

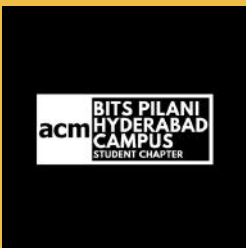
COMPUTING AND ELECTRONICS RESEARCH SUMMIT



BROCHURE 2022



ABOUT US



CERES AIMS TO CREATE AWARENESS OF OPPORTUNITIES IN THE FIELD OF RESEARCH BY BRINGING TOGETHER RESEARCHERS AND ENTHUSIASTS FROM DIVERSE DISCIPLINES IN AN EXCITING BLEND OF TALENT AND CURIOSITY. THE TWO-DAY EVENT TO BE HELD ON 30TH & 31ST MARCH 2022 WILL FEATURE WORKSHOPS, PRESENTATIONS, DISCUSSIONS AND MUCH MORE TO FOR EVERYONE TO TAKE PART IN.

WORKSHOPS

FIRST WORKSHOP

OUR FIRST WORKSHOP WILL TAKE YOU THROUGH THE BASICS OF RESEARCH AND GIVE YOU INSIGHT ON HOW TO BEGIN AND THE MYRIAD OF CAREER OPPORTUNITIES IN RESEARCH, FROM BASIC RESEARCH TERMINOLOGY TO LITERATURE SURVEY AND AUDITING.

SECOND WORKSHOP

IN OUR SECOND WORKSHOP, YOU'LL LEARN HOW TO USE SIMULATION TOOLS THAT WILL GIVE YOU HANDS-ON EXPERIENCE WITH THE VARIETY OF TOPICS WE WISH TO COVER IN OUR SUMMIT, INCLUDING THE INTERNET OF THINGS, ARTIFICIAL INTELLIGENCE, CYBER SECURITY, MACHINE LEARNING, VIRTUAL INSTRUMENTATION/DIGITAL TWIN (SIMULATIONS) AND CLOUD/EDGE COMPUTING.



SPEAKERS

CHIEF GUESTS

PROF. SANKAR KUMAR PAL

A DISTINGUISHED SCIENTIST AND FORMER DIRECTOR OF THE INDIAN STATISTICAL INSTITUTE. HAVING BEEN CONFERRED THE PADMA SHRI IN SCIENCE AND ENGINEERING 2013, HE IS DEVOTED TO HIS EXCEPTIONAL RESEARCH IN MACHINE LEARNING, IOT, AND GRANULAR COMPUTING.



DR. PUSHPAK BHATTACHARYA

A PROFESSOR WITH THE COMPUTER SCIENCE ENGINEERING DEPARTMENT OF IIT BOMBAY, AN ALUMNUS OF THREE DIFFERENT IITS, AN AWARDEE OF THE ABDUL KALAM TIN FELLOWSHIP, AND AN EDITOR OF THE JOURNAL OF NATURAL LANGUAGE ENGINEERING, HE IS A PROLIFIC AUTHOR IN THE FIELD, HAVING BEEN PUBLISHED MORE THAN 350 TIMES IN VARIOUS PUBLICATIONS.



KEYNOTE SPEAKERS

MR. DIGBIJOY NATH

MR. DIGBIJOY NATH'S AREA OF EXPERTISE IS SEMICONDUCTORS — FROM DEVICE DESIGN AND EPITAXY TO DESIGNING PROCESS FLOW. AN ASSOCIATE PROFESSOR AT IISC IN THEIR NANOSCIENCE AND ENGINEERING DEPARTMENT, HE CO-FOUNDED AGNIT SEMICONDUCTORS AND IS AN ALUMNUS OF OUR VERY OWN BITS PILANI.



DR. ANANT BHATT

CTO AT THE CENTRE OF EXCELLENCE FOR ARTIFICIAL INTELLIGENCE, WHERE HE SPEARHEADED THE DEVELOPMENT OF STATE-OF-THE-ART INFRASTRUCTURE AND LABS. HE PREVIOUSLY SERVED AS JOINT DIRECTOR AT THE MINISTRY OF DEFENCE, WHERE HE HANDLED THE DEVELOPMENT AND IMPLEMENTATION OF HIGH-SPEED, SECURE NETWORKS.



KEYNOTE SPEAKERS

DR. PARIKSHIT SAHATIYA

MEMBER OF ROYAL SOCIETY OF CHEMISTRY, ASSOCIATE EDITOR FOR NATURE SCIENTIFIC REPORTS. HE IS ALSO THE ASSISTANT PROFESSOR IN EEE DEPARTMENT BITS PILANI HYDERABAD. HIS RESEARCH AREA INCLUDE 2D MATERIAL BASED FLEXIBLE AND WEARABLE NANO ELECTRONICS AND SENSORS



MR. NISHITH PATHAK

A MICROSOFT REGIONAL DIRECTOR AND INDIA'S ONLY ARTIFICIAL INTELLIGENCE 'MOST VALUABLE PROFESSIONAL'. HE HAS AUTHORED THREE INSIGHTFUL BOOKS ON AI. HE IS CURRENTLY WORKING AS GLOBAL CHIEF TECHNOLOGIST FOR DXC TECHNOLOGY.



CYBERSECURITY PANELISTS

DR. DAVE CHATTERJEE

DR. DAVE CHATTERJEE IS A POLYMATH IN CYBERSECURITY, IT VALUE MANAGEMENT, CLOUD COMPUTING, AND ENTERPRISE DIGITIZATION. HE IS A PROFESSOR AT THE UNIVERSITY OF GEORGIA. AN ACCOMPLISHED CHIEF INFORMATION SECURITY OFFICER, HE IS ALSO THE SENIOR EDITOR FOR THE JOCEC.



MR. KANISHK GAUR

KANISHK GAUR SPECIALIZES IN EMERGING TECHNOLOGY POLICY, SECURITY, AND SAFETY. A BRITISH CHEVENING COMMONWEALTH FELLOW WITH A CAREER SPANNING OVER 13 YEARS, HE HAS LED ROLES WITH DELOITTE AND ERNST & YOUNG, BAGGED 3 TEDX TALKS, AND ADVISED LEADING GOVERNMENTS ON CYBER SECURITY, STRATEGY, AND POLICY.



MR. UTSAV MITTAL

UTSAV MITTAL IS A CERTIFIED INFORMATION SYSTEMS SECURITY PROFESSIONAL (CISSP). HE'S A GRADUATE OF CERIAS, PURDUE UNIVERSITY, AND THE CEO AND FOUNDER AT XIARCH. HE HAS FOUNDED THE INFORMATION SYSTEM SECURITY CERTIFICATION CONSORTIUM'S DELHI CHAPTER.



CALL FOR PAPERS

TOPICS OF INTEREST

- INTERNET OF THINGS/CYBER PHYSICAL SYSTEMS/CLOUD EDGE COMPUTING
- ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING
- CYBER SECURITY
- VIRTUAL INSTRUMENTATION/DIGITAL TWIN (SIMULATIONS)
- SEMICONDUCTOR DEVICES
- SENSORS AND WEARABLE ELECTRONICS

IMPORTANT DATES

Paper Submission Opens : 5th Feb 2022

Paper Submission Closes : 10th Mar 2022

Date Of Presentation : 30th March

Prize Distribution : 31st March

NOTE : PAPERS WILL NOT BE SUBMITTED FOR PUBLICATION

WE INVITE AUTHORS AND PROSPECTIVE AUTHORS TO SUBMIT ORIGINAL AND COMPLETE WORK UP TO FOUR PAGES IN DOUBLE-COLUMN FORMAT INCLUDING FIGURES, RESULTS, AND REFERENCES.

THE SUMMIT WILL INCLUDE TALKS FROM EMINENT KEYNOTE SPEAKERS AND WORKSHOPS.



CONTACT US

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ORGANIZERS

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