

SHRI SHIVAJI EDUCATIONS SOCIETY, AMRVATI'S  
**SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI**



**NAAC:** A+ Grade (CGPA 3.42), **UGC:** CPE, **NIRF-2022 & 2023:** Rank Band 151-200,  
**DBT:** Star College (Strengthening Component), **DST:** FIST, **ISO:** 9001:2015,  
**SGBAU:** Lead College, **Career Katta:** Centre of Excellence

**National Conference on Emerging Trends in Computational  
Science and Technology  
(NCECST-2024)**

**March 22, 2024**

Organized by,  
**Department of Computational Sciences**

**Report**

The aim of this conference is to deliberate on science and technology for innovative and sustainable development and provide a platform for the dialog among the participants on emerging developments in the frontier areas of S & T for sustainability development in all subject areas.

It also provides a peer reviewed platform to outstanding researchers to exhibit their findings for the furtherance of technology to provide a research forum. At this event all stakeholder, participants, keynote speakers, presenters and others will get access to best in class resources and infrastructure.

**Subthemes:**

**1. Computer Science and Applications:**

- IoT, AI, Bigdata, Data Mining, Machine Learning, Deep Learning, NLP, Open Source Software, Cyber Security,

**2. Mathematical and Statistical Science**

- Pure and Applied Mathematics, Fuzzy Set Theory and its applications, Mathematical Modeling, Theory of Relativity, Integral Transform and its application.

**3. Forensic Science**

- Forensic Biology, Forensic Chemistry & Toxicology, Cyber Forensic, Fingerprint and Questioned Document

**4. Library and Information Science**

-Empowering Academic & Public Libraries, Connecting Communities, Innovation in Libraries, Digital Technology and Trends in Libraries

**First Announcement:**



SHRI SHIVAJI EDUCATIONS SOCIETY, AMRVATT'S  
**SHRI SHIVAJI SCIENCE COLLEGE, AMRAVATI**

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**National Conference on  
Emerging Trends in  
Computational Science and  
Technology  
(NCETCST-2024)**

**FIRST ANNOUNCEMENT...!**

GREETINGS FROM NAAC A+ GRADED COLLEGE OF SECOND  
LARGEST EDUCATIONAL SOCIETY IN THE MAHARASHTRA  
STATE.



**Date of Conference**

22-March-2024



**Last Date of Full Paper  
Submission:**

01-March-2024



**Fees:**

Faculty: ₹ 1,000

Research Students: ₹ 500



**COMPUTER SCIENCE AND APPLICATIONS**

IoT, AI, Bigdata, Data Mining, Machine Learning, Deep Learning, NLP, Open Source Software, Cyber Security



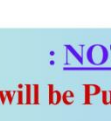
**MATHEMATICAL AND STATISTICAL SCIENCE**

Fuzzy Set Theory and its applications, Mathematical Modeling, Theory of Relativity, Integral Transforms and its application, Data Analytics



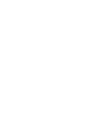
**FORENSIC SCIENCE**

Forensic Biology, Forensic Chemistry & Toxicology, Cyber Forensic, Fingerprint and Questioned Document



**LIBRARY AND INFORMATION SCIENCE**

Empowering Academic & Public Libraries, Connecting Communities, Innovation in Libraries, Digital Technology and Trends in Libraries



**PHYSICAL AND APPLIED SCIENCES**

Computational Techniques in Physical and Applied Sciences

**Coming Soon....**

Link for Registration, Full paper submission  
and Paying Fees

**: NOTE :**

All Accepted Full Length Paper's will be Published in E-Proceeding having ISBN

## Conference Schedule:

**NATIONAL CONFERENCE ON**  
**Emerging Trends in Computational Science & Technology**  
**NCETCST-2024**

(22-March-2024)

Organized by:

Departments of Computational Science  
Shri Shivaji Science College, Amravati – 444 603, Maharashtra., India

**CONFERENCE SCHEDULE AT A GLANCE**

FRIDAY 22 <sup>rd</sup> March,2024	
08.30 To 10.00 AM	Registration, Tea and Breakfast
10.00 To 10.45 AM	Inaugural Function
10.45 To 11.00 AM	Tea break
Scientific Session- I	
11.00 To 12.00 PM	<b>Keynote Address</b>
	Dr. K. V. Kale, Vice-Chancellor, Dr. Babasaheb Ambedkar Technological University, Lonere. Tal. Mangaon, Dist. Raigad, MS.
12.00 To 12.40 PM	<b>Invited Talk-1</b>
	Dr. Sudha Rani Dehri Assistant Professor, Department of Mathematics, Hislop College, Nagpur
12.45 To 01.45 PM	Lunch
Scientific Session-II	
01.45 To 2.30 PM	<b>Invited Talk-2</b>
	Mr. Rakesh Mia, Director, Applied Forensic Science Laboratory, Indoor, MP.
02.30 To 03,15 PM	<b>Invited Talk-3</b>
	Dr. Vivek K. Jagtap Librarian, S. P. M. Science and Gilani Arts Commerce College, Ghatanji, Yavatmal, MS.
03.15 To 4.44 PM	<b>ORAL PRESENTATIONS</b>
	C. V. Raman Auditorium (Computer Sci.& Engg. Forensic Sci., Library Sci.) A. V. Theatre (Mathematics, Geo informatics, Statistic)
	<b>POSTER PRESENTATIONS</b>
	New Library Building (All Subjects)
04.45 To 5.00 PM	High Tea
VALEDICTORY SESSION	
05.00 To 05.30 PM	Valedictory Function
05.30 To 06.00 PM	Distribution of Certificates

Convener  
NCETCST-2024

Principal  
Shri Shivaji Science College,  
Amravati



**Patrons :**

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

**Hon'ble Dr. Milind A. Barhate**  
Vice-Chancellor  
Sant Gadge Baba Amravati University, Amravati.

**Organizing Committee :**

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**Dr. G. V. Korpe**  
Principal

**Co-ordinator**  
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HoD, Physics

**Co-conveners**  
**Dr. U. V. Kale**  
HoD, Statistics

**Prof. U. M. Patil**  
Dept. of Mathematics

**Organising Secretary**  
**Dr. M. B. Bhande**  
HoD, Computer Science

**Joint Secretaries**  
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Assistant Professor  
Dept. of Computer Science

**Treasurer**  
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Professor, Dept. of Chemistry  
& Coordinator, B. Voc. in Forensic Science

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**Dr. S. P. P. Ingle**, Head, Department of Environmental Science  
**Dr. D. D. Khedkar**, Head, Department of Botany  
**Dr. R. V. Itewad**, Head, Department of Language  
**Dr. R. A. Tone (Ingle)**, Director of Physical Education

**Convener**  
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HoD, Mathematics

**Dr. R. R. Khokale**  
Librarian

**Dr. M. M. Deshmukh**  
HoD, Geology

**Mr. Y. V. Hushare**  
Assistant Professor  
Dept. of Computer Science

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 Dr. S. R. Jagtap, Principal, Swami Vivekanand Mahavidyalaya, Mdgir  
 Dr. S. P. Deshpande, Principal, DCP, HVM, Amravati  
 Dr. S. M. Kherde, Principal, Sipra College of Engg. & Technology, Amravati  
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 Dr. S. R. Kalmegh, Prof., PGDT (Comp. Sci.), SGBAU, Amravati  
 Dr. A. B. Marwar, Asso. Prof., PGDT (Comp. Sci.), SGBAU, Amravati  
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 Dr. V. S. Kulkarni, Head, Dept. of Geology, Bhartiya Mahavidyalaya, Amravati  
 Dr. D. D. Pawar, Director, School of Mathematics, SKRTM, Nanded  
 Dr. C. H. Sawarkar, Member, BOS, Computer Science, SGBAU, Amravati  
 Dr. V. R. Patil, Member, BOS, Mathematics, SGBAU, Amravati  
 Dr. S. R. Bhojar, Member, BOS, Mathematics, SGBAU, Amravati  
 Dr. G. U. Kshapkar, Member, BOS, Mathematics, SGBAU, Amravati  
 Dr. P. E. Ajmiri, Prof. & Head, Dept. of Comp. Sci., G. S. College, Khambgaon  
 Prof. S. C. Choudhary, Head, Dept. of Computer Sci., RDK, Badnera  
 Dr. L. M. Muley, Head, DoCS, Jagadamba Mahavidyalaya, Achalpur  
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 Dr. R. S. Kale, Head, DoCS, Shri Shivaji College of Arts, Com. & Sci., Akola  
 Dr. P. A. Saudagar, Co-ordinator, Dept. of Comp. Sci., Bajaj College of Sci., Wardha  
 Dr. P. G. Gadhikar, Head, Dept. of Math., Dr. B. A. M. University, Sambhal Nagar  
 Dr. V. G. Mete, Head, Dept. of Math., R. D. J. K. and K. D. College, Badnera  
 Dr. S. R. Kumbhare, Member, BOS, Mathematics SGBAU, Amravati  
 Dr. M. V. Dawande, prof & head, Bhartiya Mahavidyalaya, Amravati  
 Dr. Y. S. Solankhe, Member, BOS, Mathematics SGBAU, Amravati  
 Dr. A. R. Rangari, Member, BOS, Mathematics SGBAU, Amravati  
 Prof. Neeta Andure, Head, Dept. of Stat., CVTSL, Amravati  
 Prof. M. O. Wankhade, Head, Dept. of Stat., G. S. College, Khambgaon  
 Prof. B. S. Vidhale, Head, Dept. of Stat., R. D. J. K. College, Badnera  
 Prof. K. R. Kale, Head, Dept. of Stat., Gulab Nahi Azad College, Barshi Taluk  
 Dr. Manisha Jain, Professor of Mathematics, VIT, Vellore, Bhopal  
 Dr. Navendu Chaudhary, Professor, Synthesis Institute of Geoinformatics, Pune  
 Dr. Gopal Sahkar, Asso. Professor, DoCS & Application Dept, MITWP Uni., Pune  
 Dr. P. M. Bhachchandra, Asst. Professor, School of Comp. Sci., SKRTM, Nanded  
 Dr. D. S. Deshmukh, Asst. Prof., P. G. Dept. of Geology, R. T. M. Nagpur University, Nagpur  
 Dr. R. S. Manjare, Prof., P. G. Dept. of Geology, R. T. M. Nagpur University, Nagpur  
 Dr. A. S. Raut, Librarian, Shri Shivaji Arts Commerce and Science, Akola  
 Dr. M. M. Mete, Librarian, Shri Shivaji Arts and Commerce College, Amravati  
 Dr. S. H. Bhogre, Librarian, Dr. Panjabrao Deshmukh Mahavidyalaya, Akola  
 Dr. V. R. Khare, Librarian, Shri Shivaji Education College, Amravati  
 Dr. P. R. Kaveri, Deputy Director, SICSR Synthesis International Deemed Uni, Pune

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**National Conference on**  
**Emerging Trends**  
**in Computational**  
**Science and Technology**  
**(NCETCST-2024)**  
**MARCH 22, 2024**

ORGANIZED BY  
**DEPARTMENTS OF**  
**COMPUTATIONAL SCIENCE**

IN COLLABORATION WITH

- SGBAU COMPUTER SCIENCE TEACHERS' ASSOCIATION
- SGBAU MATHEMATICS TEACHERS' ASSOCIATION
- APPLIED FORENSIC RESEARCH SOCIETIES

CATALYSED BY

- DBT STAR COLLEGE SCHEME (A STRENGTHENING COMPONENT)

SPONSORED BY

- SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

**Important Dates**  
**Last Date of Full-length Paper Submission:** 10 March, 2024  
**Last Date of Registration:** 10 March, 2024

**Registration Fees**  
 Students/Research Scholars : ₹ 500/-  
 Faculty / Academicians : ₹ 1000/-

**Registration Link**  
<https://forms.gle/UlpgGpsDz0grI2rI8>

Registration fee should be paid in advance via PhonePe, GooglePay or any other online method to the following account or QR Code:

**Account Name :** Shivaji Science College  
**Account No. :** 5537480659  
**IFSC :** CBN0283248  
**Bank Name :** Central Bank of India  
**Branch Name :** APMC, Amravati

The registration fees with the research paper should reach the organizing secretary or before the last date mentioned above. Registration fees cover arrangements at all the conference sessions, conference material, lunch, and High tea during the conference.

Please mail your paper on the e-mail ID given below:

Subject Domain	Mail ID
Computer Science and Application	etctscps@gmail.com Mob. 9049331840
Mathematics and Statistics	etctsmathstat@gmail.com Mob. 9423622114
Forensic Science	etctcsforensic@gmail.com Mob. 9175830469

## **Report on National Conference on Emerging Trends in Computational Science and Technology (NCECST-2024)**

**Date:** March 22, 2024

**Organized by:** Department of Computer Science

The Department of Computer Science successfully organized the National Conference on Emerging Trends in Computational Science and Technology (NCECST-2024) on March 22, 2024. The event brought together researchers, academicians, and industry professionals to discuss and explore cutting-edge developments and trends in computational science and technology. Total 114 participants from the computer science and information subjects have been participated.

### **Objectives of the Conference**

The primary objectives of NCECST-2024 were:

1. To provide a platform for researchers to present their innovative ideas and findings.
2. To foster collaboration between academia and industry.
3. To discuss challenges and opportunities in emerging technologies.

### **Inaugural Session**

The conference commenced with an inaugural session featuring distinguished dignitaries. The inauguration session was graced by the presence of **Adv. G. K. Pundkar**, Vice President, Shri Shivaji Education Society, Amravati, **Dr. M. P. Dhore**, Co opt Member of Shri Shivaji Education Society, Amravati, **Dr. S.V. Dudul**, Dean, Faculty of Science and Technology, SGBAU, Amravati, **Dr. G. V. Korpe**, Principal, Shri Shivaji Science College, Amravati, and **Dr. V. J. Gaikwad**, Convener, NCECST-24, **Dr. M. M. Bhonde**, Organizing Secretary, NCECST-24 and **Dr. W. S. Barde**, IQAC Coordinator Shri Shivaji Science College, Amravati. The inaugural session also included a brief overview of the conference agenda.

The conference commenced with an inspiring introductory speech by Dr. V. J. Gaikwad, the Convener of NCECST. Dr. Gaikwad warmly welcomed all the delegates, participants, and dignitaries, emphasizing the importance of collaboration and knowledge exchange in addressing emerging challenges in computer science and technology.

The inauguration function of conference concluded with a heartfelt vote of thanks delivered by Dr. M. B. Bhonde, the Secretary of NCECST.

The Chief Guest, **Dr. K. V. Kale**, Vice-Chancellor, Dr. Babasaheb Ambedkar Technological University, Lonere. Tal. Mangaon, Dist. Raigad, MS, he is a renowned computer scientist, delivered an inspiring keynote address on "The Future of Computational Science in a Data-Driven World."

## Technical Sessions

The conference was divided into two technical sessions:

### Session 1: Mathematics

- **Invited Talk** by Dr. Sudha Rani Dehri Assistant Professor, Department of Mathematics, Hislop College, Nagpur

### Session 2:

#### Forensic Science

- **Invited Talk** by Mr. Rakesh Mia, Director, Applied Forensic Science Laboratory, Indoor, MP.

#### Library and Information Science

- **Invited Talk** by Dr. Vivek K. Jagtap, Librarian, S. P. M. Science and Gilani Arts Commerce College, Ghatanji, Yavatmal, MS.

## Oral and Poster Presentations:

The conference featured both oral and poster presentations:

- **Oral Presentations:** Researchers presented their papers on a wide range of topics including all themes on Computer Science and Applications, Mathematical and Statistical Science, Forensic Science, Library and Information Science. These sessions facilitated lively discussions and valuable feedback from peers and experts.
- **Poster Presentations:** A poster session showcased innovative projects by young researchers, providing an interactive platform for participants to engage in in-depth discussions and exchange ideas.
- Among the received research papers, the selected 12 papers having innovative contents that matching the theme of the conference were presented in the oral and poster sessions.

## Valedictory Session:

The valedictory session marked the conclusion of the conference. The session began with a summary of the conference proceedings, highlighting key discussions and outcomes. Certificates of participation were distributed to all attendees, and special awards were presented to outstanding contributors.

The guest of honour for the valedictory function was **Dr. S. S. Sherekar**, Professor, P G Deptt. of Computer Science & Engg, SGBAU, Amravati, who delivered an engaging address, commending the efforts of the organizing team and encouraging participants to continue pursuing innovative research.

**Dr. G. V. Korpe**, Principal, Shri Shivaji Science College, Amravati, delivered the closing remarks, expressing heartfelt gratitude to the organizing committee, sponsors, participants, and volunteers. He emphasized the importance of continued collaboration and innovation in computational science and encouraged participants to apply their learnings to drive impactful research.

The valedictory session concluded with a vote of thanks, marking the end of a successful and enriching conference.

For the successful organization of the conference Dr. U. S. Junghare and Mr. Y. V. Hushare Joint Secretary of a conference plays a crucial role in organizing and managing the event.

Also, all teaching and non-teaching faculty members from the department of computer science were actively involve in the conference and makes this conference successful.



## Registration List:

**Shri Shivaji Science College, Amravati.**  
**National Conference on Emerging Trends in Computational Science and Technology**  
**(NCETCST-2024) on 22-March-2024**  
**Participants Attendace List**  
**Subject: Computer Science**

#	Name of the Participants	Name of the Institution	Subject	Title of the Paper	Oral/Poster
1	Amit B. Rehapade	Science College, Nagpur	Computer Science and IT	A COMPARATIVE STUDY OF FEATURE SELECTION TECHNIQUES FOR HIGH DIMENSIONAL DATA	Oral Presentation
2	Amol Ashokrao Bodkhe	Science College, Nagpur	Computer Science and IT	A Review of Trends and Techniques in Predictive Analytics	Oral Presentation
3	Amruta Purushotam Korde	Shri Shivaji Science College , Amravati	Computer Science and IT	Linked Open Data Mining for Democratization Of Big Data	Oral Presentation
4	Anandi J. Mungole	Sardar Patel Mahavidyalaya, Chandrapur	Computer Science and IT	Emerging Trends and Techniques in 3-D Visualization for Social Media Data Analysis: A Review	Oral Presentation
5	Anita Balmukund Dube	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	Optimizing OCR Accuracy for Devanagari Script via improved Preprocessing	Oral Presentation
6	Ashwini N D Bobade	Shri Shivaji Science College , Amravati	Computer Science and IT	CYBER SECURITY: THREAT INTELLIGENCE AND INCIDENT RESPONSE STRATEGIES	Oral Presentation
7	Ather Iqbal	Vidya Bharati Mahavidyala, Amravti	Computer Science and IT	Web Page Segmentation Approaches for Extracting Informative Web Content	Oral Presentation
8	Bhushan R. Jalamkar	Shri Shivaji Science College , Amravati	Computer Science and IT	DATA MINING FOR PREDICTING STOCK PRICES ON FUNDAMENTAL ANALYSIS	Oral Presentation
9	Chandrakant Rameshwar Mankar	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	A Study of Authentication, Authorization mechanism for Physical Object in Wireless Sensor Network of Internet of Things	Oral Presentation
10	Chandrashekhar Himmatrao Sawarkar	Smt Narsamma Arts Commerce and Science College Amravati	Computer Science and IT	CAUSAL RELATIONSHIP DISCOVERY IN STOCK MARKET USING DATA MINING	Oral Presentation
11	Darshana Yogiraj Thakare	Shri Shivaji Science College , Amravati	Computer Science and IT	An Analysis of Cyber Crime in India with Challenges, issues and it's impact on the society:A Review	Poster Presentation
12	Devendra Chourasia	Science College, Nagpur	Computer Science and IT	A Review on Financial Fraud Detection using Machine Learning	Oral Presentation
13	Dhammapal Yashawant Tayade	Phulsing Naik Mahavidyalaya, Pusad	Computer Science and IT	Application of Deep Learning in Agriculture: A Review	
14	Dr Rakesh K Dhuware	Dhote Bandhu Science College, Gondia	Computer Science and IT	1) Today's Challenges,trends and Applications of NLP 2) The impact of Preprocessing in Detection of Sarcasm using Logistic Regression 3) Comparative Analysis of Cyber Attack Prediction using DLT	Oral Presentation
15	Dr. Anil Anandrao Dudhe	Phulsing Naik Mahavidyalaya, Pusad	Computer Science and IT	A Survey of Mobile Cloud Computing: Architectures & Frameworks Challenges and Solutions	Oral Presentation



16	Dr. Arvind A. Tayade	G. S. Science, Arts and Commerce College, Khamgaon	Computer Science and IT		
17	Dr. Dineshkumar Nanasaheb Satange	Shrimati Narsamma Arts, Commerce & Science College Kiran Nagar, Amravati	Computer Science and IT	Exploring How Blockchain Improves Security, Scalability, and Efficiency	Oral Presentation
18	Dr. Jageshwar Kesharao Keche	Science College, Nagpur	Computer Science and IT	Face Feature Extraction Techniques Using Internet of Things (IoT)	Oral Presentation
19	Dr. Kavita N. Watane	Shri Shivaji Science College , Amravati	Computer Science and IT	A Product Recommendation System Using collaborative filtering	
20	Dr. Meena S. Doibale	Bharatiya Mahavidyalaya, Amravati	Computer Science and IT	Novel Frameworks for Web Development Implementing Artificial Intelligence	Oral Presentation
21	Dr. Mrs. Radha Pimpale	Priyadarshini Bhagwati College of Engineering, Nagpur	Computer Science and IT	Detection of Network Anomalies using Hybrid Approach	Oral Presentation
22	Dr. Mukul M. Bhonde	Shri Shivaji Science College , Amravati	Computer Science and IT	DATA MINING FOR PREDICTING STOCK PRICES ON FUNDAMENTAL ANALYSIS	
23	Dr. Shilpa R. Gedam	Science College, Nagpur	Computer Science and IT	Deepfakes and Its Influence on Trust and Perception	Oral Presentation
24	Dr. Shweta M. Barhate	DECS, RTMNU, Nagpur	Computer Science and IT	Ensemble Learning for Dementia Prediction	Oral Presentation
25	Dr. Snehal Narale	Dhanwate Mahavidyalaya, Nagpur	Computer Science and IT	Ensemble Learning for Dementia Prediction	Oral Presentation
26	Dr. Varsha S. Tondre	Brijlal Biyani Science College, Amravati	Computer Science and IT	A Comparative Study of an Approaches of Automated the Detection of Grammatical Errors	
27	Dr. Vinit A. Sinha	PGDCA , PRMITR Badnera	Computer Science and IT	Development of Open Source Distribution system to diminish students' software study based on ubuntu Linux system	Oral Presentation
28	Dr.Maya V.Mawale	Adarsha Science, J. B. Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly	Computer Science and IT	Artificial intelligence powered self sufficient Homes	Oral Presentation
29	Dr.Maya V.Mawale	Adarsha Science, J. B. Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly	Computer Science and IT	Artificial Intelligence-Based User Utility Suite using Python	Oral Presentation
30	Dr.Saurabh Ashok Ghogare	Adarsha Science, J. B. Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly	Computer Science and IT	Artificial Intelligence-Based User Utility Suite using Python	Oral Presentation
31	Dr.Shilpa Bharat Sarvaiya	Vidya Bharati Mahavidyala, Amravati	Computer Science and IT	Key Role of Physical Unclonable Functions in Enhancement On Every IoT Node and Device Authentication	Oral Presentation

32	Geeta N. Brijwani	KC COLLEGE, CHURCHGATE, HSNC UNIVERSITY, MUMBAI	Computer Science and IT	Elevating Healthcare Systems through Decentralized Applications: Securing Data on the Cloud with Blockchain Integration	
33	Gopal Prakash Gawali	R.A. College, Washim	Computer Science and IT	A Study of Authentication, Authorization mechanism for Physical Object in Wireless Sensor Network of Internet of Things	Oral Presentation
34	Homraj Balabhau Patelpaik	Lokmanya Tilak Mahavidyalaya, Wani	Computer Science and IT	Enhancing The Performance Of Traditional Web Caching Replacement Systems Through Machine Learning TechniquesLearning Techniques	Oral Presentation
35	Jaykumar Himmatrao Meshram	Shrimati Narsamma Arts, Commerce & Science College Kiran Nagar, Amravati	Computer Science and IT	Exploring How Blockchain Improves Security, Scalability, and Efficiency	Oral Presentation
36	Kajal Pravin Ingle	Brijlal Biyani Science College, Amravati	Computer Science and IT	An analysis of Unsupervised Learning of Deep Representation Architecture	Oral Presentation
37	Kirti Akash Nimbhorkar	Shri Shivaji College Of Arts, Commerce & Science, Akola	Computer Science and IT	A Review of Money Laundering Cases Using Data Mining and Machine Learning Techniques	Poster Presentation
38	Kishor Manikrao Supatkar	Brijlal Biyani Science College, Amravati	Computer Science and IT	Study of cyber security challenges and it's issues	Oral Presentation
39	Kranti Ganesh Sapkal	PGDT, Computer Science, SGBAU, Amravati	Computer Science and IT	Utilizing Logistic Regression for Multiclass Classification in Analysing Soil Contents for Crop Recommendation	
40	Kudale Gautam Appasaheb	Dr. A P J Abdul Kalam University, Indore, M.P. (India)	Computer Science and IT	Exploring Clustering Techniques in Data Mining: Algorithms, Applications, and Comparative Analysis	Oral Presentation
41	Laxmidhar Ramkrishnarao Muley	Jagadamba Mahavidyalaya, Achalpur	Computer Science and IT	A Study of Data Mining System: Techniques, Tools And It's Applications	
42	Lekha Chetan Kothari	Adarsha Science, J. B. Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly	Computer Science and IT	ARTIFICIAL INTELLIGENCE POWERED SELF SUFFICIENT	Oral Presentation
43	Madhushri Ghadyalpatil	Brijlal Biyani Science College, Amravati	Computer Science and IT	Application of Machine Learning Technique for Enhancing the Capabilities and Intelligence of Application Software	
44	Mahima Prashant Dhagekar	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	Advancements in Devanagari Optical Character Recognition: Challenges and Solutions.	Oral Presentation
45	Manisha M. Chawale	Science College, Nagpur	Computer Science and IT	"Review Of Big Data Analytics Securing In Healthcare"	Oral Presentation
46	Mayuri Govind Chavhan	Shri Shivaji Science College , Amravati	Computer Science and IT	An analysis of Big Data with its Challenges, Research issue and tools and Technique: A survey	



47	Mayuri Nana Kiratkar	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	Advancements in Devanagari Optical Character Recognition: Challenges and Solutions	Poster Presentation
48	Miss Prerna Sanjayrao Tayade	Shri Shivaji Science College , Amravati	Computer Science and IT	Cardiovascular Disease Prediction Using Data Mining Techniques	
49	Miss. Kiran H Varma	Dr. B. Sindhu Mahavidyalaya, Nagpur	Computer Science and IT	A Comparative Study of Feature Selection Techniques for High Dimensional Data	Oral Presentation
50	Monika Shinde	Dr. A P J Abdul Kalam University, Indore, M.P (India)	Computer Science and IT	An Analysis of Proof-of-Stake Consensus Algorithms in Block Chain Systems	Oral Presentation
51	Mr. Amar S Pimpalkar	Science College, Nagpur	Computer Science and IT	A literature review on clustering techniques for big data	Oral Presentation
52	Mr. D. M. Kene	Vidya Bharati Mahavidyala, Amravati	Computer Science and IT	Web Page Segmentation Approaches for Extraction Informative Web Content	Oral Presentation
53	Mr. Prafull Shrikrishna Mankar	Shri Shivaji Science College , Amravati	Computer Science and IT	An Approach for Text Generation with Advanced Methods, Tools, Techniques and Models with its Challenges: A Survey	Oral Presentation
54	Mr. Vinod N. Mohod	Vidyabharati Mahavidyalaya, Amravati	Computer Science and IT	Challenges in Data Mining	Oral Presentation
55	Mr. Yogesh V. Hushare	Shri Shivaji Science College , Amravati	Computer Science and IT	Analytical Study of AI techniques for data analytics	Oral Presentation
56	Mrunal G. Jaiswal	Shri Shivaji Science College , Amravati	Computer Science and IT	Dynamic Relevance Shifting: Advancing Anomaly Detection in Dynamic Data Mining with Deep Learning	Poster Presentation
57	Ms. Rujuta A. Palwekar	Government's Vidarbha Institute of Science And Humanities, Amravati	Computer Science and IT	ARTIFICIAL INTELLIGENCE & ITS APPLICATIONS	
58	Ms. Rupali Shridharrao Kale	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	An Overview of Devanagari Sign Language Using Hand Recognition: Advancement & Challenges	
59	Ms. Rutuja Bhojraj Kakade	Brijlal Biyani Science College, Amravati	Computer Science and IT	To Analyze Application of Artificial Intelligence in Machine Learning	Oral Presentation
60	Ms. Sheetal M.Yawalkar	Shrimati Narsamma Arts, Commerce & Science College Kiran Nagar, Amravati	Computer Science and IT	Multimodal Method for Predicting Social Media Popularity Using Machine Learning	Poster Presentation
61	Ms. Shivani Diliprao Sarde	Shri Shivaji Science College , Amravati	Computer Science and IT	Investigate the Benefits and Challenges of Open Source Software Adoption in Small and Medium-Sized Enterprises	



62	Narendra Manikrao Jathe	Shrimati Narsamma Arts, Commerce & Science College Kiran Nagar, Amravati	Computer Science and IT	AN ANALYTICAL STUDY OF VARIOUS WEB CONTENT MINING TECHNIQUES AND INFORMATION RETRIEVAL	Oral Presentation
63	Neha Vinod Ingole	Shri Shivaji Science College , Amravati	Computer Science and IT		Poster Presentation
64	Nikita G. Shekokar	Brijlal Biyani Science College, Amravati	Computer Science and IT	Analysis of Techniques to Enhance the Network Security in Database	Oral Presentation
65	Nikita Vilasrao Jolhe	Shri Shivaji Science College , Amravati	Computer Science and IT	INVESTIGATING THE POTENTIAL OF IOT FOR SMART AGRICULTURE	Poster Presentation
66	Palash Pravin Feddewar	Science College, Nagpur	Computer Science and IT	A Review of Two Deep Learning Models for Video Processing	Oral Presentation
67	Patil Sanjay Sheshrao	Gramin Mahavidyalaya, Vasantnagar	Computer Science and IT	Smart Security : Leveraging Machine Learning for Iris Recognition Enhancement	Oral Presentation
68	Payal Mahipalsingh Jarole	Shri Shivaji Science College , Amravati	Computer Science and IT	Cyber security::Study On Attack,Threat, Vulnerability	Poster Presentation
69	Pooja Bhagchand Udasi	Sant Gadge Maharaj Mahavidyalaya, Walgaon , Amravati	Computer Science and IT	"Exploring Income and Employment Generation Through MGNREGA in Amravati District: Integrating Technology for Efficient Record-Keeping"	
70	Pranjal Raju Pingale	Brijlal Biyani Science College, Amravati	Computer Science and IT	Advanced Techniques, Attacks and Cloud Security Measures for Cloud-Based Datasets	
71	Pratiksha Gaurav Kakade	Shri Shivaji Science College , Amravati	Computer Science and IT	Data mining in the university library	
72	Pratiksha Kalmegh	Shri Shivaji Science College , Amravati	Computer Science and IT	METHODS OF INFORMATION RETRIEVAL AT A GLANCE	
73	Priya Kapil Shete	G. S. Science, Arts and Commerce College, Khamgaon	Computer Science and IT	Review of blockchain technology to improve the security of digital certificate	
74	Priyanka Sanjay Shelke	Shri Shivaji Science College , Amravati	Computer Science and IT	Leveraging IoT in healthcare:A review of Applications,Challenges and Future Directions	
75	Priyanka Saurabh Sharma	J. M. Patel Arts, Commerce & Science College, Dighori, Nagpur	Computer Science and IT	Today's Challenges, Trends & Applications of Natural Language Processing (NLP)	Oral Presentation
76	Prof. Harshada Govindrao Tekade	Shri Shivaji Science College , Amravati	Computer Science and IT	Open Source License understanding for Software Developers.	
77	Prof. Miss. Rasika K. Awatade	Dr. Gopalrao Khedkar Mahavidyalaya, Gadegaon(Telhara )	Computer Science and IT	A Brief Review on Artificial Intelligence & Recent advances in Open AI Technology..	Poster Presentation

78	Prof. Nikhilesh Shriram Kariya	P. R. Pote Patil College of Engineering and Management, Amravati.	Computer Science and IT	Challenges in Data Mining	Oral Presentation
79	Prof. Pooja P. Kharpe	Shri Shivaji Science College , Amravati	Computer Science and IT	Review of open source license tools and technology	
80	Prof. Pranali Surendra Dudhat	Shri Shivaji Science College , Amravati	Computer Science and IT	"Transforming Higher Education In India : Leveraging Artificial Intelligence Tools To Improve The Teaching Learning Process."	
81	Prof.Amarpal Devising Chavan	Dr. Manorama & Prof.Haribhau Shankarrao Pundkar ACand Science College Balapur Dist: Akola	Computer Science and IT	The Role of Quantum Computing in the future of Cyber Security	
82	Rajeshwari Yashwant Chawke	Shri Shivaji Science College , Amravati	Computer Science and IT	Artificial Intelligence: A Review on Evolution and Future Trends	
83	Rashmi A.Charjan	JJT University, Rajasthan	Computer Science and IT	Development of Advisory System by using Asp.Net Technology	Oral Presentation
84	Ravindra Devidas Kene	Adarsh College, Hingoli	Computer Science and IT	Property tax assessment of municipal corporation using GIS cloud services: Study of literatures	
85	Ritesh Anil Pawar	Shri Shivaji Science College , Amravati	Computer Science and IT	The Role of AI In Securing the Internet of Things (IoT)	Poster Presentation
86	Rohini Nivruttirao Khandekar	Vidya Bharati Mahavidyala, Amravati	Computer Science and IT		Poster Presentation
87	Rubina Gouhar Kureshi	Dhote Bandhu Science College, Gondia	Computer Science and IT	Comparative Analysis of Cyber Attacks Prediction using Deep Learning Techniques	Oral Presentation
88	Rutuja Pramod Manekar	Shri Shivaji Science College , Amravati	Computer Science and IT	IOT Applications And Challenges In Smart Cities And Services	Poster Presentation
89	Sakshi Santosh Sambhwani	P. R. Pote Patil College of Engineering and Management, Amravati.	Computer Science and IT	"Exploring Income and Employment Generation Through MGNREGA in Amravati District: Integrating Technology for Efficient Record-Keeping"	
90	Sakshi Sushil Paliwal	Adarsha Science, J. B. Arts and Birla Commerce Mahavidyalaya, Dhamangaon Rly	Computer Science and IT	Artificial Intelligence-Based User Utility Suite using Python	Oral Presentation
91	Sangeeta Majage	Karnataka Arts, Science and Commerce College,Bidar.	Computer Science and IT	A Cyber Security Approach to Data Encryption and Decryption Using Symmetric Cryptography	Oral Presentation
92	Sanskriti Mohan Ambadkar	Brijlal Biyani Science College, Amravati	Computer Science and IT	Techniques of Grammatical error detection in machine Learning :A comparative study	Oral Presentation



93	Sapna Pamnani	P. R. Pote Patil College of Engineering and Management, Amravati.	Computer Science and IT	"An analytical study of investors perspective for risk return relationship towards investment avenues and the role of computational tools aid in decision making"	
94	Shradha Sunil Pawar	Brijlal Biyani Science College, Amravati	Computer Science and IT	Analyze the Challenges of Machine Learning	Oral Presentation
95	Shravani Satish Dipte	Brijlal Biyani Science College, Amravati	Computer Science and IT	An Analysis Of Unsupervised Network Model Of Visual Data	Oral Presentation
96	Shravani Shashikant Balapure	SIPNA COLLEGE OF ENGINEERING AND TECHNOLOGY, AMRAVATI	Computer Science and IT	AI-DRIVEN TRANSFORMATION OF URBAN LANDSCAPES : A REVIEW OF SMART CITY IMPLEMENTATIONS	Oral Presentation
97	Shubhangi Rajendra Patil	G. S. Science, Arts and Commerce College, Khamgaon	Computer Science and IT	Review of Blockchain Technology to improve the Security of Digital Certificate	
98	Smt. Ashwini Shahu Waghmare	Dnyanopasak College of Art's, Science and Commerce, Parbhani.	Computer Science and IT	Soft Computing Techniques In Image Processing	Poster Presentation
99	Sneha Kanhaiyalal Kabire	Shri Shivaji Science College , Amravati	Computer Science and IT	Studying the effectiveness of current cyber security measures	
100	Sonali Kishor Barad	Mahatma Jyotiba Fule Mahavidyalaya, Amravati	Computer Science and IT	Insider Threat Detection Solutions in Cybersecurity	
101	Sumer Manoj Tiwari	Brijlal Biyani Science College, Amravati	Computer Science and IT	A Review on QR Code-Based Cyberattacks	Oral Presentation
102	Sundeep S. Gawande	Shri Shivaji Science College , Amravati	Computer Science and IT	Data Mining for Predicting Stock Prices on Fundamental Analysis	
103	Swati Shrirang Khandalkar	Science College, Nagpur	Computer Science and IT	Heart disease risk prediction through Artificial Neural Networks	Oral Presentation
104	Tejas Wankhade	Shri Shivaji College of Arts, Commerce and Science, Akola	Computer Science and IT	SURVEY PAPER ON DROWSINESS DETECTION SYSTEM	Oral Presentation
105	Ujwala S. Junghare	Shri Shivaji Science College , Amravati	Computer Science and IT	Analytical Study of AI techniques for data analytics	Oral Presentation
106	Unnati M. Bondgulwar	Brijlal Biyani Science College, Amravati	Computer Science and IT	A Comparative Study Of an Approaches Of Automated the Detection Of Grammatical Errors	Oral Presentation
107	Vaishali Wamanrao Pawade	Shri Shivaji Science College , Amravati	Computer Science and IT	Sentiment Analysis : Concept, Techniques and Challenges	
108	Vaishnavi Gajanan Mokalkar	P. R. Pote Patil College of Engineering and Management, Amravati.	Computer Science and IT	REVIEW PAPER ON CHATBOT FOR COLLEGE	Oral Presentation



109	Varkha K.Jewani(Pragati V.Thawani)	KC COLLEGE, CHURCHGATE, HSNC UNIVERSITY, MUMBAI	Computer Science and IT	Machine Learning Techniques for Enhancing Security in IoT: A Comprehensive Review	
110	Varun Sanjay Shende	Bharatiya Mahavidyalaya, Amravati	Computer Science and IT	Image classification based on deep learning and tensorflow	Oral Presentation
111	Varun Sanjay Shende	Bharatiya Mahavidyalaya	Computer Science and IT	Image classification based on deep learning and tensorflow	Oral Presentation
112	Vinodkumar Vishwasrao Agarkar	Shri D. M. Burungale Science & Arts College, Shegaon	Computer Science and IT	A Study of Stemming Algorithms in Text Mining	Oral Presentation
113	Vishakha Harish Kherde	Shri Shivaji Science College , Amravati	Computer Science and IT	IOT Based Home Security And Automation System	Poster Presentation
114	Wrundali Prakash Shende	P. R. Pote Patil College of Engineering and Management, Amravati.	Computer Science and IT	Review paper on college enquiry chatbot	Oral Presentation

## Photos:









**Outcomes:**

1. Strengthened collaboration between researchers and industry experts.
2. Provided a platform for young researchers to showcase their work.
3. Identified emerging trends and challenges in computational science.

The conference received enthusiastic feedback, and participants expressed interest in attending future editions. NCECST-2024 was a resounding success, further solidifying the Department of Computer Science's commitment to advancing research and innovation in computational science.



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