



॥ 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 (Third Cycle-CGPA 3.61)

'College with Potential for Excellence' Status Awarded by UGC

'Best College Award' by University of Mumbai

**Research Advisory Committee in association with
Internal Quality Assurance Cell (IQAC) Organize**

National Level Two Week Ph.D Coursework

On

**"Research Methodology and Computer Applications"
(RMCA-2023)**

(25th October - 04th November, 2023)

By Virtual Mode



About 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 in memory of Late Shri. Janardan Bhagat Saheb in 1992. The vision envisaged by Late Shri. Janardan Atmaram Bhagat, a philanthropic social reformer to provide quality education to the disadvantaged and project-affected people becomes reality. 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 31 years of its glorious sojourn in the field of education, the Sanstha has established 17 institutions with a strong vision and passion for being the pioneers of the modern education system. All these institutes are state-of-the-art, with ever-expanding facilities and infrastructure. Seventeen thousand students are taking education from KG to Ph.D. level in various institutions of the Sanstha.

About The College

Changu Kana Thakur Arts, Commerce and Science College, New Panvel (Autonomous) is located in Khanda Colony, New Panvel, Navi Mumbai, Maharashtra, India. It is permanently affiliated to University of Mumbai (2005-2006) and recognized under 2 (f) and 12 (B) (2006-2007) by University Grants Commission, New Delhi. The college has committed itself to provide quality education to all strata and becoming Centre of Excellence in the process of facilitating effective teaching and learning with several career oriented traditional and speciality programmes. The college offers 15 under-graduate, 15 post-graduate, 07 research programmes along with 15 remedial, 15 bridge, 37 certificate, 03 diploma and 01 post-graduate diploma programmes. The college has highly qualified, devoted and committed faculty. More than 65% of them are engaged in various research activities. The college has well fenced and demarcated premises of 05 acres & 1.75 acres of botanical garden. In the span of 26 years, the college has brought up following laurels because of its holistic development and excellence in academics, cultural, sports, social and research activities at University, State as well as National levels.

About the Workshop

Research is the careful investigation of research problem in a particular area using scientific methods. Research is a systematic inquiry to describe, explain, predict, and control the observed phenomenon. It suggests thorough inquiry and a commitment to science, where the researcher examines the facts more carefully in order to learn everything that can be learned about the topic at hand. Management decision-making is facilitated and uncertainty is decreased by applied research.

One must be knowledgeable with the most recent advancement in research methods to improve research and innovation in any discipline. By considering significance of research methodology, the Coursework on **“Research Methodology and Computer Applications (RMCA-2023)”** aims to explore the fundamental aspects of research and the consequent necessity for participants to reevaluate the presuppositions underlying traditional paradigms of management research. The workshop is designed to give practical approach to participants with empirical learning to conduct research. On completion of the workshop, participants are likely to have developed the skillsets to review the literature, develop hypotheses, frame research design, identify sampling techniques and comprehend the role and relevance of the tools for data collection and analysis. The participants will receive brief theoretical and practical inputs over the course of the Ten-days training.

At the conclusion, they will do independent data analysis and present their findings.



Course Structure

	Days	TOPICS
Section I: Research Methodology		
Unit-I : Scientific Research		
1.	Day 1 (25 th October 2023) Timing: 09:00 AM - 05:00 Pm	Scientific Research - Meaning of Scientific Research and Research Problem
2.	Day 2 (26 th October 2023) Timing: 09:00 AM - 05:00 Pm	Research Process - Selecting & defining Research problem and Research Design
Unit - II : Literature survey		
3.	Day 3 (27 th October 2023) Timing: 09:00 AM - 05:00 Pm	Literature survey: Need for Literature Survey, References, Types of reference writing of reference
4.	Day 4 (28 th October 2023) Timing: 09:00 AM - 05:00 Pm	Literature survey: Abstraction of a research paper, and possible ways of getting oneself abreast of current literature. Sources of literature.
Unit-III: Documentation and scientific writing		
5.	Day 5 (30 th October 2023) Timing: 09:00 AM - 05:00 Pm	Documentation and scientific writing: Paper presentation Thesis writing, Report writing, Review writing and Bibliography
Section II: Computer Applications		
Unit-I: Computer Skills		
6.	Day 6 (31 st October 2023) Timing: 09:00 AM - 05:00 Pm	Use of word processing: spreadsheet and database software. Plotting of graphs. Internet and its application
7.	Day 7 (01 st November 2023) Timing: 09:00 AM - 05:00 Pm	Statistics (Biostatistics): Data presentation and Properties of Normal Distributions
8.	Day 8 (02 nd November 2023) Timing: 09:00 AM - 05:00 Pm	Statistical Data Analysis and fitting of data : Data Analysis: Mathematical and statistical analysis using software tools like MAT Lab, SPSS, Design Expert, PsiLAB or free ware tools.
9.	Day 9 (03 rd November 2023) Timing: 09:00 AM - 05:00 Pm	Subject specific Sessions
10.	Day 10 (04 th November 2023) Timing: 09:00 AM - 05:00 Pm	Subject specific Sessions & Valedictory Ceremony

Ph.D. Course work and Examination Qualifying Criteria:

1. A PhD. scholar has to obtain a minimum 40% of marks or its equivalent grade in the UGC 10- point scale in the course work in order to be eligible to continue in the program and submit the dissertation/thesis.
2. Attendance for coursework is mandatory to appear for Examination.

Evaluation process of coursework:

Paper setting & evaluation: The Controller of Examination section shall appoint paper setters at his own discretion or from the list recommended by Research Advisory Committee

Key Highlights

- Practical sessions with suitable illustrations and demonstrations.
- Sessions for managing, analyzing and obtaining results from experimental data.
- Interactive seminars with relevant examples and demonstrations.
- Coverage of Data Analysis Techniques.
- Data Interpretation, Formulation of Results and Outcomes

Expected Learning Outcomes

- Understand the Research Concepts & Methodology.
- Apply the correct statistical technique and computer applications for different research questions.


Eligibility

- The coursework opens to Faculty members (regular/ad-hoc/temporary/guest) from any Indian/Foreign University/college.
- Ph. D. research scholars admitted in any discipline Arts/Commerce/ Science.
- Registration for all the participants is mandatory.
- Registered participants will be given E-certificates.
- Registration fees: Rs. 2000/-
- Last date of Registration : 23rd October 2023
- Registration Link : <https://forms.gle/HgYWjSyZYjoRRtN9>
- After Registration Please Join WhatsApp Group : <https://chat.whatsapp.com/lwiDFvL41HJKIJWbPROaoB>

Payment Details :

Account pay / Google pay / BHIM UPI Phone pay in favor of..

Principal Changu Kana Thakur ACS College Unaided Salary A/C

Particulars	Fees	Account No	: 0023104000349536	
Registration	Rs.2000/-	Bank Name	: IDBI	
		Branch	: New Panvel	
		IFSC Code	: IBKL0000023	

For further queries, please mail us at:

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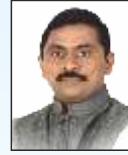
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