



॥ विद्या विनयेन शोभते ॥

Janardan Bhagat Shikshan Prasarak Sanstha's

# CHANGU KANA THAKUR

Arts, Commerce and Science College, New Panvel (Autonomous)

Re-accredited 'A+' Grade by NAAC (3<sup>rd</sup> Cycle - CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

**NATIONAL SEMINAR ON**

**"EMERGING TRENDS IN DATA SCIENCE AND MACHINE LEARNING"**

**17<sup>th</sup> FEBRUARY 2020**

**Organized By**

**DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY**

**Under the aegis of Rashtriya Uchcharat Shiksha Abhiyan (RUSA)**



**Venue**

**CHANGU KANA THAKUR Arts, Commerce and Science College, New Panvel (Autonomous)**

Plot No.- 01, Sector - 11, Khanda Colony, New Panvel (W), Dist. - Raigad, Pin - 410 206

(022) 2746 4193 URL : [www.ckthakurcollege.net](http://www.ckthakurcollege.net)

## THE SANSTHA

Hon'ble Shri. Ramsheth Thakur, a former Member of Parliament, benevolent local leader and committed social worker along with his dedicated and determined stalwarts founded the 'Janardan Bhagat Shikshan Prasarak Sanstha, Panvel' in 1992, in the memory of Late Shri. Janardan Bhagat Saheb, a philanthropic social reformer, to provide quality education to the disadvantaged and project affected people.

Sanstha has grown into an educational foundation promoting global thinking consistent with national interest and promoting the values, professionalism, social sensitivity and dynamic entrepreneurship.

During the span of 25 years of its glorious journey, the Sanstha has established 18 institutions including 03 Degree Colleges, 03 Junior Colleges, 10 Schools and 02 Professional institutes in Raigad and Navi Mumbai with strong vision and passion for being the pioneers of the modern education system. All these institutes are state-of-art, with ever expanding facilities and infrastructure. Over eighteen thousand students are taking education from KG to Ph.D. level in the various institutions of the Sanstha

## THE COLLEGE

Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous), is a multi-faculty premier institution of higher education with an enrolment of more than 4,000 students and, offers 14 undergraduate, 11 post-graduate and 07 Ph.D. programmes.. The college has received a status of 2(f) and 12(B) from University Grants Commission, New Delhi and permanently affiliated to University of Mumbai. It is one of the youngest colleges in India to complete three cycles of NAAC accreditation with A grade in first and second cycle and A+ (with CGPA 3.61) in the third cycle (valid till 2024). The college has been awarded with the status of College with Potential for Excellence by UGC, New Delhi in 2009-10 which was subsequently continued from 2013-14. The college is also a recipient of DST-FIST grant. From 2019-20 college has been awarded with Graded Autonomous status by UGC, New Delhi for the period of ten years.

The college is certified with Quality Management System (ISO 9001:2015), Environmental Management System (ISO 14001:2015) and Green Standard (GSCP-01-2010).

The College has 02 NCC Units - Army (Boys) and Army (Girls) with an enrollment of 104 cadets and 03 NSS units with 300 volunteers.

Research is an integral part of teaching. 18 faculty members are Ph.D. guides and 39 students have registered under the guidance of faculty at the institution. Many are working on research projects and have published a number of research papers in national and international peer-reviewed journals.

To groom the research aptitude among the students, the college motivates students to participate in 'Avishkar Research Convention', a research festival conducted by University of Mumbai. As an outcome of this practice, the college has bagged Overall University Championship of Avishkar Research Convention for nine times from 2009-10 to 2018-19.

We inculcate the importance of research in the young minds of our N.S.S. volunteers and guide them to undertake Community-based Research Projects. The outcomes of these projects are published in our college level research journal 'Anugooni' with ISSN 2348-9731. It is published every year since 2011-12 till date. In the span of 22 years, the college has brought up many laurels because of its holistic development and excellence in academics, cultural, sports, social and research activities at University, State as well as National levels.

- 'Autonomous Status' by University Grants Commission and University of Mumbai (2019-2020 to 2028-2029)
- Re-accredited 'A+' Grade by NAAC (3rd Cycle - CGPA3.61) (2017-2024)
- 'College with Potential for Excellence' Status Awarded by University Grants Commission (Twice) (2009-2010 to 2012-2013 and 2013-2014 to 2018-2019)
- 'Best College Award' by University of Mumbai (2006-2007)
- 'Lead College' Status by University of Mumbai (2011-2012)
- 'FIST Grant' by Department of Science and Technology (DST), Government of India to Department of Chemistry and Department of Microbiology (2014-2015)
- Seventeen Merit Rankers at University of Mumbai
- 'Best N.S.S. Unit Award' by University of Mumbai (Four times)(2002-2003, 2006-2007, 2007-2008 and 2012-2013)
- 'Best N.S.S. Programme Officer Award' by University of Mumbai (Twice) (2006-2007 and 2007-2008)
- 'Best N.S.S. Volunteer Award' by University of Mumbai (Twice) (2005-2006 and 2006-2007)
- 'Overall Championship Trophy' for Avishkar Research Convention, University of Mumbai (Nine Times) (2009-2010, 2010-2011, 2011-2012, 2012-2013, 2014-2015, 2015-2016, 2016-2017, 2017-18 and 2018-2019)
- 'Overall Runner Up Championship Trophy' for Avishkar Research Convention, University of Mumbai (2013-2014)
- 'Overall Runner Up Championship Trophy' for Cultural Youth Festival, University of Mumbai (2009-2010)
- National, State, University, Zonal and District Level Prizes in Cultural, Sports and Research Activities

## ABOUT THE DEPARTMENTS

The Department of Computer Science was established in the year 2001-02. The department offers degree program B.Sc. and post graduate degree program M.Sc. in Computer Science. The department of Information Technology was established in the year 2008-09. The department offers B.Sc. and post graduate degree programme M.Sc. in Information Technology.

Both the departments have separate well equipped laboratories for undergraduate and post graduate programmes. The teachers and students have the facility of departmental library. The departments are continuously striving hard for the development of students as a software trainer and understanding the concepts of Computer Science and Information Technology. We conduct various student oriented activities which includes Seminars, Workshops, E-fest and Expert Lecture series. Also our students participate in 'Avishkar Research Convention' so as to give them exposure in

the field of research. They also offer Campus Interview programme and Placement services to under graduates and post graduate students. The faculties and students have successfully presented their research papers in National and International Seminars

## THE SEMINAR

This Seminar brings together thought-leading speakers and researchers across campus to discuss topics related to data analysis, visualization and applications to domain sciences. Data Science has facilitated rapid growth in industries and has minimized their losses. Machine learning is merely based on predictions made based on experience. It enables machines to make data-driven decisions, which is more efficient than explicitly programming to carry out certain tasks.

**The National Seminar on “Emerging Trends In Data Science and Machine Learning” aims:**

- Disseminate innovative applications of Data Science and Machine Learning in all disciplines.
- Promote both summative and progressive reviews on specific themes related to Data Science and Machine Learning.

### Seminar Highlights

Research Papers are invited on the following suggested topic

- Data Science
- Machine Learning
- Deep Learning
- Big data
- Artificial Intelligence

### Registration

- Registration can be made through following link

[https://docs.google.com/forms/d/e/1FAIpQLSehP63ZBOCh5hleaxUh9KmqCFKe1POQKAtF\\_JizDCdYun5gg/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSehP63ZBOCh5hleaxUh9KmqCFKe1POQKAtF_JizDCdYun5gg/viewform?usp=sf_link)

- Last date of submitting the Registration is 10th February 2020
- No Registration fees
- Seats are limited. Priority given on the basis of first come.
- Accommodation will be provided on prior request basis.

### Call for Paper

Well- researched original and unpublished papers are invited from research scholars, academicians, students and professionals on the theme of the seminar.

Guidelines For Submission of Research Paper

The manuscript should be prepared in the following formats: -

- The cover page of the manuscript must contain the Title of the paper, Author's name, Designation, Affiliation, Contact No. and Email address
- Abstract should not exceed 300 words and should be followed by minimum 3 keywords
- Manuscripts should be in A-4 size, MS Word format, font style- Times New Roman, Font size : Heading - 14, Regular Bold, Text – 12, Line and Paragraph spacing – 1.5 with left and right margin justified.
- Total length of full paper must not exceed 3000 words or 6 pages including graphs, tables and appendices.
- All references should follow APA style.
- Only standard paper will be accepted after checking the plagiarism
- Each author must register separately for the seminar.
- Research paper would be published in UGC- Care list journal.

## PROGRAMME SCHEDULE

Time	Particulars
9:00 am to 10:00 am	Registration and Refreshment
10:00 am to 11:30 am	Inaugural Session and Keynote Address (Prof. Dr. C. V. Suresh Babu Hindustan University Chennai, Tamilnadu)
11:30 am to 12:30 pm	Technical Session 1 (Prof. Dr. Deepali Vora, Head – IT VIT, Wadala, Mumbai)
12:30 pm to 1:30 pm	Technical Session 2 (Prof. Dr. K. H. Walse, Head of Dept. of Computer Engineering, Anuradha Engineering College, Buldhana)
1:30 pm to 2:30 pm	Lunch
2:30 pm to 3:30 pm	Paper Presentation 1
3.30 pm to 4:30 pm	Paper Presentation 2
4:30 pm to 5:00 pm	Valedictory

## CHIEF PATRON

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RUSA Co-ordinator,  
Changu Kana Thakur A.C.S.  
College, New Panvel  
(Autonomous)

## RESOURCE PERSON

**Prof. Dr. C. V. Suresh Babu**  
Hindustan University  
Chennai,  
Tamilnadu

**Prof. Dr. D. Vora**  
Head of  
Information Technology,  
VIT, Wadala(E)

**Prof. Dr. K. H. Walse**  
Head of Dept. of  
Computer Engineering,  
Anuradha Engineering College,  
Chikhli (Buldhana)

## CONVENER

**Mrs. M. M. Mohod**  
Head,  
Department of Information Technology

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Head,  
Department of Computer Science

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