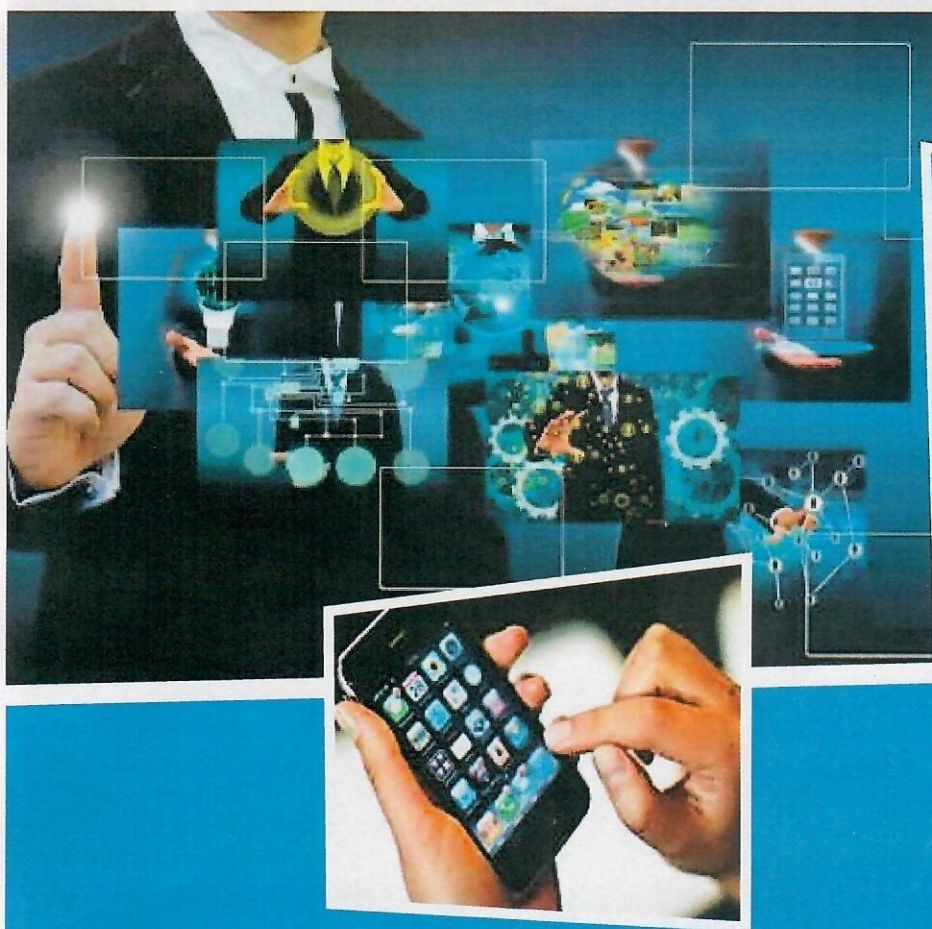


**NATIONAL CONFERENCE ON EMERGING TRENDS,
INNOVATIONS & APPLICATIONS IN SCIENCE & TECHNOLOGY
IN ASSOCIATION WITH
INFIDATA TECHNOLOGIES, BENGALURU**

1ST OCTOBER 2019 | VENUE : NCMS CAMPUS



NAGARJUNA COLLEGE OF MANAGEMENT STUDIES

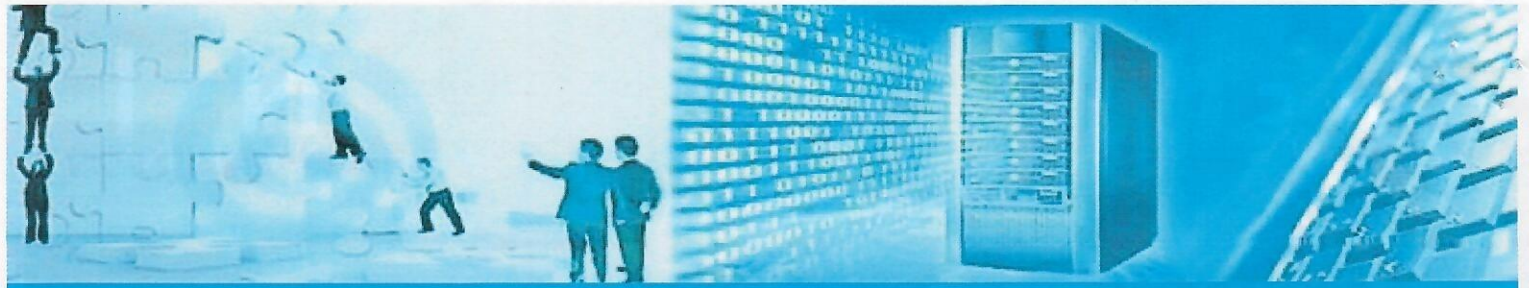
(Recognized by the Government of Karnataka, Affiliated to Bengaluru North University)

Chickmarali, Nandi Hobli, Chickballapur-562101



PRINCIPAL

NAGARJUNA COLLEGE OF MANAGEMENT STUDIES
Chikkaballapur-562101



ABOUT NAGARJUNA GROUP OF INSTITUTIONS

NES is an icon for enriching education, ethics and practical learning for the benefit of the society and the young aspiring students. The philosophy and its purpose are rendered in its identity, expressing and committing to leadership and excellence in education. It also specializes in preparing students to meet the demands of new age careers in technology. Foreseeing the necessity of professional academic educational facilities. Our institution is supporting the students with excellent education facilities and renders high quality academic curriculum. Nagarjuna Educational Society was established in 1995, under the able guidance of its founder Sri J.V.Rangaraju, renowned industrialist and philanthropist. Nagarjuna Education Society is pursuing its mission today with some of the finest facilities in education-from primary school to professional education through the aegis of Nagarjuna Group of Institutions.

ABOUT THE COLLEGE

Nagarjuna College of Management Studies, the recent addition to the NES has been established by Nagarjuna Education Society with an objective to facilitate the rural students of Chickballapur and Bangalore Rural districts with quality education in the field of management & science. Keeping in view that "Knowledge is Power"; NCMS is trying to reach out to every corner of these areas. The college is affiliated to Bengaluru North University & is located beside NH-44 and shares the 100-acres campus with NCET. NCMS is known for its excellent facilities, high-quality education and is also embedded with skill certification courses. It offers undergraduate programmes in commerce, business studies, computer application and science and postgraduate programme in commerce (M.Com). The unique feature of education at NCMS is its strong focus on skill enhancement and holistic development of students.

ABOUT CONFERENCE

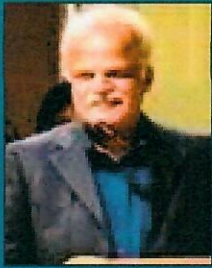
National Conference on Emerging Trends, Innovations and Applications in Science and Technology-2019 is a scientific activity for academics and educators. It promotes the development of theoretical knowledge, conceptual research, and professional knowledge through conference activities. Its focus is to create and disseminate knowledge about the use of scientific and technological applications.

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ABOUT RESOURCE PERSONS



DR. UDAYA SHANKAR PURANIK, Data Scientist and Science Writer is an Internationally Certified ITIL, Six Sigma, Security and Project Management Professional. He's specialised in Machine Learning, Artificial Intelligence, Cyber Security and Cloud Technologies. He is a member of Oracle Technology Network (OTN) since 2003, SAN-ED Program from BROCADE, Singapore since 2002, IT panel of CII-Karnataka for two consecutive terms and many more. He has developed software for Ultra Sound Scanning of babies and Cold Scanning Technology for digitizing old manuscripts, books, paintings and art. Recognized as one of the best authors in Science and Technology in Kannada Language by state Govt of Karnataka.



DR. GURUPRASAD was a Scientist at ISRO. He started developing a hardware solution for different rurallanguages and has developed a product that can easily connect to phones, laptops and single board computers with a purpose to help primary schools. He also developed the first general purpose computing using web services and developed several simulators for defence and NASA projects and was a Scientist at Simulation Institute, Lockheed Martin Advanced Technology and Aximetric.



DR. KASTURI V BANGERA as a professor in addition to teaching, served as the Head of the department of Physics. In January to March 2010, her paper had been selected as one among the top three in the top 25 Hottest Articles of "Material Science in Semiconductor Processing." She has received the best paper award for "Effect of Substrate temperature on the structural and electrical properties of spray deposited lead sulphide thin films" and been awarded "Certificate of Appreciation in recognition of 25years of dedicated service to the Institute" on the foundation day on 6 August 2013. She has also received "Certificate of Outstanding Contribution in Reviewing, Ceramic International", in May 2017.

Call for Paper

PRESENTATION & POSTER PRESENTATION

National Conference on Emerging Trends, Innovations and Applications in Science and Technology-2019 provides a leading forum for the presentation of new advances and research results in the fields of Science, Agriculture, Environmental & Technology. The conference will bring students, researchers, engineers and scientists together in the domain of specific interest from around the world. Accordingly, Topics of interest for submission include as below, but are not limited to this.

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NAGARJUNA COLLEGE OF MANAGEMENT STUDIES

Chikkaballapur-562101

ONE DAY NATIONAL CONFERENCE

ON

**“EMERGING TRENDS, INNOVATIONS &
APPLICATIONS IN SCIENCE & TECHNOLOGY”**

October 1st 2019 Time:10.00 AM

Key Note Address

Dr Udaya Shankar Puranik
Data Scientist & Science Writer

Chief Guest

Shri. Chaitanya Varma
Secretary, NES

Mrs. Bhanu Chaitanya
Member, NES

**Inauguration of “PRAGYAN”
NCMS Science Forum**

Presidential Address

Prof. Manohar Narajji
Director, NES

Technical Session 1

Topic- Digital India: Tools and techniques for Indic Languages

Dr. Guruprasad

Chief Innovation Officer, Kanaada Phonetics pvt. Ltd.

Technical Session 2

Topic- Bandgap Engineering of Compound Semiconductor Thinfilms

Dr. Kasturi V Bangera

Professor, Dept.of Physics, NITK, Surathkal

Followed by Lunch, Paper/Poster Presentation

Venue

**Nagarjuna College of Management Studies,
Chickballapur-562101**

Staff & Students
NCMS

Aruna C
Organizing Secretary

Dr Anandamma N
Principal, NCMS



NAGARJUNA
COLLEGE OF MANAGEMENT STUDIES

PROGRAMME SCHEDULE

10.00 AM - 10.10 AM : INAUGURATION

10.10 AM - 10.20 AM : WELCOME ADDRESS
Dr. ANANDAMMA N

10.20 AM - 10.40 AM : KEY NOTE ADDRESS

**10.45 AM - 10.50 AM : INAUGURATION OF
NCMS SCIENCE FORUM**

10.50 AM - 11.05 AM : PRESIDENTIAL ADDRESS

11.05 AM - 11.20AM : Tea Break

11.20 AM - 11.50AM : TECHNICAL SESSION-1

11.55 AM - 12.25 PM : TECHNICAL SESSION-2

12.25 PM - 12.35 PM : VOTE OF THANKS

12.45 PM - 1.30 PM : LUNCH

1.30 PM- 4.00 PM : Paper/Poster Presentation


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NAGARJUNA COLLEGE OF MANAGEMENT STUDIES
Chikkaballapur-562101

Department of Science

**National Conference on Emerging Trends, Innovations & Applications in
Science & Technology**

Date: 01/10/2019

Time: 10.00 AM -4.00 PM

Place: Auditorium, NCMS

Number of Beneficiaries: In house: 81 External: 135

Name and details of the Resource Person:

1. **DR. UDAYA SHANKAR PURANIK**, *Data Scientist and Science Writer.*
2. **DR. GURU PRASAD**, *Chief Innovation Officer, Kanaada Phonetics pvt. Ltd.*
3. **DR. KASTURI V BANGERA**, *Professor, Dept.of Physics, NITK, Surathkal*

Objective: National Conference on Emerging Trends, Innovations and Applications in Science and Technology-2019 is a scientific activity for academics and educators. It promotes the development of theoretical knowledge, conceptual research, and professional knowledge through conference activities. Its focus is to create and disseminate knowledge about the use of scientific and technological applications.

Brief Write up on the Programme: [min 10 lines]: Formal programme of the National Conference started at 10.00 am with an invocation song. Dignitaries joined their hands to inaugurate the program by lighting the lamp. Dr Anandamma N, Principal, NCMS, welcomed the gathering. Dr Udaya Shankar Puranik, keynote speaker of conference addressed the gathering and advised the youngsters to get involved in research and development activities. He also instructed students to enhance the skill set which is more important than the academic marks. Mrs. Bhanu Chaitanya, Member, NES, inaugurated NCMS Science forum 'Pragyan' by controlling mobile operated remote car. Formal function was concluded by vote of thanks. At 11.30 am first technical talk was delivered by Dr Guruprasad and he spoke about Digital India: Tools and techniques for Indic Languages. Second technical talk was delivered by Dr Kasthuri V Bangera and spoke about Bandgap Engineering of Compound Semiconductor Thinfilms. During the post lunch about 80 participants presented their papers with respective to their area of interest in various tracks where each track was headed by two



chairpersons. After presentations by participants tracks were concluded with valedictory programme.

Learning Outcome:

How challenges can be addressed and opportunities can be leveraged for better outcomes to meet targets for countries and the actions needed to further advance the implementation agenda and ensure the achievement of its goals and objectives in the field of Science and Technology.

Feedback: Annexure

Photos



Inauguration of National Conference



5/9/21 09



Lighting a Lamp



Releasing Book

Aruna C
 Report prepared by
 (Mrs.Aruna C & Mr.Ajith S)

Ajith S
 Head of the Department



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