
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Talk on VLSI

"Let's do something large"

Date: 11-03-2021
Time: 3PM-5PM

Register here:
<https://forms.gle/DfNpySHtiarsYA7q6>



Dr. Atul Kumar Dwivedi
Assistant Professor , BIET, Jhansi

Coordinator
Dr. Apeksha Madhukar
IEEE SB CUK

All the Participants will receive an E-Certificate

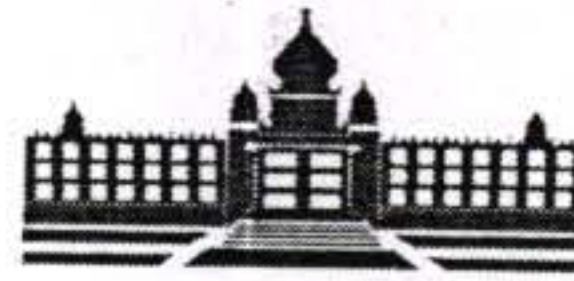
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The screenshot shows a Google Meet interface. At the top, it says "Dr. Atul Kumar Dwivedi is presenting". The main area is a Microsoft Whiteboard with the word "Circuits" circled in white. Below it are two circuit diagrams: one labeled "n-channel" and another labeled "P-channel". To the right of the whiteboard is a list of participants, including Gittolla Hussainiah, BHARGAV SAI RAJESH S., and Apeksha Madhukar Asst... The bottom of the screen shows the Windows taskbar with a search bar and system tray icons.

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School of Engineering

Dept of Electrical Engineering

Dept Electronics and Communication Engineering

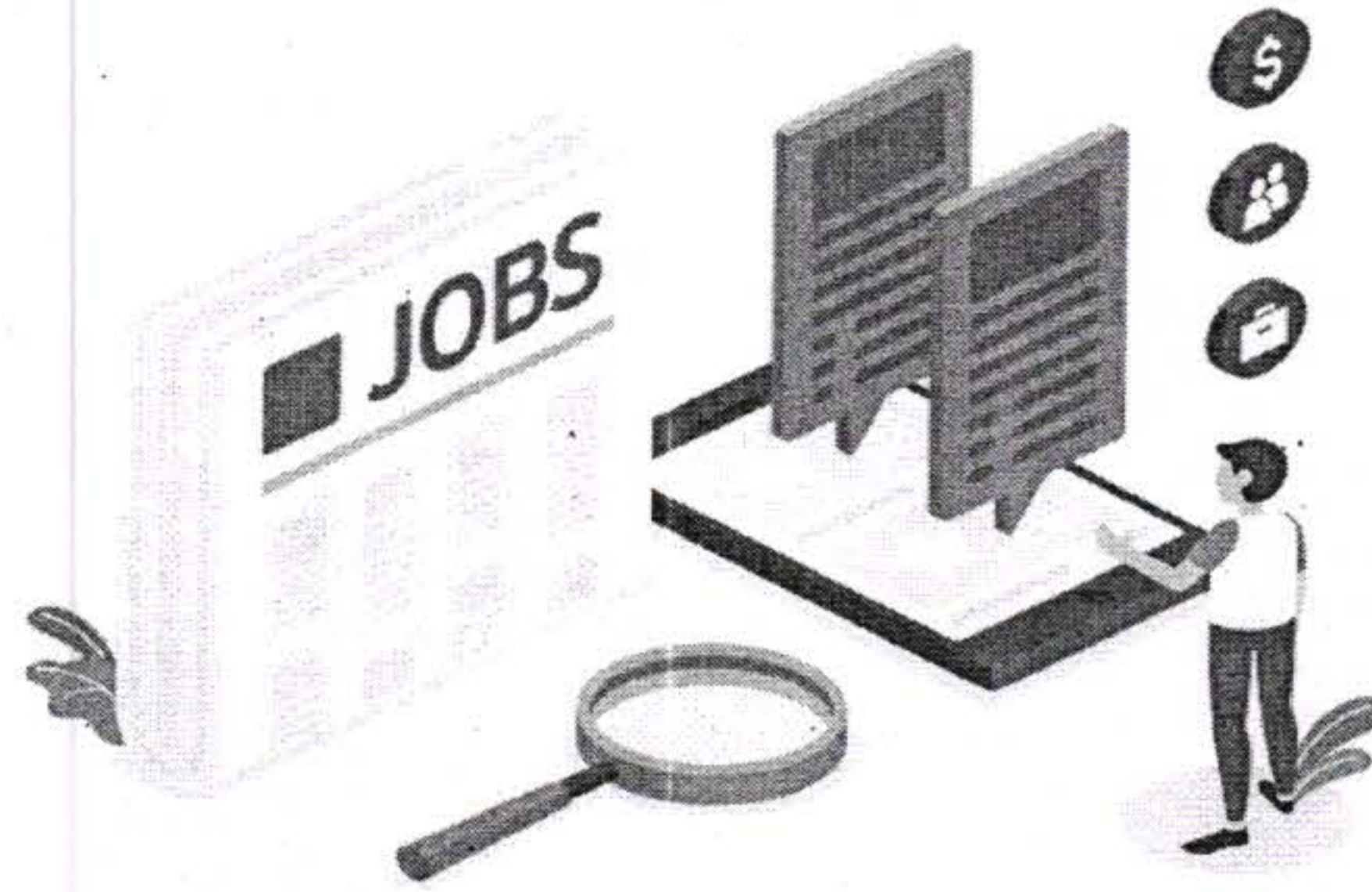
Internship and Placement Opportunities at Microsoft

<p>Date: 9th May, 2021</p>	<p>Brief: Having an internship gives you experience in the career field you want to pursue. Not only does this give individuals an edge over other candidates when applying for jobs, but it also prepares them for what to expect in their field and increases confidence in their work.</p>
<p>Venue: Google Meet, Online</p>	<p>The session focused on highlighting the below points:</p>
<p>No. of Participants: 55</p>	<ul style="list-style-type: none"> ▪ How to become a Microsoft Ambassador? ▪ Various Certifications are given by Microsoft. ▪ Internship and Placement Opportunities at Microsoft.



IEEE SB CUK
Presents

Internship and placement Opportunities at Microsoft



09 May 21

3- 4:30 PM



Registration link:

<http://bit.ly/OpportunitiesatMicrosoft>

Meeting link:

<http://bit.ly/MicrosoftLearnProgram>





Directory of Azure Cloud | Browsers Instructor-led Co... | Microsoft Certifications | Microsoft Learn Student A... | Join conversation | CS - Google Drive

studentambassadors.microsoft.com/en-US/milestones

Apps | New Tab | Online HTML Editor | CS - Google Drive | HTML to PHP Con... | Input Tools | Temp Mail | Gmail | YouTube | News | Translate | #000000 (Black)... | Reading List

ALPHA

Student Ambassadors that complete a learning path on Microsoft Learn will earn the Alpha badge.

- ✓ USD150 monthly Azure credits
- ✓ Visual Studio Enterprise subscription
- ✓ MTC certification exam voucher
- ✓ StudentAmbassadors.com domain name
- ✓ Techsmith Snagit and Camtasia software

BETA

Student Ambassadors who plan and host an event for other students in their community will earn the Beta badge.

- ✓ Alpha benefits
- ✓ Swag
- ✓ Event support
- ✓ Mentorship
- ✓ Access to Ambassador Summit

GOLD

Student Ambassadors who have gone above and beyond serving their local community will be invited to the Gold milestone.

- ✓ Alpha and Beta benefits
- ✓ Access special events and speaking engagements
- ✓ Program Leadership opportunities
- ✓ Participate in pilot program
- ✓ Microsoft Most Valuable Program (MVP) Mentorship
- ✓ Access to the MVP program

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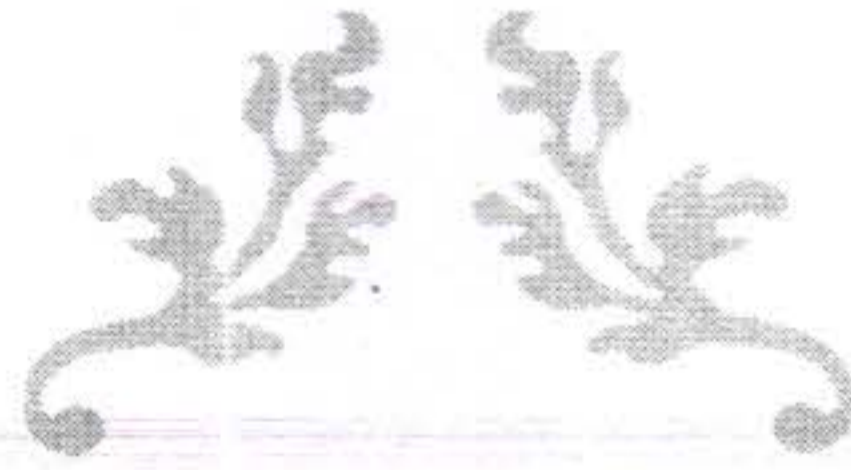
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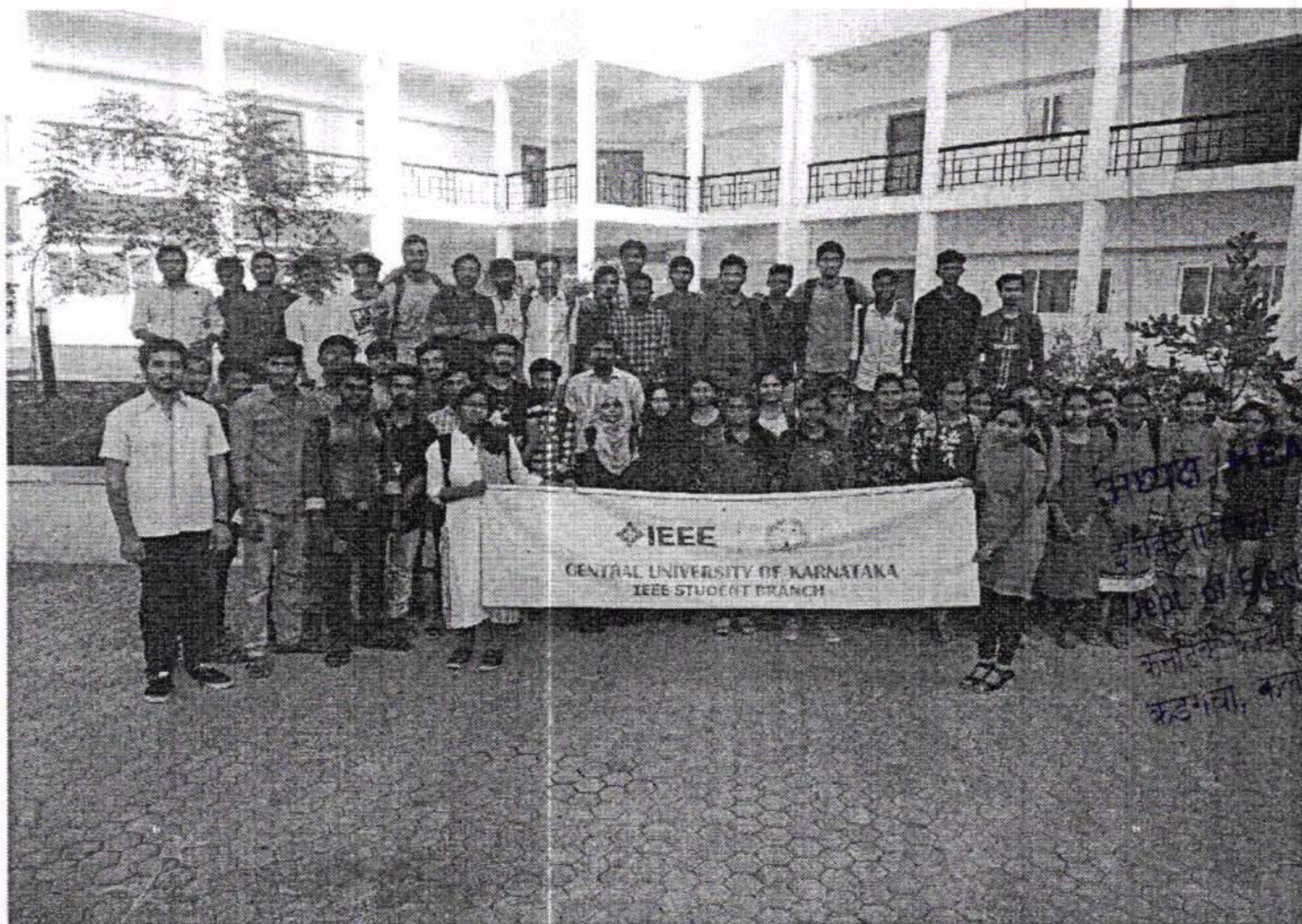
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IEEE Student Branch



ANNUAL REPORT: IEEE STUDENT BRANCH CUK:2019



2019-20



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कडागंची, कर्नाटूरगी / Kadaganchi, Kalaburagi-5



Central University of Karnataka
IEEE Student Branch



IEEE
BANGALORE SECTION



ANNUAL REPORT

STUDENT BRANCH NAME: CENTRAL UNIVERSITY OF KARNATAKA

STUDENT BRANCH CODE: 14017

SECTION: BANGALORE

REGION: REGION 10- ASIA PACIFIC

STUDENT BRANCH ADDRESS:

IEEE STUDENT BRANCH CUK, SCHOOL OF ENGINEERING,
CENTRAL UNIVERSITY OF KARNATAKA, KADAGANCHI, ALAND ROAD, GULBARGA,
KARNATAKA, INDIA.

BRANCH CHAIRPERSON: AROHI DESHPANDE

BRANCH COUNSELOR: DR. SANDEEP V

DATE OF INAUGURATION OF STUDENT BRANCH: 30TH AUGUST 2018.

**TOTAL NO: OF MEMBERS: 89 STUDENT MEMBERS + 11 GRADUATE MEMBERS + 2
PROFESSIONAL MEMBERS (as on 10th NOV 2019).**

WEBSITE: site.ieee.org/sb-cuk

BRIEF ABOUT CUK IEEE STUDENT BRANCH:

IEEE Student branch of CUK was inaugurated on 30th August 2018 and with high efforts by student members and volunteers won '**Most Promising Student Branch Award 2018**' from IEEE Bangalore section. through its active membership drives and promotional activities, in one year No: of IEEE members were made to 102 from 17 initial members at the inauguration of the student branch. Student branch also encourages students to undertake projects and guide them throughout the project and also encourages them to show case the projects in TECHNO-NIRMAN (Project exhibition which is conducted 2 times every year by IEEE SB CUK). Power and Energy Society chapter under IEEE SB CUK has also been formed this year. This year we have conducted 46 events as of 11TH NOV 2019.

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1) ANNUAL GENERAL BODY MEETING:

Date: 18 JAN 2019

Venue: First year lecture hall,
School of Engineering, Central
University of Karnataka,
Kadaganchi, Gulbarga.

No: of Participants: 51.



BRIEF: The AGM is the Event where the works of the people involved in the fruition of one of the most passionate and work-Centric up and coming student branch get acknowledged and the trajectory for the future gets plotted, leaving nothing to chance but depending on Work Ethic.

This Year's AGM was an auspicious and inspiring occasion because we had been able to reach the horizons, we weren't even able to imagine at the beginning of this organization as a 17-member unit. The event was concluded by distributing the appreciation certificates for the most promising and hard-working members of the yesteryear, in a way to acknowledge their grind and grit. The events for the entire year was decided and the day was left off on a high note and our minds set on breaking the numbers of the previous year.

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Karnataka Central University of Karnataka
Kadaganchi, Kalaburagi-585 367



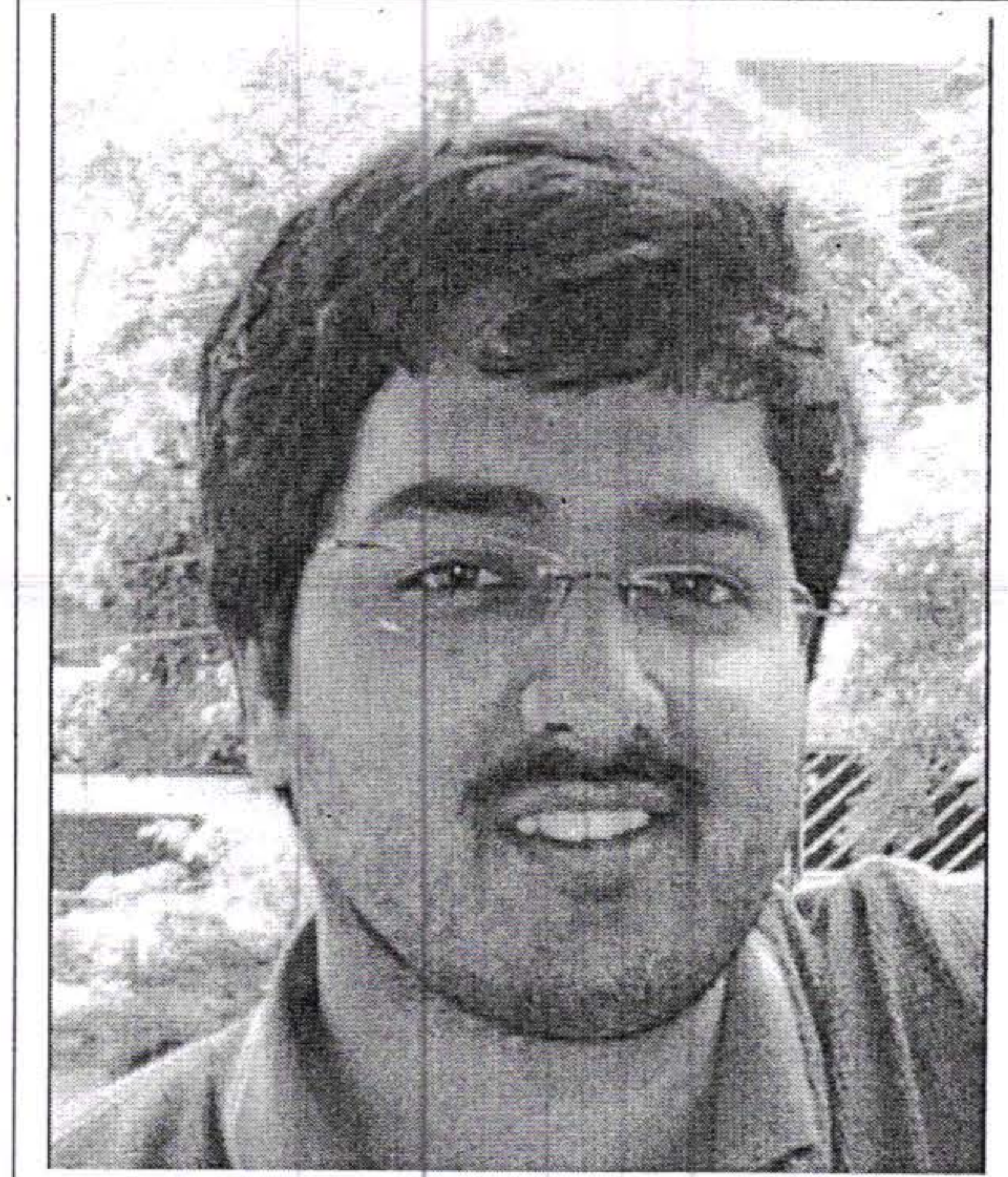
2) TECHNICAL TALK BY DR. ADITYA SIRIPURAM, IIT HYDERABAD

Date: 21ST JAN 2019

Topic: Introduction to Graph Signal Processing

Venue: First year lecture hall, School of Engineering, Central University of Karnataka, Kadaganchi, Gulbarga.

No: of Participants: 51.



Brief: Dr. Aditya Siripuram (IIT Hyderabad) gave a talk on graph signal processing to motivate the students along the lines of research methodology of the same, his talk was attention-grabbing and zealous, the Stanford scholar explained the grounds of Graph signal processing, which deals with signals whose domain, defined by a graph, is irregular. An overview of basic graph forms and definitions was presented first. Spectral analysis of graphs was discussed next. Some simple forms of processing signal on graphs, like filtering in the vertex and spectral domain, subsampling, and interpolation, are given. Graph topologies are reviewed and analysed as well. The theory was illustrated through examples, including few applications at the end of the talk.

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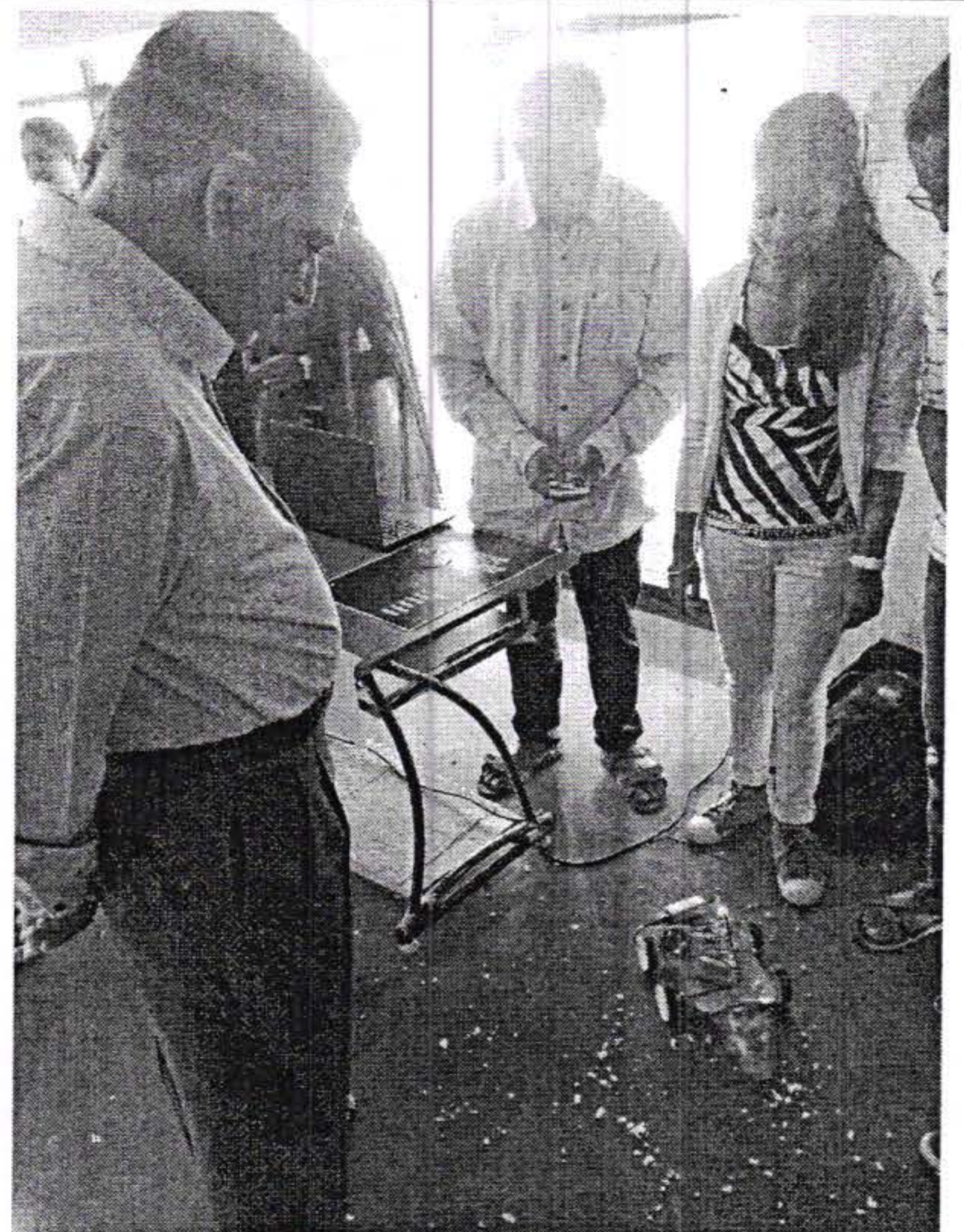
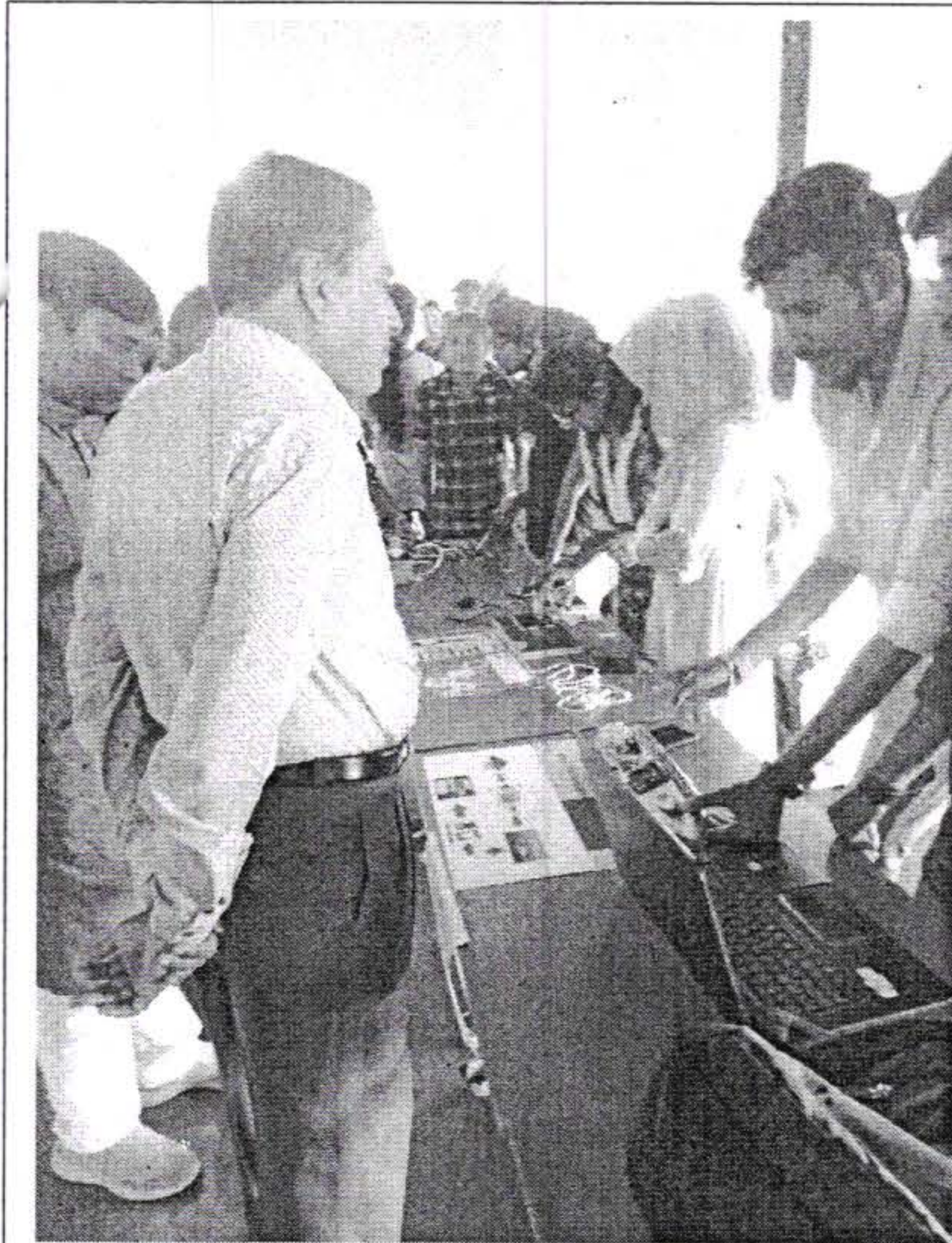
3) TECHNO-NIRMAN PHASE 1 (Innovative Students' Project Exhibition)

Date: 26th JAN 2019

Venue: Admin Hall, Central University of Karnataka

No: of Participants: 28 Projects

Brief: The students were given the chance to show their workmanship and get their own feedback loop for the works and engineering projects that they did by exhibiting the same at the administration section of the campus during republic day, the event was a gigantic success due to the sheer number of participants and an unprecedented 28 projects to be shown, the students irrespective of their year or semester mustered some ideas, put the pedal to the grindstone and crafted beautiful technical projects, these were seen and praised by students and faculties alike and the best ones were applauded



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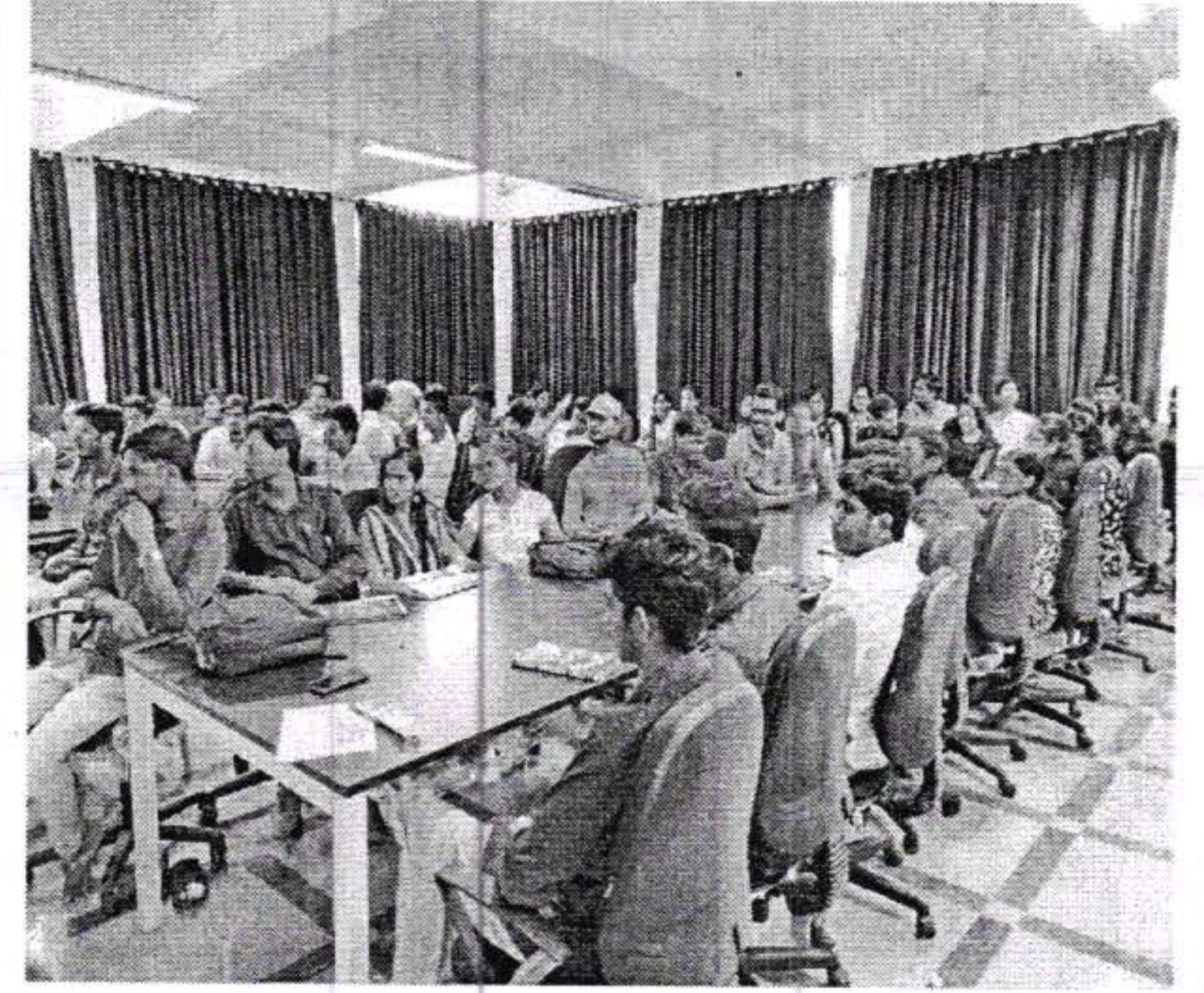


4) CORE EXECUTIVE MEETING 1

Date: 30TH Jan 2019

Venue: First year lecture hall, School of Engineering, Central University of Karnataka, Kadaganchi, Gulbarga.

No: of Participants: 18



Brief: The elected members of the core team were called for the meeting organized by the branch counsellor, branch chair, and the adjoining team members, the meeting revolved around the various facets of development of the branch, assigning the duties of each core member and recruiting of sub members into each core team for the effective functioning of the branch as a whole, the meeting was dismissed after each member were assigned a duty for the rest of the year and the dates were set for all the adjoining events

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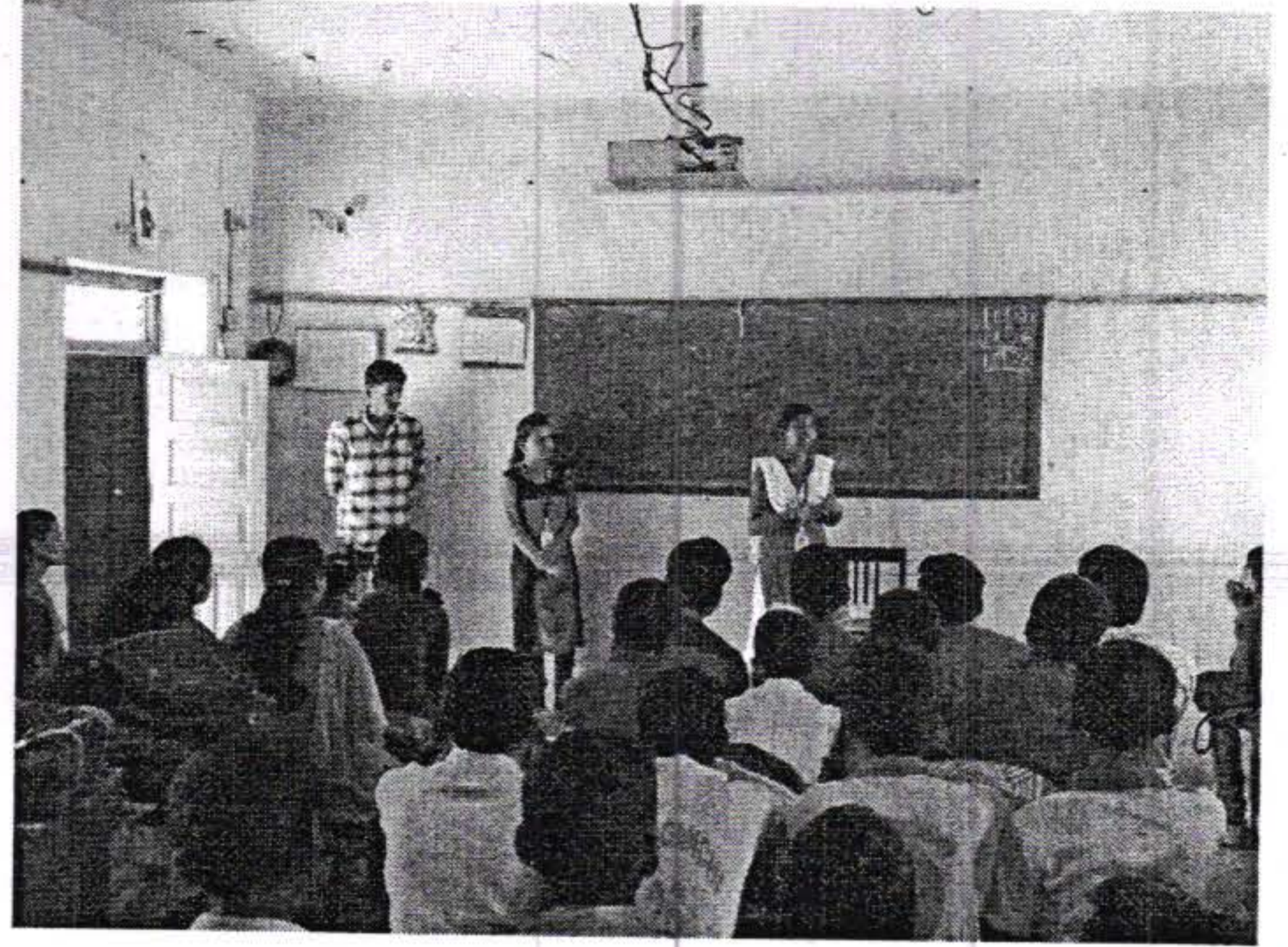


5) EDUCATIONAL AWARENESS AND CAREER GUIDANCE

Date: 20TH Feb 2019

Venue: Kadaganchi govt UP school,
Gulbarga

No: of Participants: 80



Brief: It is said that our duty is only complete when we try to put our best foot forward by uplifting more people along with us as we rise in power or as we drown in opportunities, the same fact was taken into consideration while developing this event, this event took an inception in our minds as we had planned to go to the nearest school, Kadaganchi govt School and give some guidelines, awareness, and information to the students regarding their higher studies and the way to audit their own mindset and find what suits them in the long run, the event was extremely well received and is in consideration to be an annual event.

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University of Karnataka



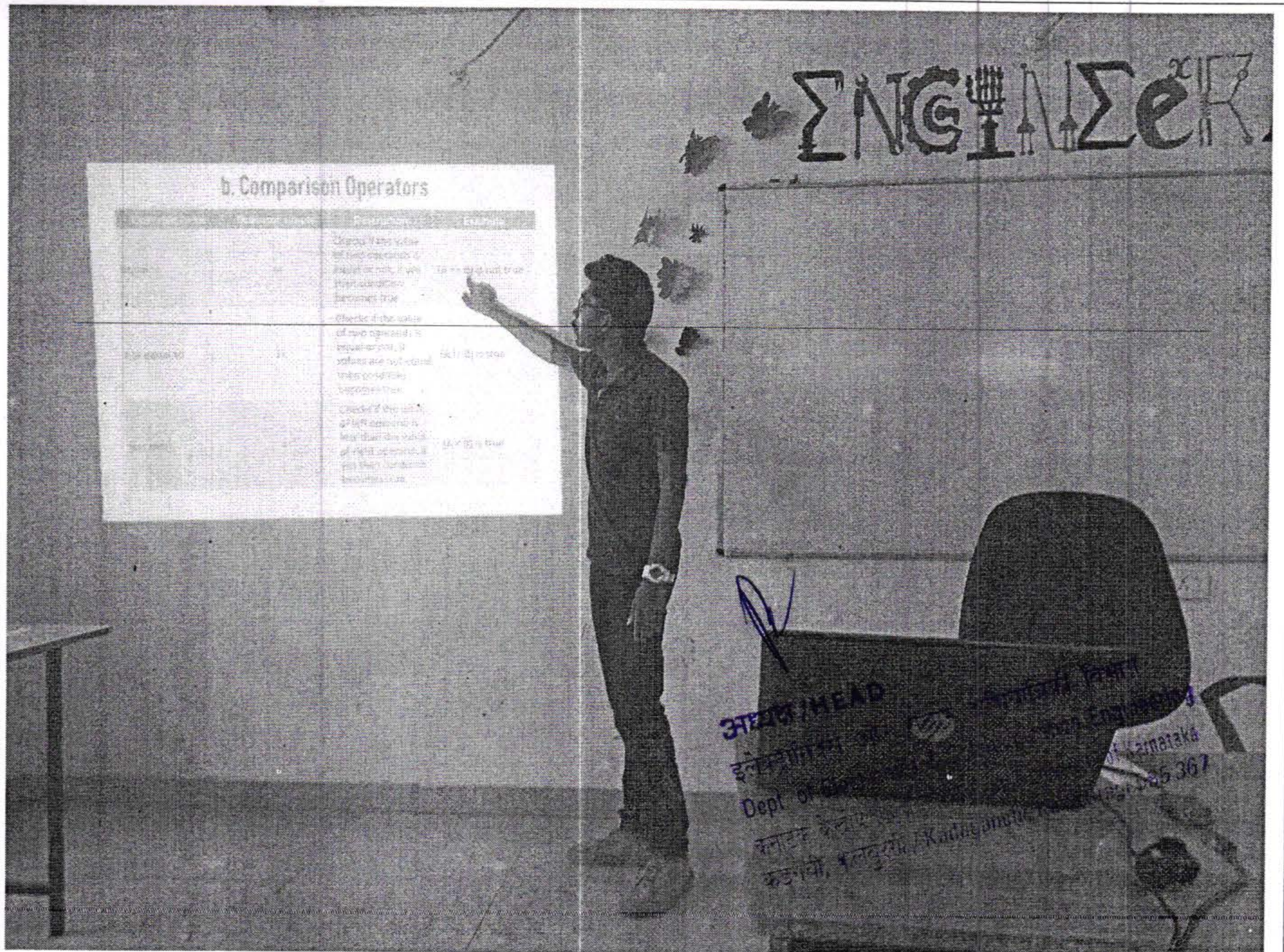
6) TECHNICAL WORKSHOP ON WEB DEVELOPMENT

Date: 24TH Feb 2019

Venue: First year lecture hall, School of engineering, Central university of Karnataka

No: of Participants: 24

Brief: The objective of this workshop is to help trainees understand the real life web development and become a web developer using latest tools and trending technologies of current and future. The course outline is designed in such a manner that almost no prior knowledge is required to master the technology. Once completed the course successfully, the trainees are going to have their own live websites and clear understanding of how do real time web developers work in MNCs and other software companies.





7) DISTINGUISHED LECTURE BY PROF. L M PATNAIK

Date: 27TH FEB 2019

Topic: Science for people and people for science.

Venue: Seminar Hall, Admin block ,
Central University of Karnataka

No: of Participants: 150



Brief: Prof. L.M. Patnaik obtained his Ph.D. in 1978 in the area of Real-Time Systems, D.Sc. in 1989 in the areas of Computer Systems and Architectures, both from the Indian Institute of Science, Bangalore. During March 2008 – August 2011, he was the Vice-Chancellor, Defence Institute of Advanced Technology, Deemed University, Pune. Currently, he is an Honorary Professor with the Department of Electronic Systems Engineering, Indian Institute of Science, Bangalore. Prior to this, he was a Professor with the Department of Computer Science and Automation at the Indian Institute of Science, Bangalore. During the last 40 years of his long service at the Indian Institute of Science, his teaching, research, and development interests have been in the areas of Parallel and Distributed Computing, Computer Architecture, CAD of VLSI Systems, Theoretical Computer Science, Real-Time Systems, Soft Computing, and Computational Neuroscience. In these areas, he has published over 1000 papers in refereed International Journals and refereed International Conference Proceedings and has authored 29 technical reports, as Vice-Chancellor of the Defence Institute of Advanced Technology, Deemed University, he was responsible for conducting large number of Doctoral, Masters', short and long courses, in the field of defence technologies for service officers from the Army, Air Force, Navy; DRDO scientists, officers from Indian Ordnance Factories and Director General of Quality Assurance, and service officers from several friendly foreign countries.

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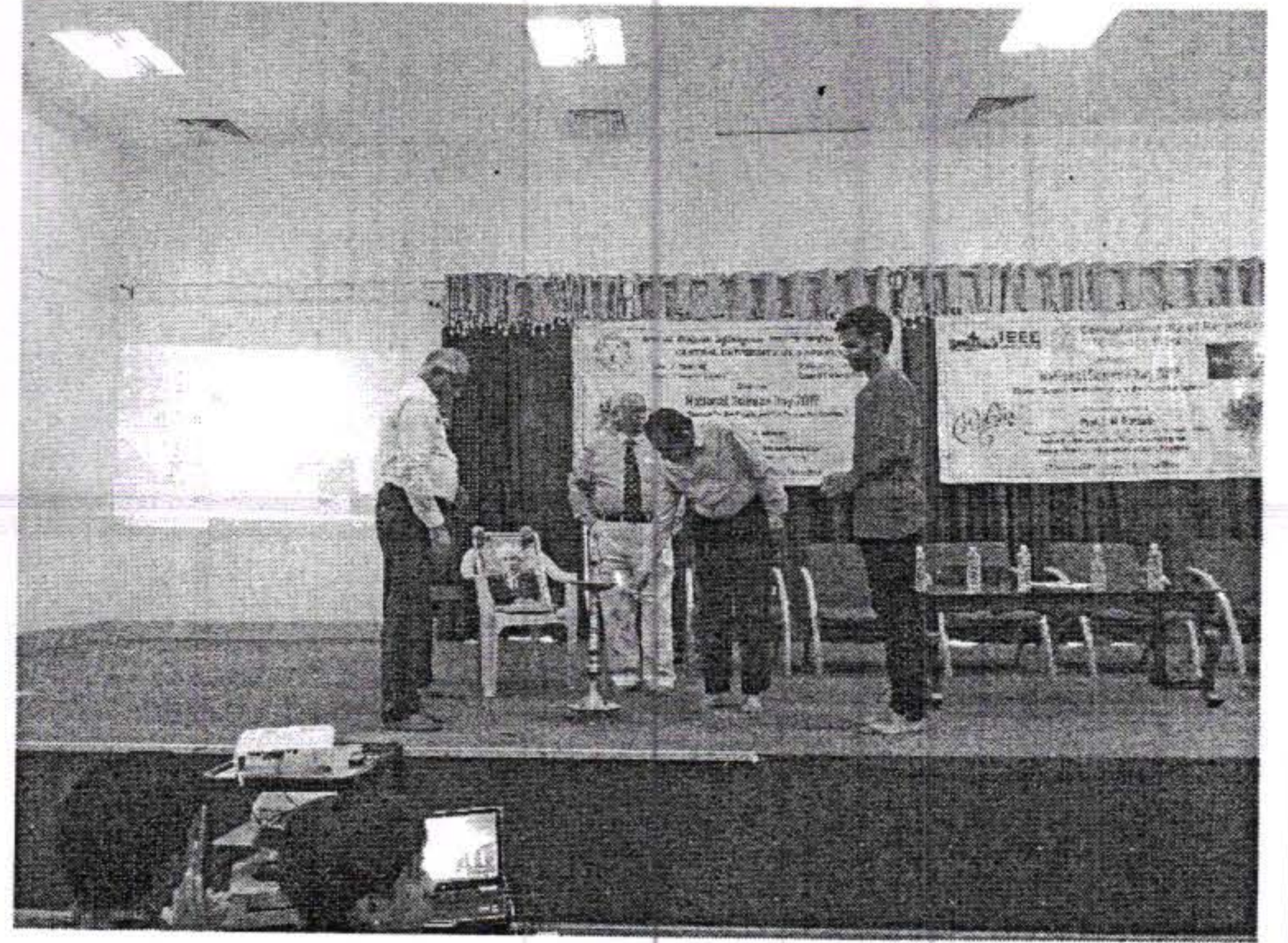


8) SCIENCE DAY CELEBRATION

Date: 27TH FEB 2019

Venue: Seminar hall, Admin block,
Central University of Karnataka

No: of Participants: 180



Brief: The prestigious day for the discovery of Raman effect by Indian physicist Sir C. V. Raman on 28 February 1928, which won him a Nobel prize, was celebrated with grandeur and full spirit, the program had talks by the pro vice-chancellor and chancellor regarding the nurturing of scientific minds and the development of scientific aptitude and reasoning among students and the importance of the same, the talk was perceived wholeheartedly by the students and the faculties alike

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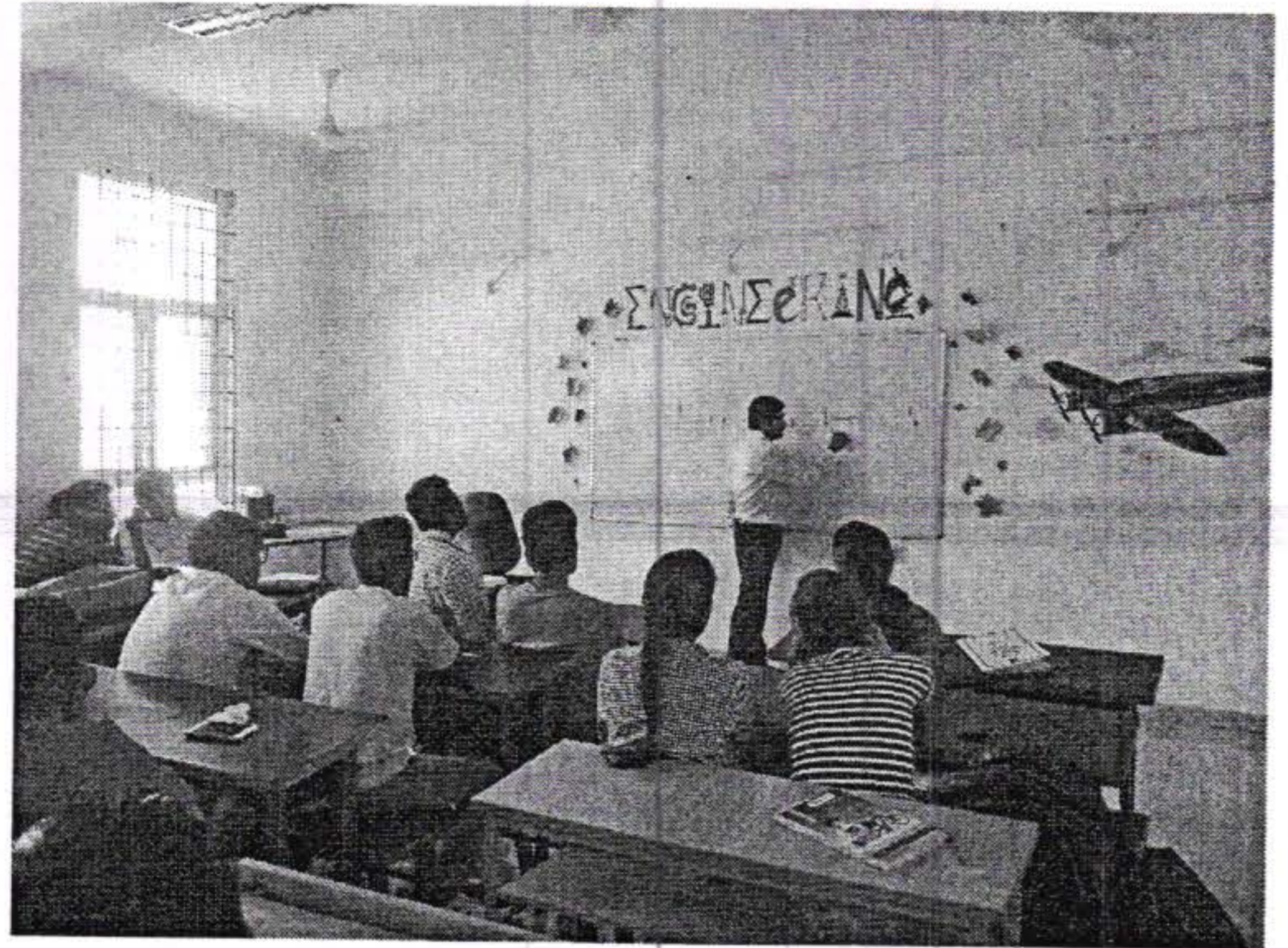


9) SPECIAL TALK BY DR. KIRAN

Date: 10TH Mar 2019

Venue: First year lecture hall, school of engineering, Central University of Karnataka

No: of Participants: 47



Brief: Dr. Kiran, who happens to be one of our guest faculties delivered a well thought and researched talk on careers of engineers, it was not just merely a guidance class but a real-life lesson from someone who has walked in the same shoes, He explored on the nature of various engineering courses, the skill set that we develop by default and the ones we need to pursue, the average time that needs to be dedicated to ace any written examination after graduation and the mindset through which these can be selected, his talk was to the point and very informative.

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University of Karnataka



10) MOTIVATIONAL TALK BY A H SAGAR

Date: 12TH Mar 2019

Topic: significance of critical thinking as well as the philosophical foundation of science for innovation in science and technology

Venue: First year lecture hall , school of Engineering, Central University of Karnataka

No: of Participants: 82



Brief: The motivational talk by AH Sagar was definitely an event highlight of the year, the talk was not simply another cliched clutter of age-old sayings, but a speech of style and substance at large, it revolved around the aspects of the significance of critical thinking, that is vital in what we face today, he spoke on the quintessential nature of the skill and the ways to acquire and develop it, the talk further spilled over to the philosophical spectrum of sciences and the underlying philosophy behind scientific conquest and exploration and how such a methodological approach is essential and pivotal to launch better humans than scientists to which everyone unanimously nodded, the talk was taken wholeheartedly by the students and they kept yearning for more from him and his vast experience.

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11) ARDUINO WORKSHOP

Date: 14th – 15th Mar 2019

Venue: System Design Lab , School of Engineering, Central University of Karnataka

No: of Participants: 82



Brief: The 2-day event was a first of its kind, that invited the entire university to the palms of the engineering department, to create an inclusive event, that hasn't taken place before, the program, in the end, had achieved what it yearned for, to create a discussion about the applications and wide uses of Arduino as we go down the rabbit hole of learning micro-controllers, it gave awareness of what Arduino is and how it functions as a whole. The event was a huge success pulling students from various other departments and schools, the event showed a newer side of programs that could pull in a broad spectrum of people.

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12) ARDUINO HACKATHON

Date: 16TH Mar 2019

Venue: System Design Lab , School of Engineering, Central University of Karnataka

No: of Participants: 76

Brief: Based on the input from the workshops of the previous days, the Arduino hackathon was the challenging bit of the entire event, it involved various levels of problem-solving and critical thinking, the event also boasted huge participation and praise for being very thorough and all-round, the top three winners of the event were given certificates and cash prizes, the thought of bringing back the event with more programs and activities are currently in discussion.



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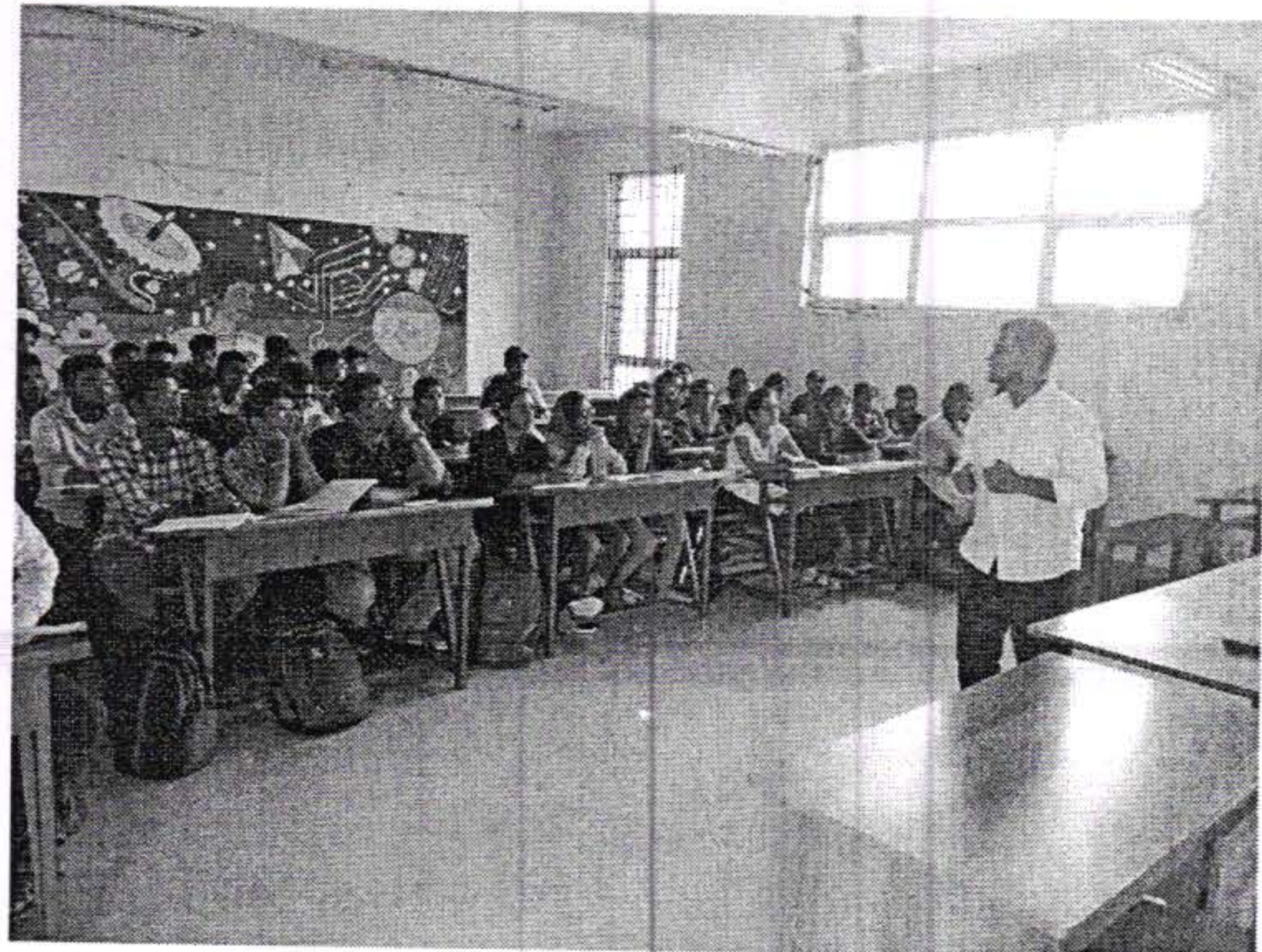
13) SPECIAL LECTURE BY K PRASANNA KUMAR

Date: 24TH July 2019

Topic: Introduction to Programming

Venue: First year lecture hall , school of Engineering, Central University of Karnataka

No: of Participants: 55



Brief: The Introduction to programming course was conducted with the intention of serving as a bridge between no idea of coding to getting a glimpse of the purpose and methodology of coding and as a connection between various platforms, the programme was headed by Mr. Prasanna, Senior Project Staff at IIT Hyderabad and a member of the TLC there, it served as an amazing experience for getting some deep insights to the coding world

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14) SPECIAL TALK BY PROF SURESH JANGAMSHETTI

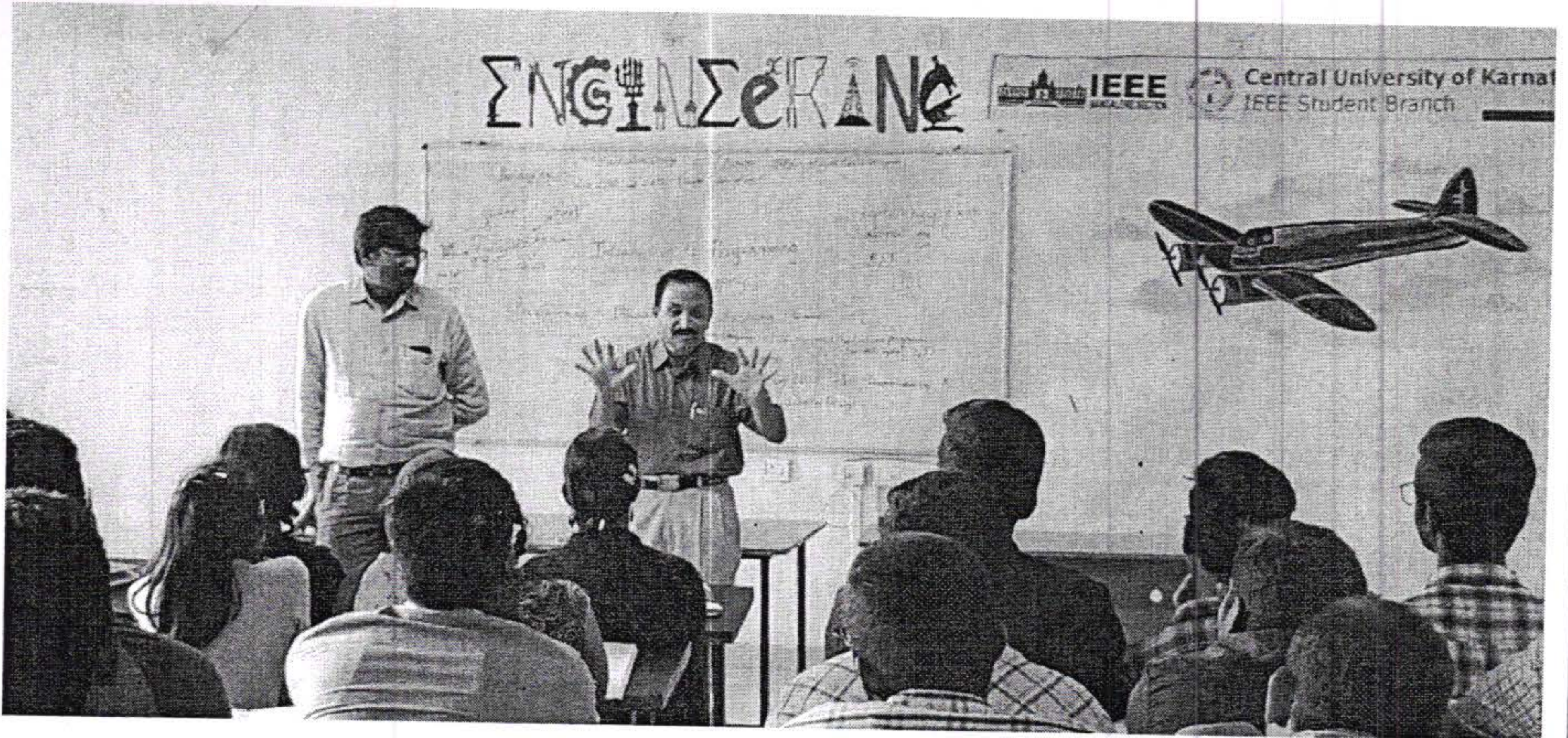
Date: 24TH July 2019

Topic: Benefits of IEEE

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 70

Brief: Prof Suresh Jangamshetti is the chair of North Karnataka Hub under IEEE Bangalore section. He Enlightened the first-year students with the importance of IEEE and motivated to join IEEE for their brighter future. He explained the benefits of IEEE and also explained how, IEEE is an platform to bring out the potential of the student, IEEE is an platform which connects people around the world so that one explore and imbibe new ideas to build his own career



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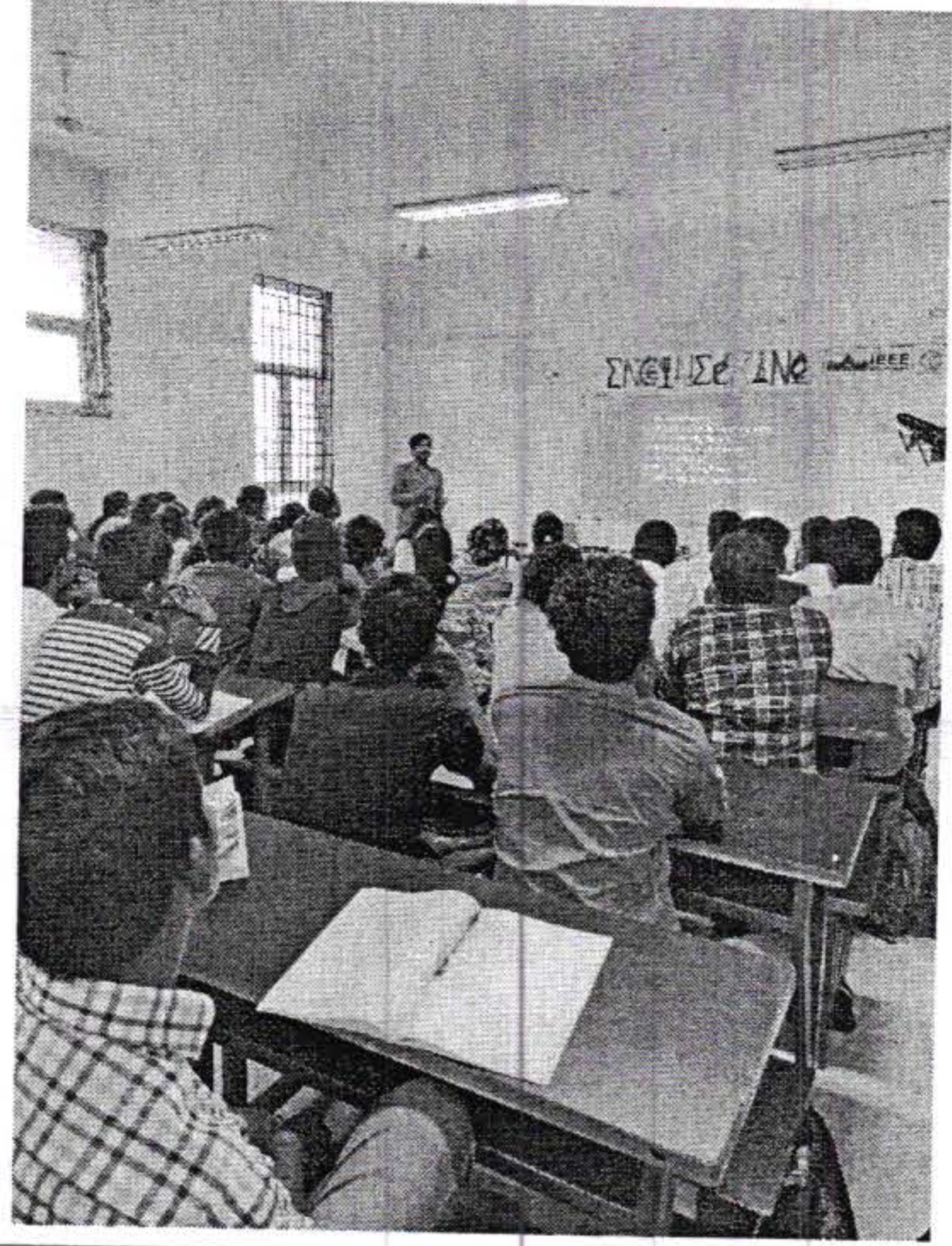


15) SPECIAL TALK ON MACHINE LEARNING

Date: 1ST Aug 2019

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 61



Brief: The talk's objective was to make students aware of machine learning and also to show them how important is Machine learning going to be in the near future. The talk was done by a Mr. Sourav Solanki, Computer science Dept who had a vast experience working on machine learning. He shared the ideas of his projects in machine learning and also demonstrated some of the machine learning algorithms.

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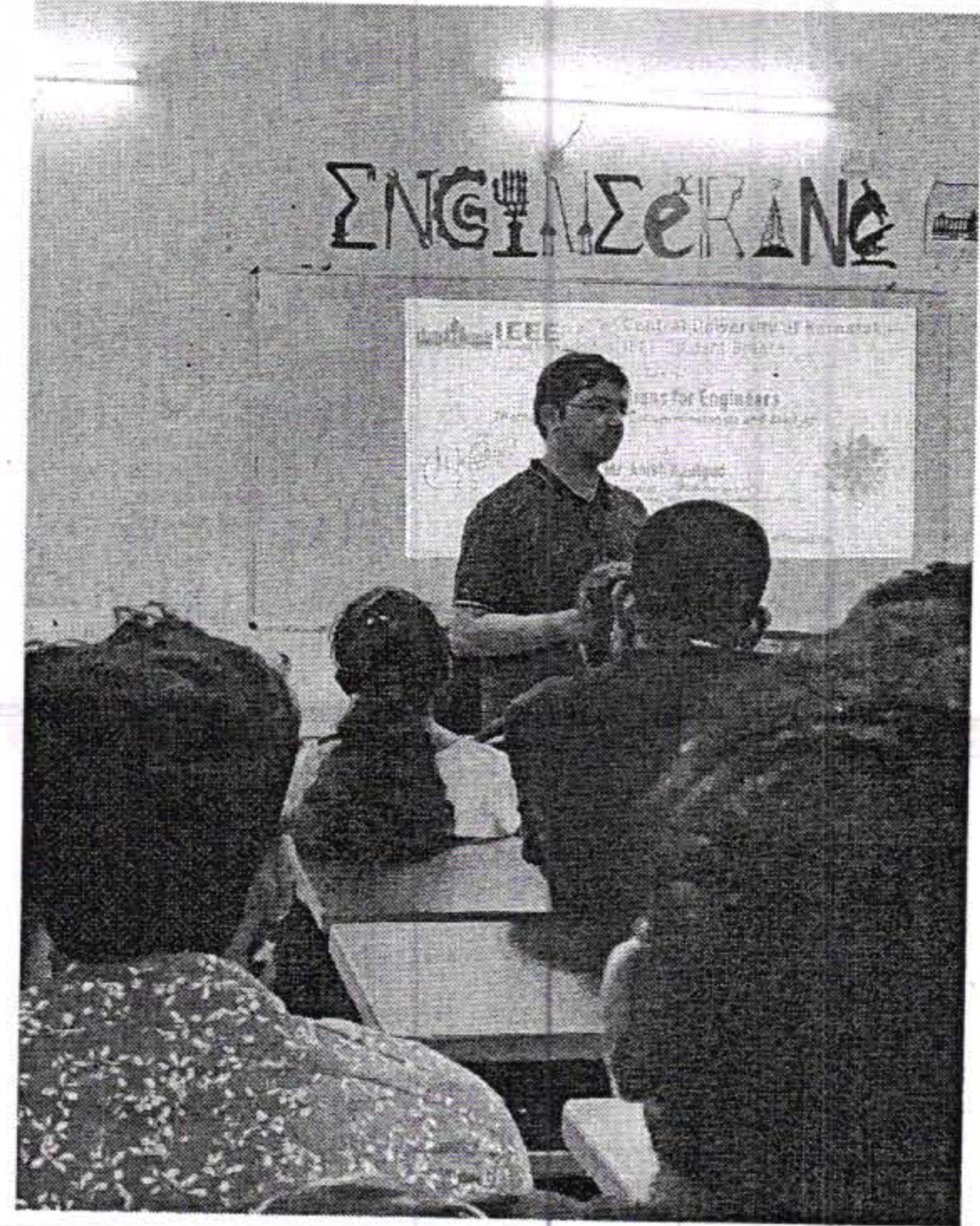
16) SPECIAL TALK BY ANISH KAULGUD

Date: 5th Aug 2019

Topic: Career options for Engineers

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 61



Brief: The event was unanimously described as one of the most informative and attention-grabbing events so far, Mr. Anish Kaulgud (IIM Bangalore) delivered an amazing speech and went on to show a spectrum of roles that engineer can play in the future after graduation, he acknowledged that the times are changing and that its only possible to move forth once we adapt and overcome, he didn't only just stick to the technical side of things, but also talked about a wide array of possibilities itself when it came to engineering, the talk surely lit up a lot of faces and was an amazing experience.

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17) INTRODUCTION TO IEEE COMPUTER SCIENCE SOCIETY

Date: 9th Aug 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 64

Brief: The session was taken by Dr. Vishwas Lakkundi , Chair Elect IEEE Computer Society Bangalore Chapter. He motivated students to join Computer society by showcasing salient features of IEEE Computer Society. All students were well convinced about joining Computer Society and also starting a Computer Society chapter under IEEE Student Branch Central University of Karnataka.



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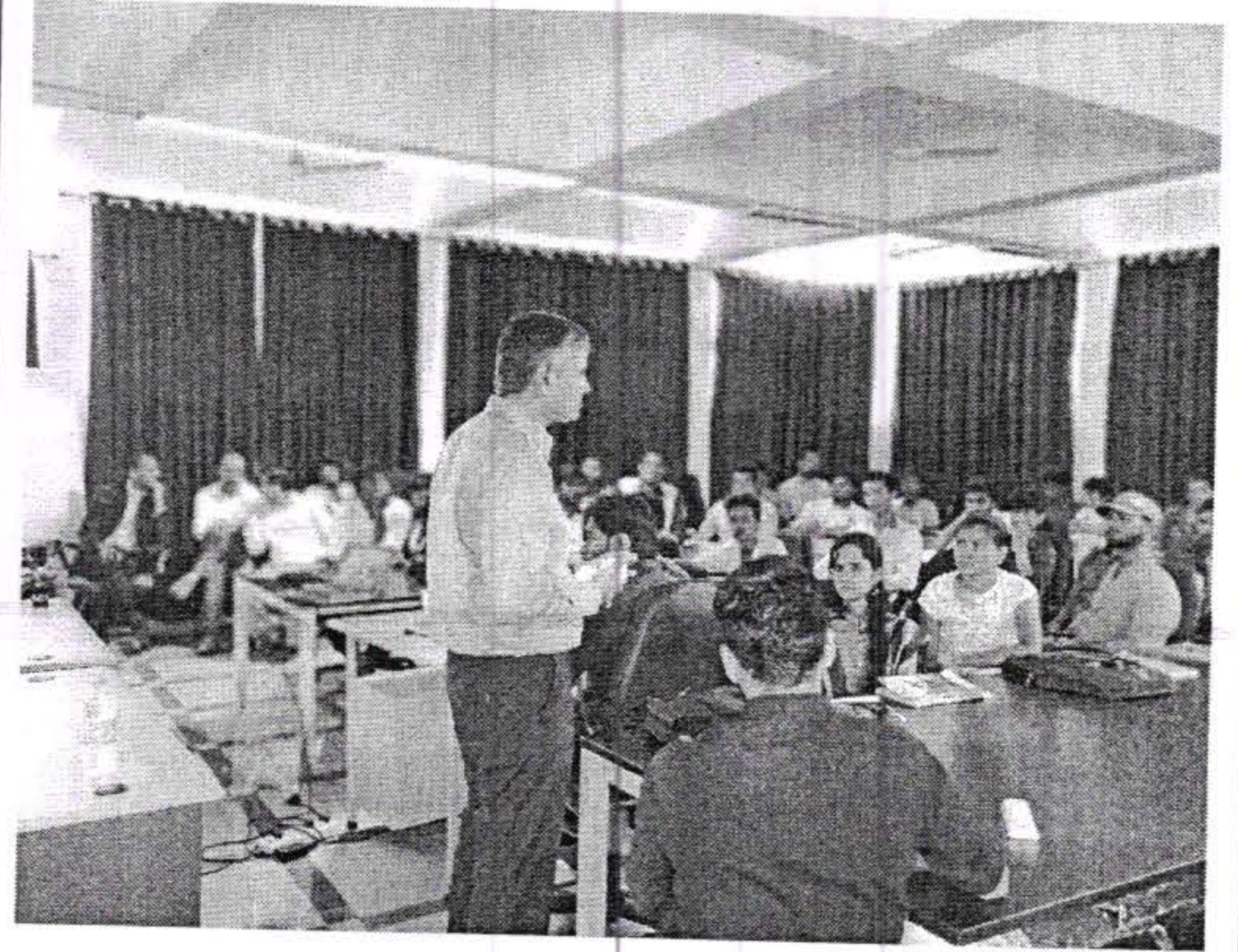
18) IEEE CS EXPERT LECTURE BY PROF NITHIN NAGARAJ

Date: 9th Aug 2019

Topic: Machine learning and Chaos theory

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 61



Brief: Prof Nithin Nagaraj is an associate professor at National Institute of Advanced Studies (NIAS), Bangalore, He is also Member of Execom, IEEE Computer Society Bangalore Chapter. He inspired us to connect two extremely different topics i.e. Machine learning and chaos theory together. He made wonderful conclusions by combining Chaos theory to Machine learning. He also inspired students to work on machine learning with this aspect in mind. The topic was very new to the world and only very few are working on Machine learning with Chaos theory, so this indeed was a memorable and valuable session for the students of IEEE SB CUK.

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कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
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19) IEEE CS EXPERT LECTURE BY VISHWAS LAKKUNDI

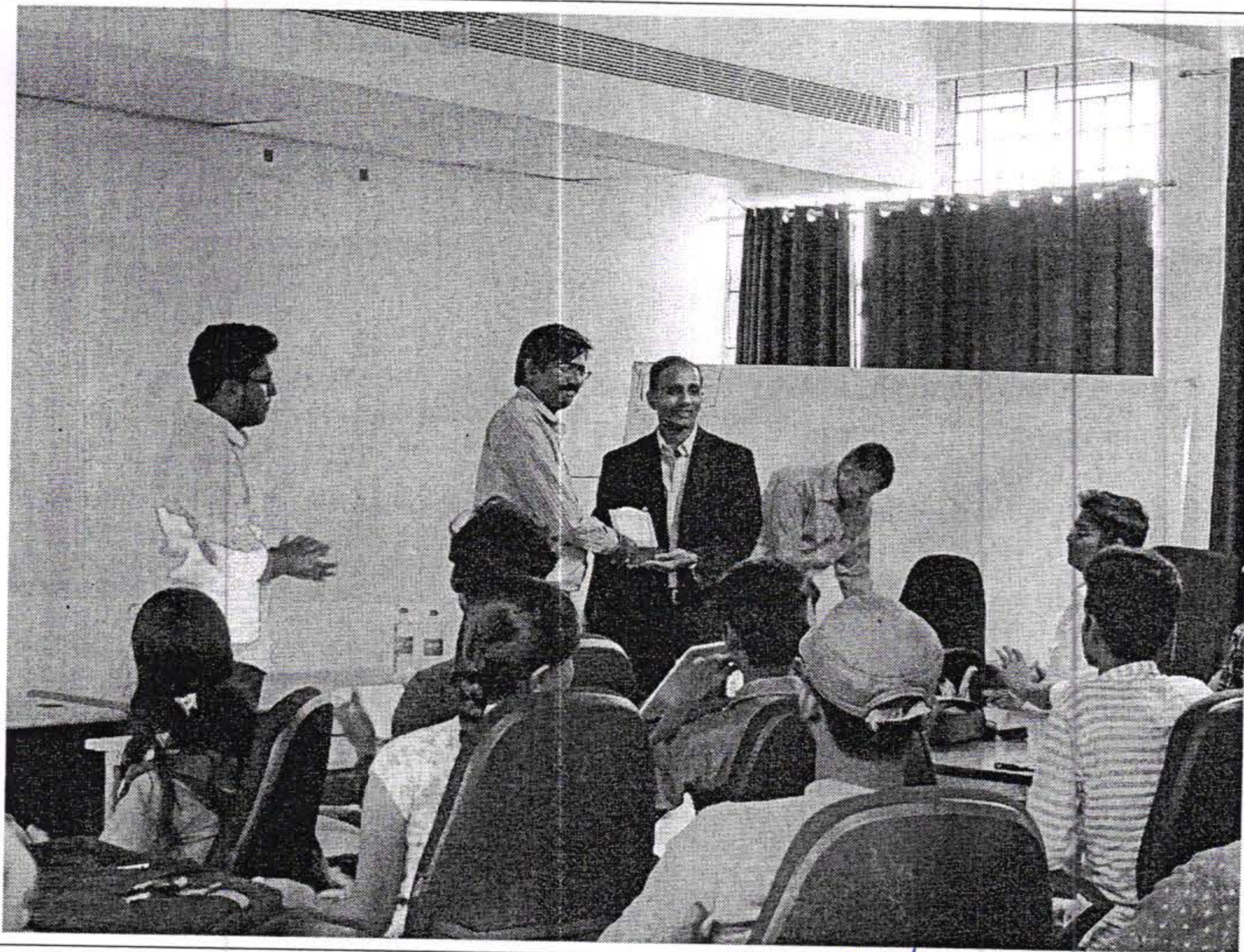
Date: 9th Aug 2019

Topic: IOT, Security, AI, Cloud and
Analytics: Industry Perspective

Venue: Seminar Hall, First floor, School
of Engineering, Central University of
Karnataka.

No: of Participants: 61

Brief: Dr. Vishwas Lakkundi is the principal architect, Smarten spaces, Bangalore and chair elect of IEEE computer society Bangalore chapter. He shared his thoughts and concerns of future with IOT. He inspired us with many industrial IOT machines/tools which is making a huge impact in society. He also showed some of the IOT and AI applications developed by Smarten Spaces. He inspired us to work on IOT projects which can be upgraded for industrial uses also.



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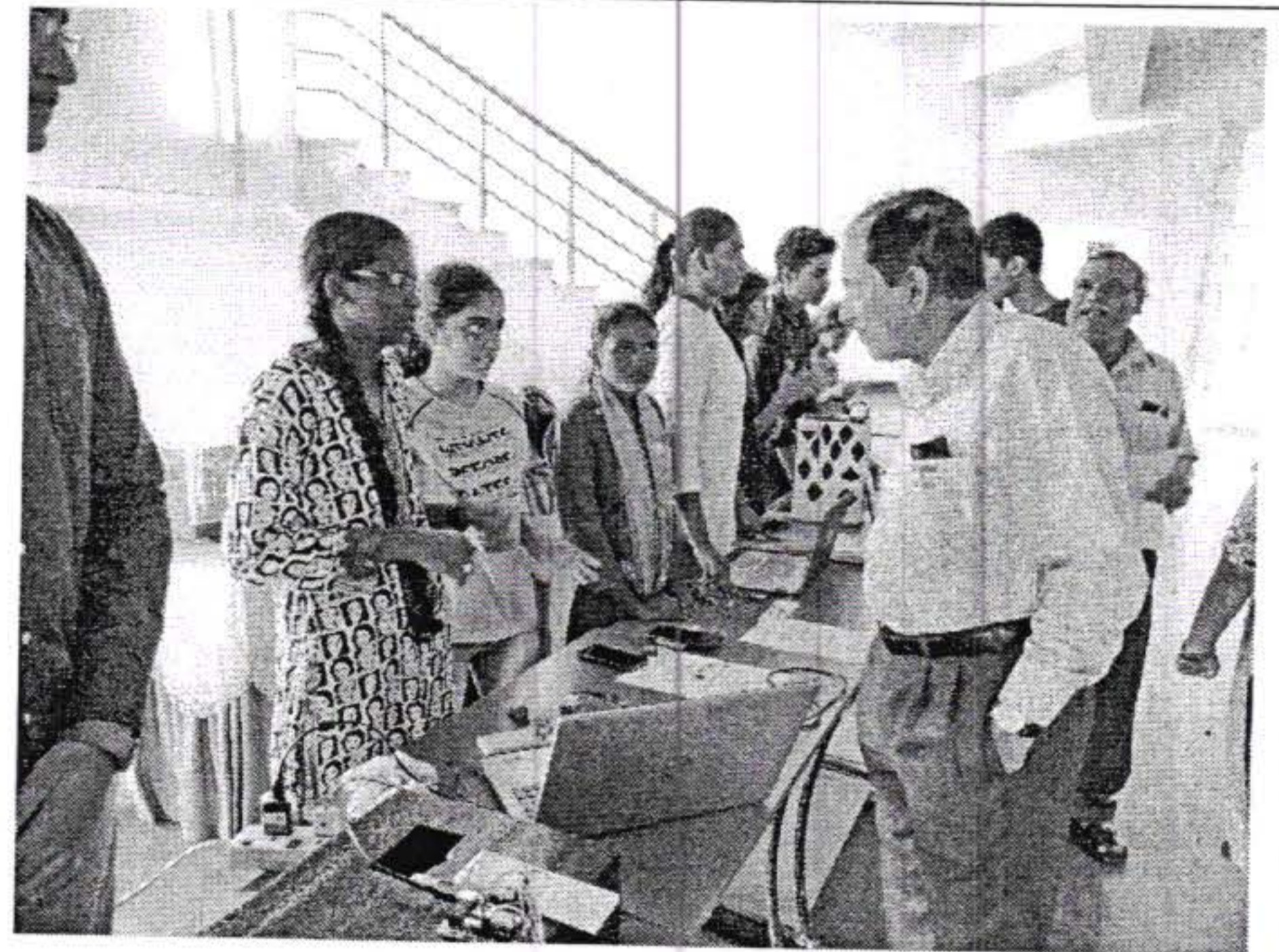
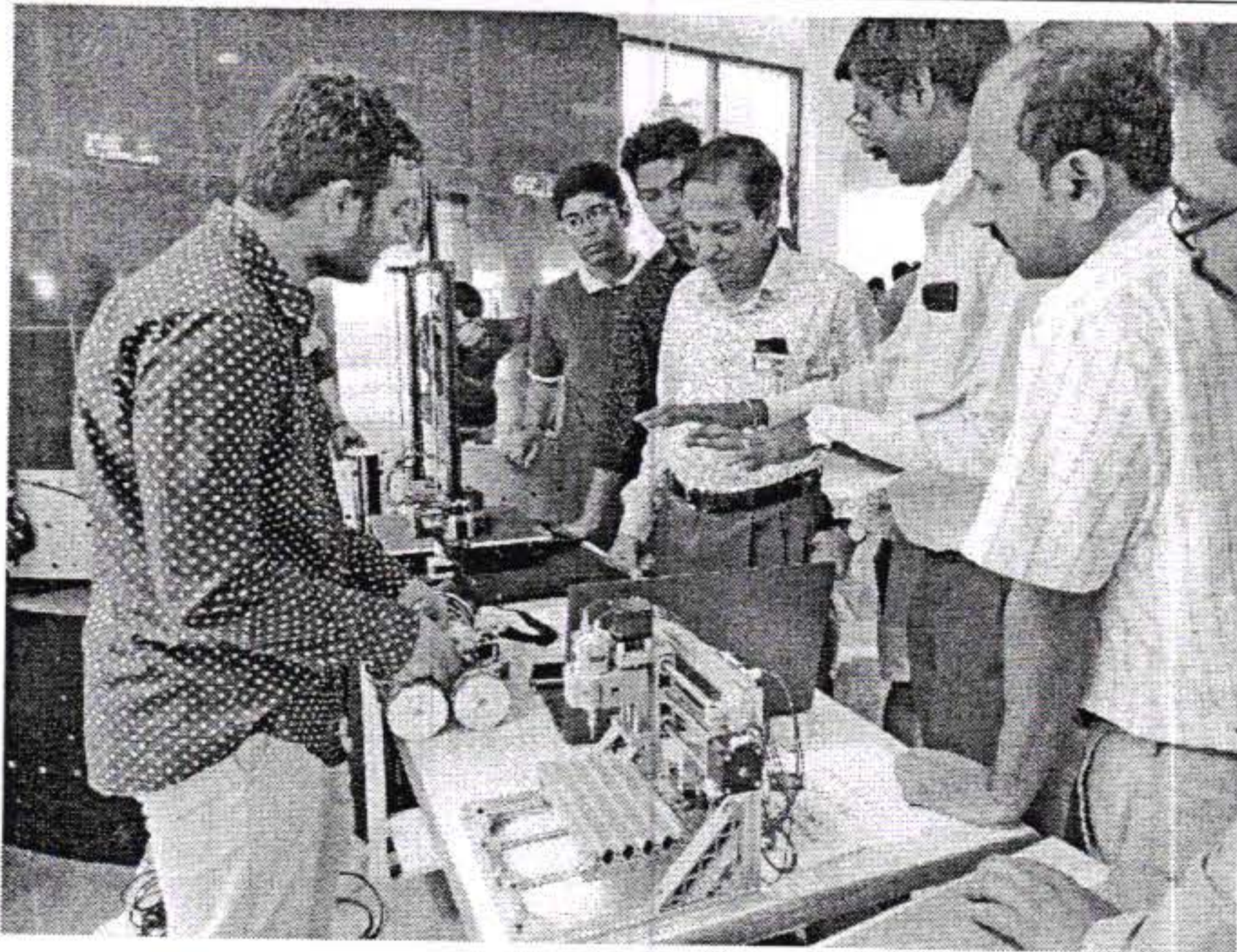
20) TECHNO-NIRMAN PHASE 2 (Innovative Students' Project Exhibition)

Date: 15th Aug 2019

Venue: Admin block, Central University of Karnataka

No: of Projects: 41

Brief: The students were given the chance to show their workmanship and get their own feedback loop for the works and engineering projects that they did by exhibiting the same at the administration section of the campus during republic day, the event was a gigantic success due to the sheer number of participants and an unprecedented 41 projects to be shown, the students irrespective of their year or semester mustered some ideas, put the pedal to the grindstone and crafted beautiful technical projects, these were seen and praised by students and faculties alike and the best ones were applauded



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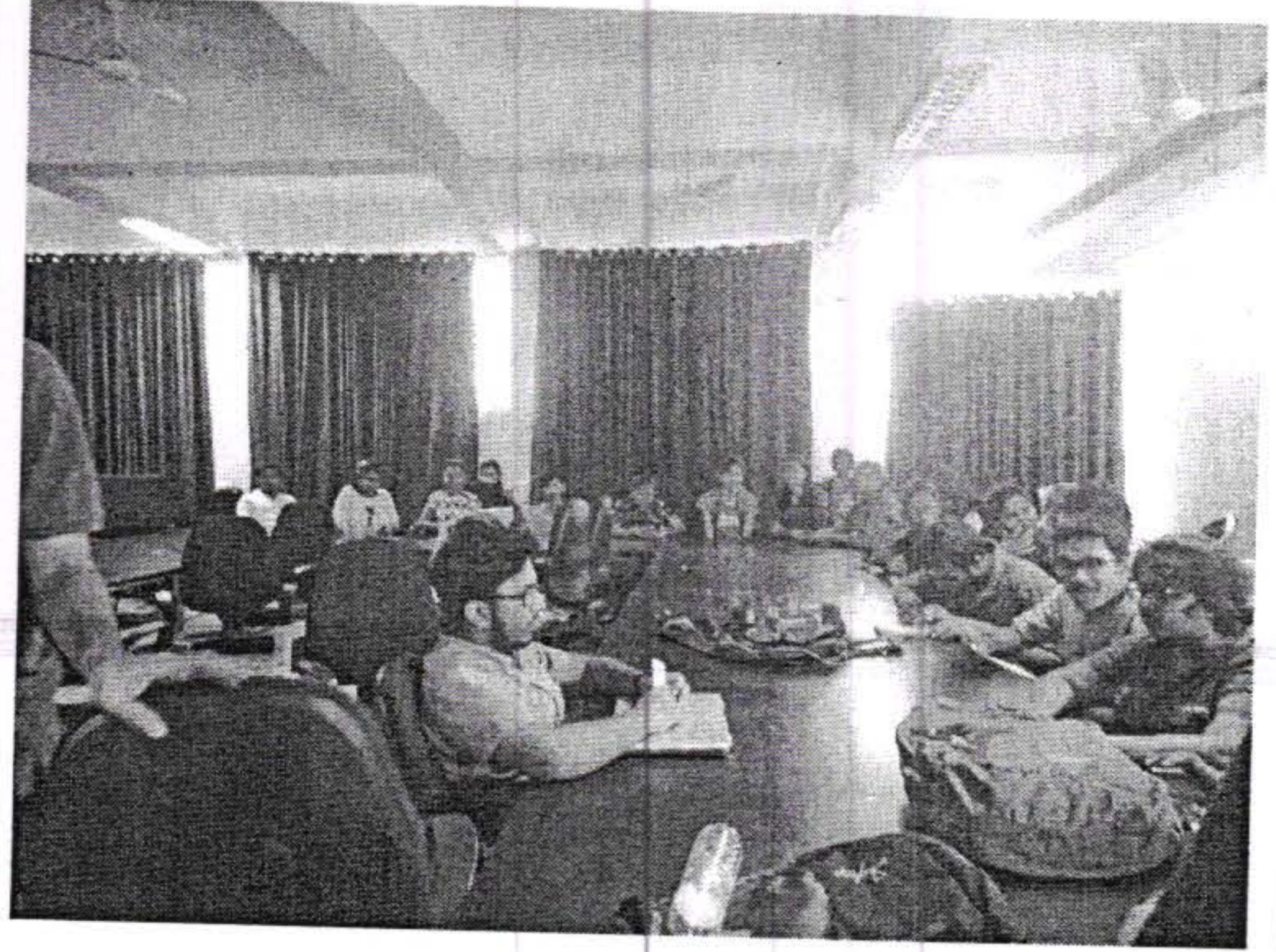


21) CORE EXECUTIVE MEETING -2

Date: 19th Aug 2019

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 15



Brief: The second set of core executive meeting was scheduled to plan the events for the next few months. The core meeting had, Branch office bearers and only core team members for the meeting. The meeting planned for better membership development and quality activities for coming months. The meeting also discussed about making students participate for BSSIP funding, SYLWC etc.

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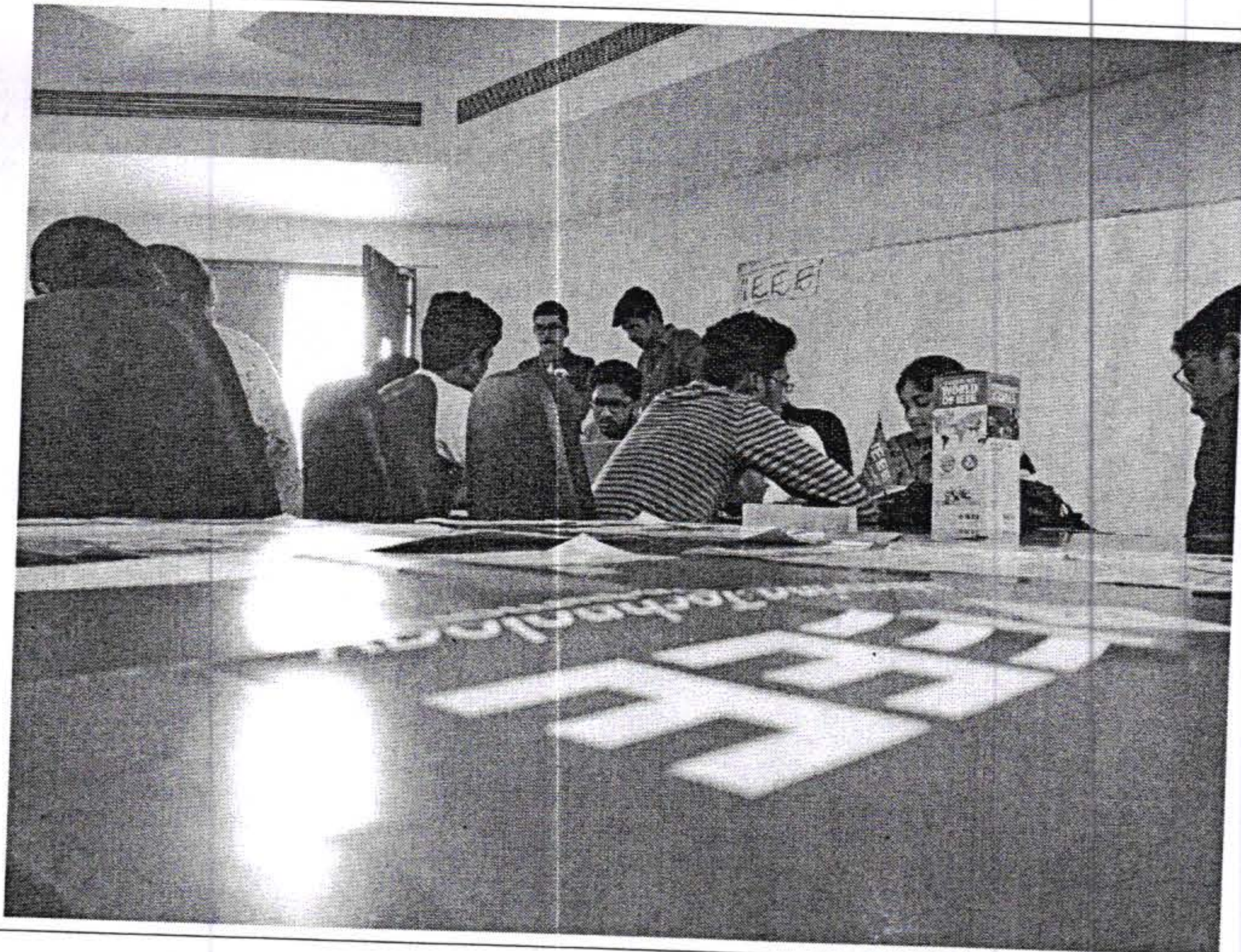
22) MEMBERSHIP DRIVE

Date: 20TH Aug 2019

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 33

Brief: IEEE student branch organised its very first membership drive of academic semester. 33 new student members joined IEEE as student member. The membership drive helped student branch reach 90+ student members mark.



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26) TEACHER'S DAY CELEBRATION

Date: 05TH Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 154

Brief: The day we pay tribute to the people who play a major role in shaping us and how we turn out to be. The teachers day was celebrated with grandeur this year, the event co-organized by IEEE consisted of many events and games and the teachers thoroughly enjoyed them, it was a real bonding experience where the teachers shared their experiences with us students and sang and danced, the students were dressed in ethnic wear and the celebrations lasted for the entire day where everyone went back with lifted spirits and a smile.



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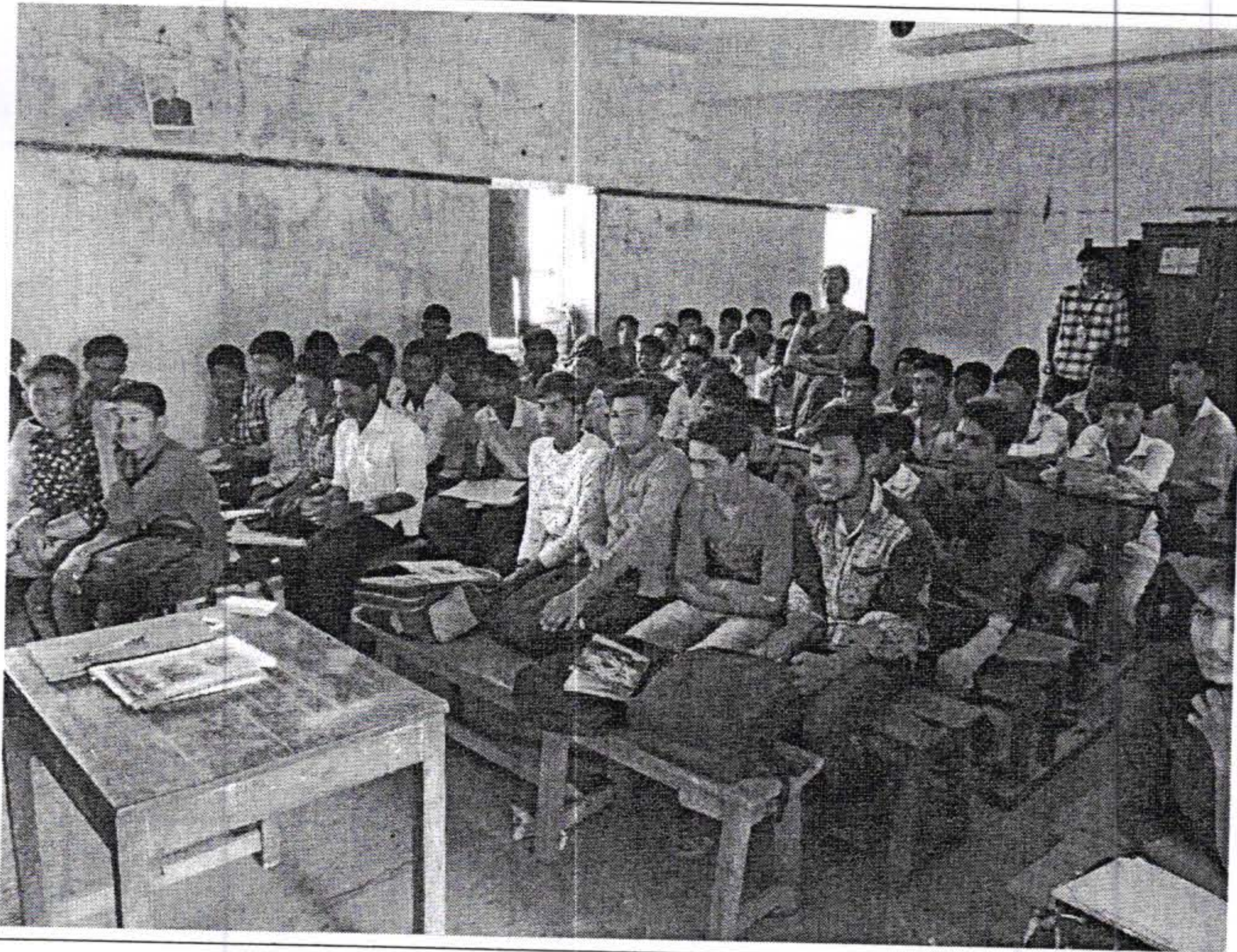
27) EDUCATIONAL AWARENESS

Date: 09TH Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 120

Brief: It is said that our duty is only complete when we try to put our best foot forward by uplifting more people along with us as we rise in power or as we drown in opportunities, the same fact was taken again into consideration while organising the event again in this semester. We had planned to go to the nearest school, Kadaganchi govt School and give some guidelines, awareness, and information to the students regarding their higher studies and the way to audit their own mindset and find what suits them in the long run, the event was extremely well received.





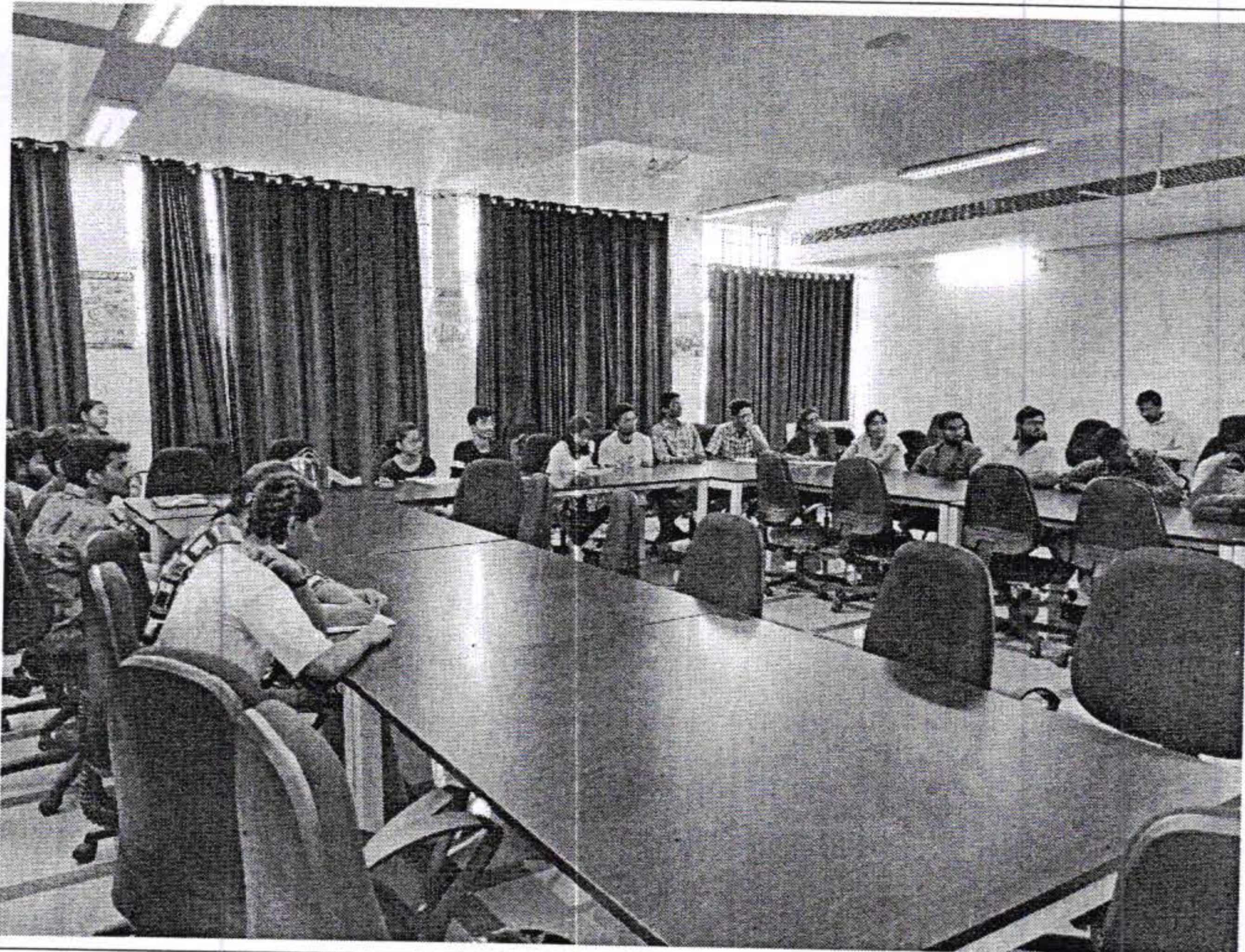
28) DEBATE ON ENGINEERS FOR A CHANGE

Date: 15th Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 40

Brief: On the occasion of engineer's day, IEEE SB CUK organised debate on engineers for a change. The students debated the change engineers are bringing in both in a positive and negative way to the society. Students discussed how important it is engineer for changing a society. The best teams were given prizes.



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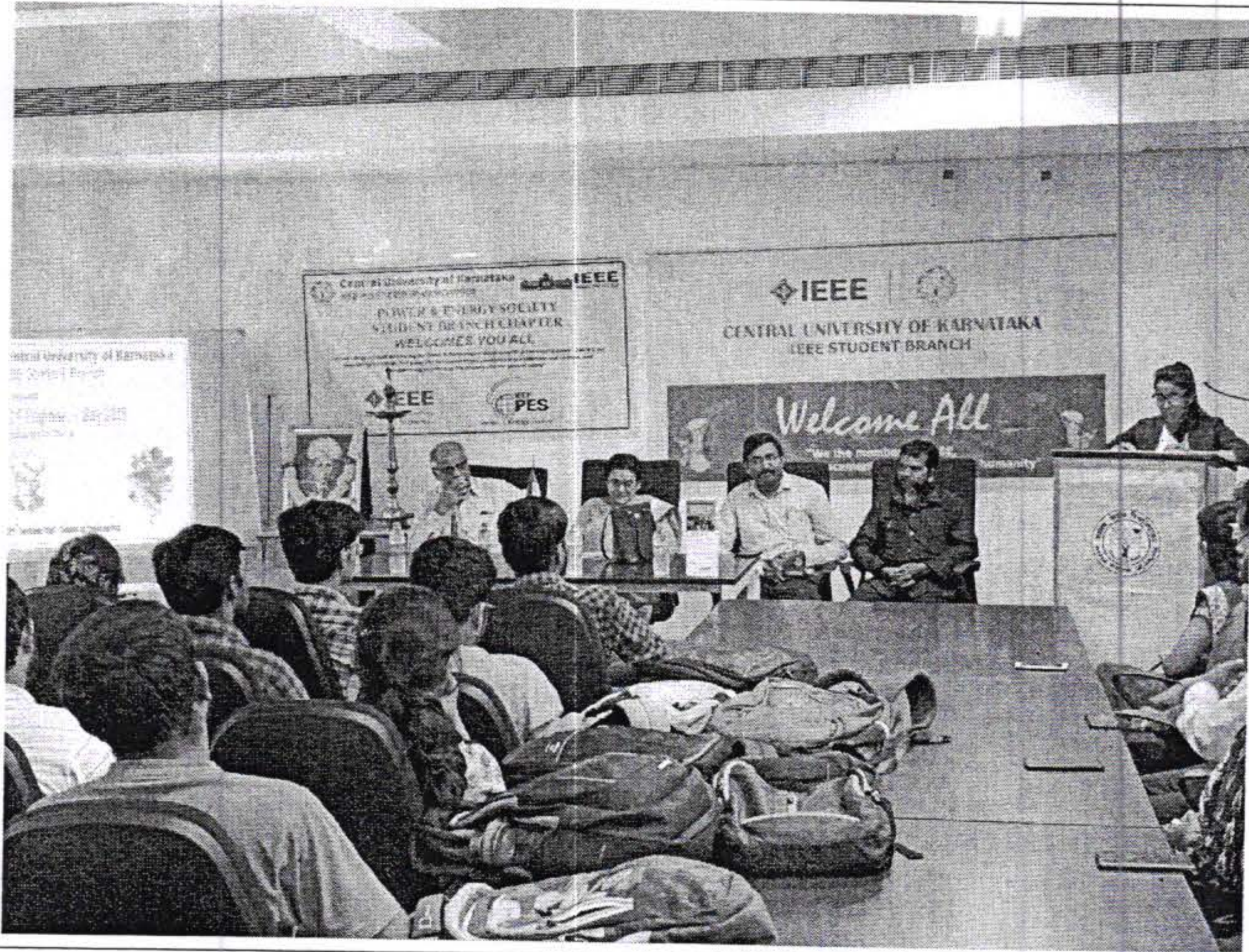
29) ENGINEERS DAY CELEBRATION

Date: 16th Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 85

Brief: The birthday of the engineering maestro who had designed India, Sir Mokshagundam Vishweshvaraya was celebrated with full-fledged coordination, enthusiasm and effort, never before had been the celebrations been so alive and coordinated within the university. Pro VC of CUK, Prof G R Naik attended the function and motivated students to make Vishweshvaraya as the role model.



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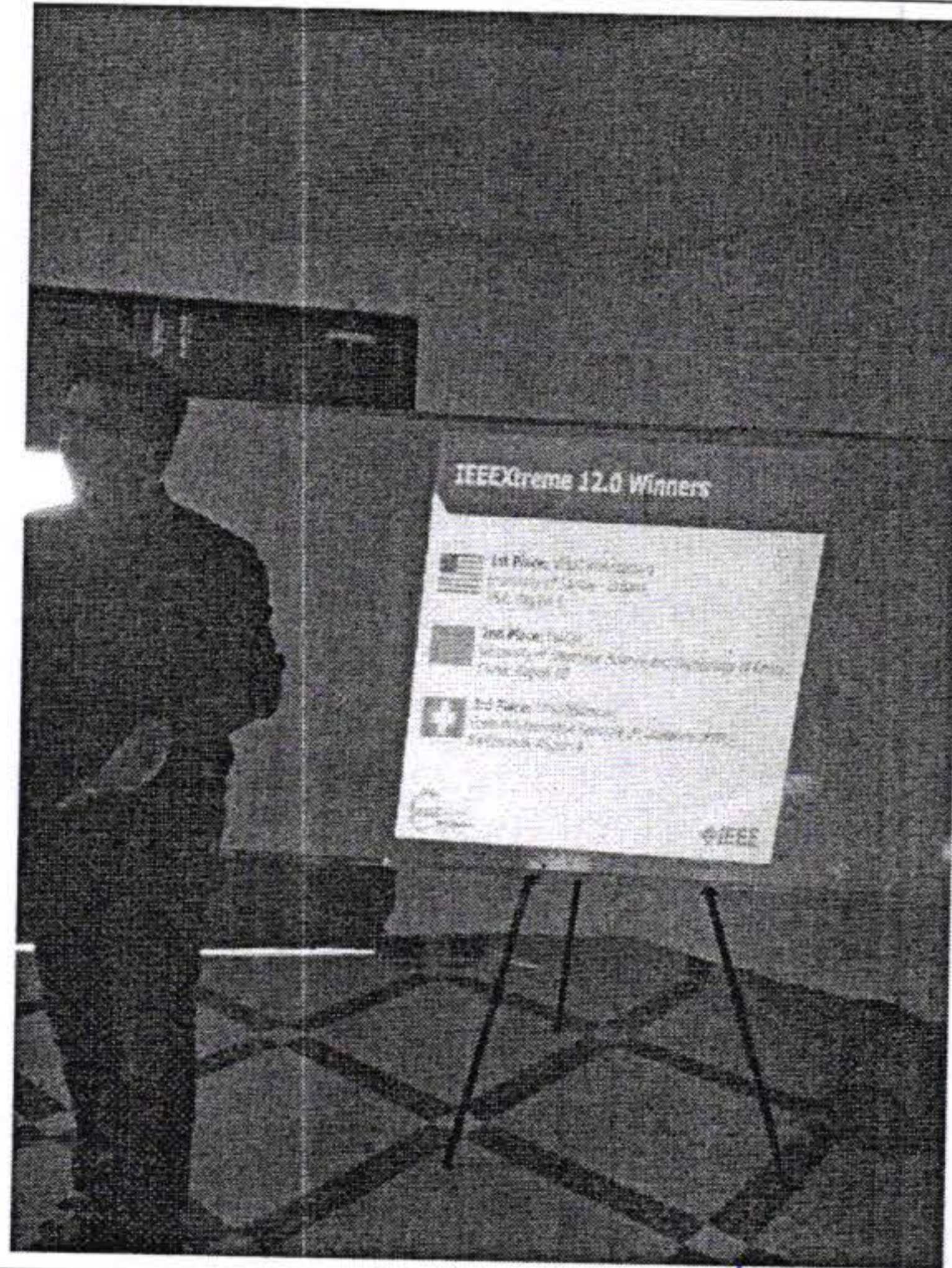
30) IEEEEXTREME AWARENESS PROGRAM

Date: 20th Sept 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 50

Brief: IEEEExtreme, IEEE's world's largest hackathon is something that all IEEE student members use to get a brief idea of their programming skills. It was necessary for any student branch to give its students the idea of IEEEExtreme and how it works. IEEE SB CUK ambassador representative of IEEEExtreme motivated students to participate in IEEEExtreme.



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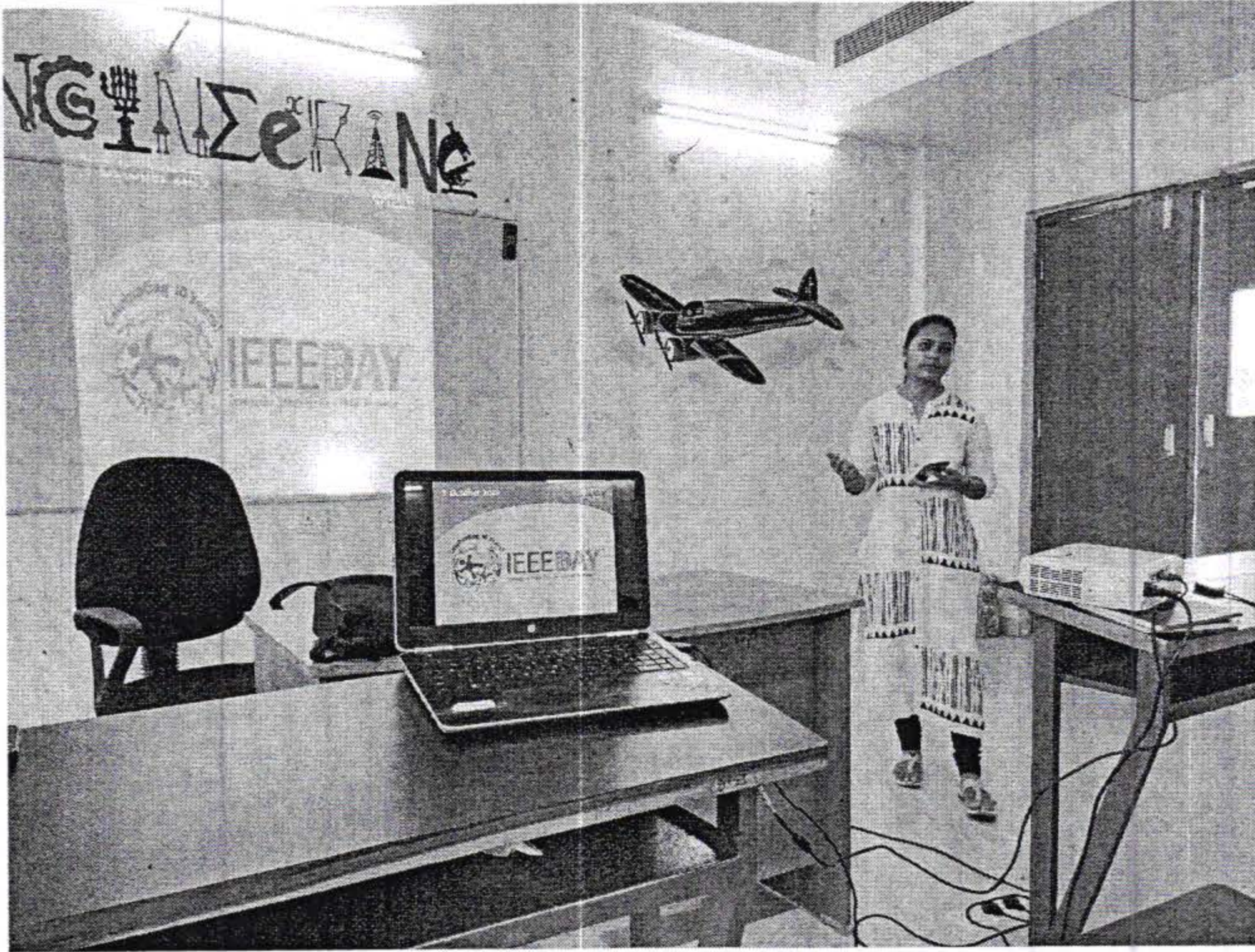
31) IEEE DAY CELEBRATION

Date: 01ST Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 55

Brief: On the occasion of the IEEE day, the students were rejoicing along with the rest of the world as to how much opportunities the IEEE has brought. The amazing organization has given so many wonderful changes and opportunities to be an amazing volunteer, an amazing leader or being an amazing team member and working within various team dynamics as a way of giving back to what this phenomenal organization has done to and for us. IEEE SB CUK conducted more than 5 events under IEEE Day.



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32) ONLINE QUIZ

Date: 01ST Oct 2019

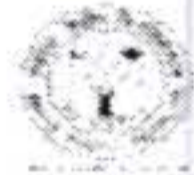
Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 230

Brief: IEEE student branch organised an online quiz for all the students from India. The quiz was open for both IEEE and non-IEEE members with zero registration fee. The topic of the quiz was Space science, quantitative and reasoning etc, on a total score of 200 marks where each question where assigned a definite make with no negative marking system. The quiz timing was from IST 4 pm to 6pm of 1st October 2019. The online quiz was a grand success where we received 200 submissions from all over India.



IEEE DAY
2019
Innovating. Collaborating. Learning. Better. Tomorrow.



Central University of Karnataka
IEEE Student Branch
presents



ONLINE OPEN QUIZ

Winners will be getting attractive prizes and all participants will be getting participation e-certificates

01 OCT 2k19
4:30 PM

APTITUDE & REASONING
SPACE SCIENCE

Quiz Link: <http://bit.ly/2nBdZSz>

for further info contact:
adwaitphm@gmail.com

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33) PLANTATION DRIVE

Date: 01st Oct 2019

Venue: School of engineering, Central University of Karnataka

No: of Participants: 45

Brief: IEEE SB CUK organised a plantation drive as a part of IEEE Day. Getting a shade for future IEEE meetings was the motto of the event. Office bearers and active student volunteers along with teachers of student branch planted a tree sapling each.



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कर्नाटक केन्द्र
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Central University of Karnataka



34) INNOVATIVE IDEAS SUBMISSION

Date: 01ST Oct 2019

Venue: Online event.

No: of Participants: 21

Brief: This Programme was developed as a part of engaging with students at very different levels ranging from completely offline to completely online, this particular program was completely online-based, where developed drafts of ideas of various students from various colleges and the ideas are revisited, roughly and grossly evaluated, then taken under evaluation to whether they should be put in as an idea under the incubation cell as to make it fruition to reality , the event was acclaimed for its diverse range and the participation involved in it



IEEE DAY
Celebrating 70 Years
Encouraging Technology for a Better Tomorrow



Central University of Karnataka
IEEE Student Branch
presents

**ONLINE INNOVATIVE
IDEA SUBMISSION**

Submissions should be made
before 01 OCT 3 PM

Best ideas will be given attractive
prizes and all participants will be
getting e-certificates

Submit the idea to the given link
<https://site.ieee.org/sb-cuk/registration>

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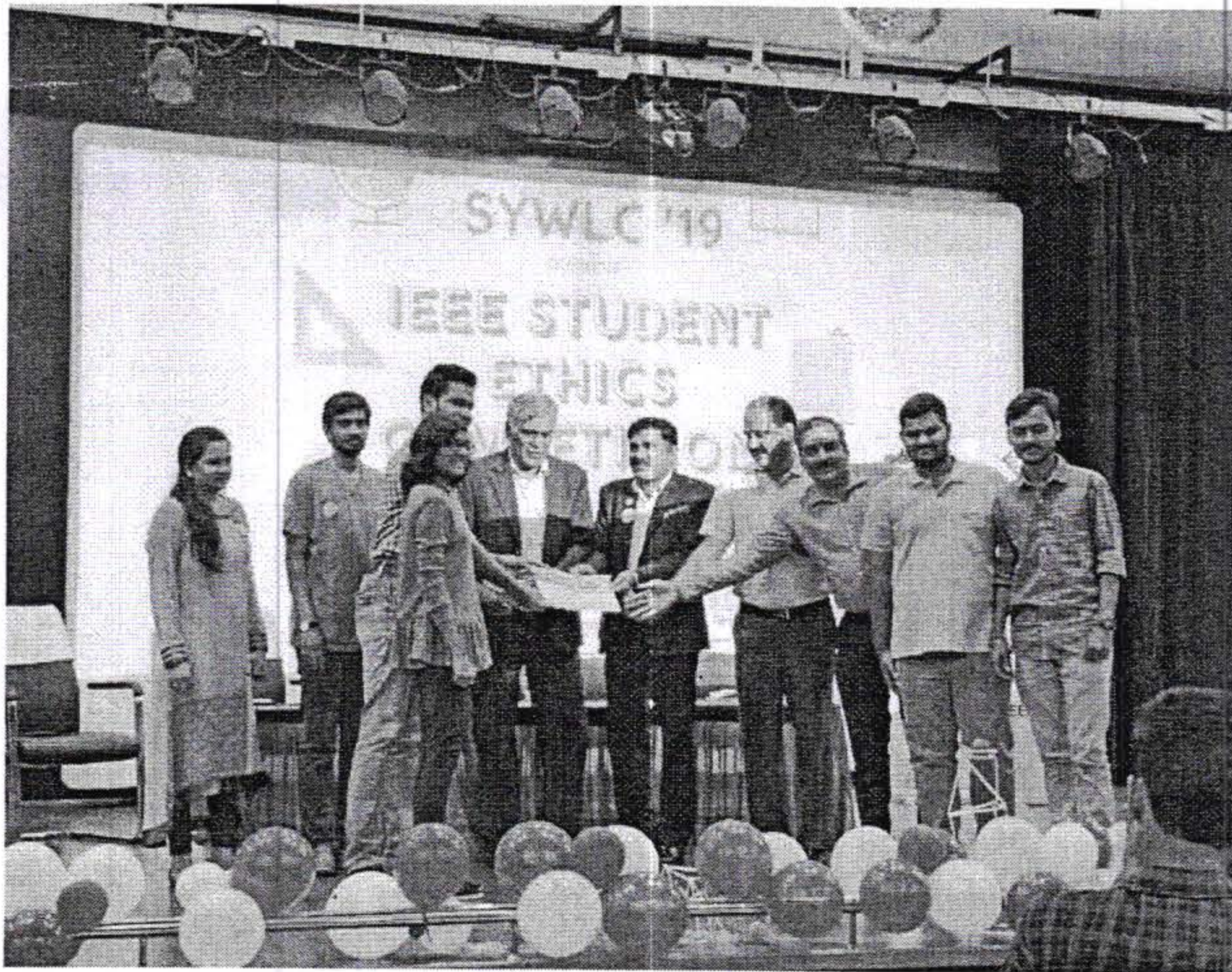
35) ETHICS COMPETITION SCREENING

Date: 06TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 15

Brief: This event was in preparation for the ethics competition to be held at the SYWC at BITM, the screening included various analysis of the rendered topics and grooming the presenters towards making more powerful key points, the event was a preparatory phase in deciding the students from a well prepared and competent 15 students to the most dynamic 4, the event was held for the first time and without a doubt proved to be a grand success because the team of 4 successfully bagged the 1st price, it was a moment of great pride and happiness for the branch.



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Dept. of Electronics & Communication Engineering
एन.ए.के.ए.के. विश्वविद्यालय/Central University of Karnataka
बंगलूरु, कर्नाटक/ Bangalore, Karnataka-560 085



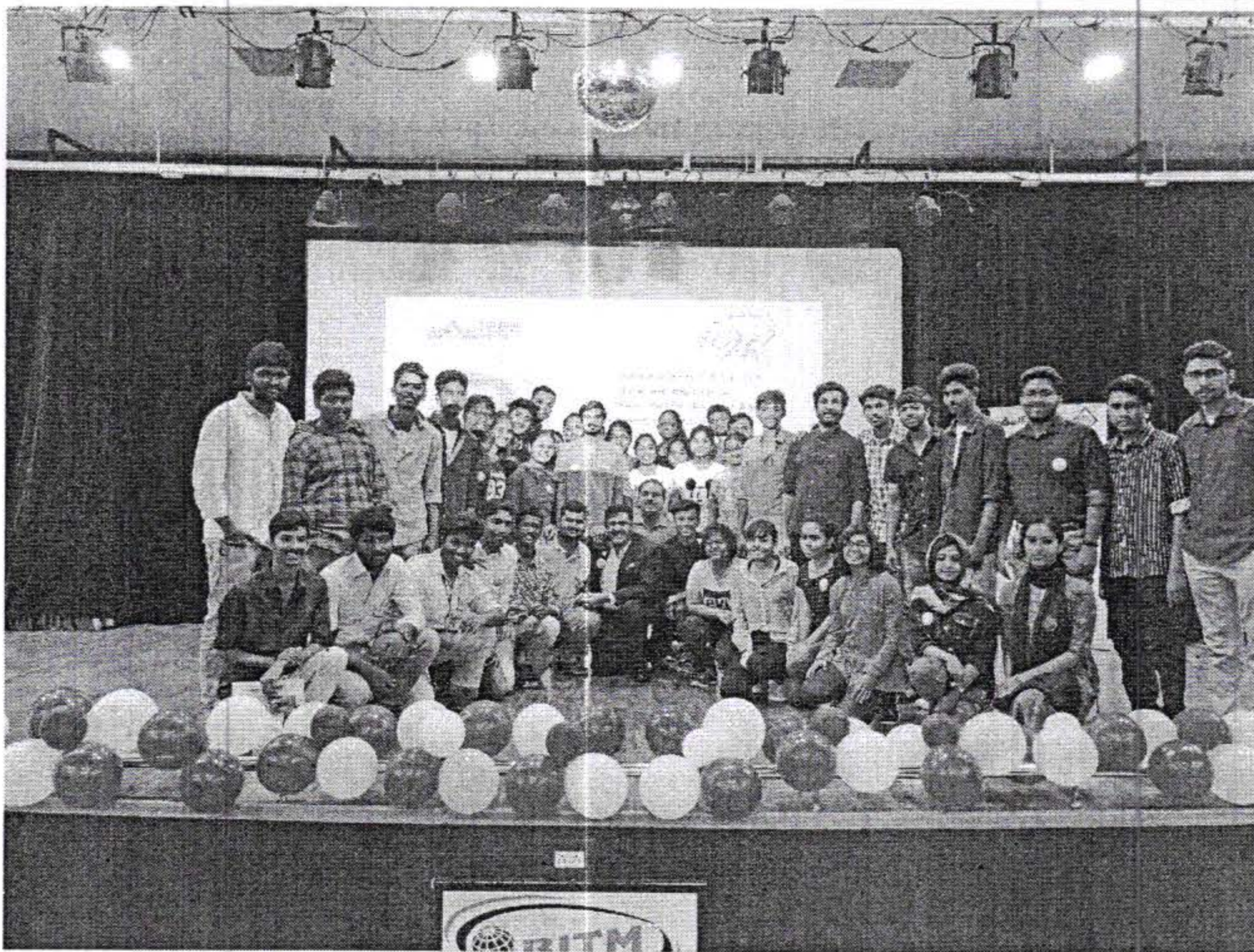
36) SYWLC 2019

Date: 11TH Oct – 13TH Oct 2019

Venue: BITM, Bellary

No: of Participants: 48

Brief: The SYWLC held at BITM Bellari was packed by 48 of our own students, the strength of CUK as a whole was demonstrated during the 2-day event where the students bagged the prizes for ethics competition and the team-building exercises. A total of 48 students participated in SYWLC from IEEE SB CUK making it the largest participation from any student branch from Bangalore section. The student branch also got an opportunity to speak about its growth and the tactics it used to get such a increase in memberships. The student members were benefited with many quality talks and other informative sessions.



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Dept. of Electronics & Communication Engineering
एनोटेक केन्द्रीय विश्वविद्यालय, Central University of Karnataka
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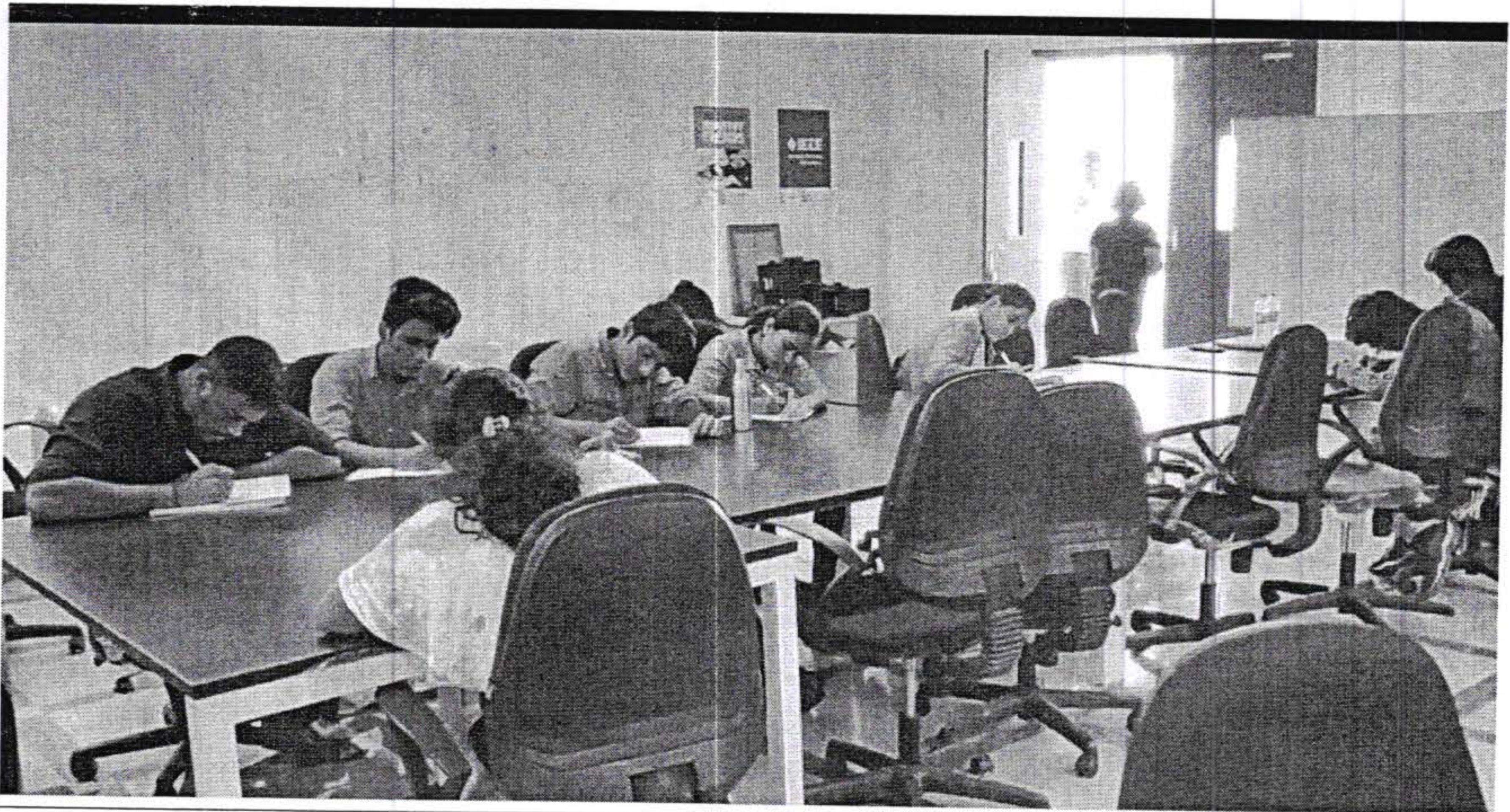
37) ESSAY WRITING COMPETITION

Date: 15TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 25

Brief: This Competition was one to bring the creative side of the students, the featured topic of the essay was the vision that Abdul Kalam had, the students that turned out for the program wrote marvellous and descriptive accounts of how the Missile man's vision touched them and then describes the ways through which how his vision can be made to fruition, the essays pinned where very thoughtful and a statement on how some of Kalam's thought process' and vision have been ingrained to an effective extent in the youth .



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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय, कदागंचि, कलहुरगी-585 367
Karnatak Central University of Karnataka
Kadaganchi, Kalahuragi-585 367

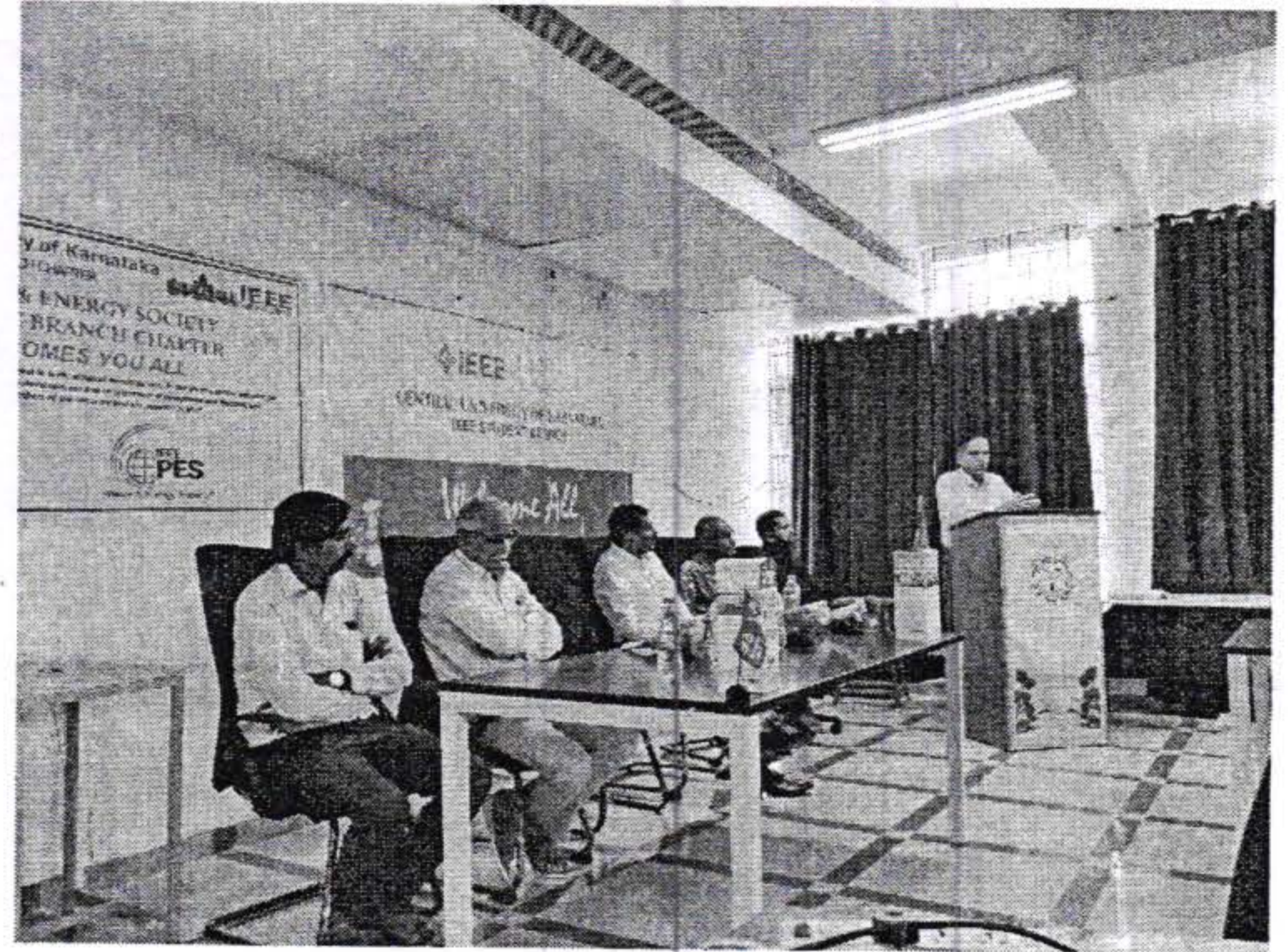


38) APJ ABDUL KALAM JAYANTI

Date: 15TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants:



Brief: The honorable VC, Shri. HM Maheshwariah and the honorable pro VC, Prof. GR Naik, delivered a powerful lecture on what India meant to Kalam and seeing first hand, the process of turning nothing into something as Kalam demonstrated throughout his illustrious career, they talked about working with the man who taught India how to dream, and how his methodical and wonderful approach to life played a pivotal role in cultivating the India that we know and love today, he spilled the beans on some things the great Abdul Kalam did to keep his goals and ambitions and the work required for it in perspective, the lecture was an amazing experience that shed a lot of light on even the World's best people's attitude towards grit, resilience and Hard Work.

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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
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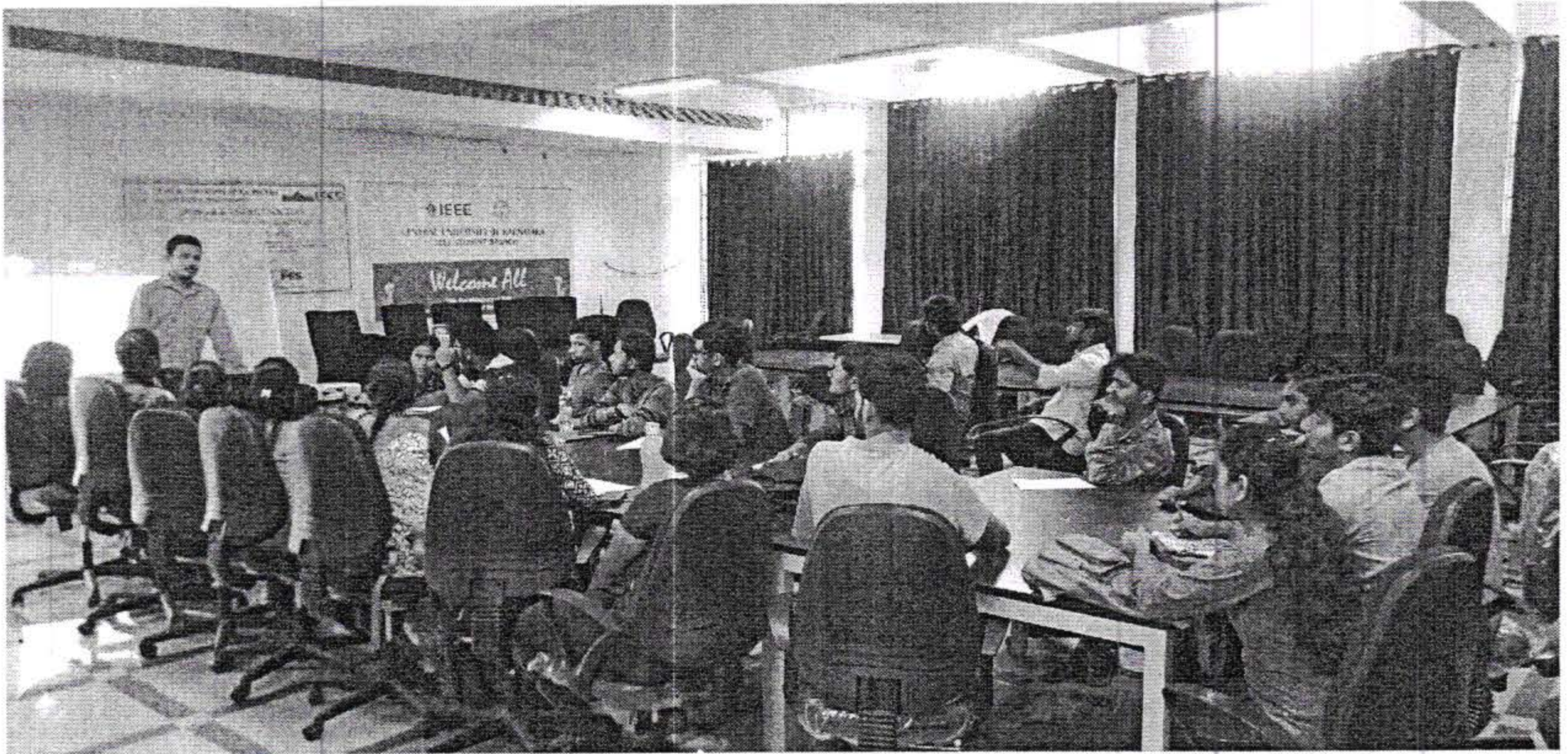
39) WHEEBOX WORKSHOP

Date: 17TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 28

Brief: The Workshop was organized as a hefty initiative to introduce the students to the modern technicalities of securing jobs and the diverse methods of securing candidates for high demanding jobs, the workshop opened the student's eyes to the various degrees of cognition and aptitude skills required to understand the modern landscape of approaching newer jobs that demand more than just the qualifications on record. The session was praised for its application and depth and was asked to return for further workshops and elaboration on the same.



अध्यक्ष / HEAD

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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि, कलबुर्गी / Kadaganchi, Kalaburagi-585 397



40) IEEEXTREME 13.0

Date: 19TH Oct 2019

Venue: Simulation lab, School of Engineering, Central University of Karnataka.

No: of Participants: 45

Brief: The coveted IEEEExtreme event is without a doubt one of the most versatile events the organization has to offer, the 24 hr spanning juggernaut event is one that asks for the best foot forward, the event is held the second time in the Central University of Karnataka, this time amassing more acclaim and participation from many, the event garnered further attention and proved a point on the motivation and vision behind the running of the engineering department as a whole and the relentless execution of various ideas that are alien and new to various students. The event was completed wholeheartedly and the participants yearning for it to return.



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इलेक्ट्रॉनिक्स और अभियांत्रिकी विभाग
Dept. of Electronics and Communication Engineering
कर्नाटक केन्द्रीय विश्वाविद्यालय Central University of Karnataka
कडगंचि, कलबुरगी / Kadaganchi, Kalaburagi-585 367



41) WORKSHOP ON LEARNING HOW TO LEARN

Date: 25TH Oct 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants:



Brief: The concept of learning and the dynamics of the learner's mind have always been an intriguing topic to step foot on, the depth of the topic can be astounding and complex in nature at the same time, the cognition and the thought process of the learner can be identified and modulated using time tested strategies that can bring out the best in the learner, the key takeaway from the discussion was that learning ability is not fixed, but has a huge degree of plasticity to it as a whole, the way the brain forms links and more synapses are input determined and the way the input is given, which is usually habitual and a change of habit and practices as little bit a day, can show a huge change in a person's learning curve, the Workshop proved to be deeply profound and insightful to the students.



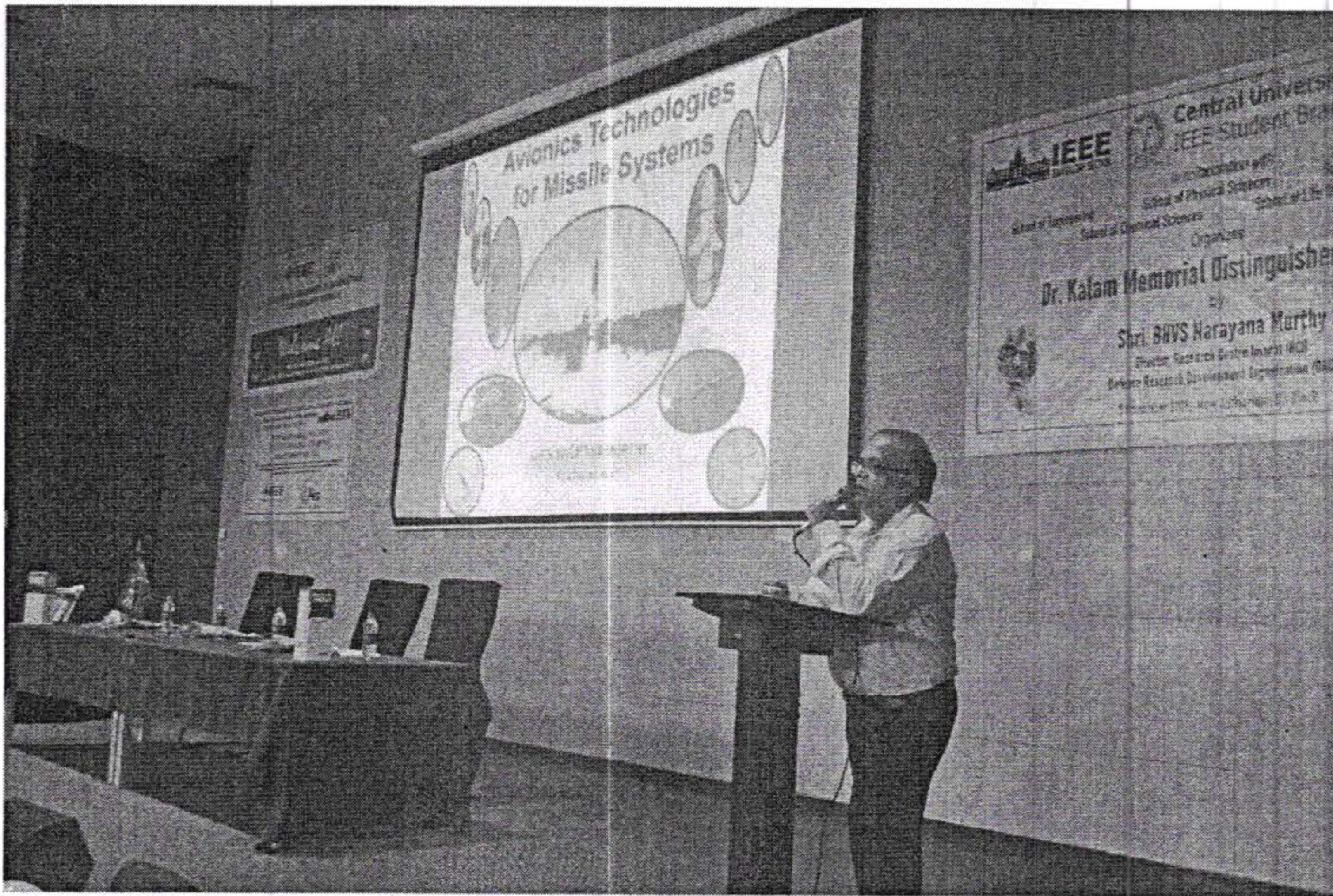
42) **ABDUL KALAM MEMORIAL LECTURE BY BHVS NARAYANA MURTHY,
DIRECTOR RCI, DRDO**

Date: 5TH Nov 2019

Venue: Auditorium, near business department, Central University of Karnataka.

No: of Participants: 250

Brief: It was one of the memorable events of IEEE SB CUK. Mr. BHVS Narayana Murthy, Director RCI, DRDO visited student branch for his Abdul Kalam Memorial Lecture. He talked about various technological developments in defence sector of India. He explained different parts and stages of development of missiles and also made us familiar with new missiles developed in his research station. The event registered highest participation ever in an event organised by our student branch.



अध्यक्ष / HEAD

इलेक्ट्रॉनिक्स और मंचार अभियंत्रिकी विभाग
Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय/Central University of Karnataka
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43) BUSINESS INCUBATION/ START UP OUTREACH PROGRAM

Date: 7TH Nov 2019

Venue: Seminar Hall, First floor, School of Engineering, Central University of Karnataka.

No: of Participants: 82

Brief: The process of being a job maker rather than a job seeker is one that requires great personal sacrifice and a tedious amount of internal courage, a deep work ethic, laser-sharp focus and an aptitude to sharp and reboot one's skill set as time moves on. So, The cultivation of an entrepreneurial spirit is one with the same hardness infused it to it just as having it, because of the inherent risk and the complexities associated with it, the start-up outreach program was one introduced with the idea to foster and create more spirit for entrepreneurship, it involved heavy participation and was praised by teachers, participants and the volunteers alike.



अध्यक्ष / HEAD

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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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CENTRAL UNIVERSITY OF KARNATAKA

Central University of Karnataka

(Established by an Act of the Parliament in 2009)

School of Engineering

Dept.: SOE (All Depts.)

Webinar/Cloud Computing

Webinar Report

2020-21 (Odd Semester)

Date: 24.07.2020

Webinar Report

The webinar on Recent trends on Cloud computing was organized on 23rd July 2020 by School of Engineering. The participants from different disciplines, organization and states took part in the very first webinar in the webinar series of school of engineering. Mr. Praveen Kumar Eklare, Technology Analyst from Infosys Ltd. Hyderabad, India was the speaker. The event started at 11.15 AM with welcoming the dignitaries, faculty, students and participants by Dr Sangamesh R. The Dean and Head of School of Engineering, Dr Veeresh G Kasabegouder briefed about school, webinar and welcomed the dignitaries and the participants.

The honorable Vice Chancellor Prof. Maheshwaraih, Pro. Vice Chancellor Prof. G R Naik. And registrar Prof Mushtaq Ahemad I Patel addressed the gathering with their motivational and inspiring words.

Dr Santhosha Kumar A. introduced the resource person briefly. The session started with introduction of cloud computing followed by various applications, the speaker explained the different options and advantages of cloud computing. The AWS platform was demonstrated briefly.

The talk was concluded with the interaction with the participants in the form of questioners and solutions.

The event was summed up by Dr. Apeksha M. with vote of thank.

Coordinators:

Dr. Sangamesh Rajole
Dr. Santhosha Kumar A.
Dr. Apeksha Madhukar

Dean/HOD School of Engg.

अध्यक्ष / HEAD

इलेक्ट्रॉनिक्स और संचार अभियांत्रिकी विभाग
Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि, कलबुरगी / Kadaganchi, Kalaburagi-585 367

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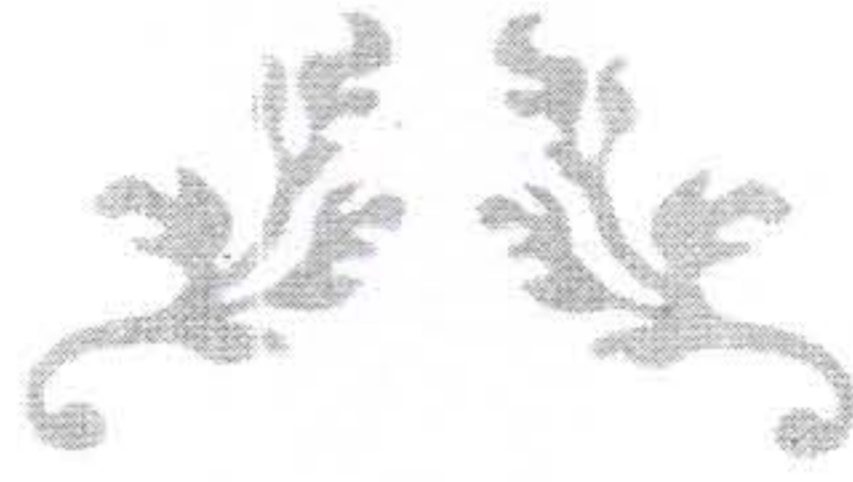
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 Dept. of Electronics and Computer Engineering
 ಕರ್ನಾಟಕ ಕೇಂದ್ರೀಯ ವಿಶ್ವವಿದ್ಯಾನಿಲಯ
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Timestamp	Email Address	Participant Name (Upper	Designation	Department	University/College/Institut	Mobile Number	I hereby declare that the details furnished above are true and correct to the best of my knowledge
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7/23/2020 10:46:54	baburao.kulkarni@gmail.c	BABURAO KULKARNI	Assistant Professor	LAW	BLDE ASSOCIATION'S L	9663303339	Declaration
7/23/2020 11:27:38	rkulkarni808@gmail.com	Rishikesh Kulkarni	Student	Electrical Engineering	Central University of Karn	09482503383	Declaration
7/23/2020 11:37:17	mahendar1961@gmail.cc	MAHENDRA BABU G	Retired...	Chemical company	ICI India ltd	9176065315	Declaration
7/23/2020 13:04:18	kalnoor.gauri@gmail.com	GAURI KALNOOR	Research Scholar	Computer Science and Ei	BMS College of Engineer	9449975078	Declaration
7/23/2020 18:02:01	jayprakashdoni1@gmail.c	Jayprakash	Student	Mechanical	KLECET	09060509703	Declaration
7/23/2020 18:03:23	chetangavanali@gmail.cc	Chetan	Student	Mechanical	SGBIT	9449441490	Declaration
7/24/2020 14:37:28	alonestarsam@gmail.com	MARIYA SAMSAN FRAD	Assistant professor	Law	Sri kengal hanumathaiya	8951133142	Declaration

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 Kalaburagi-585 367
 09482503383

Timestamp	Name	Designation	Organisations Name	Contact No.	How did you get the info	Rate the relevance of the In which topic you wish to	What you like most about	What you don't like about	Rate the overall flow of W	Any special comment/suggestion on webinar
7/23/2020 13:59:57	Dr. Krupa Rasane	Professor	JAIN COLLEGE OF ENGR	09341107810	Through Email	4	IOT and cCloud interfacing	It was very uninformative at Time constraint	4	well conducted
7/23/2020 14:03:50	Vikram Koti Mouya Vang	Student	Central University of Karn	9398574783	Through Whats app	4	Ethical Hacking	Organisation of the webin Nothing significant.	3	
7/23/2020 14:04:19	bs.sushma@jainuniversity	Assistant professor	Jain university	9686196995	Through Whats app	5	Machine learning, deep le	Resource person choice Begning we were not allo	4	
7/23/2020 14:04:56	Shanlanu B S	Student	RV College of Engineerin	9731841552	Other Media	4	Cybersecurity	About the in depth concep The commencement of th	3	Make sure the speaker is ready with audio and connection.
7/23/2020 14:09:58	CHAITRA B	Research Scholar	REVA University, Bangal	9980593431	Through Whats app	4	Network security	Concepts on cloud and if: No comments	5	Informative session, thanks of organizing committee
7/23/2020 14:11:01	Mr. PRAVEEN KUMAR D	Student	B M S INSTITUTE OF TE	9148820795	Other Media	5	Full	Whole Webinar	5	No
7/23/2020 14:13:33	L. Sri Ramachandra	Assistant Professor	Government Engineering	9900197569	Through Whats app	4	cryptography, software de	nice presentation Nothing	4	No
7/23/2020 14:17:18	Sharmila R S	Associate Professor	Don Bosco Institute of Te	9448957472	By friend's Recommendat	4	Nothing specific	A generic understanding i Presentation	4	
7/23/2020 14:28:41	Rama Devi Odugu	Professor	LAKIREDDY BALIREDDY	9160280781	Through Email	3	Machine learning	Good Nothing	4	
7/23/2020 14:31:10	Dr. Anant D. Chinchure	Assistant Professor	Central University of Karn	9449310837	Through Email	5	Crypto currencies and Blc	Informative Login	4	
7/23/2020 14:35:38	RAVI PRAKASH TEVAR	Professor	MOTILAL NEHRU NATIO	09450603682	Through Whats app	4	Robotics	Overall Very Good Nothing	4	No
7/23/2020 14:49:40	SESHAM ANAND	Professor	MVSR Engineering Colle	9912041480	Through Whats app	4	Deep learning	Excellent presentation Time not enough	4	
7/23/2020 14:53:08	SUBHJJA E N	Asst professor	Government Engineering	9446733314	Through Whats app	4	Deep learning	Cloud network Nothing	4	
7/23/2020 14:59:24	Ravikumar K N	Research Scholar	NITK Surathkal	9844620044	Through Whats app	3	Industrial IoT, Machine lei	It was informative sessior it was well planned and e	3	
7/23/2020 15:26:11	Sukanya Gaikwad	Research Scholar	Gulbarga University	+917975997664	By friend's Recommendat	4	Deep learning with pythor	Speaker was good in are: All was good, Compared i	4	Would like to see many such webinars in the comin months, Good effort from the organising end to prepare such webinar in this pandemic.
7/23/2020 15:54:33	Asumta Das	Student	Asansol engineering colle	8617012945	Through Email	3	Machine learning, Data s	The webinar delivered wa I was having problem in k	3	
7/23/2020 16:38:58	shivashankar	asst prof	nit manipal	9986906205	Through Whats app	5	AWS	CLOUD SYSTEM INTERNET CONNECTIO	5	
7/23/2020 16:41:52	Dr. PRAKRUTHI A R	Assistant Professor of La	Vidyaardhaka Law colle	8073833893	Through Whats app	4	JPR	Resouce person are wel; Nothing everything was s	5	Very informative and interesting sessions
7/23/2020 16:45:56	Anu D	Assistant professor	Ewit BENGALURU	9620168977	Through Whats app	4	AI	Presentation Good	5	
7/23/2020 16:47:59	Dr. ARAVINDA H. T	Assistant Professor	Vaiveswataputra College o	9448825850	By friend's Recommendat	5	Similar topic	Topics Information provided	5	Well organized
7/23/2020 16:59:21	Sowmya K	asst professor	school of law, university o	9964199375	Through Email	4	Cyber attacks, IT related	Good initiation nil	4	
7/23/2020 18:04:13	Ambika B J	Assistant Professor	REVA University	9845571794	Through Whats app	5	Advanced cloud computin	Presentation of the topic \ NA	5	No comments
7/23/2020 18:04:34	Mi 2	Assistant professor	Holy mary institute of tect	9738943510	Through Email	5	IoT	I gan knowledge of cloud Nothing	5	No
7/23/2020 19:44:14	Dr M Vijay	Senior Assistant Profess	Madanapalle Institute of T	9844667126	Through Email	3	Virtualisation	It is very interesting to knz NA	4	NA
7/24/2020 10:33:44	NANDA M B	Assistant professor	Sapthagiri College of Eng	09886888121	Through Whats app	4	Machine learning	All Nil	4	
7/24/2020 19:36:40	Chaitra M H	Assistant professor	REVA University	9945405717	Through Whats app	5	Cloud security	Its was good, useful and i Nil	5	Nil
7/24/2020 23:45:18	KRISHNAKANTH G	Assistant Professor	SRK Institute of Technolo	8300240120	Through Email	3	humidification	moisture is a function of a moisture is a function of a	4	intellectual property need to be refined
7/25/2020 11:51:06	Vindhya G B	Assistant Professor	Sapthagiri College of Eng	8861778989	Through Email	5	Regarding how get starte	Very effective data was di Nothing	5	
7/25/2020 12:08:13	Chandrani Chakravorty	Assistant Professor	RV College of Engineerin	8904024234	Through Email	5	Adavance version of Cloud Advance	Concept of Cloi Demo on AWS	5	

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 इलेक्ट्रॉनिक्स और संचार अभियंता विभाग
 Dept. of Electronics & Communication Engineering
 कर्नाटक केंद्रीय विश्वविद्यालय / Central University of Karnataka
 कडवुरंगी, कडवुरंगी / Kadavuragi, Kalaburagi-585 367



ANNUAL REPORT: IEEE STUDENT BRANCH CUK:2018



2018-19



Central University of Karnataka
IEEE Student Branch



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ANNUAL REPORT

STUDENT BRANCH NAME: CENTRAL UNIVERSITY OF KARNATAKA

STUDENT BRANCH CODE: 14017

SECTION: BANGALORE

REGION: REGION 10- ASIA PACIFIC

STUDENT BRANCH ADDRESS:

IEEE STUDENT BRANCH CUK, SCHOOL OF ENGINEERING,
CENTRAL UNIVERSITY OF KARNATAKA, KADAGANCHI, ALAND ROAD, GULBARGA,
KARNATAKA, INDIA.

BRANCH CHAIRPERSON: RISHIKESH KULKARNI

BRANCH COUNSELOR: DR. SANDEEP V

DATE OF INAUGURATION OF STUDENT BRANCH: 30TH AUGUST 2018.

TOTAL NO: OF MEMBERS: 63 STUDENT MEMBERS + 3 PROFESSIONAL MEMBERS. (as on 25th Oct 2018).

WEBSITE: sites.ieee.org/sb-cuk

BRIEF ABOUT CUK IEEE STUDENT BRANCH:

The IEEE Student branch of CUK was inaugurated on 30th August 2018. It has actively hosted 21 events in a span of just two months. It also has shown exponential growth in the IEEE student memberships, the student branch which was started with 17 IEEE student members now has a strength of 63 student members and 3 professional members. The branch also has its own monthly magazine namely '**TARANG**' which had its digital launch on 15th Oct, which is available in our website. The student branch also promotes students to come up with innovative projects which are all updated in our website. All the events happening in our Website is also updated as blog in our website by our documentation team.

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इलेक्ट्रॉनिक्स और मंचार अभियांत्रिकी विभाग
Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
कडगंची, कलबुर्गी / Kadaganchi, Kalaburagi-585 367



EVENTS SHEET:

EVENT TYPE	EVENTS	TOTAL NO:
MEMBERSHIP DRIVES	1)MEMBERSHIP DRIVE 1 2)MEMBERSHIP DRIVE FOR RENEWAL	2
TALKS	1)TALK BY DR. SURENDER REDDY. 2)TALK BY PROF. S S MURTHY. 3)TALK BY DR. B SATHYANARAYANA. 4)TALK BY DR. RAJEEV JOSHI 5) TALK BY DR. RAHUL MANDAKNALLI. 5)APJ ABDUL KALAM MEMORIAL LECTURE BY DR. R R SONDE 6)TALK BY DR. AAQIB 7)TALK BY PROF. N R SHETTY.	8
TECHNICAL WORKSHOPS	1)WORKSHOP ON PYTHON PROGRAMMING SKILLS. 2)INTRODUCTION TO LABVIEW. 3)WORKSHOP BY AGILENT	3
TECHNICAL COMPETITIONS/HACKATHONS	1)'BLINK' – LED BLINKING COMPETITION BASED ON ARDUINO. 2)IEEEEXTREME12.0. 3)SMART QUIZ. 4)ONLINE QUIZ.	4
CREATIVE TECHNICAL EVENTS	1)POSTER PRESENTATION. 2)ESSAY WRITING 3)ORAL PRESENTATION	3
INDUSTRIAL VISITS	1)VISIT TO NTPC, KUDGI 2)VISIT TO SOLAR PARK	2
SOCIAL EVENTS AND OTHER CELEBRATIONS	1)TEACHERS DAY CELEBRATION. 2)ENGINEERS DAY CELEBRATION. 3)IEEE DAY CELEBRATION. 4)INTERACTIVE SESSION WITH INDUSTRY	4
TOTAL		26

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Dept. of Electronics & Communication Engineering

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कडगंचि, कलबुरगी



1) Distinguished lecture by DR. Surender Reddy

Topic: Integration of Renewable energy into Electrical Power systems.

Date: 20th Aug 2018

Brief: Dr. Surender Reddy came all the way from Woosong University, South Korea to our student branch to have our first event of IEEE student branch CUK. Dr. Reddy's special lecture will easily go down in our minds as one of the most interactive and informative lectures we had listened to. His thoughts on integrating Renewable energy to his core area of power systems was very profound and really thought provoking to us. From explaining concepts in his nuanced areas to simplifying it for us, Dr. Reddy's lecture was one that spanned across the various aspects of power systems ranging from distribution, reserving current and the systems, precautions, policies and methodologies that are taken by various nations and equating it with our own.

Venue: First year lecture hall, School of Engineering, Central University of Karnataka, Kadaganchi, Gulbarga.

No. of Participants: 51.

Expenses:

Link: <http://sites.ieee.org/sb-cuk/2018/08/19/integration-of-renewable-energy-into-electrical-power-systems-by-dr-surender-reddy/>



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इलेक्ट्रॉनिक्स और संचार अभियंत्रिकी विभाग
Dept. of Electronic and Communication Engineering
केन्द्रीय विश्वविद्यालय, कलाबुरगी / Kadaganchi, Kalaburagi-585 367
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2) MEMBERSHIP DRIVE:

DATE: 29TH AUG 2018

VENUE: Seminar Hall, School of Engineering, CUK.

No: of Participants:21

Brief: Student branch of CUK which started with just 17 students required a membership drive to increase the strength of the branch, this was made possible on 29th Aug 2018, which resulted in an increase of 21 student members.

EXPENSES: Nil

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कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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3) Distinguished Lecture by Prof. S S Murthy

TOPIC: Education, Excellence and Ethics

DATE: 30th Aug 2018

VENUE: Seminar hall, Admin Block, CUK

NO: OF PARTICIPANTS: 150+

BRIEF: It was our privilege to have Prof. S S Murthy, Life fellow IEEE, as our chief guest for the inauguration of our IEEE student branch. After the inauguration we had a talk by him. Prof. Murthy's scientific Excalibur is unparalleled and illustrious we were blown away by the talk because of his perception of life and simplicity, his personal philosophy and optimism.

LINK: <http://sites.ieee.org/sb-cuk/2018/08/30/talk-by-prof-ss-murthy/>

EXPENSES:



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4) DISTINGUISHED LECTURE BY DR. B SATHYANARAYANA

TOPIC: INO project: A Cradle of Detector and Instrumentation Developments

DATE: 30th Aug 2018

VENUE: Seminar hall, Admin Block, CUK

NO: OF PARTICIPANTS: 150+

BRIEF: It was also our proud privilege to have Dr. B Sathyanaraya, TIFR Mumbai, as our guest in our inauguration day of IEEE student branch . We had a talk by him on 'INO project: A Cradle of Detector and Instrumentation Developments' , which was very informative for all students. His talk showed the possibilities of being curious and intuitive and persevering in the journey of scientific discovery and going forth without fear when it comes to science and its disciplines.

EXPENSES:

LINK: <http://sites.ieee.org/sb-cuk/2018/08/31/talk-by-dr-b-sathyanarayana/>



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Dept. of Electronics and Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
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5) TEACHER'S DAY CELEBRATION

DATE: 05th sept 2018

VENUE: Seminar Hall, School of Engineering, CUK

NO: OF PARTICIPANTS: 100+

BRIEF: The day we pay tribute to the people who play a major role in shaping us and how we turn out to be. The teachers day was celebrated with grandeur this year, the event co-organized by IEEE consisted of many events and games and the teachers thoroughly enjoyed them, it was a real bonding experience where the teachers shared their experiences with us students and sang and danced, the students were dressed in ethnic wear and the celebrations lasted for the entire day where everyone went back with lifted spirits and a smile

EXPENSES:

LINK:



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Dept. of Electronic Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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6) POSTER PRESENTATION:

TOPIC: Digital Transformation

DATE: 05th sept 2018

VENUE: First year lecture hall, School of Engineering, CUK.

NO: OF PARTICIPANTS: 17

BRIEF: The event of poster presentation coordinated by IEEE student branch and had amazing participation from students. The theme of the presentation was 'Technology in teaching' and an array of amazing posters were created from such an interesting topic and the winners were chosen.

EXPENSES:

LINK:



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7) ENGINEER'S DAY CELEBRATION:

DATE: 17th Sept 2018

VENUE: Seminar Hall, School of Engineering, CUK.

BRIEF: The birthday of the engineering maestro who had designed India, Sir Mokshagundam Vishweshwaraya was celebrated with full-fledged coordination, enthusiasm and effort, never before had been the celebrations been so alive and coordinated within the university, this is the moment where we had realized that the student branch we have started with just 17(now at 61) will yield great fruition in the end. The celebrations went on for a week, the activities involved fostered people from even disciplines other than engineering, the event was embraced with positive comments because of the simple fact that this event was not rushed into just one day in regards to 15th September, but took time to be devised properly and bleed into various facets of engineering involving design thinking, problem-solving, solving creative problems and moreover becoming extremely concentrated and involved.

EXPENSES:

LINK:<http://sites.ieee.org/sb-cuk/2018/09/17/engineers-day-celebrations/>



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8) ESSAY WRITING COMPETITION:

TOPIC: Pros and Cons of Digitalisation.

DATE: 19th Sept 2018

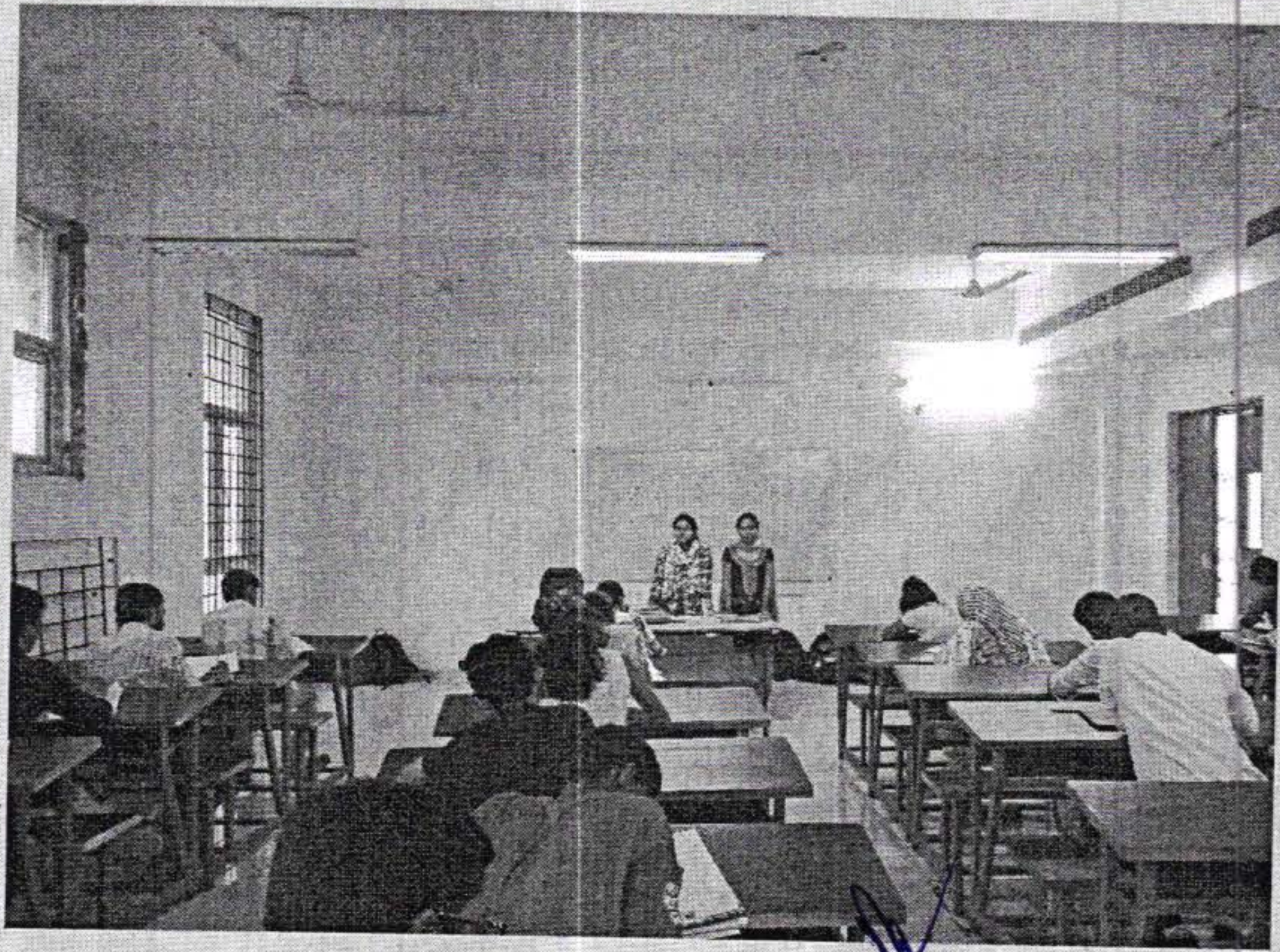
VENUE: First Year lecture hall, School of Engineering, CUK

BRIEF: IEEE student branch organized Essay Writing Competition to encourage the students good with their writing skills, We had participants from various other departments too.

No: of participants: 29

EXPENSES:

LINK:



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कर्नाटक केन्द्रीय विश्वविद्यालय, Central University of Karnataka
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9) ORAL PRESENTATION:

TOPIC: Technological marvels that influenced the world

DATE: 19th sept 2018

VENUE: S&D lab, School of Engineering, CUK.

NO: OF PARTICIPANTS: 07

BRIEF: IEEE student branch organized Oral presentation for Students to show their best presentation skills . Each participant were good and unique in their presentations.

EXPENSES:

LINK:



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10) BLINK – LED BLINKING COMPETITION BASED ON ARDUINO:

DATE: 20th Sept 2018

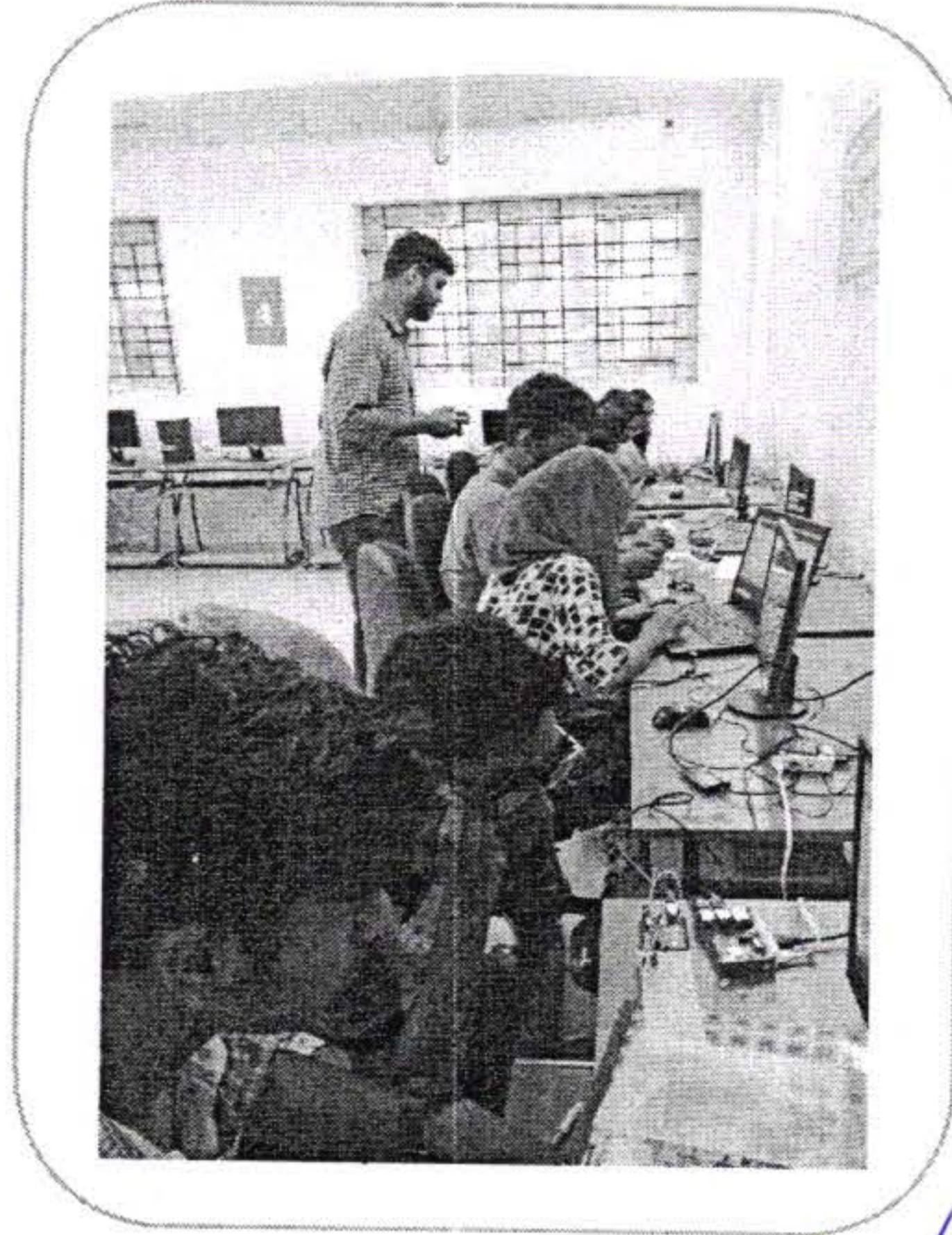
VENUE: S&D Lab , School of Engineering, CUK.

NO: OF PARTICIPANTS:

BRIEF: The competitions consisted of 'LED blinking competition', wherein the pattern of making the LED blink becomes more complex as the stages progress and a knowledge in Arduino, circuit connections and logic is required, we were surprised at the nuanced engineering sub-topic regarding microcontroller chips and logic would be having participation from various other departments, all because of the swift promotional work and buzz created by the fellow members of our organization

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कर्नाटक केन्द्रीय विश्वविद्यालय
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11) SMART QUIZ:

TOPIC: Technology

DATE: 20th sept 2018

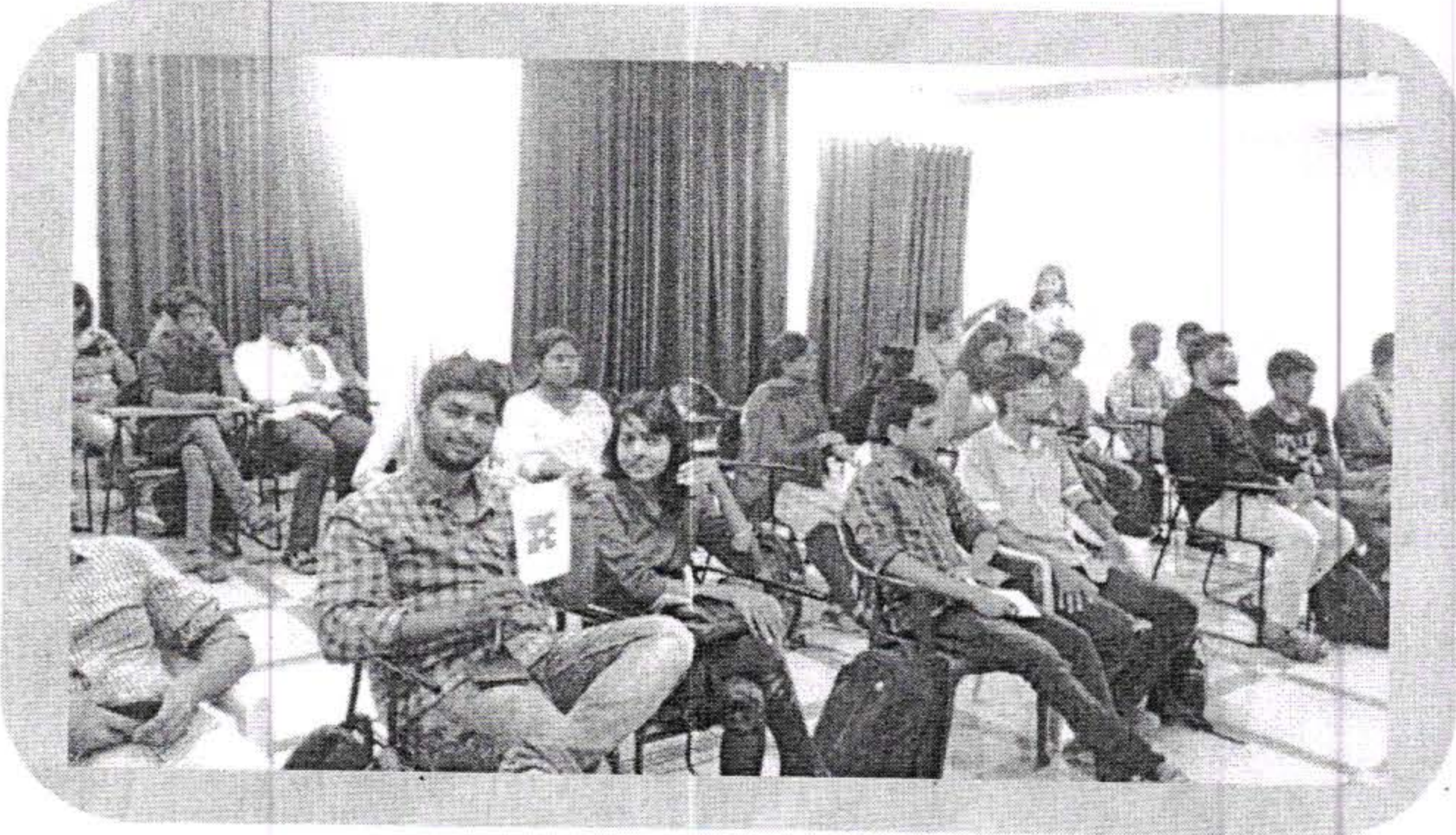
VENUE: Seminar hall, School of Engineering, CUK

NO: OF PARTICIPANTS: 24

BRIEF: final event that had been conducted on the celebrations of engineering week was the 'Smart Quiz', This was executed very beautifully by the crew members and had a juggernaut amount of participants, both IEEE and non-IEEE. The entire week was praised by the HOD and the whole department on being so well coordinated and executed.

EXPENSES:

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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय Central University of Karnataka
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12) IEEE DAY CELEBRATIONS:

DATE: 2nd Oct 2018

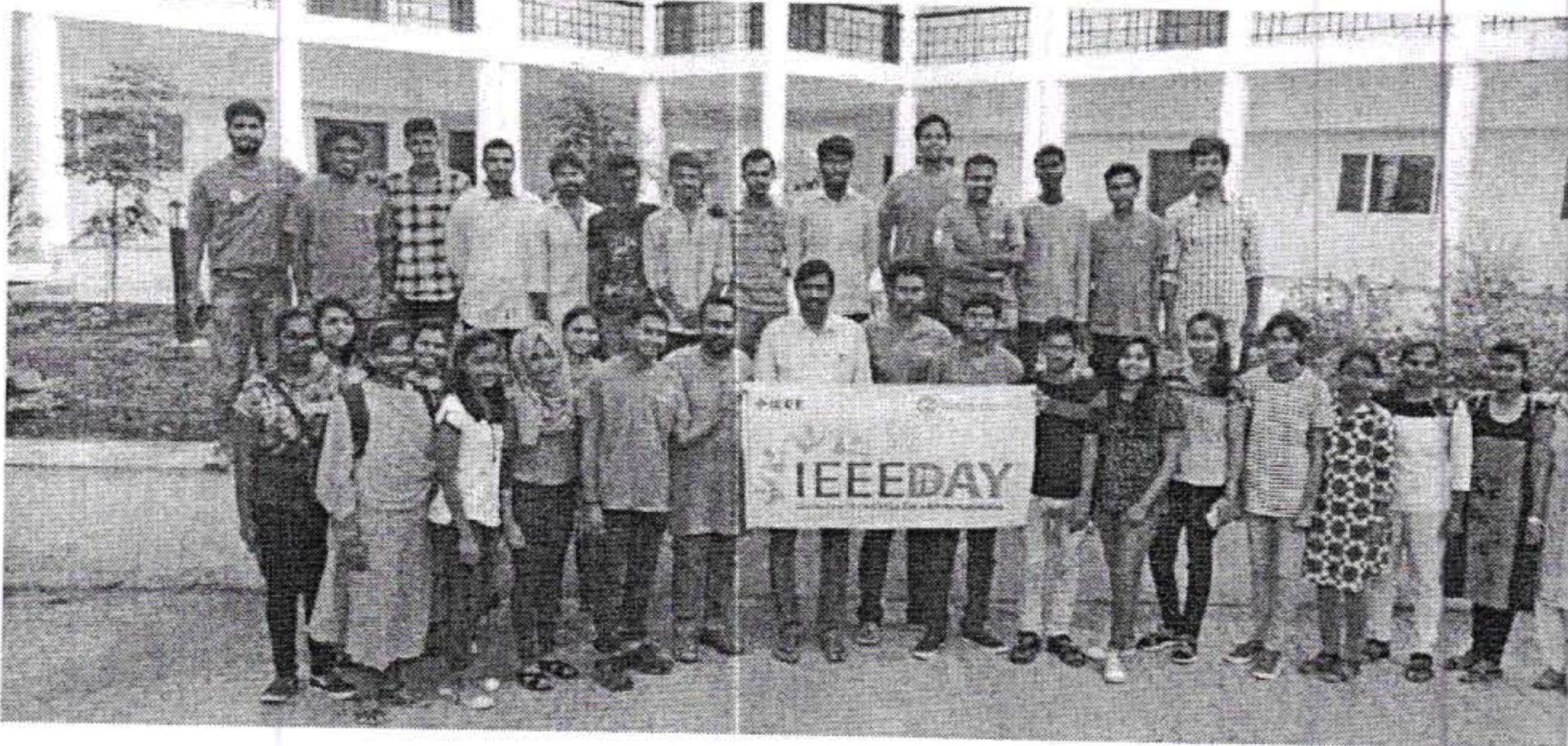
VENUE: First year lecture hall, School of Engineering, CUK.

NO: OF PARTICIPANTS: 53

BRIEF: IEEE Day is a global event to be held on the first Tuesday of October, annually. The Student Branch of Central University of Karnataka celebrated IEEE day on 2nd of October 2018 where Dr. Sandeep V, Electrical and Electronics Engineering department, Central University of Karnataka had a short talk on leveraging technology for a better tomorrow sticking to the theme of IEEE day 2018. After the talk IEEE members had meeting on review of our month journey of CUK IEEE SB, experience of recent visit to AISYWC, Mysore, future activities plan was planned. The event was a grand success with a participation of 50+ students and other teaching and non-teaching staffs

EXPENSES:

LINK:



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Dept. of Electronics & Communication Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
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13) TALK BY DR. RAJEEV JOSHI :

TOPIC: 'Leveraging Technology for better tomorrow'

DATE: 02nd Oct 2018

VENUE: First year lecture hall, CUK.

NO: OF PARTICIPANTS: 42

BRIEF: Dr. Rajeev Joshi is Asst Professor at Central University of Karnataka, inspite of his busy schedule he found time for us and inspired all of us with his speech on 'leveraging Technology for better tomorrow'. He explained us the difference between science and technology, and had showed us how technology will be making a better future.

EXPENSES: -Nil-

LINK: -Nil-



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14) TALK BY DR. RAHUL MANDAKNALLI ON ACCOUNT OF WORLD MENTAL HEALTH DAY:

TOPIC: YOUNG PEOPLE AND MENTAL HEALTH IN A CHANGING WORLD

DATE: 09th Oct 2018

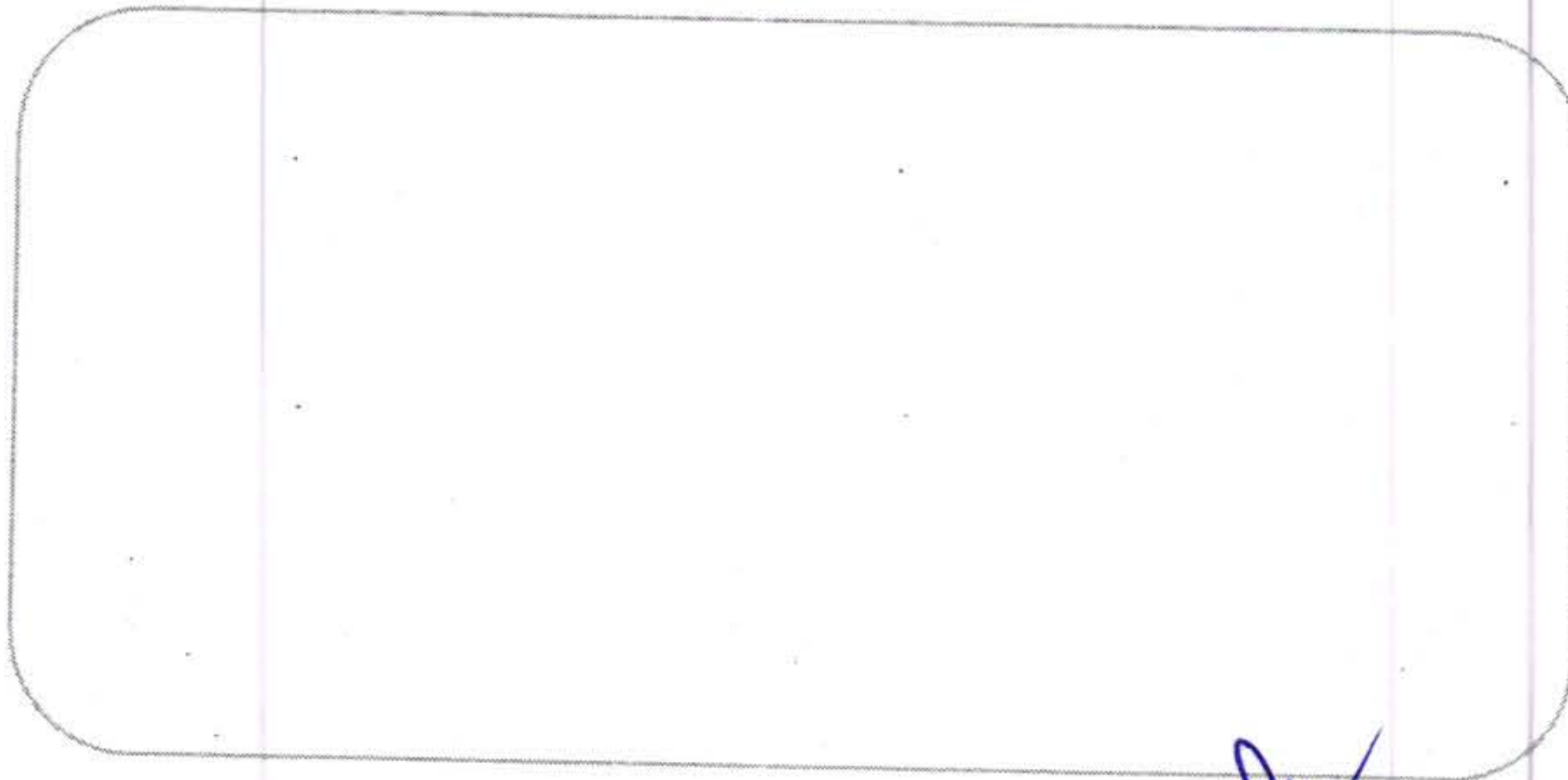
VENUE: Seminar hall, CUK

NO: OF PARTICIPANTS:

BRIEF: World mental Health Day was celebrated by IEEE Student Branch of Central University of Karnataka on 9th of October 2018. The chief guest of this event was Dr. Rahul Mandaknalli (MBBS, MD psychiatry) renowned psychiatrist of Karnataka. Following the theme of 2018 World Mental Health Day there was a talk by Dr. Rahul on "YOUNG PEOPLE AND MENTAL HEALTH IN A CHANGING WORLD" where he said The expanding use of online technologies, while undoubtedly bringing many benefits, can also bring additional pressures, as connectivity to virtual networks at any time of the day and night grow. An interactive session was followed by the talk where tips for mental health was shared by Dr. Rahul to the students. The event was a huge success with a participation of 75+ students where both IEEE and non IEEE members participated along with other teaching and non-teaching staffs.

EXPENSES:

LINK: <http://sites.ieee.org/sb-cuk/2018/10/10/world-mental-health-day/>



अध्यक्ष / HEAD

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Dept. of Electronic and Communication Engineering

कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka

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15) INDUSTRIAL VISIT TO NTPC, KUDGI:

DATE: 11th Oct 2018

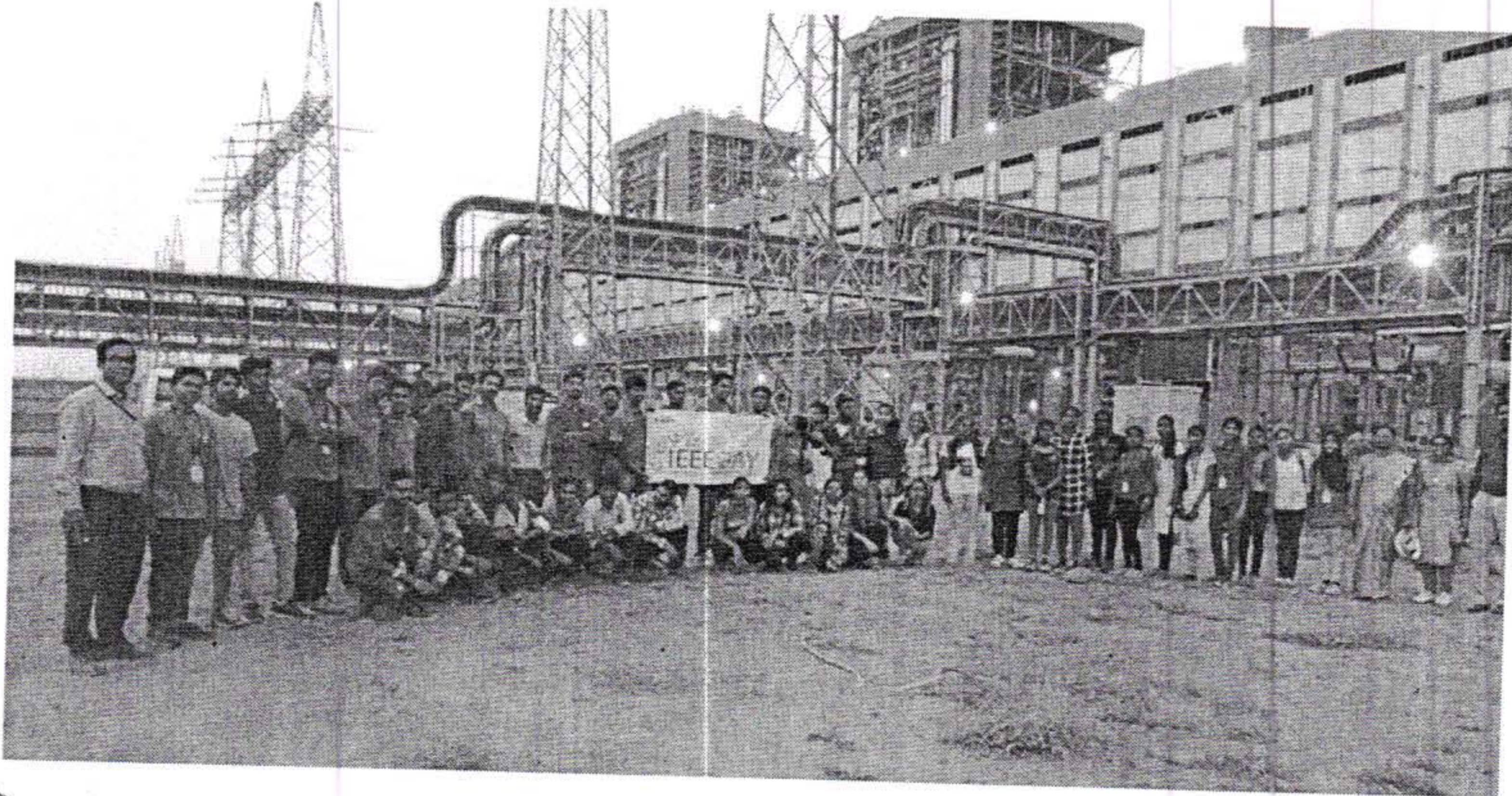
VENUE: NTPC Kudgi

NO: OF PARTICIPANTS: 54

BRIEF: The first ever Industrial Visit under IEEE Student Branch of Central University of Karnataka was to NTPC Ltd, Kudgi, Karnataka. The industrial visit was a grand success with a participation of 51 students and 3 teaching staffs. It was only for IEEE members. NTPC Kudgi is a thermal power project with an installed capacity of 4000MW. The plant is designed with electrostatic precipitators with 99.97 efficiency and which make the deposited ash reusable for concrete, tarring etc. It was a full day and fully packed trip where students came back with a good amount of knowledge and with a spark of enthusiasm.

EXPENSES: Rs.22550

LINK:<http://sites.ieee.org/sb-cuk/2018/10/12/industrial-visit-to-ntpc-kudgi/>



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16) ONLINE QUIZ ON WORLD STANDARDS DAY

TOPIC: IEEE Standards.

DATE: 14th Oct 2018

VENUE: Online

NO: OF PARTICIPANTS:458

BRIEF: IEEE Standards Day was celebrated by IEEE Student Branch of Central University of Karnataka on 14th of October 2018 where the student branch organised and online quiz for all the students from India. The quiz was open for both IEEE and non-IEEE members with zero registration fee. The topic of the quiz was IEEE standards on a total score of 200 marks where each question where assigned a definite make with no negative marking system. The quiz timing was from IST 5 pm to 6:45 pm of 14th October 2018. The online quiz was a grand success where we received 458 submissions from all over India.

EXPENSES: Rs.0

LINK :<http://sites.ieee.org/sb-cuk/world-standards-day-quiz/>

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17) DR. APJ ABDUL KALAM MEMORIAL LECTURE BY DR. R R SONDE:

DATE: 15th Oct 2018

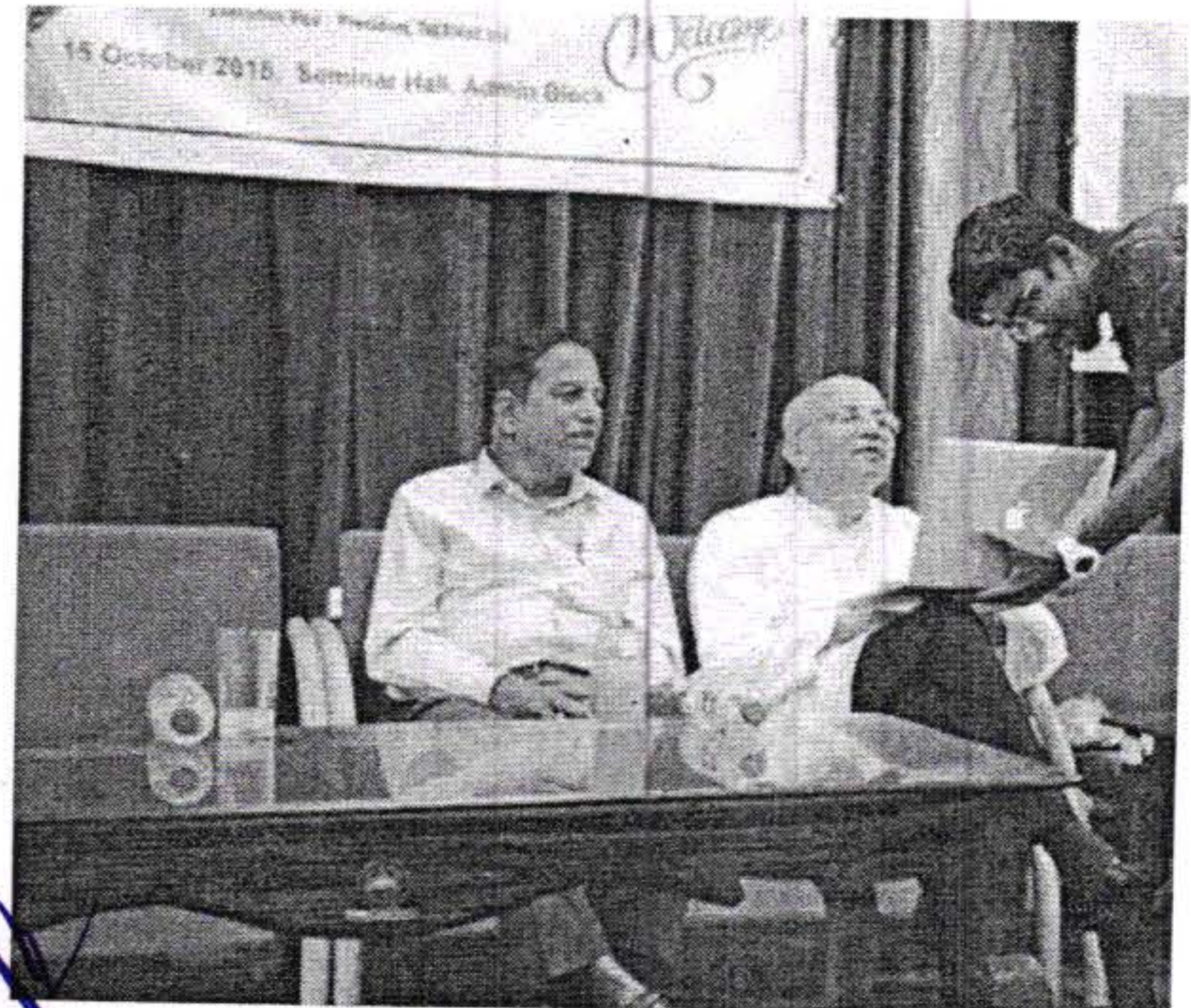
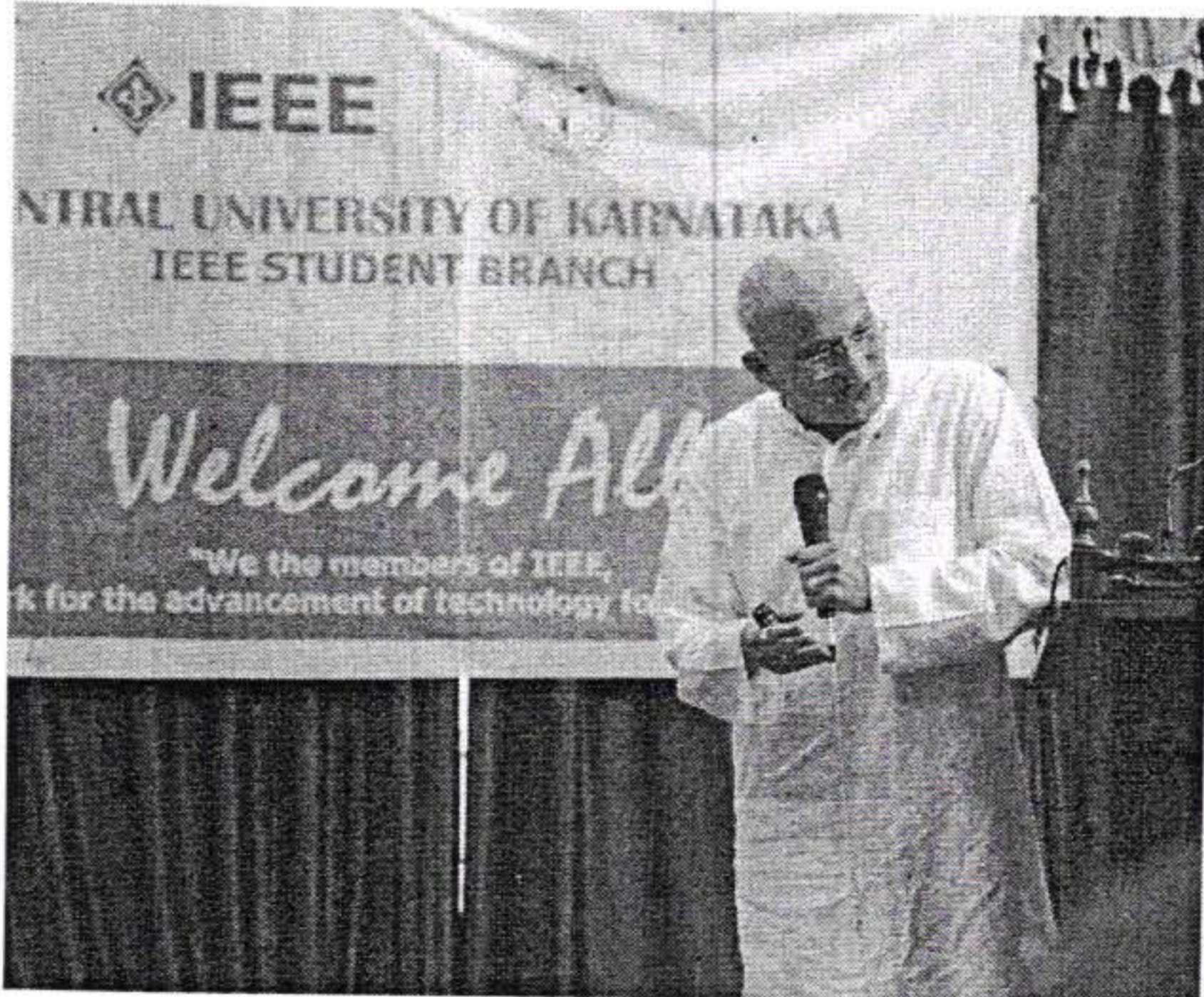
VENUE: Seminar hall, Admin Block, CUK

NO: OF PARTICIPANTS: 200+

BRIEF: Birth anniversary of Dr. Abdul Kalam was organized at Central University of Karnataka by IEEE Student Branch Central University of Karnataka in collaboration with School of Engineering. Chief guest of the event was Dr. R R Sonde, Fellow of National Academy of Engineers (FNAE) and Executive Vice-President of THERMAX Ltd. Dr. R R Sonde delivered his inspiring Dr. Abdul Kalam Memorial lecture. "Climate change and energy crisis are the major problems of the world in general and India in particular. We are importing huge quantities of crude oil worth \$ 120 billion dollars every year to meet our energy needs. The lower level of efficiency of the existing technology is resulting in the consumption of larger quantity of oil which is, in turn, contributing largely to climate change," he said. University vice-chancellor of CUK, H.M. Maheshwaraiah also presided over the event. We had our release of magazine 'Tarang' on the same day.

EXPENSES:

LINK:



अध्यक्ष / HEAD

इलेक्ट्रॉनिक्स और संचार अभियांत्रिकी विभाग

Dept. of Electronics & Communication Engineering

कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka

कदवांची कलावारी / Kadavanchi Kalavari 595 267



18) INTERACTIVE SESSION WITH INDUSTRY:

DATE: 15th Oct 2018.

VENUE: Seminar hall, School of Engineering, CUK

NO: OF PARTICIPANTS:55

BRIEF: The Student Branch of Central University of Karnataka successfully arranged an interactive session with Dr. R. R. Shonde, Vice president of Thermax Ltd. in view of placements and internships / training opportunities. The session could help students in figuring out their doubts about start-ups', placements etc. It was done exclusively for engineering students from first year btech to final year march students with no registration fee. The event started by 2.00pm of 15th October 2018 at engineering department. It was a huge success with a participation of 50+ students which includes both IEEE and non IEEE members along with other teaching and non-teaching staffs.

EXPENSES: Rs.0

LINK: -NIL-



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19) IEEEEXTREME12.0

DATE: 20th Oct 2018

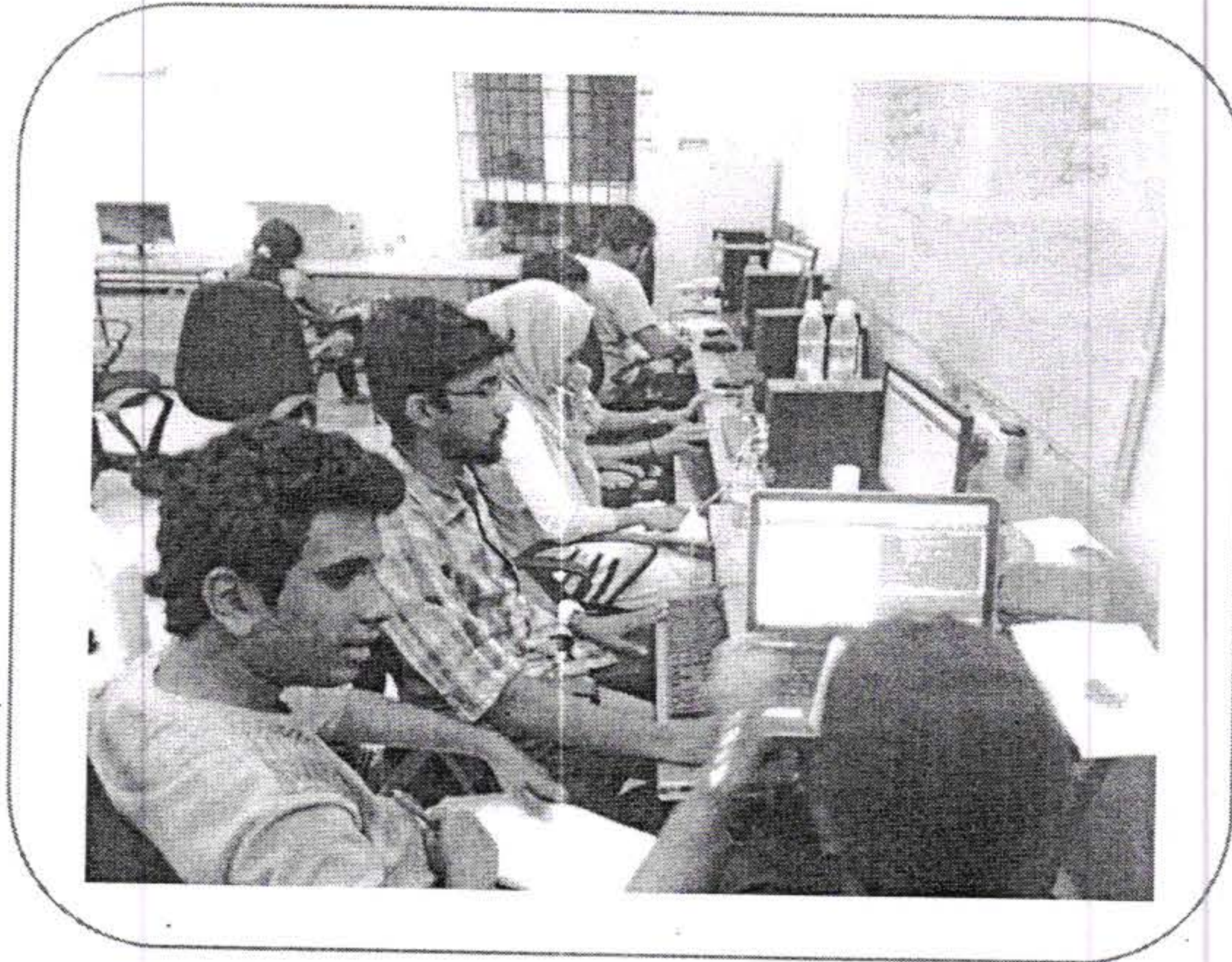
VENUE: S&D Lab, School of Engineering, CUK

NO: OF PARTICIPANTS: 19

BRIEF: Hosting IEEEEXTREME 12.0 at IEEE student branch, Central University of Karnataka. Wonderful experience for all participants, coding 24 hrs continuously and competing with about 10k participants around the world. The students were given food and drinks by the student branch itself. This was made successful with the help of Dr. V Sandeep and the volunteers of IEEEEXTREME12.0.

EXPENSES: RS.3453

LINK:



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कडगंची, कलबुरगी / Kadaganchi, Kalaburagi-585 367



EVENTS TO BE CONDUCTED FROM 25TH OCTOBER TO NOVEMBER 1ST:

20) DISTINGUISHED LECTURE BY DR. AAQIB

TOPIC: 5G TECHNOLOGIES

DATE: 30TH OCTOBER 2018

VENUE: NOT YET FIXED

21) WORKSHOP ON PROGRAMMING SKILLS IN PYTHON TAKEN BY DR. DEEPAK SAMUEL:

DATE: 10th NOVEMBER 2018

VENUE: NOT YET DECIDED

22) DISTINGUISHED LECTURE BY PROF N R SHETTY:

TOPIC: NOT YET FIXED

DATE: 29TH OCTOBER 2018

VENUE: NOT YET FIXED

23) INTRODUCTION TO LAB VIEW SOFTWARE:

DATE: 30TH OCT 2018

VENUE: NOT YET FIXED

24) MEMBERSHIP DRIVE FOR MEMBERSHIP RENEWAL

DATE: 1ST NOV 2018

VENUE: NOT YET DECIDED

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25) VISIT TO SOLAR PARK

DATE:31ST OCT 2018

VENUE: SOLAR PARK, CUK.

26) WORKSHOP BY AGILENT TECHNOLOGIES.

DATE:03RD NOV 2018

VENUE : NOT YET DECIDED.

IMPORTANT LINKS:

- **TO OUR FIRST MONTHLY MAGAZINE:**
https://drive.google.com/file/d/1oA_EZs6pwlzesjPMSXH6-rjalhZU9_q8/view
- **TO OUR DOCUMENTATION BLOGS:**
<http://sites.ieee.org/sb-cuk/blog/>
- **TO OUR PHOTOS GALLERY:**
<http://sites.ieee.org/sb-cuk/gallery/>
- **TO OUR PROJECTS SECTION:**
<http://sites.ieee.org/sb-cuk/projects/>

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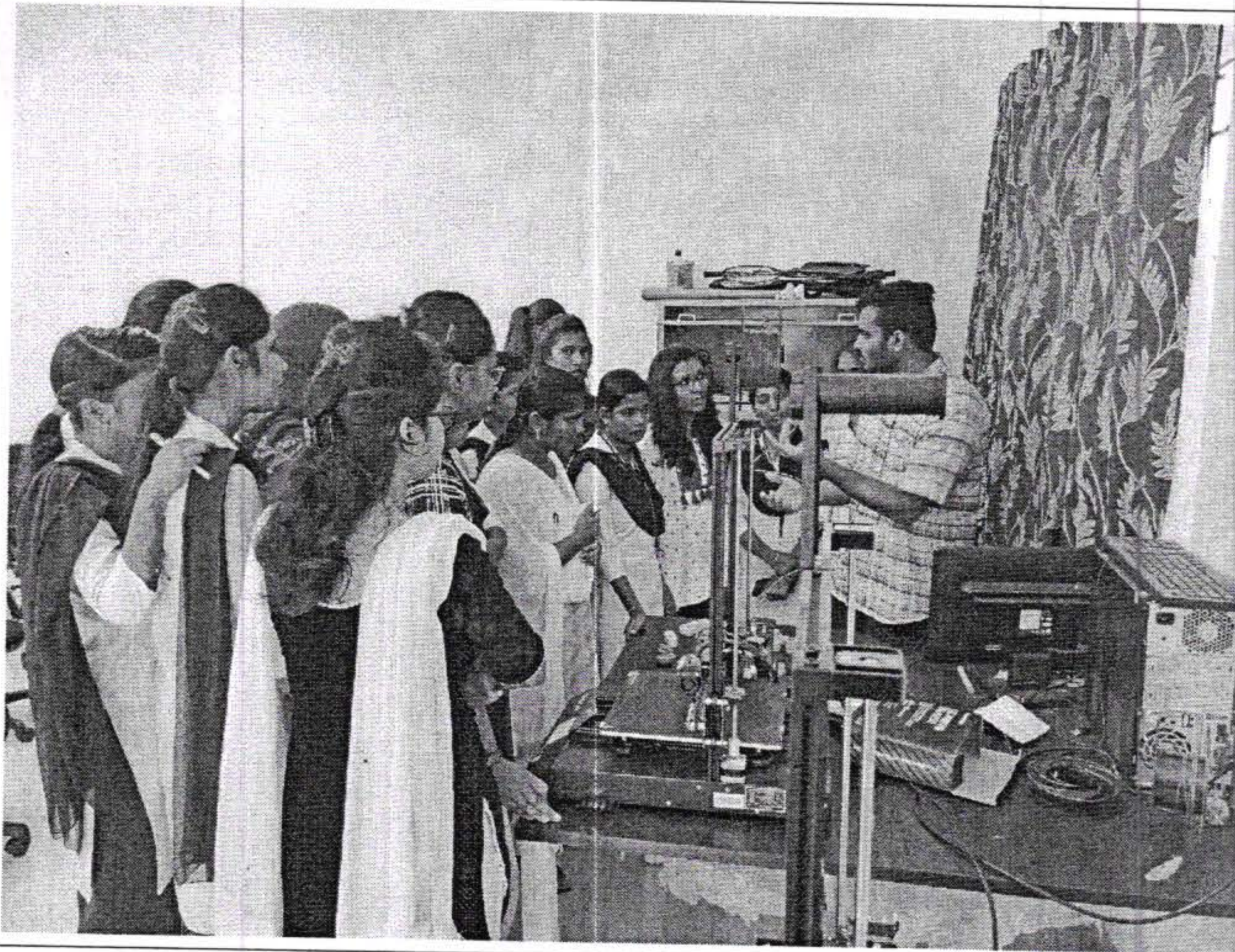
44) 3D PRINTING WORKSHOP

Date: 8TH Nov 2019

Venue: 3D printing lab, School of engineering, Central University of Karnataka.

No: of Participants: 35

Brief: The applications and the research being explored on 3D printing is limitless, as of now, the alien nature of the concept has faded away and it has become more of a household name for such a complex and advanced technology, as a way for keeping up with the ever-advancing complexities of the technology ,that is 3D printing. This workshop was organized to bring more light to the functioning technology in action, the workshop was one of its kind and was introductory and a starting step towards the widely complex mannerisms of 3D printing. The workshop was mainly for B.Ed. students of Central University of Karnataka.



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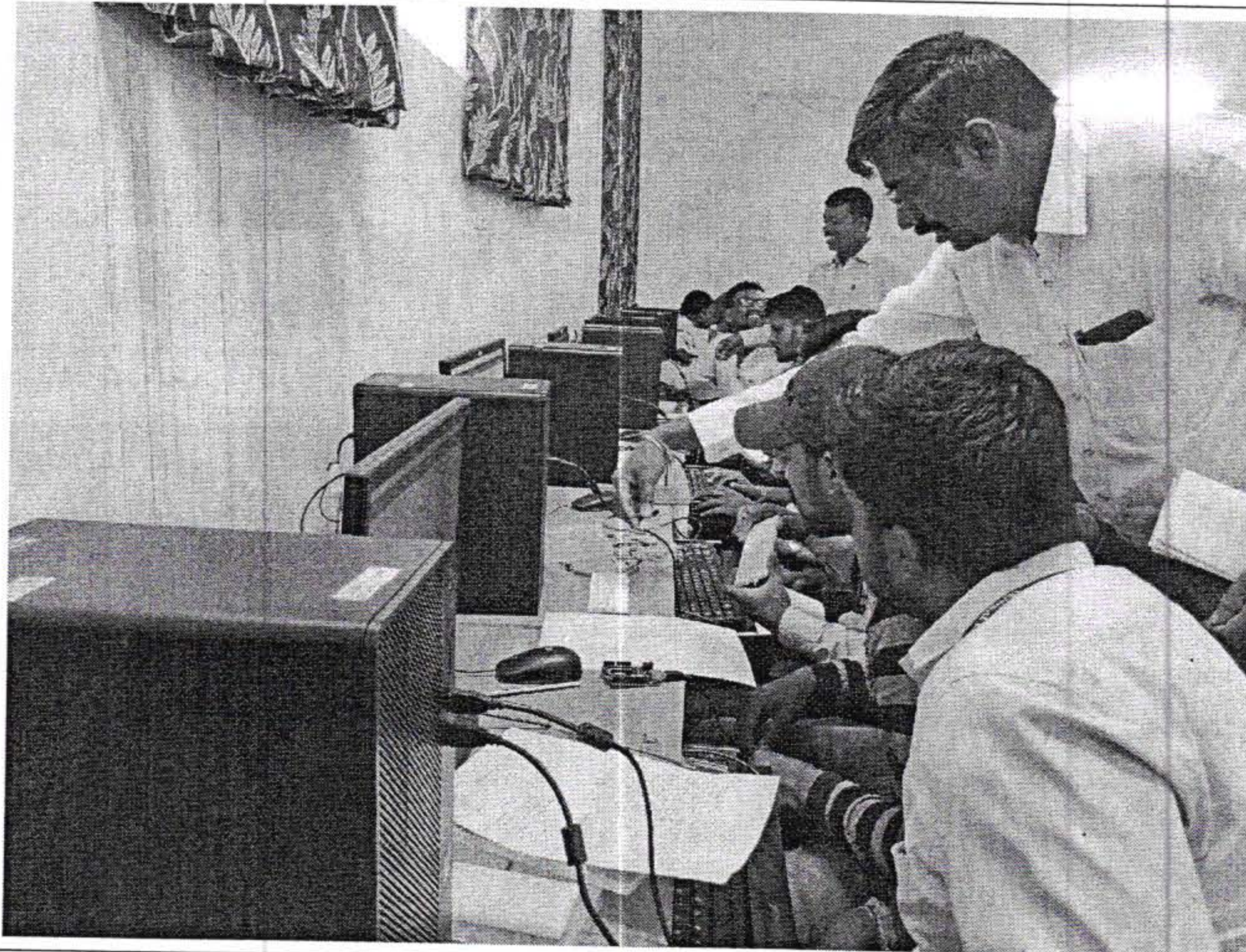
45) ARDUINO WITH SSD INTERFACING WORKSHOP

Date: 8TH Nov 2019

Venue: ICT lab, School of engineering,
Central University of Karnataka.

No: of Participants: 42

Brief: Arduino being as popular as it is and spearheading various concepts in the internet of things and being one of the most popular microcontrollers in the game right now, its various applications and programs are being infused into curriculums and learning programs. B.Ed. students of Central University of Karnataka were very much passionate to learn these new technologies. The workshop was made hands on and they were really excited to interface the seven-segment display with Arduino.



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Dept. of Electronic-Communication Engineering

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PICK)

46) EXHIBITION OF 500+ CREATIVE EXPERIMENTS

Date: 11TH Nov 2019

Venue: Administrative Block, Central University of Karnataka.

No: of Participants: 100+

Brief: IEEE SB CUK is organizing "Exhibition of 500 + Creative Experiments" on the occasion of National Educational Day 2019 on 11 November 2019. The 1st semester IEEE student members are exhibiting more than 500 experiments at ONE PLACE to demonstrate their joy of creativity in learning and education.

IEEE BANGALORE SECTION | Central University of Karnataka IEEE Student Branch
In collaboration with School of Engineering Organizes
IEEE PES Power & Energy Society
Exhibition of 500+ Creative Experiments
On Occasion of National Educational Day 2019
11 November 2019, 10 AM Admin Block, CUK
Welcome

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इलेक्ट्रॉनिक्स और संचार अभियांत्रिकी विभाग
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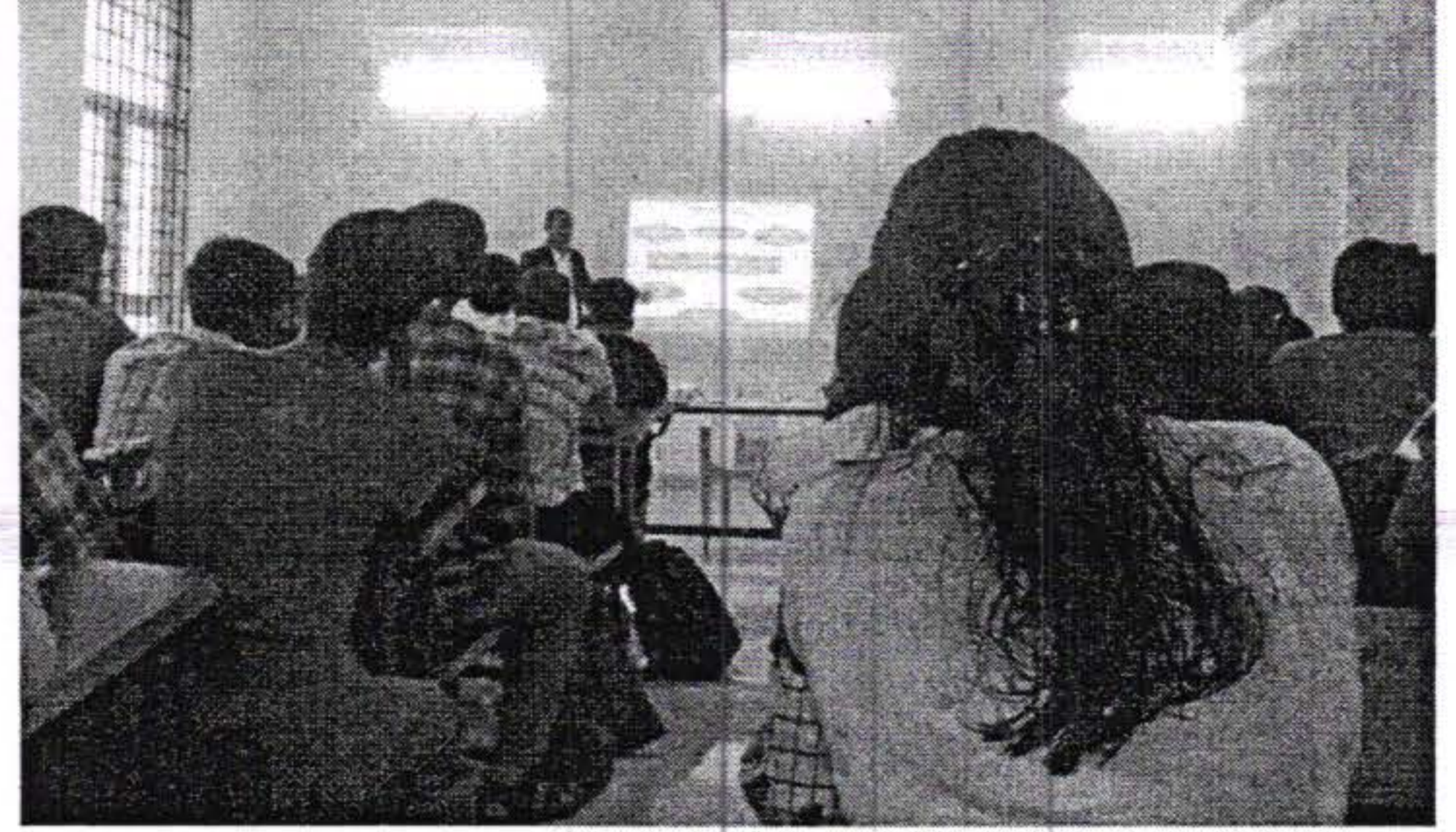


2) BSSIP Awareness session

Date: 26th JAN 2020

Venue: Admin Hall, Central University of Karnataka

No: of Participants: 50



Brief:

Bangalore section was giving 5K to assist students to carry out innovative projects.

An awareness session of the same was conducted by previous year BSSIP recipients from the university.

All teams were also assisted on getting section help to get industrial mentors for their project which was necessary for application of the project grant.

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4) Workshop on GitHub

Date: 14TH FEB 2020

Topic: Git and GitHub

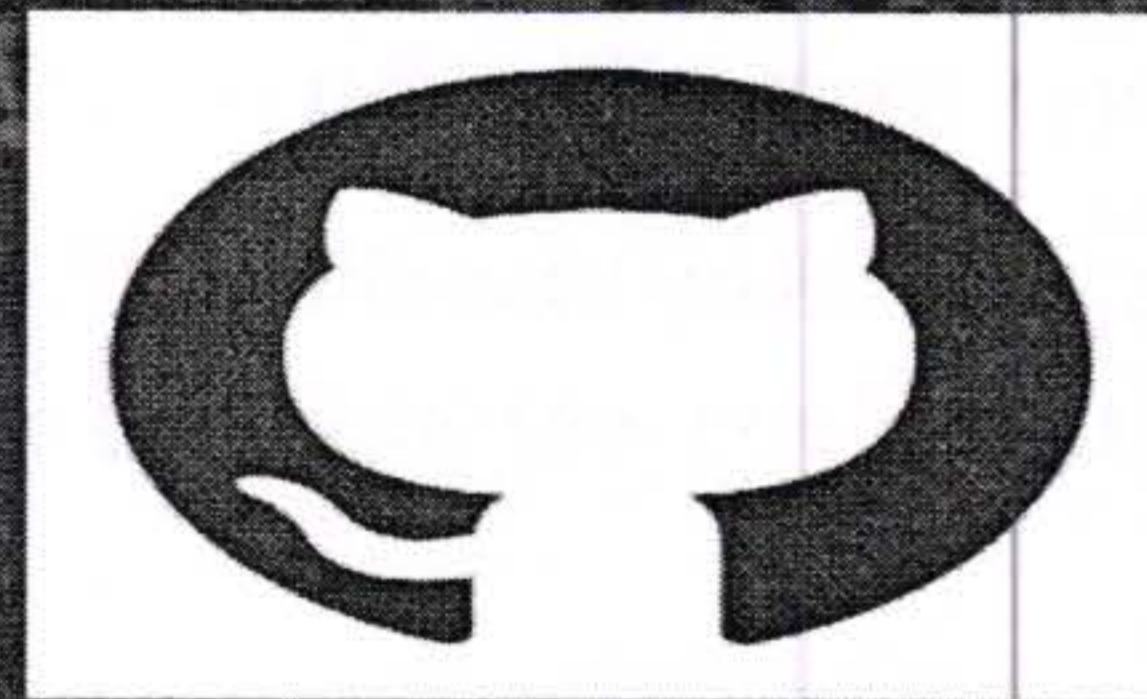
Venue: Seminar Hall, Admin block,
Central University of Karnataka

No: of Participants: 30

Brief:

Workshop was conducted by Atmadeep Arya,
Creative learning team lead.

There was a wide variety in participation.



IEEE SB CUK

GITHUB WORKSHOP 2020

PLEASE DO REGISTER
AT <https://qrge.page.link/F9xdB>

FEBRUARY 14TH | 10AM - 1PM
SEMINAR HALL, SCHOOL
OF ENGINEERING

Note: Only for first 30
registrations and bring
your own laptop



अभियांत्रिकी विभाग
Communication Engineering
Central University of Karnataka
Kaduganchi, Kalaburagi-586366



6) Cultural Night

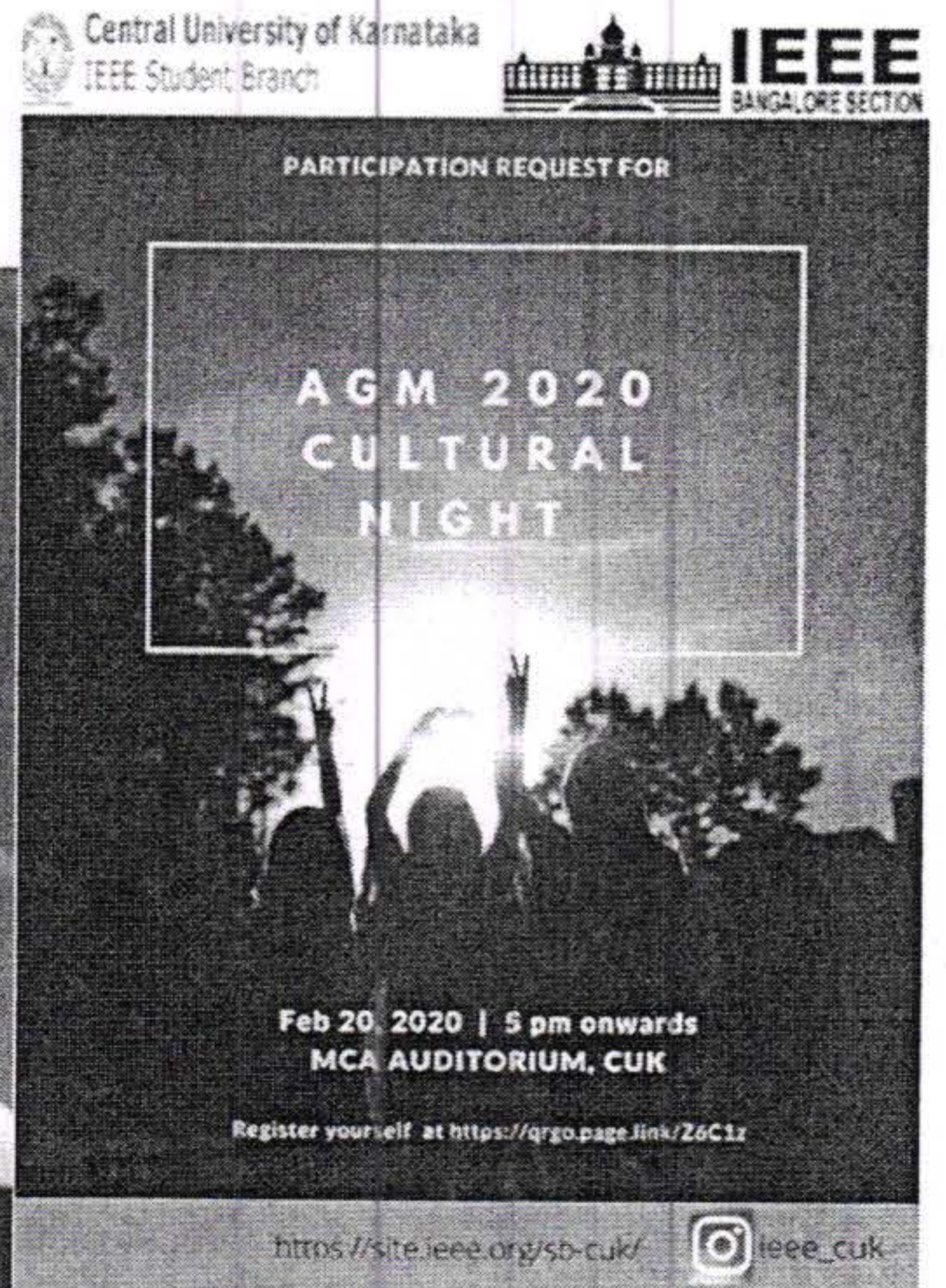
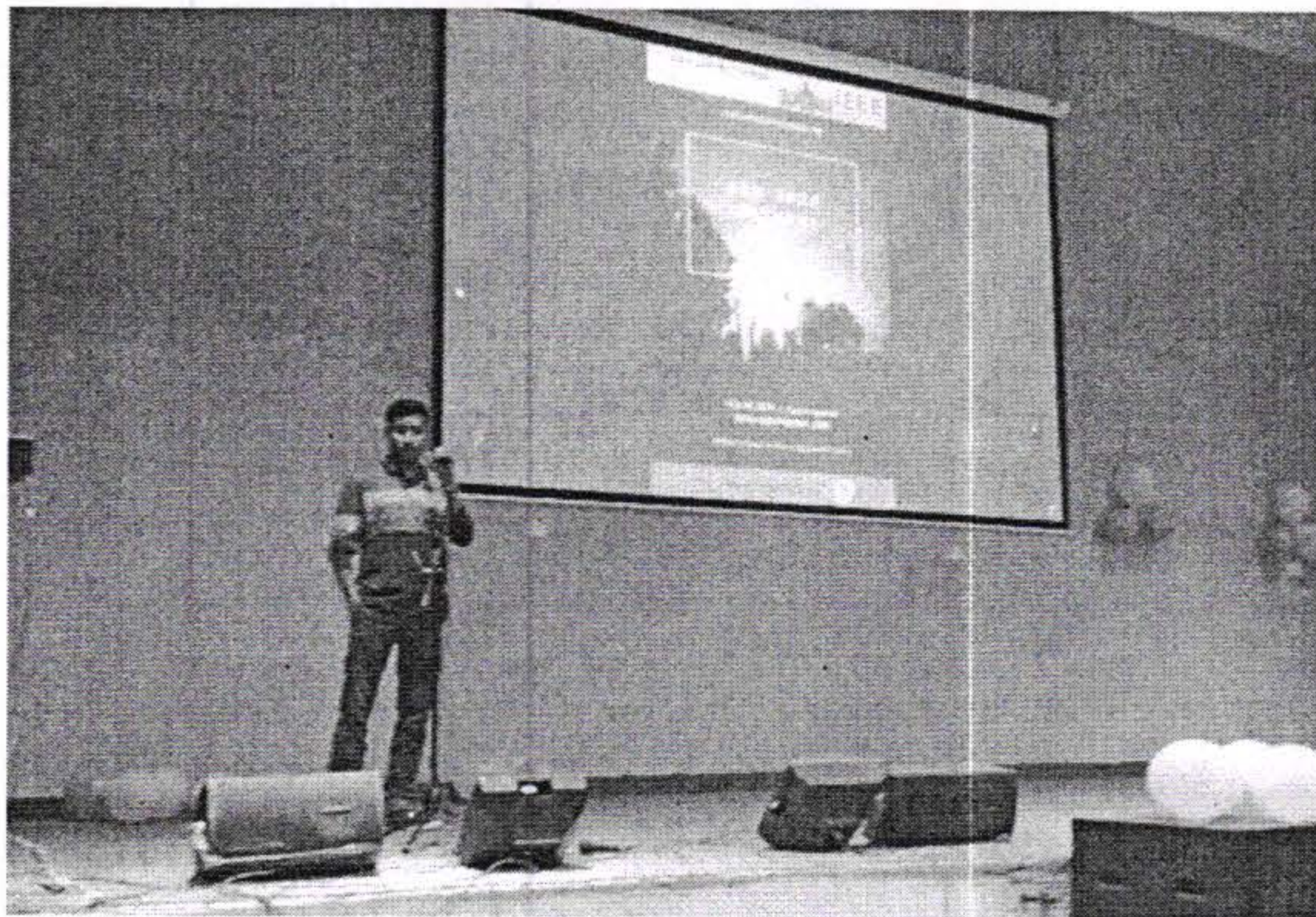
Date: 20TH Feb 2020

Venue: Common Hall, Central University of Karnataka, Kadaganchi, Gulbarga.

No: of Participants: 150

Brief:

Cultural night was conducted with various events such as dance, song, instrumentals etc... by students of the university in banner of IEEE.



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8) 3D PRINTING WORKSHOP

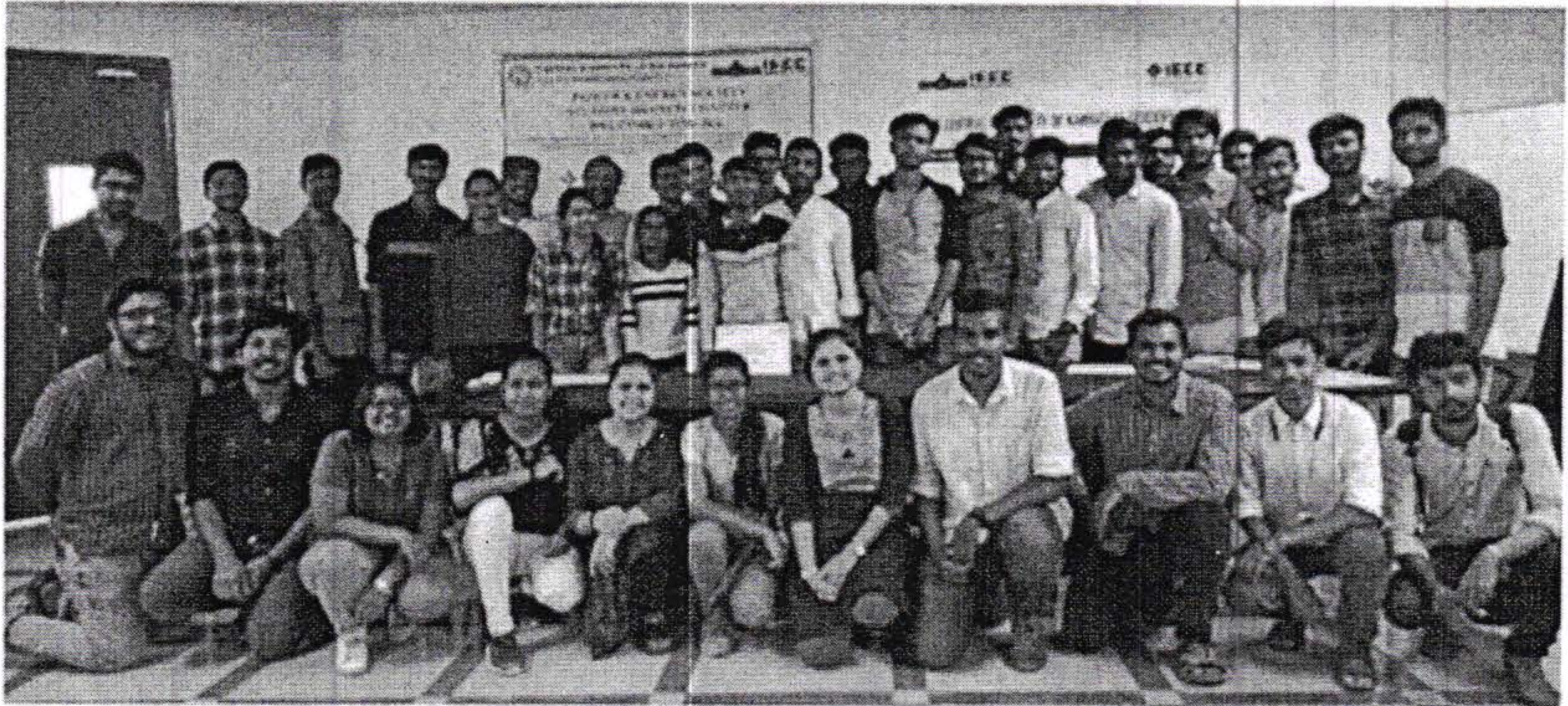
Date: 21ST – 23RD FEB 2020

Venue: Seminar hall, SOE, Central University of Karnataka

No: of Participants: 70

Brief:

It was an eye grabbing workshops that dealt with up and coming frontiers of the digital world: 3 D Printing and 3 D Designing





10) SB-PES CHAPTER Activities Suggestion Session

Date: 25th FEB 2020

Venue: First year lecture hall, school of Engineering, Central University of Karnataka

No: of Participants: 70



Brief:

All student members and faculties of the school of engineering sat along for a discussion.

The friendly discussion ended with plenty of ideas that could be executed.

Few changes on the website and event management were proposed and other issues were also solved.

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12) Technical Talk by Prof. L. M. Patnaik

Date: 3rd MARCH 2020

Venue: Admin Hall, Central University
of Karnataka

No: of Participants: 100



Brief:

Prof. L.M.Patnaik is Adjunct Professor and INSA Senior Scientist, Consciousness Studies Program, National Institute of Advanced Studies, IISc Campus, and former Professor, Indian Institute of Science, Bangalore and former Vice Chancellor, Defence Institute Advanced Technology (Govt of India, Min of Def, and DRDO) Deemed University, Pune. He gave an insightful lecture on how technology is changing and how an engineer should serve for the society around and for self-growth.

The talk also received major positive feedback with students asking to bring him back in the following years.

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THANK YOU.....

Hands-on with Python

December 22, 2023
Department of Physics
Asia/Kolkata timezone

Enter your search term



Overview

Timetable

Registration

A basic introduction for absolute beginners to the world of python. Please note that seats are limited and preference will be given to M.Sc Physics (2023 batch).

Students who already have a basic understanding of python are requested not to enroll in this programme. There will be a separate course for advanced programming.



Starts Dec 22, 2023, 1:30 AM
Ends Dec 22, 2023, 4:30 PM
Asia/Kolkata



Department of Physics
High Energy Physics Laboratory



Colab notebook

Feedback form

GitHub page of Deepak Samuel with codes

विभागाध्यक्ष / HEAD

भौतिकी विभाग / Department of Physics

भौतिक विज्ञान स्कूल / School of Physical Sciences

कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka

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सकायाध्यक्ष / Dean

भौतिक विज्ञान स्कूल / School of Physical Sciences

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कडगंचि कलबुरगी / Kadaganchi Kalaburagi



On the occasion of inauguration of "Computing Laboratory",
 Department of Mathematics, Central University of Karnataka
 invites you to participate in the



National Workshop on Current Research in Mathematical Sciences



CENTRAL UNIVERSITY OF KARNATAKA
 DECENNIAL
 CELEBRATIONS

28-30 March 2019 - Dept. of Mathematics - CUK

CFD ALGEBRA NUMERICAL ANALYSIS NUMBER THEORY

The purpose of this three-day workshop is to bring awareness on current research in Mathematics and its usage in different applications for taking up research work among the faculty and research scholars.

Expected Speakers

- Prof. N. M. Bujurke, INSA Scientist, Karnatak University, Dharwad
- Prof. B.S. Kiranagi, University of Mysore, Mysuru.
- Prof. Y. N. Reddy, NIT Warangal
- Prof. Y. B. Maralabhavi, Bangalore University
- Prof. J. C. Umavathi, Gulbarga University, Gulbarga
- Prof. P. G. Siddheshwar, Bangalore University, Bengaluru
- Prof. H. P. Rani, NIT Warangal
- Prof. R. S. Selvaraj, NIT Warangal
- Prof. Anantha Lakshmi Narayana P, IIT Hyderabad

Registration

Students: Rs. 300
 Res. Scholars: Rs. 500
 Faculty: Rs. 1000
 For more details, see
<https://goo.gl/forms/LH7ZWSVOYmaWB5O32>



Organizing Committee

- Dr. G. Janardhana Reddy, Organizing secretary and Convener
- Dr. N. Sandeep, Co-Convener
- Dr. B. Sreenivasulu, Co-Convener
- Dr. Ranganatha D., Co-Convener

G. Janardhana Reddy

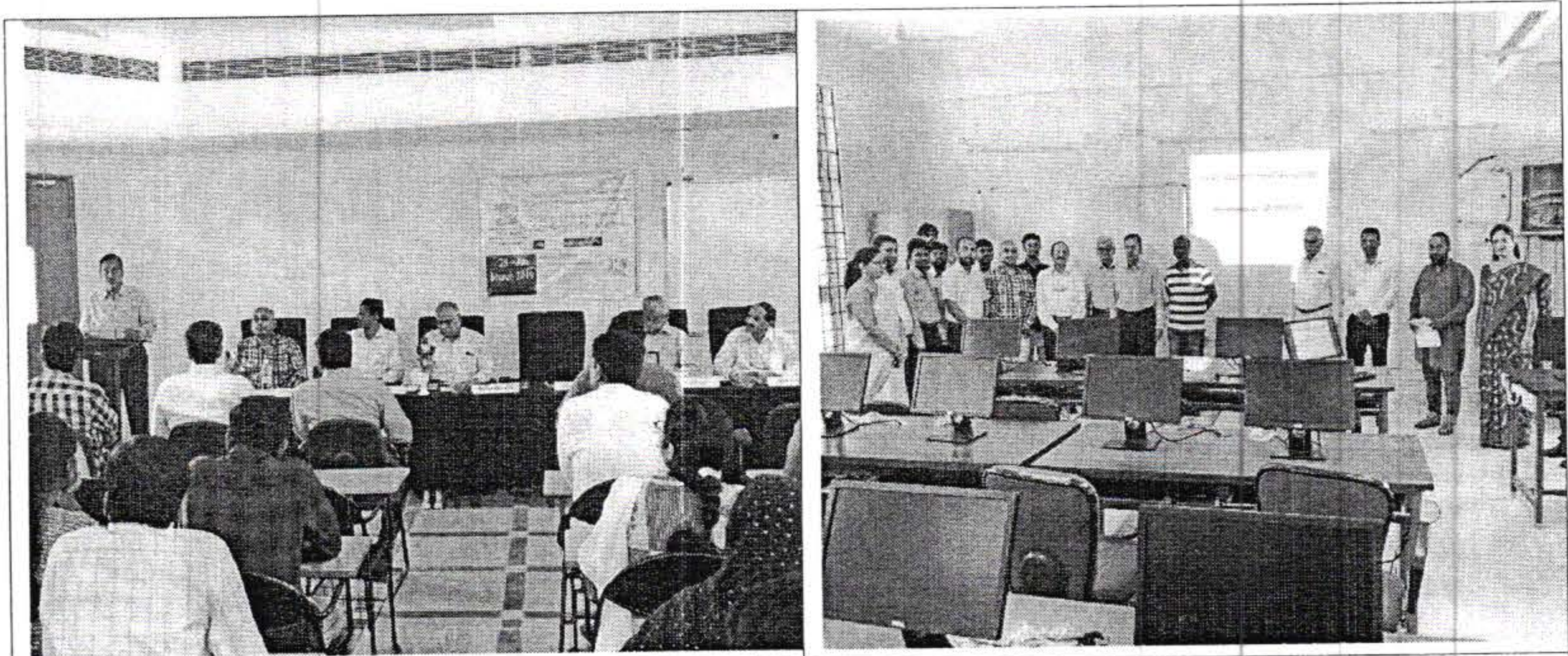
Dates to Remember

Last date:
 25 March 2019
 Intimation of acceptance:
 26 March 2019

Department of Mathematics
 Central University of Karnataka
 Kadaganchi, Kalaburagi - 585367

Email: gjr@cuk.ac.in Phone: +91 94 914 724 61 and + 91 94 920 286 29

Brief report: The Dept. of Mathematics, CUK organized Three-Day National Level Workshop on “Current Research in Mathematical Sciences (CRMS)” on the occasion of inaugurating “Computing Laboratory”, 28th - 30th March 2019 at CUK, Kalaburagi. A total of 9 speakers delivered the invited talks during the program. A total of 78 participants are registered for this workshop. The photographs of the event are given below.



Inauguration of National Level Workshop & Computing Laboratory @Dept. of Mathematics, CUK.

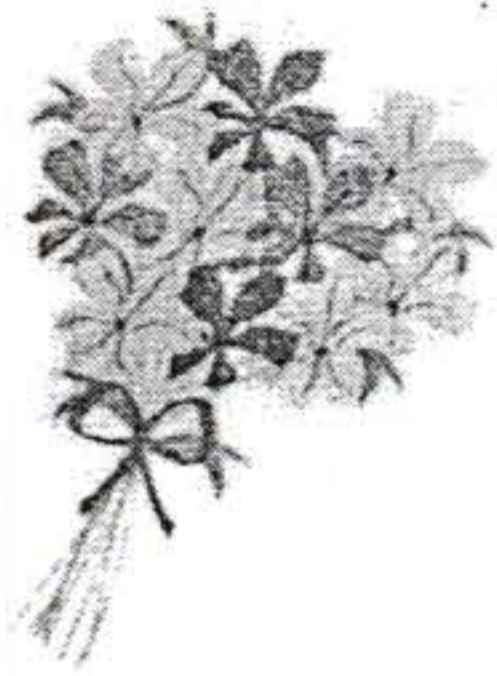
G. J. Reddy
Head, Dept. of Mathematics

Head
Department of Mathematics
Central University
Kadaganchi, Kalaburagi - 585367



CENTRAL UNIVERSITY OF KARNATAKA

**CENTRAL UNIVERSITY OF KARNATAKA, KALABURAGI
DEPARTMENT OF MATHEMATICS
SCHOOL OF PHYSICAL SCIENCES**



INVITATION

*You are cordially invited to the
INAUGURAL FUNCTION
of*

NATIONAL MATHEMATICS DAY – 2019

On 11th December 2019 at 10.30 a.m.

Inauguration by Prof. H. M. Maheshwaraiah, Vice - Chancellor, CUK, Kalaburagi

Prof. S. Bhargava
*Professor of Mathematics (Rtd)
University of Mysore, Mysore
has kindly consented to be the Chief Guest*

Prof. N. M. Bujurke
*Professor of Mathematics (Rtd)
Karnatak University, Dharwad
Guest of Honour*

Prof. G. R. Naik
*Pro-Vice Chancellor & Dean
CUK, Kalaburagi
Guest of Honour*

Dr. G. Janardhana Reddy
*Coordinator
Department of Mathematics, CUK*

Venue: Seminar Hall, Administrative Block

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

Brief report: The Dept. of Mathematics, CUK Organized National Mathematics Day on 11-12-2019 at Dept. of Mathematics, CUK, Kalaburagi. Prof. S. Bhargava, Mysore University and Prof. N.M. Bujurke, INSA Senior Scientist, KUD delivered the invited talks during the program. All UG, PG, and Ph.D. students attended this event. The photographs of the event are given below.

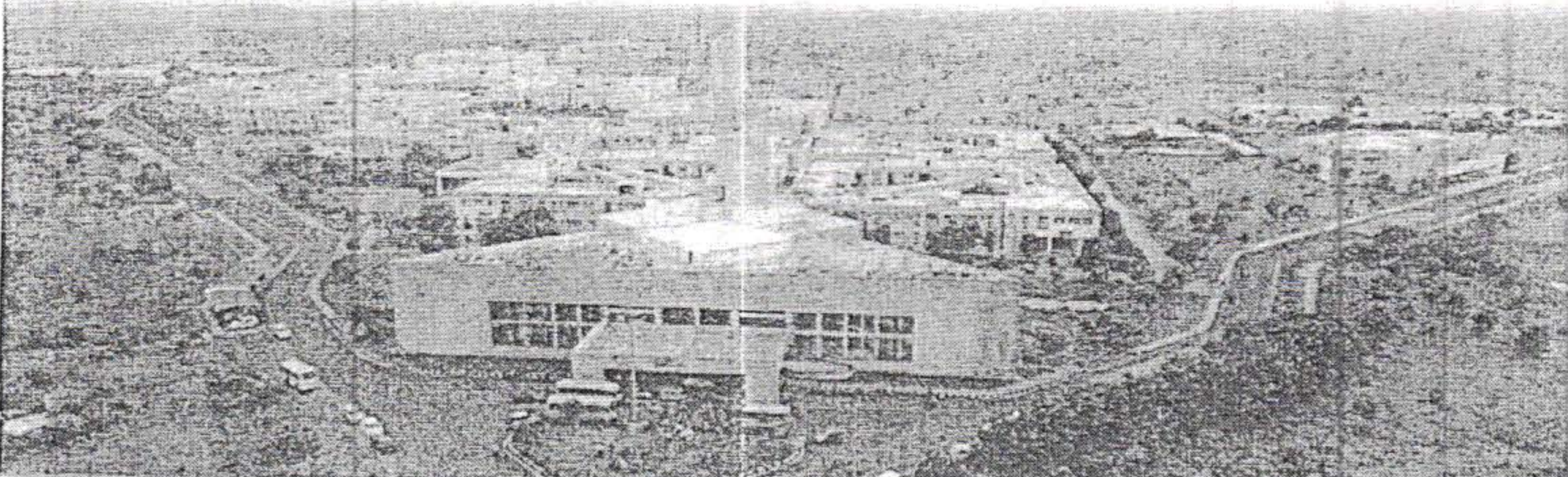


National Mathematics Day Celebrations @Dept. of Mathematics, CUK.

G. J. Peedy
Head, Dept. of Mathematics

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

61



कर्नाटक केन्द्रीय विश्वविद्यालय
Central University of Karnataka
(Established by an Act of the Parliament in 2009)

SPECIAL LECTURE SERIES ON MATHEMATICS

(On the Eve of National Mathematics Day)

22nd-24th DEC, 2020

Chief Patron
Prof. M. V. Alagawadi
Vice – Chancellor (i/c)

Patron
Prof. Mushtaq Ahamed I Patel
Registrar

In the Presence of
Dr. Deepak Samuel
Dean, School of Physical Sciences

Speakers

1. Prof. Vittal Rao (IISc, Bangalore)
2. Prof. K. R. Vasuki (University of Mysore)
3. Dr. Arulalan Rajan (IISc, Bangalore)
4. Dr. Atul Dixit (IIT Gandhinagar)
5. Dr. Bibekananda Maji (IIT Indore)
6. Dr. L. Shangerganesh (NIT Goa)

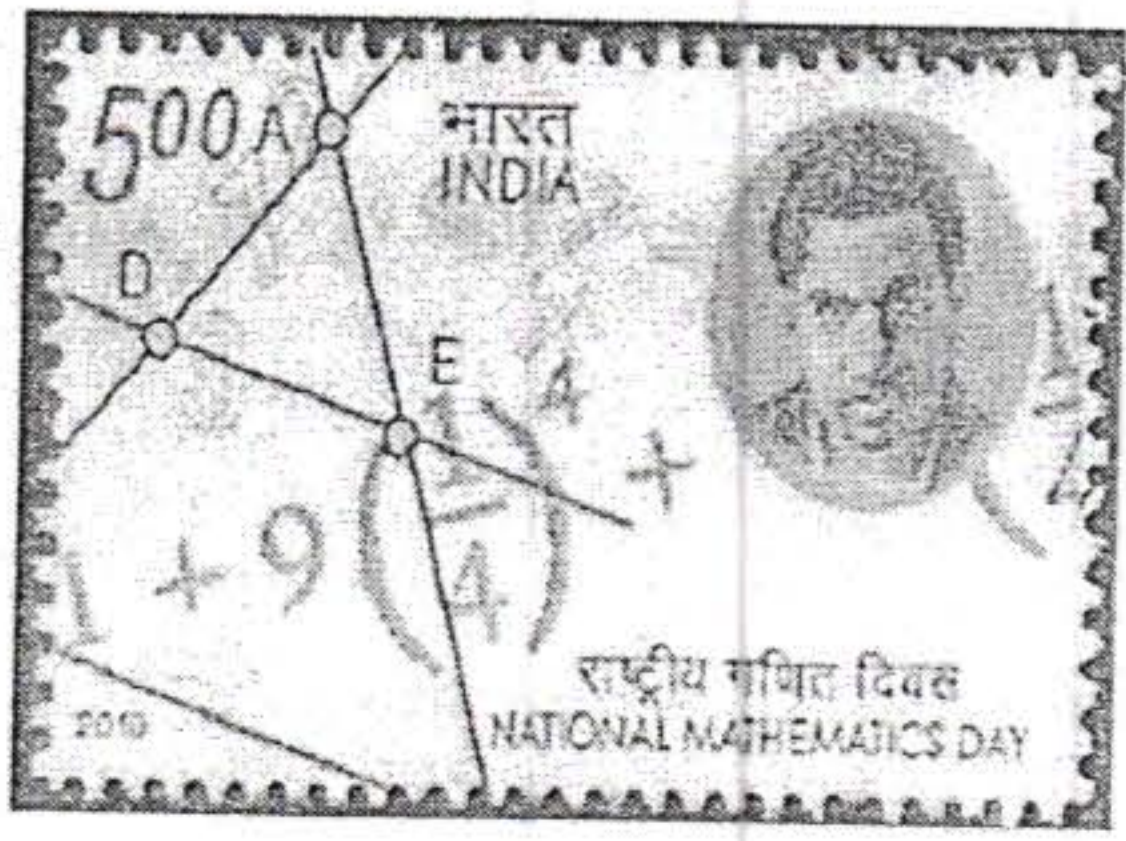
Note:

- Last date for Registration: Dec 21, 2020 (Mon.)
- Registration Link: <https://forms.gle/98SAYdFE6CYu17QBA>
- e-Certificate will be provided
- Registration is Free
- Queries: +91-7892841723, 6300704172, 7904706375

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367







Organized by


Department of Mathematics,
Central University of Karnataka,
Kadaganchi, Kalaburagi-585367





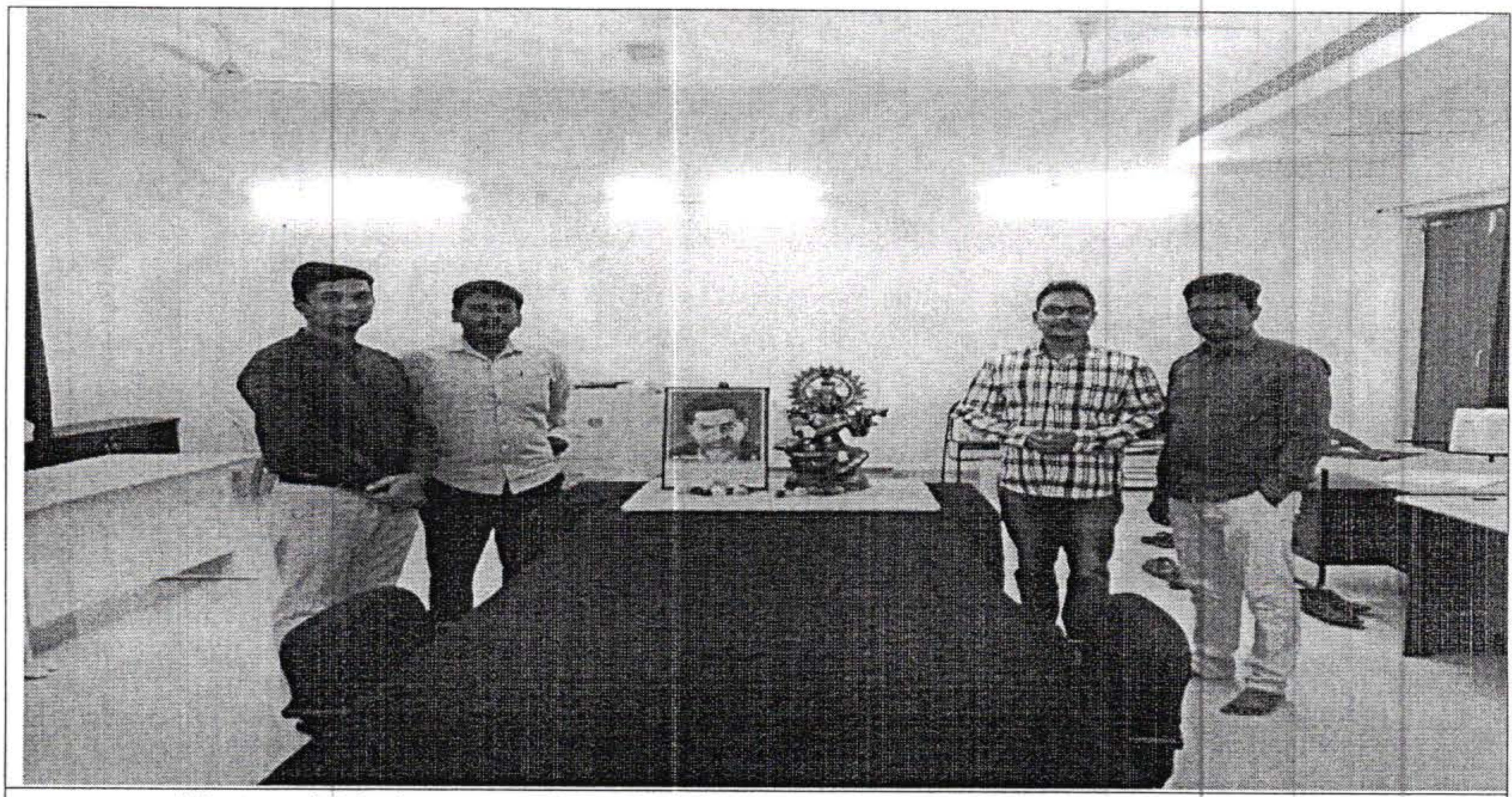
Program Schedule:

Date	Time	Recourse Person	Title of the Talk
22-12-2020	12.00 noon to 1.00 pm	 Prof. Vittal Rao IISc, Bangalore	Ramanujan's Mathemagics
	3.30 pm to 4.30 pm	 Prof. K. R. Vasuki University of Mysore	Ramanujan Eisenstein series identities and their applications
23-12-2020	11.30 am to 12.30 pm	 Dr. Arulalan Rajan IISc, Bangalore	Prime Numbers- Pillars of Modern Security
	3.30 pm to 4.30 pm	 Dr. Atul Dixit IIT Gandhinagar	On generalizations of the third order mock theta functions $\Omega(q)$ and $\mathcal{V}(q)$
24-12-2020	11.30 am to 12.30 pm	 Dr. Bibekananda Maji IIT Indore	Recent developments on Ramanujan's formula for odd zeta values
	3.30 pm to 4.30 pm	 Dr. L. Shangerganesh NIT Goa	Cancer Invasion: Applications of Mathematical Models
	4.30 pm to 4.45 pm		Valedictory



Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

Brief report: The Dept. of Mathematics, CUK organized a three-day “Special Lecture Series on Mathematics” on the eve of National Mathematics Day, 22nd-24th DEC, 2020 through online mode. A total of 6 speakers delivered the invited talks during the program. All UG, PG, and PhD students attended this event. The photographs of the event are given below.



National Mathematics Day Celebrations @Dept. of Mathematics, CUK.

G. J. Reddy
Head, Dept. of Mathematics

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

On the eve of Ramanujan's 134th Birth Anniversary, the Department of Mathematics, School of Physical Sciences, Central University of Karnataka, is Organising

International e-Conference on Number Theory and Differential Equations (ICND-2021)

December 20-24, 2021



About the Conference: The main objective of the conference is to bring researchers, faculty members and students from India and abroad under one platform to share and discuss their research findings and, innovative ideas on recent developments in the fields of Ramanujan Mathematics, Number Theory and Differential Equations. The conference will host the keynote lecture, public lectures and invited talks from eminent speakers across the globe who are willing to share their new findings and results to wider audience, which could motivate some of the researchers to explore in those areas of research and may boost the possibilities of extensive joint work and future collaboration. The conference will also provide a platform for presenting research work by academia.

Call for Papers: The organizers of the conference are inviting research articles within the technical scope of the conference for online presentation. The abstracts not exceeding 250 words and with at least two 2010 AMS Subject Classification numbers along with authors names and their affiliations should be sent directly by email: icnd2021@gmail.com. Paper presenters have to register **only after receipt of the acceptance letter** from the organizers.

Important Dates:

Registration opens	30.11.2021
Abstract submission starts:	30.11.2021
Last date for abstract submission:	14.12.2021
Abstract acceptance notification:	02.12.2021 onwards
Last date for registration:	18.12.2021 (5.00 pm (IST))
Conference dates:	December 20-24, 2021

Registration Fee:

All international participants	INR equivalent of US \$15
For participation	Rs. 100/-
For participation & paper presentation	Rs. 500/-
For industry professional	Rs. 800/-

Click <https://forms.gle/CbcxL6xNMnV9GMXT6> for registration and accepted abstract submission or scan the 1st QR code



List of Speakers:

- Prof. Bruce C. Berndt, University of Illinois, USA
- Prof. George E. Andrews, The Pennsylvania State University, USA
- Prof. K. N. Raghavan, The Institute of Mathematical Sciences, India
- Prof. Shaun Cooper, Massey University, New Zealand
- Prof. Abdelmejid Bayad, Université d'Évry Val d'Essonne, France
- Prof. B. R. Shankar, NITK, Surathkal, India
- Prof. Nayandeep Deka Baruah, Tezpur University, India
- Prof. K. R. Vasuki, University of Mysore, India
- Prof. Ernest X.W. Xia, Jiangsu University, China
- Dr. Atul Dixit, Indian Institute of Technology Gandhinagar, India
- Dr. Meenakshi Rana, Thapar Institute of Engg. & Technology, India
- Dr. Nipen Saikia, Rajiv Gandhi University, India
- Dr. Bibekananda Maji, Indian Institute of Technology Indore, India
- Dr. Barani Balan, Central University of Tamil Nadu, India
- Dr. Gnanavel Soundararajan, Central University of Kerala, India
- Dr. G. Naga Raju, Visvesvaraya National Institute of Technology, India
- Dr. Shane Chern, Dalhousie University, Canada
- Dr. Liuquan Wang, Wuhan University, China
- Dr. Rahul Kumar, Institute for Basic Science, South Korea

Registration fee must be paid by online transfer. The details of account are given below:

Account Number	5109101000001
Account Name	Central University of Karnataka
IFSC	CNRB0005109
MICR	585015520

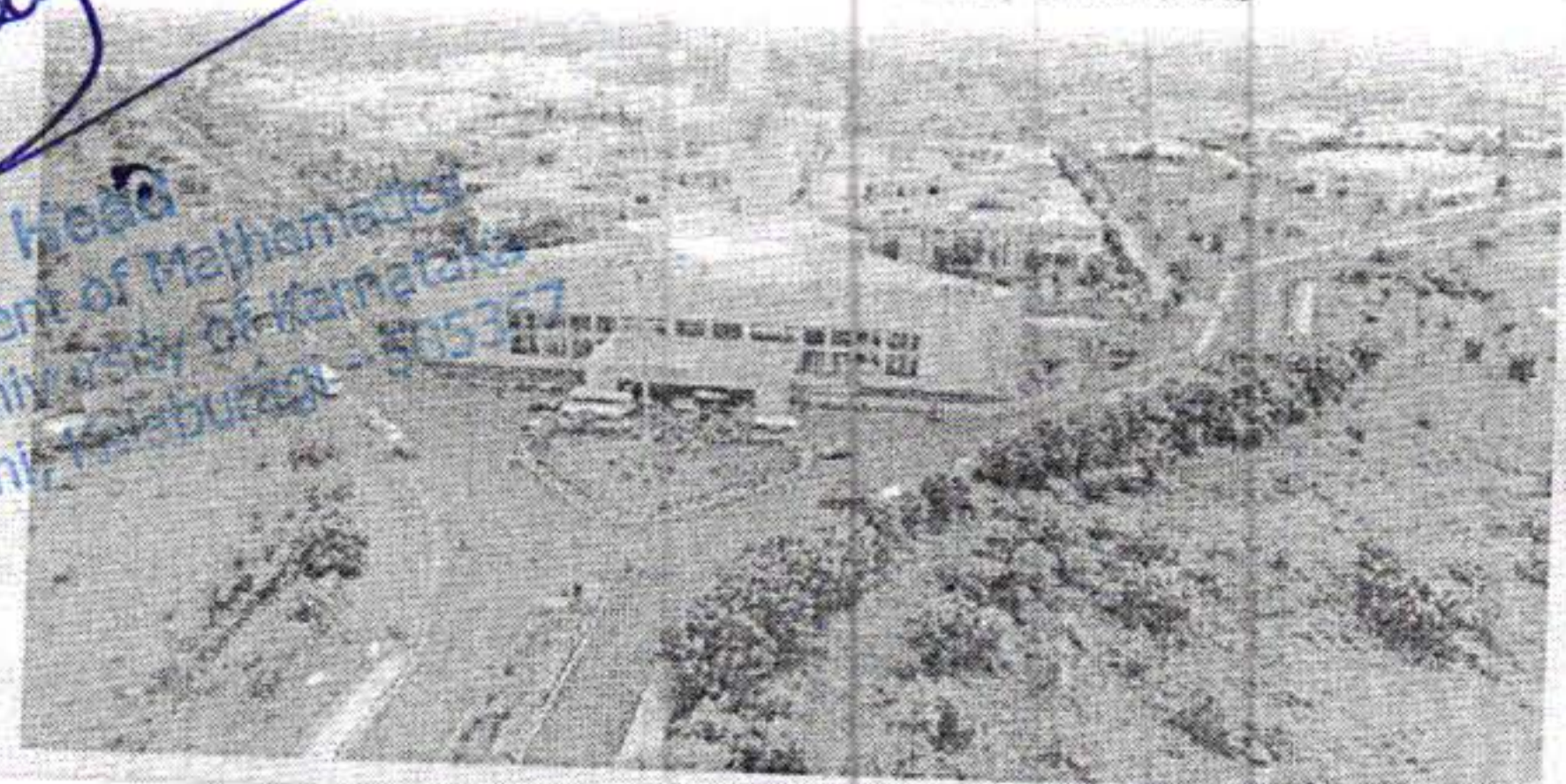
Note:

- ✓ All participants must mention the purpose of the fee payment as ICND-2021.
- ✓ e-certificate will be issued to paper presenters and participants.
- ✓ All academic sessions in the conference will be held through online mode.

[Handwritten Signature]

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Bangalore - 565367

A Bird's-eye View of Central University of Karnataka



For more information and updates, please visit the conference website <https://sites.google.com/cuk.ac.in/icnd-2021> or scan the 2nd QR Code.

About the Central University of Karnataka:

Central University of Karnataka (CUK) was established by an Act of Parliament in 2009. It is a new and budding institution, striving for excellence in education by imparting quality teaching and learning in Sciences, Social Sciences, Humanities, Business Studies, Engineering and Technology. The University is currently offering courses in undergraduate, postgraduate and doctoral degrees. The University has an excellent physical infrastructure and more is on the way. For further information about CUK, please visit www.cuk.ac.in.

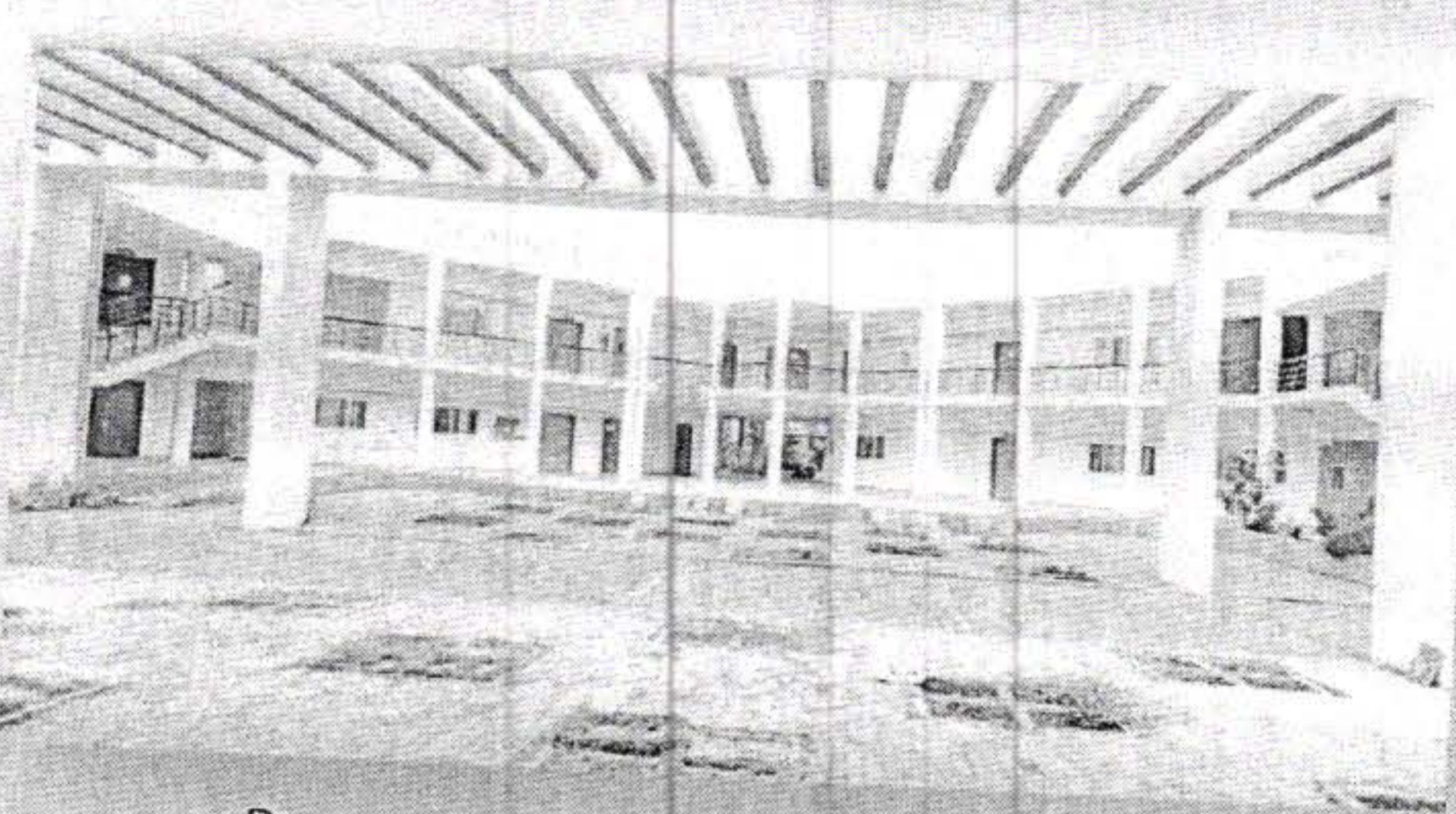
About the School of Physical Sciences:

The School of Physical Sciences was established in 2012 with the Departments of Physics and Mathematics as its constituents. The primary goal of the School is to provide high quality education in various domains of Physics and Mathematics at the Graduate and Postgraduate levels. The academic programmes of the School of Physical Sciences aim at creating an environment that promotes research and innovation. The School is equipped with high-quality infrastructure in terms of well-qualified faculty, well-equipped laboratories, computational facilities, and high quality learning materials in various domains of Physics and Mathematics. This infrastructure would be utilized to create motivated young scientists and Mathematicians capable of contributing to a "Knowledge Society." Towards this end the School of Physical Sciences offer programmes leading to M.Sc. and Ph.D. degrees.

About the Department of Mathematics:

The Department of Mathematics was established in 2012 as a constituent of the School of Physical Sciences. Mathematics is important for all the Departments of CUK. The Department of Mathematics shares the vision of our University in striving for excellence in teaching and research. Currently, the Department not only teaches various topics in Mathematics to undergraduate and postgraduate students of different Engineering and Science Departments, but also runs its own M.Sc. and Ph.D. courses in Mathematics. The areas of research in the Department include Fluid Mechanics, Computational Fluid Dynamics, Finite Difference Methods, Numerical Analysis, Ramanujan's Mathematics and Number Theory. The laboratories in the Department and the computer centres are equipped with modern facilities to provide a good work environment. The students are trained in several computer

programming languages like C, C++, and FORTRAN. They also gain exposure in handling problems through mathematical software like MATLAB, Mathematica, Python, Scilab, Maple, etc.



Department of Mathematics, CUK

Organizing Committee:

Chief Patron
Prof. Battu Satyanarayana,
Hon'ble Vice-Chancellor, CUK, India

Patron
Prof. Basavaraj P. Donur
Registrar, CUK, India

Co-Patron
Dr. Deepak Samuel
Dean, School of Physical Sciences, CUK, India.

Convener
Dr. Sreenivasulu Ballem
Coordinator, Dept. of Mathematics, CUK, India

Organizing Secretary
Dr. Ranganatha D., Asst. Professor, Dept. of Mathematics, CUK, India

- Members**
- Prof. Vishnuvardhan Reddy, Dept. of Physics, CUK, India
 - Dr. G. Janardhana Reddy, Asst. Professor, Dept. of Mathematics, CUK, India
 - Dr. N. Sandeep, Asst. Professor, Dept. of Mathematics, CUK, India
 - Dr. Bharat Kumar, Asst. Professor, Dept. of Physics, CUK, India
 - Dr. Rajeev Joshi, Asst. Professor, Dept. of Physics, CUK, India
 - Dr. Suchismita Sahoo, Asst. Professor, Dept. of Physics, CUK, India
 - Dr. C. Narasimha Raju, DST-Inspire Faculty, Dept. of Physics, CUK, India

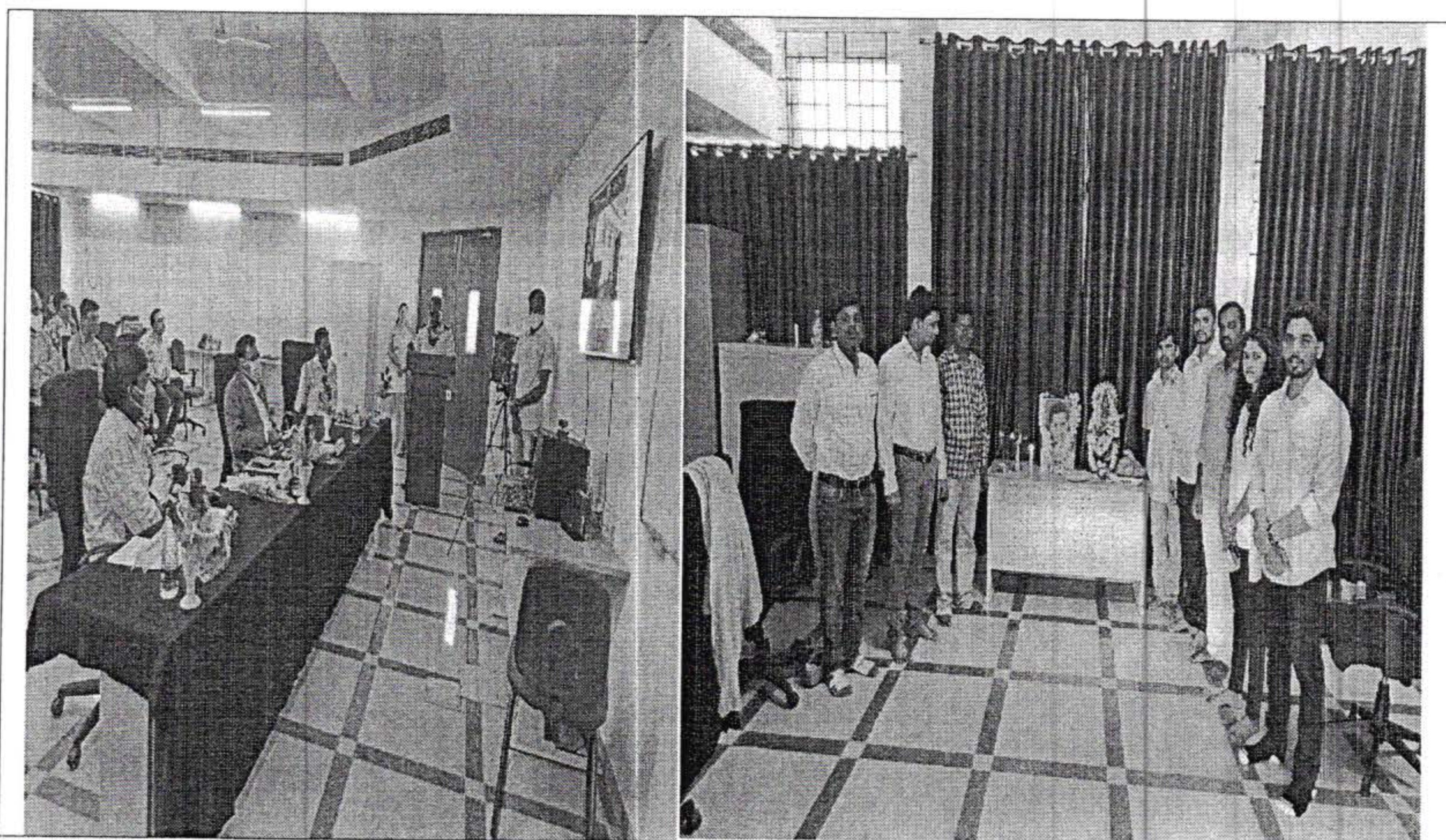
- Advisory Committee**
- Prof. C. Adiga, University of Mysore, Karnataka, India
 - Prof. B. R. Shankar, NITK, Surathkal, Mangaluru, India
 - Prof. Nayandeep Dea Baruah, Tezpur University, Assam, India
 - Prof. K. R. Vasuki, University of Mysore, Karnataka, India
 - Dr. Atul Dixit, Indian Institute of Technology Gandhinagar, India

G. J. Reddy

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

For any correspondence, please reach us at icnd2021@gmail.com or +91 7892841723.

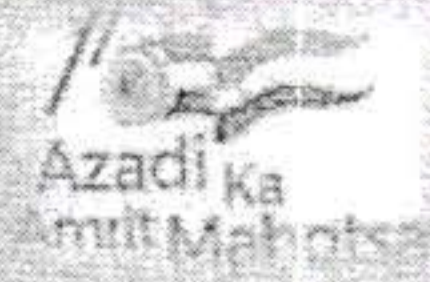
Brief report: The Dept. of Mathematics, CUK Organized International e-conference on Number Theory and Differential equations, December 20-24, 2021 through online mode at Dept. of Mathematics, CUK, Kalaburagi. 19 eminent speakers from India and from abroad will deliver talks on emerging topics in Number theory and Differential equations. In particular, 11 Indian speakers from various leading educational institutions like IMSc., IITs, NITKs, CUs, and other Universities and eight speakers from abroad, namely USA, New Zealand, France, South Korea, China, and Canada. Also planned two public lectures on Ramanujan notebooks and lost notebooks on 23rd December. The world's foremost mathematician gives these two public talks in the work of Srinivasa Ramanujan, namely Prof. G.E. Andrews and Prof. B.C. Berndt. A total of 225 participants are registered for this conference. Also, received 62 abstracts for paper presentation. The photographs of the event are given below.



International e-conference on Number Theory and Differential equations @Dept. of Mathematics, CUK.

G. J. Peary
Head, Dept. of Mathematics

Head
Department of Mathematics
Central University of Karnataka
Kadavanchi, Kalaburagi - 585367



INTERNATIONAL E-SEMINAR ON ADVANCES IN MATHEMATICAL SCIENCES (ISAMS-2022)

(Celebrations of International Mathematics Day)

During: March 14-16, 2022

Organizing by

Department of Mathematics, Central University of Karnataka, Kalaburagi

Department of Mathematics, Sri Venkateswara University, Tirupati

Tentative Schedule:

Date	Morning	Morning	Afternoon	Evening
14-03-2022	Inaugural function during 10:00 am - 11:00 am	Inaugural talk by Prof. Mohammad Ferdows, University of Dhaka, Bangladesh during 11:00 am-12:00 noon	Prof. N.M. Bujurke, Karnatak university, Dhrward, India During 2:00 pm-3:00 pm	Students Activity
15-03-2022	Invited talk by Dr. Kamana Porwal, IIT Delhi, India during 10:20 am-11:20 am	Invited talk by Dr. ANIMASAUN, Isaac Lare, Federal University of Technology, Nigeria during 11:30 am-12:30 pm	Invited talk by Dr. H.P. Rani, NIT Warangal, India during 03:00 pm-04:00 pm	Invited talk by Prof. B.V. Rathish Kumar, IIT Kanpur, India during 04:00 pm-05:00 pm
16-03-2022	-	Invited talk by Prof. Natesan Srinivasan, IIT Guwahati, India during 12:00 noon-1:00 pm	Invited talk by Prof. Nayandeep Deka Baruah, Tezpur University, India during 2:10 pm -3:10 pm	Valedictory function during 3:20 pm - 4:00 pm

Organizing Team

Department of Mathematics

CUK & SVU

G. J. Peary

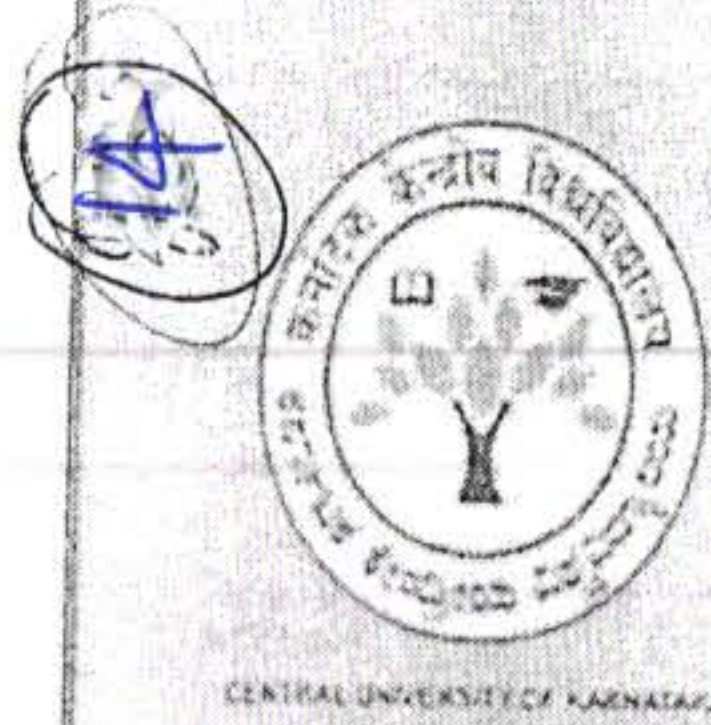
Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

Brief report: The Dept. of Mathematics, CUK Organized International E-Seminar on advances in Mathematical Sciences, March 14-16,2022 through online mode at Dept. of Mathematics, CUK, Kalaburagi. Total 6 speakers across the globe delivered the invited talks during the program. A total of 513 participants are registered for this event across the globe. The photographs of the event are given below.



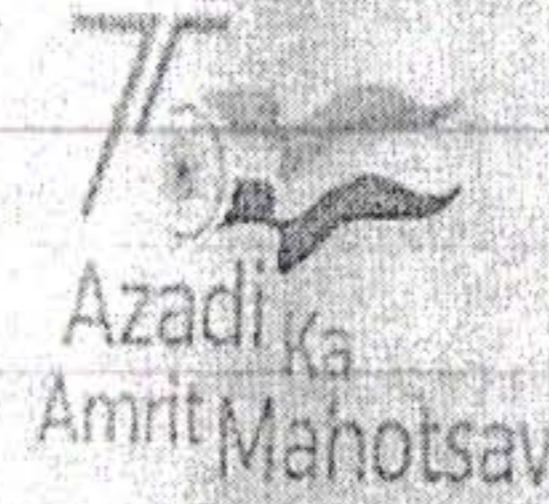
G. J. Reddy
Head, Dept. of Mathematics

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367



International Seminar on Indian Mathematicians and Their Contributions (ISIMTC-22)

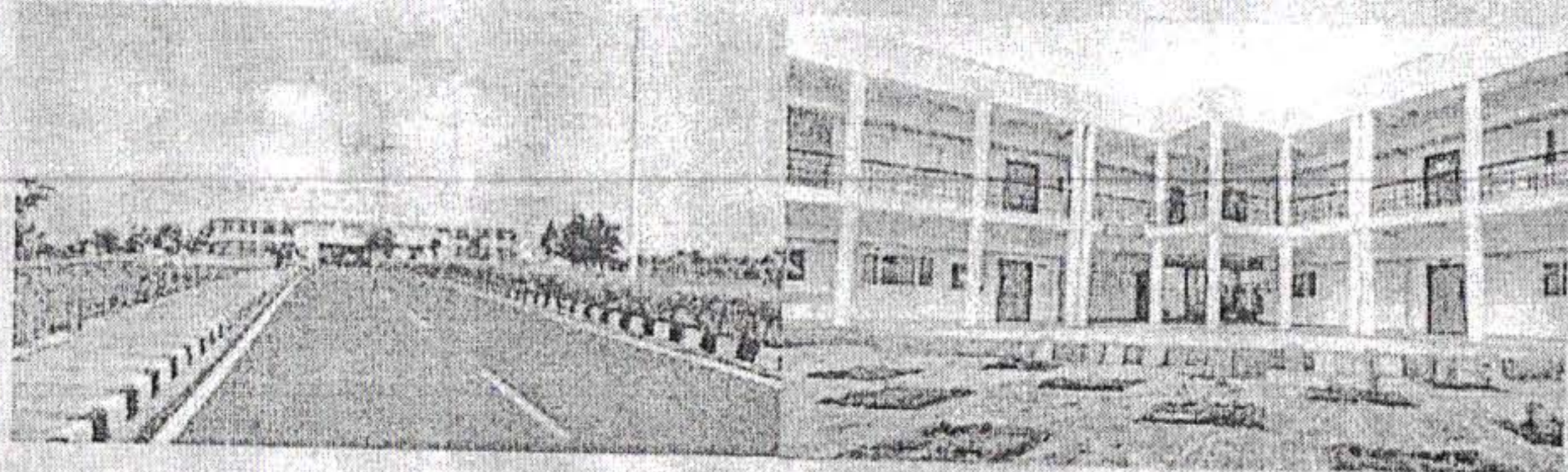
(Celebration of National Mathematics Day-2022)



to commemorate the 135th birth anniversary of Legendary Indian
Mathematician Srinivasa Iyengar Ramanujan



Dates: December 21 - 22, 2022
Venue: Online Mode



Organized by
DEPARTMENT OF MATHEMATICS,
SCHOOL OF PHYSICAL SCIENCES,
CENTRAL UNIVERSITY OF KARNATAKA,
KALABURAGI-585 367, J K A

Speakers:

- Prof. I. N. Cangul, Uludag University, Turkey.
- Prof. V. Kannan, SRM University, Amaravathi, Professor (Rtd.),
Department of Mathematics and Statistics, University of Hyderabad,
India.
- Prof. G. Radhakishnamacharya, IIT Kurnool,
Professor (Rtd.), Department of Mathematics, NIT Warangal, India.
- Prof. J. V. Ramana Murthy, Senior Professor,
Department of Mathematics, NIT Warangal, India.
- Prof. R. C. Prasad, Professor (Rtd.),
Department of Mathematics, Ranchi University, India.
- Prof. Venugopal D. Heroor, Engineer (Rtd.), India.
- Prof. Shriram Chauthaiwale, Professor (Rtd.), Amolakchand
Mahavidyalaya, Department of Mathematics, Yavatma, India.

Note:

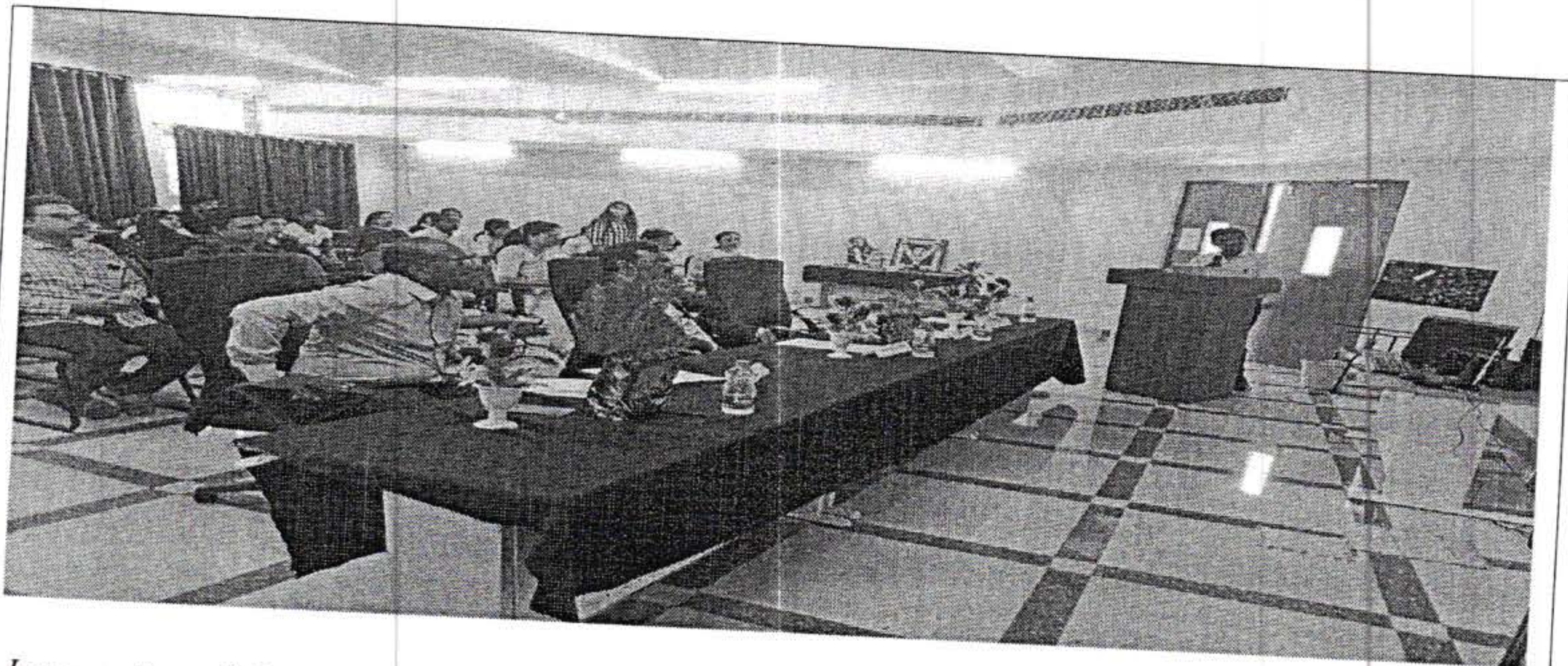
- There is no registration fee
- E-certificate will be provided
- Registration for the program should be done through the
<https://forms.gle/qpyFBzAfiCMppJVR8> or scan the QR code
- Last date for registration: 20th December, 2022



Contact: For any queries, please contact us at
+91 9491472461, +91 9492028629, +91 8220636617, +91 7892841723
E-mail: isimtc22@gmail.com

Head
Department of Mathematics
Central University of Karnataka
Kalaburagi - 585367, J K A

Brief report: The Dept. of Mathematics, CUK Organized an International Seminar on Indian Mathematicians and Their Contributions (ISIMTC-2022), 22.12.2022 on the eve of the 123rd Birth Anniversary of Srinivasa Ramanujan (National Mathematics Day) at Dept. of Mathematics, CUK, Kalaburagi. A total of 7 speakers across the globe delivered the invited talks during the program. A total of 940 participants are registered for this event across the globe. The photographs of the event are given below.



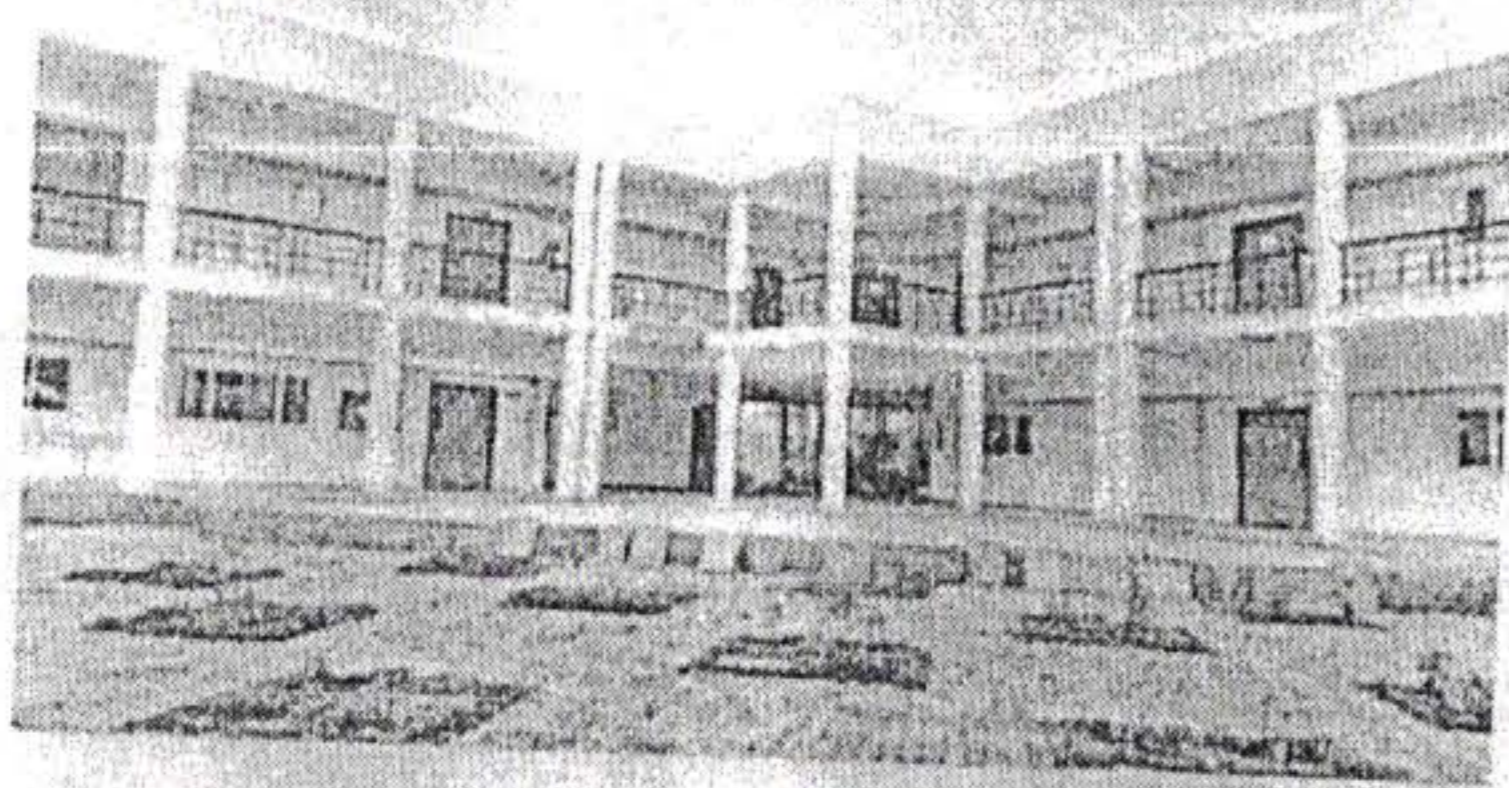
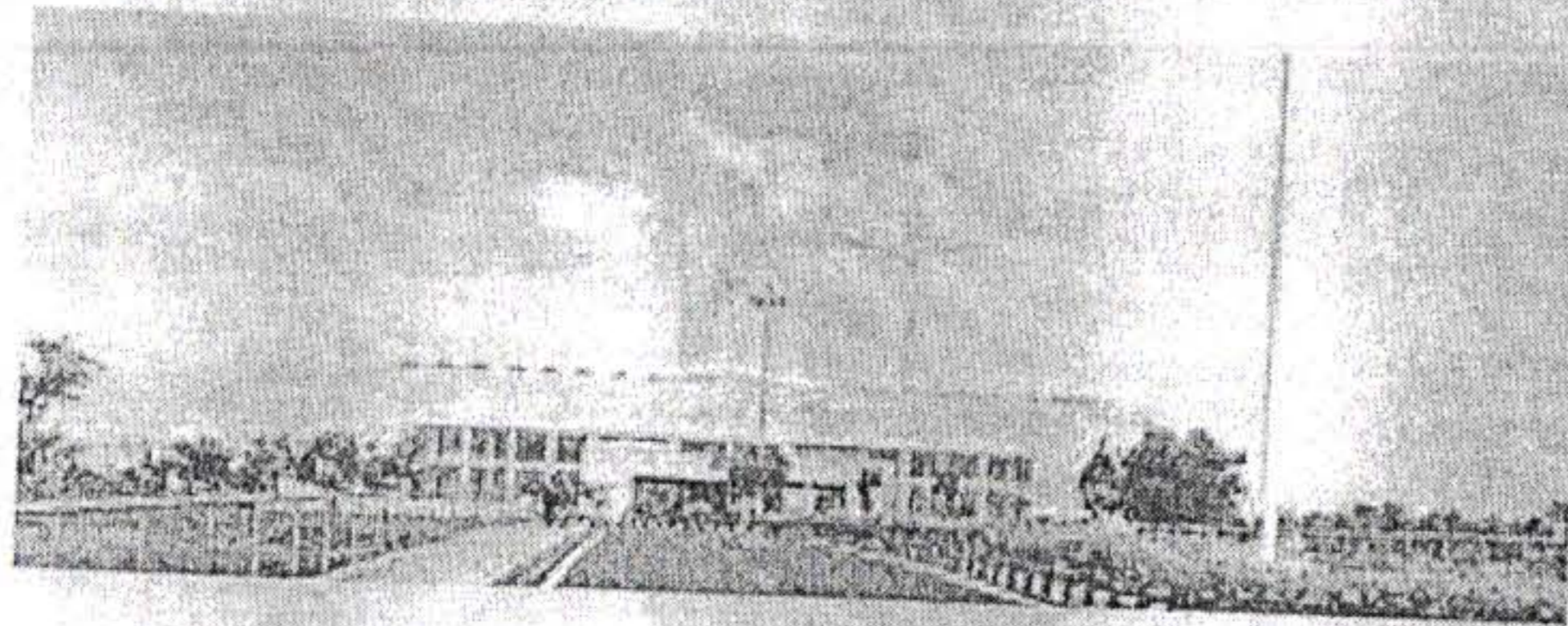
International Seminar on Indian Mathematicians and Their Contributions @Dept. of Mathematics, CUK.

G. J. Reddy
Head, Dept. of Mathematics

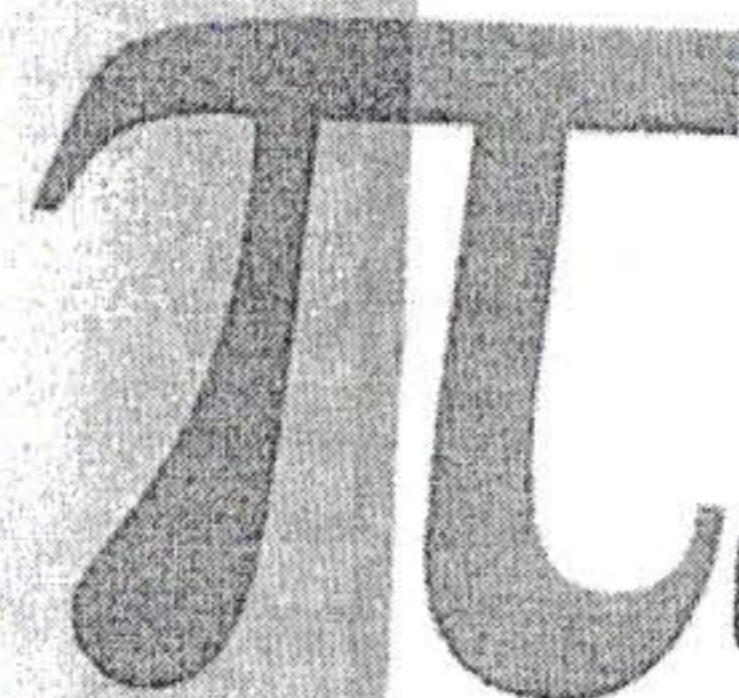
Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

9/11

SPECIAL LECTURES IN MATHEMATICS (ON THE EVE OF) INTERNATIONAL MATHEMATICS (π) DAY



ORGANIZED BY
DEPARTMENT OF MATHEMATICS
SCHOOL OF PHYSICAL SCIENCES
CENTRAL UNIVERSITY OF KARNATAKA
KALABURAGI



Pi Day is an annual celebration of the mathematical constant π .

Pi Day is observed on **March 14** since 3, 1, and 4 are the first three significant figures of π . It was founded in 1988 by Larry Shaw, an employee of the San Francisco, California science museum, the Exploratorium.

Resource Persons



Prof. Y. N. Reddy
NIT Warangal, TS



Prof. Suman Kumar
University of Hyderabad, TS



Prof. Navandeeep
Deka Baruah
Tezpur University, Assam



Prof. J. C. Umavathi
Gulbarga University, KA

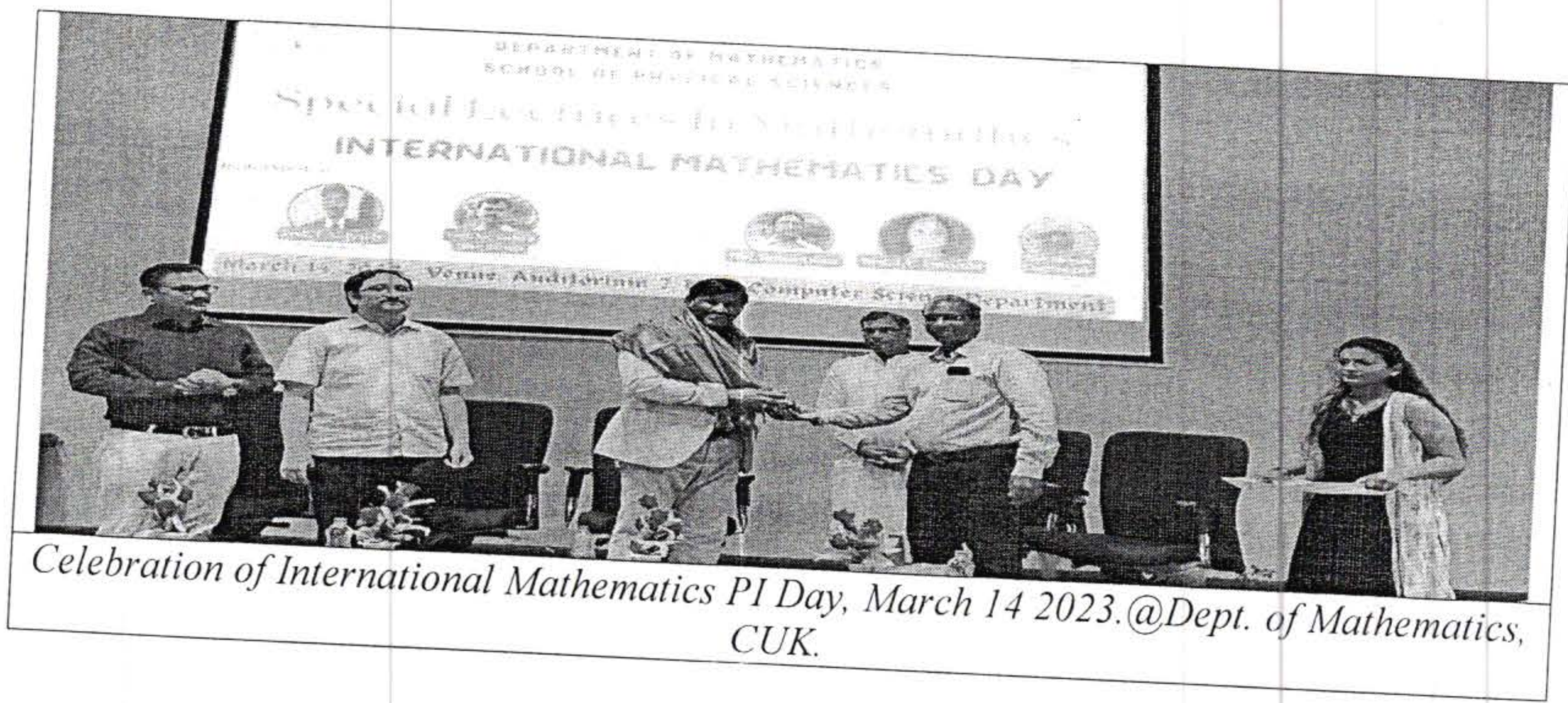


Prof. Shriram
Chauthaiwale
Amolakhchand Mahavidyalaya
(Retired), MH

Prof. J. C. Umavathi
Head
Department of Mathematics
Central University of Karnataka
Kalaburagi - 585357

ALL ARE CORDIALLY INVITED

Brief report: The Dept. of Mathematics, CUK Organized Special Lectures in Mathematics on the eve of International Mathematics (Pi) Day, March 14 2023. Total 7 speakers delivered the invited talks during the program. All UG, PG & PhD students attended this event. The photographs of the event are given below.



G. J. Ready

Head, Dept. of Mathematics

Head
Department of Mathematics
Central University of Karnataka
Kadaganchi, Kalaburagi - 585367

5.1.3 5.1.3

CENTRAL UNIVERSITY OF
KARNATAKA
(Established by an Act of the
Parliament in 2009)
Department of Hindi



Kadaganchi, Aland Road, Kalaburagi
Dist- 585 367Karnataka
Phone: (08472) 267663; Fax : 226726
Website: www.cuk.ac.in
E-mail : hodhindi@cuk.ac.in

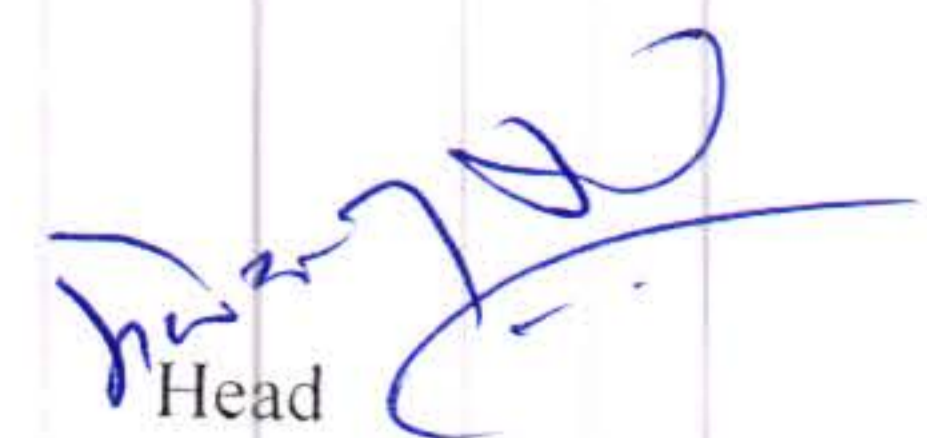
Prof. Ganesh B. Pawar
Head, Dept. of Hindi

REPORT ON ACTIVITIES HELD IN THE DEPARTMENT OF HINDI

For the academic year 2018-19 , the following activities held at the dept of Hindi . which made the students to improve their language and literature level.

REPORT OF ACTIVITIES: 2018 - 19

S. No	Date of the Event	Name of the Event/Activity	No. of Students Attended	Event/Activity Details
1	03-08-2018	PREM CHAND 138 vi JAYANTI KARYAKRAM AYOJIT KIYA GAYA	29	"
2	10-08-2018	FILM PRADARSHAN - PADMAVAT	28	"
3	24-08-2018	KARYAKRAM SANCHALAN PRASHIKSHAN	27	"
4	31-08-2018	CHILDREN OF HEAVER FILM PRADARSHAN MAZIDAM ZID	28	"
	07-09-2018	KRISHNA BALADEV KRUT NATAK ANTH KA UJLA	29	"
	14-09-2018	KOT (MARATI) FILM PRADARSHAN	23	"
	05-10-2018	ANTAR ANUSHASANATMAK VYAKUYAN MALA 3 ITAHAS LEKHAN KE VIVIDH AYAM DR. NAZARUL BARI	28	"
	12-10-2018	OM PRAKASH VALMIKI KI KAHANI PACHHIS CHOAU KA DED SAUKA	26	"


Head

Dept. of Hindi
विभागाध्यक्ष / HEAD
हिन्दी विभाग

Department of Hindi
कर्नाटक केन्द्रीय विश्वविद्यालय
Central University of Karnataka

Computing Skill
Eng SoE 2022

PIL)

20

School of Engineering

Dept of Electrical Engineering

TWO DAY WORKSHOP

ON APPLICATIONS OF DSPACE CONTROLLERS

- Start time: **25 Aug 2022 -26 Aug 2022**
- End time: **9:30 AM- 05:00 PM**

DynaFusion was established in 2009 with a mission to provide world-class solutions to the engineering community. Cherishing rich experience in leading products like dSPACE, the company has incubated many technology businesses and spearheaded their phenomenal growth.

DynaFusion is the most preferred development partner in the automotive industry, aerospace, and industrial automation, specializing in engineering tools for developing and testing mechatronic control systems. The Company's forte lies in working with technologies such as Modelling, Rapid Control Prototyping (RCP), ECU auto coding, Hardware-in-Loop Simulation (HILS), and Test Automation. This workshop comprises 4 sessions over 2 days

- About Dynafusion and Dspace
- DSpace controllers
- Experimenting on the DS1104 and DS1202 controllers

Central University of Karnataka | School of Engineering
IEEE PES Student Branch CUK & Dept of Electrical Engineering

Presents

A Two Day Workshop on
"Applications of DSpace Controllers"

By Mr. Vikash
DynaFusion Pvt Ltd. Bangalore

25/08/22-26/08/22

Registration Link
https://bit.ly/Dspace_Controller_Workshop

Venue:
D-8 Block, Ground Floor, School of Engineering

Under the Guidance Of
Dr. Veeresh G K, Dean, School of Engineering

Organisers:
Dr. Arunkumar Patil, Branch Advisor
Dr. Santosha Kumar A, Branch Counsellor

Student co-ordinator:
Kavya Kamal | Nithin



21

Day 1:

25/10/2022

9:30 am to 12:30 pm

Introduction to DynaFusion and their technologies

- Getting Started with DynaFusion and their process
- About V-cycle
- DSpace Applications
- Explanation of RTI block sets
- Exploring the applications of DSpace controllers
- Introduction to Controller Development procedure

1:30 pm to 4:30 pm

Control Desk Software and DS1104 controller

- Introduction to Control desk software
- Creating projects and working on the control desk
- Working on exercises
- Developing controller action and verifying through Control desk software
- Introduction to DS1104 controller

Day 2:

26/10/2022

9:30 am to 12:30 pm

Introduction about DS1202 controller and hands-on session

- Hands-on session on DS1104 controller
- Introduction to DS1202 (Microlab box) controller
- Introduction to Simulink modeling
- Integration of MATLAB with control desk

- Understanding of file extensions and types of files generated by control desk software

1:30 pm to 4:30 pm

Experimenting with DS1104 and 1202 hardware

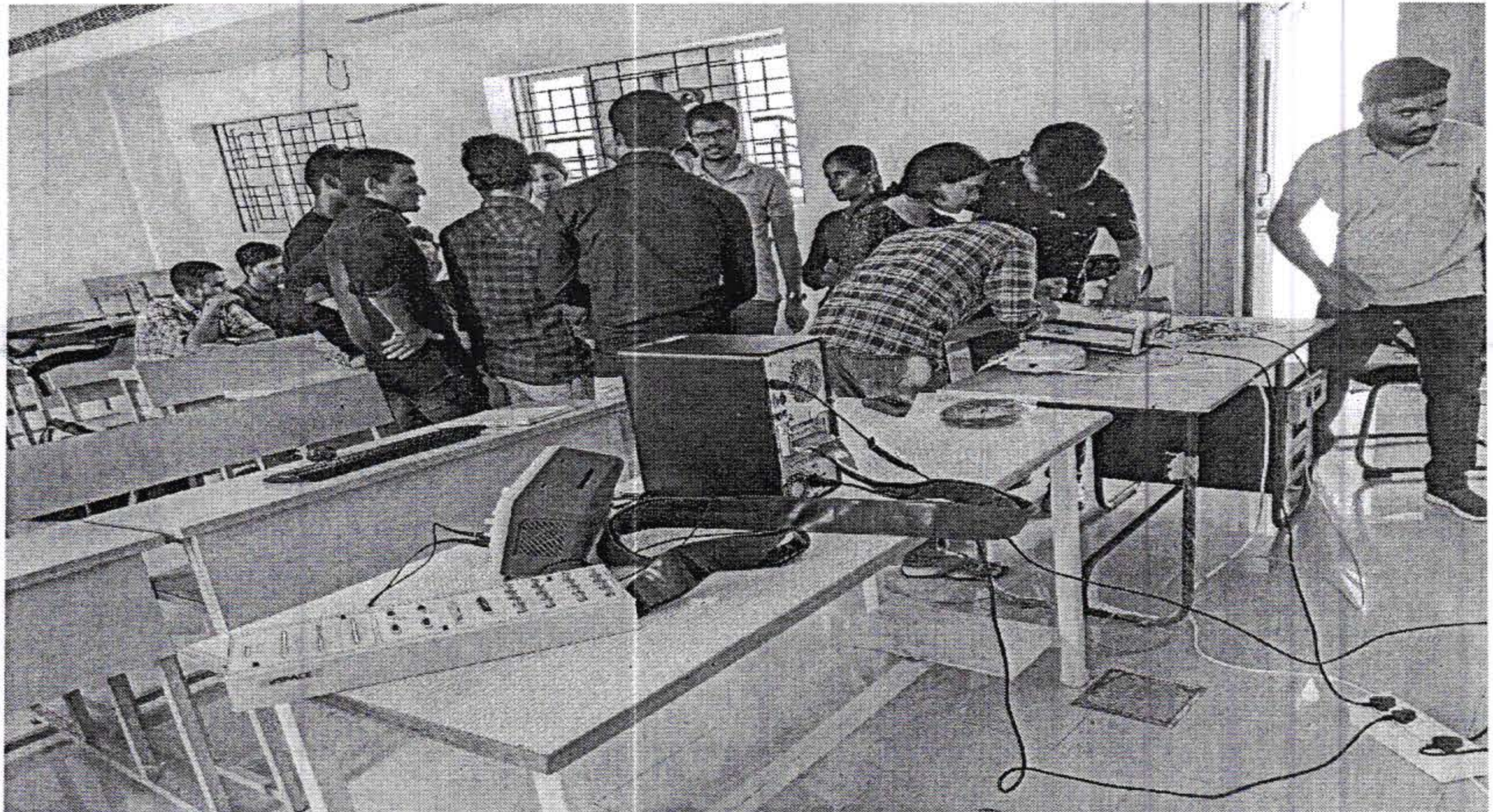
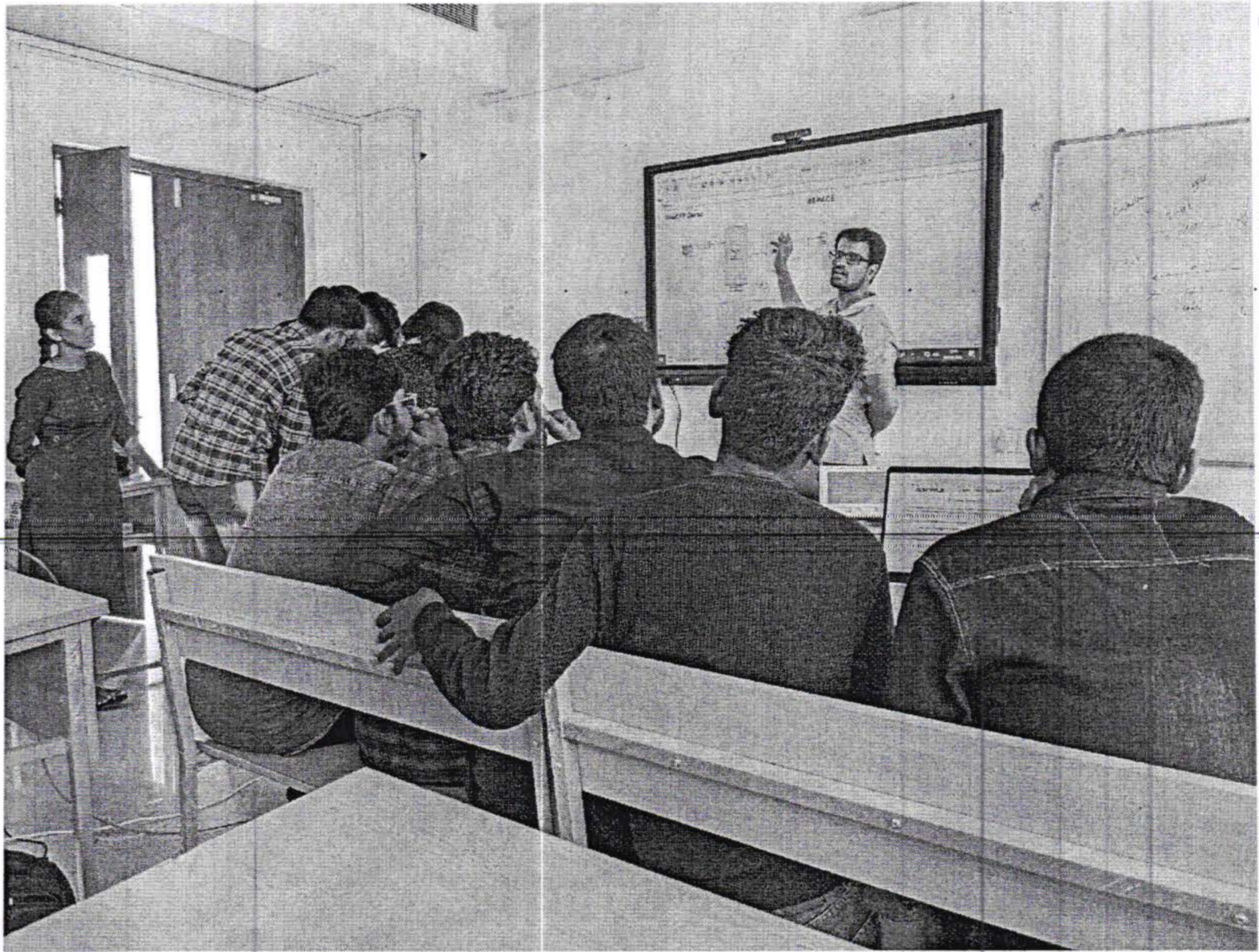
- Assignment Problems
- Solving the exercise problem
- Interfacing of DS1104 hardware
- Experimenting with DS1104 and DS 1202
- Working on DSpace apps and software
- Controlling of AC motor drive with Dspace controllers

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इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
कर्नाटक केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कडगंचि कलबुर्गी / Kadaganchi Kalaburagi - 585 367.

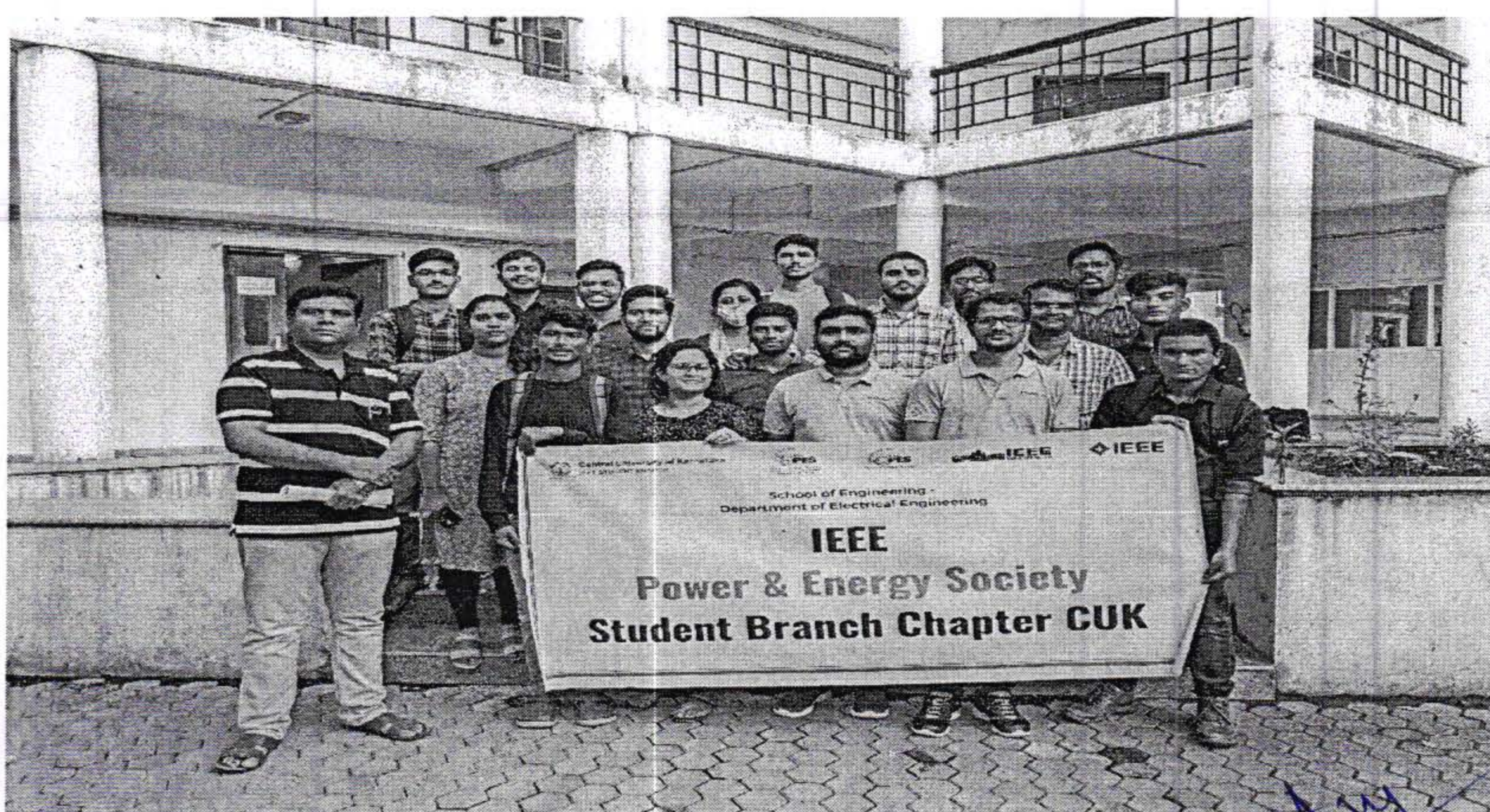


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Dept. of Electrical Engineering
ईलेक्ट्रिकल अभियंत्रिकी विभाग / Central University of Karnataka
कर्नाटक केन्द्रीय विश्वविद्यालय / Kadaganahalli Kalaburagi - 585 367.



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इलेक्ट्रिकल अभियंत्रिकी विभाग / Dept. of Electrical Engineering
सेंट्रल केन्द्रीय विश्वविद्यालय / Central University of Karnataka
कादागंची कलबुरगी / Kadaganchi Kalaburagi - 585 367.