



CENTRAL UNIVERSITY OF KARNATAKA

(Established by an Act of Parliament in 2009)

Kadaganchi, Kalaburagi-585367, India, Website: www.cuk.ac.in

School of Computer Sciences



Central University of Karnataka

You are all cordially invited for...

INAUGURATION

of

A Three – Day National Level Workshop On Computer Networks & Cyber Security Threats and New Computer Laboratory

Date :- 31st January, 2024, Time :- 10.00 AM

Chief Guest

Prof. Battu Satyanarayana

Hon'ble Vice Chancellor

Central University of Karnataka

Guest of Honor

Prof. R. R. Biradar

Registrar

Central University of Karnataka

Mr. Manjunath Kashyap

Airowire Pvt. Ltd, Bangalore

Dr. A. K. Kannur

Professor, Dept. of CSE

BLDE of College Engineering, Bijapur

Prof. Srikantaiah K C

Convener

Dean and HOD

Department of Computer Science

Prof. R. S. Hegadi

Dean, Student Welfare

Central University of Karnataka

Dr. N. V. Dharwadkar

Organizing Secretary

Associate Professor,

Department of Computer Science,

-: Coordinators :-

Dr. Kagale Madhuri Raghunath

Dr. Sukanya Gaikwad

Dr. Parshuram M. Kamble

Ms. Shilpa Sthavarikmath

Dr. Gururaj Mukarambi

Mrs. Poornima E. G

Mr. Bapu D. Chendage

Mr. Parasuram J. C.

Venue: Seminar Hall, Block No. D17, School of Computer Sciences, CUK

Organized by: Department of Computer Science, CUK.



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VALEDICTORY

of

**A Three – Day National Level Workshop On
Computer Networks & Cyber Security Threats**

Date :- 2nd February 2024, Time :- 4 PM

Chief Guest

Shri. Kota Sai Krishna

Controller of Examinations,

Finance Officer (FAC)

Central University of Karnataka

Guest of Honor

Mr. Shashikant Hippargi

Associate Professor, Dept. Of Etc,
Sinhgad College Of Engineering, Solapur

Dr. Narayan D.G.

Professor, Dept. of CSE,
KLE Technological University, Hubballi

Prof. Srikantaiah K C

Convener
Dean and HOD
Department of Computer Science

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Central University of Karnataka

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-: Coordinators :-

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◆ **Dr. Parshuram M. Kamble**

◆ **Dr. Gururaj Mukarambi**

◆ **Mr. Bapu D. Chendage**

◆ **Dr. Sukanya Gaikwad**

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Venue: Seminar Hall, Block No. D17, School of Computer Sciences, CUK

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Central University of Karnataka

School of Computer Sciences Department of Computer Science

A Three - Day National Level Workshop On **Computer Networks & Cyber Security Threats** Workshop Schedule

Time	Event
31/01/2024 (Day 1)	
09.00 AM to 10.00 AM	Registration
10:00 AM to 10:45 AM	Inauguration Function
10:45 AM to 11:00 AM	Tea Break
11:00 AM to 1:00 PM	Introduction to Computer Networks/ Fundamentals and Basics/ Hands on Demo: Mr. Manjunath and his team from Airowire, Pvt, Ltd, Bangalore
1:00 PM to 2: 00 PM	Lunch Break
2:00 PM to 4 :00 PM	Fundamentals of Computer Networks and Cisco Packet Tracers: Dr. Anil K. Kannur, Professor, Dept of CSE, BLDEACET, Bijapur
4.00 PM to 4:15 PM	High Tea Break
4:15 PM to 5:45 PM	Continued session of : Fundamentals of Computer Networks and Cisco Packet Tracers: Dr. Anil K. Kannur, Professor, Dept of CSE, BLDEACET, Bijapur
01/02/2024 (Day 2)	
09:30 AM to 11:00 AM	Introduction to Information Security/Cyber Security Fundamentals Hands on Demo: Mr. Manjunath and his team from Airowire, Pvt, Ltd, Bangalore
11:00 AM to 11:15 AM	Tea Break
11:15 AM to 1:00 PM	Introduction to Information Security/Cyber Security Fundamentals Hands on Demo: Mr. Manjunath and his team from Airowire, Pvt, Ltd, Bangalore
1.00 PM to 2.00 PM	Lunch Break



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School of Computer Sciences

Department of Computer Science

Time	Event
01/02/2024 (Day 2)	
2:00 PM to 4.00 PM	Recent trends and Technology in Computer Networks: Blockchain Technology: Dr. Vijay Kalmani, Professor, Dept of CSE, RIT, Islampur.
4.00 PM to 4:15 PM	High Tea Break
4:15 PM to 5:45 PM	Introduction to Network Simulators, CISCO Packet tracer Fundamentals Hands on Demo: Mr. Shashikant Hippargi, Sinhgad College of Engg, Solapur
02/02/2024 (Day 3)	
09:30 AM to 11:00 AM	Introduction to Network Simulators, CISCO Packet tracer Fundamentals Hands on Demo: Mr. Shashikant Hippargi, Sinhgad College of Engg, Solapur
11:00 AM to 11:15 AM	Tea Break
11:15 AM to 1:00 PM	Practical experimental demo of 10 experiments on CISCO Packet tracer: Mr. Shashikant Hippargi, Sinhgad College of Engg, Solapur .
1.00 PM to 2.00 PM	Lunch break
2.00 PM to 4.00 PM	Cloud computing trends and Technologies: Dr. Narayan D.G., Professor, Dept. of CSE, KLE Technological University, Hubballi
4.00 PM to 4:30 PM	Closing session/ Valedictory Session

Prof. Srikantaiah K C

Convener

Dean and HOD

Department of Computer Science

Dr. N. V. Dharwadkar

Organizing Secretary

Associate Professor,

Department of Computer Science,

ABOUT CENTRAL UNIVERSITY OF KARNATAKA

The Central University of Karnataka (CUK) has been established by an Act of the Parliament (No. 3 of 2009) at Kalaburagi, Karnataka. It is one of the 16 new Central Universities established by the Government of India during the UGC XI Plan Period to address to the concerns of 'equity and access' and to increase the access to quality higher education by people in less educationally developed districts which have a Graduate Enrolment Ratio of less than the national average of 11%. The CUK, with its territorial jurisdiction all over Karnataka has been initiated its activities from the academic year beginning August 2009 in keeping with the philosophy of achieving and maintaining the highest levels of academic excellence, sensitivity to equity and access in enrolment and recruitment and emerging as a premier national educational and research institution in the country. The University has 654 acres campus, situated near Kadaganchi village in the district of Kalaburagi, Karnataka State. It is claimed that

CUK is the first Central University to move to its permanent campus in a short time among the new ones. The main objective of this growing University is to integrate teaching, learning, training, research, innovation and skill development with an aspiration to excel in undergraduate, post graduate and doctoral studies. The University offers programmes in six major areas: Arts, Humanities, Social Sciences, Management, Sciences, and Engineering. The University is working towards making the campus green, energy efficient and sustainable

ABOUT SCHOOL OF COMPUTER SCIENCE

The School of Computer Sciences at Central University of Karnataka was started in 2012. The motto of the School is to create sophisticated and skilled professional for next generation computing world. The School has high quality infrastructure in terms of well qualified faculty and Computational facilities in various domains of computing. In addition to such facility, the Department aims to create an ambience for learning and research for the students as well as the faculty. Department of Computer Science presently offers the programs namely B.Sc.(Computer Science), Master of Computer Applications (MCA),

and Doctor of Philosophy in Computer Science (PhD).

The B.Tech. in Computer Science and Engineering (AI & ML) will be started from academic year (2024-2025). The learner centric approach is ensured through student seminars, assignments, project work, visits etc. making students a part of the research done by the faculty and publications in refereed journals. Syllabus has been designed keeping in view requirement of the industry and regularly updated with the latest technology. Innovative Student Projects with new ideas is part of curriculum.

HOW TO REACH CUK

Kalaburgi (formerly known as Gulbarga) is accessible by air, rail and road from all parts of India. Nearest international airport to Kalaburgi is located in Hyderabad, at a distance of nearly 230 km. The city is well connected with all major cities of India like Bengaluru, Hyderabad, Mumbai, Pune and Chennai through a number of regular trains. Buses also operate regularly between Kalaburgi and cities like Bengaluru, Hyderabad, Mumbai.

The safer and faster way to reach CUK is by KSRTC bus from Kalaburgi Central Bus Stand. The Central Bus Stand is easily accessible by city buses plying frequently or by autorikshaws. The buses going to Aland and Solapur usually found on platform 10 at Central Bus Stand, will stop at the CUK Campus, Kadaganchi.

REGISTRATION LINK

Participants may register by clicking link or scanning the QR code below on or before last date of registration.

<https://forms.gle/HLdYit6S4wfAVtZg8>



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कर्नाटक केन्द्रीय विश्वविद्यालय
CENTRAL UNIVERSITY OF KARNATAKA
(Established by an Act of Parliament of India in 2009)



A Three – Day National Level Workshop

on

Computer Networks & Cyber Security Threats



Organized by

**Dept. of Computer Science
School of Computer Science
Central University of Karnataka**

From 31st Jan. to 2nd Feb. 2024

Venue: Seminar Hall, Block No. D17,
Dept. of Computer Science, CUK

Website: www.cuk.ac.in

ABOUT WORKSHOP

The workshop on "Computer Networks and Cyber security Threats" aims to provide participants with a comprehensive understanding of the intricate relationship between computer networks and the evolving landscape of cyber security threats. The workshop covered fundamental concepts of computer networks, including network architectures, protocols, and communication models.

The focus shifted to cyber security, delving into various threats and vulnerabilities that modern networks face. Participants will gain insights into common attack vectors, such as malware, phishing, and denial-of-service attacks, along with the methods used by cybercriminals to exploit weaknesses in network security.

The workshop emphasizes the importance of proactive measures, such as encryption, firewalls, and network segmentation, in mitigating cyber security risks. Additionally, discussions covered emerging trends in cyber threats and the role of artificial intelligence in enhancing cyber security defenses.

Overall, the workshop provides a valuable platform for participants to enhance their knowledge of computer networks and cyber security, equipping them with practical skills to address the dynamic and evolving landscape of cyber threats.

OBJECTIVES OF WORKSHOP

- To introduce about the fundamentals of Computer Networks in various domains of Engineering and science.
- To provide a platform for academicians, researchers and industry experts to enrich their knowledge in the domain of Computer Networks and Cyber Security so as to provide solutions for various real world applications

TOPICS WILL BE COVERED

- Introduction to Computer Networks
- Cyber Security Threat Landscape
- Cryptography and Data Protection
- Firewalls and Intrusion Detection Systems(IDS)
- Network Simulators NS2
- Routing Protocols
- Emerging Technologies and Threats
- Legal and Ethical Aspects of Cyber security

PARTICIPANTS:

Academicians, Students, Teachers, Research Scholars, Industry Representatives.

RESOURCE PERSONS

Resource persons have a vast experience and knowledge in the field of Computer Networking and Cyber Security. The Industry and academic experts are from NIT/VTU, and other renowned institutes, and industry.

- **Dr. Purshottam B R**, Associate Professor, NIT Surathkal
- **Mr. Manoj Patil**, Team lead, Brain Enterprise, Hyderabad
- **Vijet Aihole**, Airowire, Bangalore
- **Dr. Anil K. Kannur**, Professor Dept of CSE, BLDEA College of Engg, Bijapur
- **Mr. Shashikant Hippargi**, Associate Professor, Dept. of ETC, Shihgad College of Engg., Solapur
- **Dr Vijay Kalmani**, Professor, Dept. of CSE, RIT, Islampur
- **Mr Manjunath & Team**, Airowire, Bangalore
- **Prof Shivananda R. Poojara**, Professor Institute of Computer Science, Tartu, Estonia

IMPORTANT DATES

Last date of Registration: **30-01-2024**

Last date of Payment : **30-01-2024**

REGISTRATION DETAILS

Registration Fee: RS. 200/- (for CUK Students)
RS. 500/- (For other Institute/University Students)

PAYMENT DETAILS

Bank Account Details:

Account Holder Name: Central University of Karnataka

Account No: 5109101000001

IFSC: CNRB0005109

MICR: 585015520

Bank: Canara Bank,

Branch: Central University Campus Aland Road Kadaganchi-585311

CONTACT DETAILS

If you have any query regarding registration process please feel free to contact to :

Name: **Dr. N. V. Dharwadkar**

Associate Professor, Dept. of Computer Science

Email : dhawadkarn@cuk.ac.in

Mob. No. : **9845857935**

ORGANIZING COMMITTEE

CHIEF PATRON

Prof. Battu Satyanarayana

Vice - Chancellor, CUK

PATRON

Prof. R. R. Biradar

Registrar, CUK

ADVISORY COMMITTEE MEMBERS

Prof . L. M. Patnaik, Former VC, DIAT, Pune

Prof . Venugopal K.R., Former VC, Bangalore University

Dr. B. B. Amberker, Rtd. Professor, NIT Warangal

Prof. P. S. Hiremath, KLE Tech. University, Hubballi

Prof. B. V. Dhandra, Garden City University, Bangalore

Prof. R. S. Hegadi, Central University of Karnataka,
Kalaburagi

CONVENER

Prof. Srikantaiah K C

HoD, Dept. of Computer Science, CUK

Dean, School of Computer Science, CUK

ORGANIZING SECRETARY

Dr. N. V. Dharwadkar

Associate Professor,

Department of Computer Science, CUK

COORDINATORS

Dr. Kagale Madhuri R, Dept. of Computer Sci., CUK

Dr. P. M. Kamble, Dept. of Computer Sci., CUK

Dr. Gururaj Mukarambi, Dept. of Computer Sci., CUK

Ms. Shilpa Sthavarikmath, Dept. of Computer Sci., CUK

Dr. Sukanya Gaikwad, Dept. of Computer Sci., CUK

Mr. Parasuram J. C., Dept. of Computer Sci., CUK

Mrs. Poornima E. G., Dept. of Computer Sci., CUK