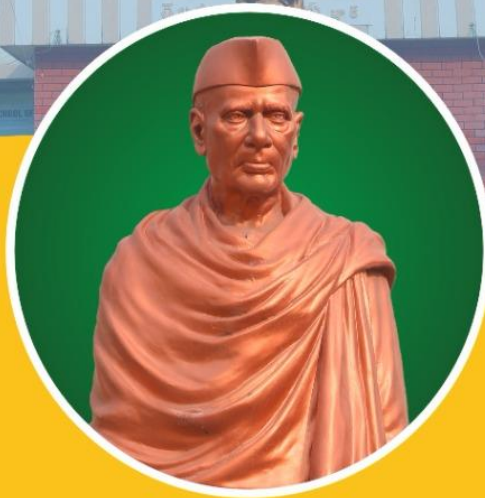




KBN COLLEGE
ESTABLISHED IN 1965



ISO 9001-2015 CERTIFIED

NAAC 'A' GRADE CYCLE 3

KAKARAPARTI BHAVANARAYANA COLLEGE

(AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee), Kothapeta, Vijayawada - 520 001.

A College with Potential for Excellence (CPE) 3.5 Star Rating in Innovations & Start-Ups by MoE
Recognized as Band PERFORMER in ARIIA by Ministry of Education, Govt. of India

3.4.1: The Institution ensures implementation of its stated Code of Ethics for research.

ADDITIONAL INFO.

- 🔗 Research Methodology – Course Content
- 🔗 Proceedings of Ethics committee
- 🔗 Proceedings of the Research and Development Cell
- 🔗 Plagiarism Software
- 🔗 Research Policy highlighting the Research Ethics Committee Roles & Responsibilities and About Plagiarism Software

RESEARCH METHODOLOGY – COURSE CONTENT

KBN College has introduced a mandatory "Research Methodology" course for all first-year postgraduate students starting from the academic year 2022-23. This course is designed to instill in students the significance of research as a vital tool for their academic advancement.

K. B. N. COLLEGE (AUTONOMOUS)

(Sponsored by: S.K.P.V.V. Hindu High Schools' Committee), Vijayawada – 520001

Class	Semester	Title of The Paper	W.E.F
I MBA, MCA, M.Sc. (OCH) & (ACH)	II	RESEARCH METHODOLOGY & IPR	2022-23

Total No of Hours for Teaching - Learning	Instructional Hours for Week			Duration of SEE in Hours	Max Marks			Credits
	Learning	Practical	Tutorial		CIA	SEE	Total	
45	2	0	1	3 Hours	30	70	100	3

Course Description and Purpose:

The aim of this course is to develop research bent of mind (spirit of inquiry) and impart research skills to the all Post graduate students. It also encompasses the series of research methodology contents: from problem formulation, to design, to data collection, analysis, reporting and dissemination. This course also covers intellectual property rights (IPR), and intended to equip students with conceptual understandings of current scenario of IPR, and the practical issues encountered in filing patents, trademarks and copyrights.

Course Objectives:

- To understand some basic concepts of research and its methodologies
- To develop an understanding of the basic framework of research process.
- To develop an understanding of various research designs and techniques.
- To identify various sources of information for literature review and data collection.
- Ability to write a research Proposal, report and thesis
- To demonstrate knowledge and understanding of IPR Filing and Rights

Course Outcomes:

At the end of this course the students should be able to:

- Understand some basic concepts of research and its methodologies
- Identify appropriate research topics
- Select and define appropriate research problem and parameters
- Demonstrate the ability to choose methods appropriate to research aims and objectives
- Have adequate knowledge on measurement & scaling techniques
- Have basic awareness of data analysis-and hypothesis testing procedures
- Prepare a project proposal (to undertake a project)

- Write a research report and thesis
- File Patents, Trademarks and Copy Rights

Course Content

Unit - I

Foundations of Research : Meaning of Research – Definitions of Research – Motivation in Research – General Characteristics of Research – Criteria of Good Research – Types of Research – Research Process – Research Methods vs. Methodology – Defining and Formulating the Research Problem – Review of Literature – Approaches to Critical Literature Review – Importance of Literature Review in Identifying Research Gaps and Defining a Problem – Development of Working Hypothesis.

Unit - II

Research Design, Sampling Concepts, and Data Collection Methods : Meaning, Significance and Characteristics of Good Research Design – Types of Research Design: Exploratory, Conclusive Research and Experimental – Sampling Theory: Types of Sampling and Errors in Sampling – Data Collection: Types of Data – Data Collection Methods and Techniques for Primary and Secondary Data.

Unit - III

Measurement & Scaling Techniques, Hypothesis Formulation and Testing, Overview of Data Analysis and Report Writing : Basic measurement scales – Reliability & Validity – Definition and Types of Hypothesis – Hypothesis Formulation and Testing Procedure – Overview of Data Analysis: Methods, Process and Types – Report Writing: Significance of Report Writing, Different Steps in Writing Report, Layout of the Research Report, Types of Reports, Oral Presentation, Mechanics of Writing a Research Report, Precautions for Writing Research Reports – How to Write a Research Proposal – Research Ethics, Conflict of Interest and Plagiarism

Unit - IV

Intellectual Property Rights (IPR): Definition and Nature and Features of Intellectual Property Rights (IPR) – Types of Intellectual Property Rights – Procedure for Grants of Patents – Rights of a Patent – Scope of a Patent Rights Licensing and Transfer of Technology – Why protection of intellectual property is important? – Enforcement of IPR – Infringement of IPR.

Unit - V

Indian and International Scenario and New Developments in IPR: IPR Developments in India for the past Five Years – Development of IPR Laws in India – International Cooperation on IPR – New Developments in IPR – Administration of Patent System –International Patent protection – Case Studies in Indian and Global Contexts.

(Case Study Not Exceeding 300 words)

PRACTICAL COMPONENTS:

- Students should identify different research problems with examples and describe the characteristics of researchable problems in their academic area / society / community / organization concerned.
- Students are to form in groups (a group consists of 4-6 students) and conduct critical literature survey with regard to the identified research problems and prepare a brief literature review coupled with research gaps and working hypothesis.
- Students are required to identify and develop good research design to address the defined research problems.
- Students are expected to write the research design on Exploratory and Descriptive Research.
- Students are required to develop practical experience in writing a research proposal by conducting a thorough critical review of any three research proposals (examples).
- Students are expected to develop templates for technical report writing.
- Students should conduct a team based mini research project, which is a unified and practical case on a topic of their choice, with approximately 4-6 students per group.
- Students are expected to identify types of plagiarism in academic research, and how to avoid plagiarism in research.
- Students are asked to identify and submit a brief report on Indian patents of International repute.
- Students are asked to write on Patent registration procedure, and visit Official website of Intellectual Property India <https://ipindia.gov.in> to know how to get IPR in India.
- Students are asked to identify and summarize remedies available against the infringement of intellectual property rights in Indian and global contexts.
- Students are asked to submit any five examples of ethical issues in copyright and patents.

PROCEEDINGS OF ETHICS COMMITTEE



ESTD: 1965

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by: S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, Vijayawada – 520 001.

Affiliated to Krishna University, Machilipatnam

Accredited with CGPA of 3.11 on Seven Point Scale at 'A' Grade in Cycle 3 by NAAC

A College with Potential for Excellence (UGC - CPE) 3.5 Star Rating in Innovations & Start-Ups by MoE

Recognized in the Band "PERFORMER" in ARIIA by Ministry of Education, Government of India



0866-2565679

Email: info@kbncollege.ac.in

Date: 02.07.2022.

The Research Ethics Committee is constituted with the following members for the Academic Year 2022-23.

S. No.	Name of the Faculty	Designation
1	Sri PL Ramesh	Vice-Principal
2	Sri S. Venkatesh	Director, PG Courses
3	Dr. G. Krishnaveni	IQAC Coordinator
4	Dr. K. Kiran Kumar	Convenor, KBNC Research Promotion & Monitoring Cell
5	Prof. D. Surya Chandra Rao	Dept. of Business Management, Krishna University, Machilipatnam
6	Dr. D. Rama Sekhar Reddy	Dept. of Chemistry, Krishna University, Machilipatnam
7	Dr. B. Jagan Mohan Reddy	Dept. of Chemistry, Adikavi Nannaya University, Rajahmundry

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PRINCIPAL

PRINCIPAL

Kakaraparti Bhavanarayana College
VIJAYAWADA-1.

PROCEEDINGS OF THE RESEARCH AND DEVELOPMENT CELL



Estd:1965

KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by: S.K.P.V.V. Hindu High Schools Committee)

A COLLEGE WITH POTENTIAL FOR EXCELLENCE (CPE)

Kothapeta, VIJAYAWADA – 520 001. ☎: 0866-2565679

ISO 9001-2015 CERTIFIED INSTITUTION

NAAC 'A' GRADE

T. SRINIVASU
SECRETARY & CORRESPONDENT

Date : 01st June 2022

PROCEEDINGS OF THE SECRETARY & CORRESPONDENT

Dr.K.KIRAN KUMAR., M.Sc.,Ph.D., is informed that he was appointed as a **Director, K.B.N. College Research Cell** on his assumption of charge as director, he is responsible for promotion of research activity in the college and he is directed to report the principal on the said activity. He will be paid a consolidated pay as fixed by the management from time to time. The appointment is temporary and can be terminated at any time without any notice. He should take charges forthwith.


Secretary & Correspondent

Secretary & Correspondent
Kakaraparti Bhavanarayana College
VIJAYAWADA-520 001.

To,

Dr.K.KIRAN KUMAR



ESTD: 1965

KAKRAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

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0866-2565679

Email: info@kbncollege.ac.in

Dr. V. NARAYANA RAO, M. Com., Ph.D.,
PRINCIPAL

Date: 02.07.2022

NOTICE

The following faculty are appointed as Research Development Cell members for the Academic Year 2022-23. They are required to serve their duties and assistant to the Director of Research Development Cell Dr. K. Kiran Kumar.

Dr. GVSRNSA Sastry, Dept. of Commerce & Management *em*

Dr. M. Venkateswara Rao, Dept. of Commerce & Management *M/Rao*

Dr. G. Krishnaveni, Dept. of Chemistry *G. Krishnaveni*

Dr. K. Siva Prakasa Rao, Dept. of Commerce & Management *K. Siva Prakasa Rao*

Dr. D. Lakshmi Pratyusha, Dept. of MBA *D. Lakshmi Pratyusha*

Rao

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VIJAYAWADA-1.

PLAGIARISM SOFTWARE

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GSTIN: 09AADC1970E1ZV

TAX INVOICE

Reverse Charge : N	Subscription Period : 23 Oct 2023 to 22 Oct 2024
Invoice Number : BL/n/23-24/95	Exchange Rate : INR
Invoice Date : 21-Oct-23	Exchange Rate Base : INR
State : Uttar Pradesh State Code 09	Reference No. : Purchase Order Received
	Reference Date : 20-Oct-2023


Details of Receiver Billed To	Details of Consignee Shipped to
Kakaraparti Bhavanarayana College (Autonomous), Andhra Pradesh (c/o S.K.P.V.V.Hindu High Schools Committee) Kothapeta, Vijayawada-520001 Krishna District, Andhra Pradesh, State : Andhra Pradesh State Code : 37 GSTIN : 37AABAS1653D1ZR	Kakaraparti Bhavanarayana College (Autonomous), Andhra Pradesh To, The Principal, Kakaraparti Bhavanarayana College Kothapeta, Vijayawada-520 001 Krishna District, Andhra Pradesh State : Andhra Pradesh State Code : 37 GSTIN : 37AABAS1653D1ZR

Sr.No.	PRODUCT DESCRIPTION	HSN	QTY	RATE	Disc %	TAXABLE	IGST	TOTAL	
		SAC CODE				VALUE	18	Amount	Rs.
1	DrillBit Pro Anti Plagiarism Software One Admin And 05 User Accounts , 500 Document Submissions 1 Year Annual Subscription Cloud-Based Anti-Plagiarism Software Service	998431	1	60,000.00/Nos		60,000.00	18.00%	10,800.00	70,800.00

TOTAL INVOICE AMOUNT (IN WORDS)	
Rupees Seventy Thousand Eight Hundred Only.	Total Amount Before Tax : 60,000.00
	Total Amount:GST 10,800.00
	Total Amount After Tax 70,800.00
	GST Payable On Reverse Charges : No

Terms and Condition:

- The Invoice is valid for payment within a period of 21 days from the date of issue . In case of delay in payment the amount shall be payable as per the exchange rate prevalent on the date of receipt of payment .
- Bank Charges , if any , Shall be borne by the Customer , in case of short payment , order will not be processed .
- 100% advance payment required, after receipt of payment, account required 5-7 working days for the activation
- Please mention Invoice number in Description / Remarks while making NEFT / RTGS Payment .

Bank Details:	For BALANI INFOTECH PRIVATE LIMITED
Beneficiary Name : BALANI INFOTECH PRIVATE LIMITED	
Bank Name : RBL BANK LIMITED	
Branch Name : NOIDA BRANCH (P-7, SECTOR-18, NOIDA)	
Account No : 1383774	
RTGS/NEFT Code : RATN0000114	
PAN : AADC1970E	

B-116, Sector-67, Noida - 201301
Distt. Gautam Budh Nagar
Uttar Pradesh
Regd. Office: 119, Vinoba Puri, Lajpat Nagar li
New Delhi-110024

**RESEARCH POLICY
(HIGHLIGHTING THE RESEARCH ETHICS COMMITTEE
ROLES & RESPONSIBILITIES AND ABOUT PLAGIARISM
SOFTWARE)**



KBN COLLEGE
ESTABLISHED IN 1965

RESEARCH POLICY



RESEARCH POLICY

The College's research policy outlines its approach to conducting, supporting, and fostering research activities among its faculty, students, and scholars.

Scope of the Research Policy

The policy applies to all the researchers of the college who are active in teaching, research, administration and provision of any form of support to the core functions of the college; all mentors, guides, external experts and sponsors associated with any of the research activities of the college; all academic and administrative departments of the college and all students of the college.

Objectives:

- Increase the quantity and quality of research outputs, such as publications, patents, and innovative projects, over a specified period.
- Diversify and expand sources of research funding to ensure sustainable financial support for research activities.
- Invest in and maintain state-of-the-art research facilities, equipment, and technology to support innovative research.
- Provide mentorship, training, and funding opportunities to help early-career researchers establish themselves in their fields.
- Establish mechanisms for acknowledging and rewarding outstanding research contributions through increments and incentives.
- Develop and enforce ethical guidelines and practices to maintain the highest standards of research integrity.
- Encourage researchers to share their findings through conferences, publications, and public outreach to maximize their impact.
- Encourage student participation in research activities and provide opportunities for hands-on research experiences.
- Foster partnerships and collaborations between researchers and industry to leverage resources and drive innovation.
- Facilitate the process of commercializing research findings and technologies to generate revenue and economic growth.

Research Ethics:

Ethics in research plays a vital role in upholding the integrity and purpose of scholarly inquiry. Adhering to established ethical norms and principles serves to advance the core objectives that underlie the research endeavor. Our Research Ethics Policy serves as a foundational framework, offering overarching guidance for the ethical conduct of individuals engaged in research activities.

The ethics committee is appointed by the institution upon nomination by the principal.

The committee shall be composed of the following members:

- The Principal
- The Vice-Principal
- The IQAC Coordinator
- The Director, Research Promotion & Monitoring Cell
- 3 Nominees of the Principal derived from 3 Universities

The Ethics committee is expected to:

- Provide advice and guidance to the academic community on all matters about academic research ethics.
- Advise the authorities on compliance with the code of ethics in research. Provide guidance and academic support to the scholars on ethical issues in respective of teaching, research and other academic activities.
- The committee acts as consultative body for any disputed matter concerning research ethics and conduct.

The committee make recommendations to the management on what action should be taken to the identified misconduct scholar.

Seed Money Grant:

Promoting a culture of research and motivating faculty to engage in systematic inquiry is a top priority for the college. With this goal in mind, every year the college management has been allocating seed money to integrate support for minor research proposals submitted by the management.

Engaging in research endeavors promotes the generation and sharing of novel knowledge. Educators actively participating in research can instill a culture of curiosity

and thorough investigation in students, shaping a forward-thinking generation with innovation capabilities. Research aids in comprehending fundamental principles, enhancing learning through practical application.

Securing external research funding is a fiercely competitive process, often requiring a demonstrated research background for consideration. Supporting deserving faculty members with funding to initiate their research ambitions not only benefits the individuals but also serves the organization by establishing a foundation for their research pursuits. Ultimately, this initiative can attract external funding in the long term, further advancing the institution's research goals.

Objectives:

- Establishing a sustainable research environment within the college premises.
- Offering essential backing to faculty engaged in research activities.
- Cultivating research that holds significance at a local level, even if it may not have global relevance and thus may not qualify for external funding.
- Enabling faculty to commence pilot research initiatives that have the potential to attract external funding.
- Validating innovative concepts prior to formal proposal submissions to external organizations.
- Encouraging collaboration across different departments.
- Creating exemplary figures for students in the realm of innovative practices.

Guidelines:

- The budget for a research project is determined by the contents of the proposal.
- The project is to be completed within a period of 18 months with a publication in UGC CARE listed Journal.
- The PI is required to submit the progress report for every quarter.
- Half of the sanctioned project amount will be released as the 1st instalment and remaining amount will be released in accordance with the quarterly report.
- The PI is required to submit a detailed report (in a Standard format) after completion of the project.
- The Principal Investigator should give an undertaking letter to continue working

at the college until completion of the project.

- If the Principal Investigator relived from the college in the middle of the project tenure he has to return the received project money with 18% interest.
- ***Appreciation:** The Principal Investigator will be awarded with Rs.10,000 as incentive after completion of the Project.

Research Incentives:

1. Publication Charges & Incentive for publication of Research Papers in UGC Care listed Journals
2. Increments for Ph.D. Awardees
3. Publication Charges for Book Chapters
4. Incentives for Book Publications
5. Registration fee for publication in Conference Proceedings
6. Financial Grant for Minor Research Projects
7. Research Supervisor Guideship fee
8. Membership fee for recognized academic bodies
9. Special incentives for faculty those who completed Major / Minor research projects funded by UGC / DST / etc.
10. Special incentives for faculty who received grants from UGC / DST / ICSSR / Science Academies, etc. for conducting Seminars / Workshops / Conferences / FDPs, etc.
11. Special incentives for faculty who guided successful startups.

Plagiarism:

Plagiarism is the act of using someone else's work, ideas, or intellectual property without proper attribution or permission. Having a plagiarism check policy in place is important to uphold academic and professional integrity, maintain fairness, and protect intellectual property rights.

- Plagiarism Detection Tools include Grammarly, Duplichecker etc will be used to identify instances of plagiarism. Research scholars are directed to bring the files in PDF format and Doc./Docx.
- Emphasize the importance of proper attribution and citation of sources. Detail

citation styles to be followed and how to cite various types of sources (books, websites, articles, etc.).

- Clearly state the consequences for individuals found guilty of plagiarism. This may include academic penalties (e.g., failing an assignment or course), employment consequences (e.g., termination), or legal action in severe cases.
- Promote awareness and education on plagiarism. Encourage individuals to learn about proper citation practices and provide resources or training on the subject.
- Address self-plagiarism and specify how it will be treated.
- Establish a fair and transparent appeals process for individuals who believe they have been wrongly accused of plagiarism.
- Ensure the confidentiality of plagiarism investigations to protect the privacy of individuals involved.
- Regularly review and update the plagiarism check policy to adapt to changing technology, practices, and legal requirements.
- Offer guidance on how individuals can prevent plagiarism through good research and writing practices.



K. Rao

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Kakaraparathi Bhavannarayana College
VIJAYAWADA-1.