

# National Conference on Research Innovation in ICT and Computing Technologies (NCRIICT-2023) March 27-28, 2023 Organized by

SSESA's, Science College, Congress Nagar, Nagpur



**Patron: 1.** Hon'ble Shri Harshvardhan P. Deshmukh President, Shri Shivaji Education Society, Amravati.

**2.** Hon'ble Prof. Subhash Chaudhari
Vice Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

**3.** Hon'ble Prof. Sanjay Dudhe Pro-Vice Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

# **Local Organizing Committee:**

Chairman: Prof. M. P. Dhore, Principal

Convener: Prof. S. R. Pande
Co-Convener: Prof. R. N. Jugele
Organizing Secretary: Dr. A. A. Halder
Joint Organizing Secretary: Dr. J. K. Keche

Treasurer: Dr. S. R. Gedam

**Keynote Address:** Dr. Rajiv V. Dharaskar, Director, Indian Institute of Information Technology (IIIT), Kottyam, Kerala.

Invited Talk: 1. Prof. Manu Pratap Singh, Director, Institute of Engineering & Technology, Dr. Bhimrao Ambedkar University, Agra

2. Ramesh Manza, Professor, Department of Computer Science and Information Technology, Dr BAM University, Aurangabad (MS) 3. Prof. V. M. Thakare, Former Head, PGTD-CSE, Sant Gadge Baba

Amravati University, Amravati.

4. Dr. Swati Sherekar Professor & Director, IIL Department of Computer Science & Engineering.SGB Amravati University, Amravati.

5. Dr. Sagar Jambhorkar Department of Computer Science National Defence Academy, Pune.

6. Dr. S. B. Kishor Head, Dept. of Computer Science, SP Mahavidyalaya, Chandrapur

**Conference Date:** March 27-28, 2023

## Gist of the Conference:

Two days national conference on "National Conference on Research innovations in ICT and computing Technologies (NCRIICT-2023)" was successfully organized by Department of Computer Science, Shri Shivaji Education Society Amravati's SCIENCE COLLEGE, Congress Nagar, on 27-28 March 2023.

In these two days, there were 01 key note, 06 invited talks, 08 technical session. We invited technical papers on domains like Image processing, Big data analytics, Machine learning, IoT, Network security, Cloud computing, Data Mining, Blockchain etc. A total of 252 papers were received from all over the country. The paper presentations were done parallelly in 4 venues under the panel of internal and external judges. All papers presented in the conference are also published in the conference proceeding

with an ISSN: 2394-8051 and also these papers will be published in the "Special Issue of Journal of Innovation in Sciences (Online)" A soft copy of the proceeding and participation certificate has been given to each participant.

The conference was inaugurated by Chief Guest, Hon'ble Prof. Subhash Chaudhari, Vice Chancellor RTMNU Nagpur, Guest of Honour Dr. Rajiv V. Dharaskar, Director, Indian Institute of Information Technology (IIIT), Kottyam, Kerala, Hon'ble Shri Hemant Kalmegh Execative Member Shri Shivaji Education Society Amravati, Hon'ble Prof. M. P. Dhore, Principal SSE's Nagpur Prof. S. R. Pande, Convener of the conference, Prof. R. N. Jugele, Co-Convener of the conference and Dr. A. A. Halder, Organizing Secretary of the conference.

Various eminent scientists, Prof. Vinay Chavan Principal, S. K. Porwal College, Prof. Manu Pratap Singh Director, Institute of Engineering & Technology, Dr. Bhimrao Ambedkar University, Agra, Prof. Ramesh Manza Professor Department of Computer Science and Information Technology, Dr BAM University, Aurangabad, Prof. A. B. Sasankar, Dr. G. S. Katkar, Prof. Satish J. Sharma Professor and Head Department of Electronics and Computer Science, RTMNU Nagpur, Prof. V. M. Thakare EX PROF & HOD, Department of Computer Science. & Engg. SGB Amravati University, Amravati. Maharashtra, India, Dr. Sagar Jambhorkar Department of Computer Science National Defence Academy, Pune, Mr. Amit Kale Associate Vice President, Engineering, Global Logic, Nagpur, Dr. S. B. Kishor Head, Dept. of Computer Science, SP Mahavidyalaya, Chandrapur, Maharashtra, Dr. Mrs. A. S. Khandelwal, Dr. Ujjwal Lanjewar graced the event by their presence and Highly informative and brainstorming talk was delivered by an eminent scientist from different Universities.

All the technical sessions were highly informative and interactive. Students actively participated in the technical as well as oral sessions and cleared their doubts and queries. They were asked questions by the experts and other participants. Various suggestions were also made by experts to do better in their research work.

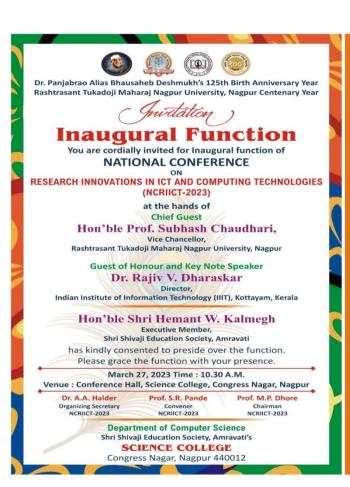
# **Glimpses of NCRIICT-2023**

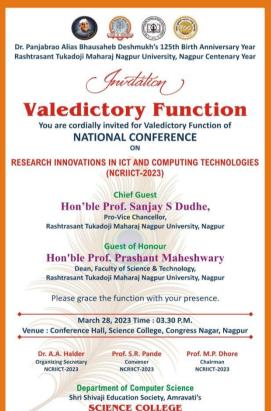












Congress Nagar, Nagpur 440012

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  Dr. J. Hopper Prof. Dr. J. Depa Peasad Run
  Dr. Sanjay Yede
  Dr. Sanjay Yede Call for Papers
  Papers are invited on the conference theme for oral and poster presentation. Papers must be submitted in the form of soft copy as an email attachment.

  Conference Publication

The e-proceedings containing full papers will be published at the time of conference.

Instructions to Authors

- Instructions to Authors

  1) Paper size: A4

  2) Margins: Left 1.5", Right 1", Top 1", and Bottom 1"

  3) Font style: Times New Roman, single spacing in Two columns

  4) Font Size:
  a) Title 14 (Bold)
  b) Name of Authors and Affiliation 12
  c) Sub Heading 12 (Bold)
  d) Abstract 9 (Bold) (Max. 150 words)
  e) Paper Text 11
  f) References 10 (Sr. No., Name of authors starting with initials, Name of the Journal and Volume of the Journal).
  5) Format: The paper should be typed in MS-Word document including all text, tables, figures, graphs, photos etc.

### For Further details please contact:

Dr. A. A. Halder, Organizing Secretary (NCRIICT-2023) S.S.E.S. Amt's Science College Congress Nagar, Nagpur 440012 INDIA

Telephone: +91 0712-2423432 (O), 9175128636 (M) Email: neriiet2023@gmail.com Website: www.ssenagpur.ac.in

As a part of Dr. Panjabrao Alias Bhausaheb Deshmukh's

125° Birth Anniversary Year and Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur Centenary Year Celebrations, Shri Shivaji Education Society Amravati's Science College Congress Nagar, Nagpur is organizing

NATIONAL CONFERENCE ON RESEARCH INNOVATIONS IN ICT AND COMPUTING TECHNOLOGIES (NCRIICT-2023) During March 27 - 28, 2023.

The main aim of the conference is to provide an opportunity to students, research scholars and teachers to get an exposure of exciting field of Computer Science and Electronics with recent developments in the field.

The conference will also provide an impetus to teachers/students who are looking for an area to do research.

Those who have already initiated in research, it would provide a good opportunity for interaction with the experts.

The conference lectures would be addressed at an advance level and would be accessible to highly motivated M.Sc., MCA, B.Sc. and BCA students as well as to college teachers, university teachers and researchers.

# Topics to be covered (but not limited to):

- Parallel Computing
- Wireless Communication
- Real Time Systems
- Cloud Computing
- · Micro Controller
- · VLSI
- · Embedded System
- Hypertext and Hypermedia Multimedia Document Architecture
- Image Processing
- · Mobile Computing
- · Soft-Computing
- Data Mining
   Natural Language Processing
- Human Computer Interaction
- · Machine Learning
- Data Science
- Bio-Medical Instrumentation
- Forensic Science
- Network Security
- · Deep Learning Block Chain

## About the College

SSES Ami's Science College Congress Nagar, Nagour is one of the 300+ institutions run by Shri Shivaji Education Society Amravati. It is a premier institution of higher learning in Central India. The college is accredited by NAAC as A+ grade college with CGPA of 3.51. The college is identified by UGC as a

"College with Potential for Excellence" (CPE) since 2004. The college is a member of "Asia Pacific Quality Network" of reputed Institutes in Asian countries. College is identified as a mentor college under Paramarsh Scheme of UGC New Delhi for helping non-accredited colleges for NAAC and other quality frame work. The College imparts science education from XI<sup>th</sup> standard to PG level. The college is having center of higher learning and research in five subjects. The college has organized eight DST sponsored residential INSPIRE camps for the students. The college gives admission to the students from different strata of the society. Special efforts are taken by college for career counseling and placement. The college has a record of highest number of merit positions in board and university examinations. The students have won prizes and awards in sports and cultural events at university, national and international level. Well qualified and experienced staff members of every department are also awarded by national, international awards and fellowships for higher learning and

## Registration: A registration fee per participant of

Rs. 1,500/- for faculty members / Professionals

Rs. 1,200/- for research scholars

Rs. 1,000/- for PG students

is to be paid through Net Banking/UPI. The registration fee does not include accommodation. However assistance for the accommodation of participants will be provided by the

Selected papers will be published in UGC CARE/SCOPUS or WEB OF SCIENCE Journal by paying extra fees.

## Important Dates:

Last date of Paper Submission : 05/03/2023 Notification of Acceptance : 10/03/2023 Last date of Registration + 15/03/2023 Conference Dates : March 27-28, 2023











Dr. Panjabrao Alias Bhansaheb Deshmukh's 125° Birth Anniversary Year Rashtrasant Tukadoii Maharai Nagnur University Centenary Yea

# NATIONAL CONFERENCE ON RESEARCH INNOVATIONS IN

**ICT AND COMPUTING** 

TECHNOLOGIES

(NCRIICT-2023)

March 27-28, 2023

Organized by



### Department of Computer Science

Shri Shivaji Education Society, Amravati's

# SCIENCE COLLEGE

Congress Nagar, Nagpur 440012

Accredited by NAAC as A+ Grade with CGPA of 3.51 Identified A College with Potential for Excellence by UGC, New Delhi Mentor College under UGC Paramarsh Scheme Recognized Centre for Higher learning Member of APON



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   Hon'ble Prof. Sanjay Dudhe Pro-Vice Chancellor, Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur.

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Prof. S. R. Pande	- Convener	: 942280424
Prof. R. N. Jugele	- Co-Convener	1 942310113
Dr. A. A. Halder	- Organizing Secretary	: 917512863
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#### NATIONAL CONFERENCE ON RESEARCH INNOVATIONS IN ICT AND COMPUTING **TECHNOLOGIES** (NCRIICT-2023)

March 2728.-2023

To participate in this Conference

Kindly fill your details in this google form to register for the NCRHCT-2023

REGISTRATION LINK: https://forms.gle/T3CBWvmzvGK8RuEr5

Email for Paper Submission: ncriict2023@gmail.com

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MICR Code		
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