

INTERNAL QUALITY ASSURANCE CELL

ANNUAL REPORT 2023-24



Dr. G. Krishnaveni
IQAC Coordinator

The Internal Quality Assurance Cell (IQAC) of K.B.N. College is dedicated to upholding and enriching the standard of education and the overall performance of the institution. Serving as a catalyst for perpetual enhancement, the IQAC spearheads the adoption of optimal methodologies, fostering a milieu of distinction across academic and administrative realms. This yearly synopsis delineates the endeavors, milestones, and forthcoming strategies of the IQAC throughout the academic term of 2023-2024.

REVIEW OF PREVIOUS YEAR'S OBJECTIVES:

- ✓ IQAC assessed the execution of the action plan from the preceding year and pinpointed areas necessitating refinement.
- ✓ Comprehensive feedback from stakeholders, encompassing students, faculty, and alumni, was gathered and meticulously analyzed to strategize future enhancements.

COLLEGE HONOURS / AWARDS:

The NAAC – IV cycle Peer Team inspection of our college took place on 22nd and 23rd February 2024. The team comprised Dr. Yellappa Muni Raju, Professor at Mangalore University, Karnataka, serving as Chairperson; Dr. Shikhar Kumar Sarma, Professor at Gauhati University, Assam, as Member Coordinator; and Dr. R. Kittappa Vaithiyanathan, Principal of Suguna College of Arts and Science, Tamil Nadu, as Member. Our college was reaccredited by the National Assessment and Accreditation Council (NAAC) with an 'A++' grade and a 3.53 CGPA on 12th April 2024.

- ✚ Secretary & Correspondent Sri T. Srinivasu received Samarpana Acharya Lifetime Achievement Award presented by Bharat Education Excellence Awards, Hyderabad in April, 2024.
- ✚ Dr. V. Narayana Rao, Principal received 'Dr. Sarvepalli Radhakrishnan Prathibha Puraskar' in view of World Teachers Day on 6th October, 2023, from Government of Andhra Pradesh.
- ✚ K.B.N. College was honoured with 'Certificate of Appreciation' from District AIDS Prevention & Control Unit (DAPCU), NTR District, Vijayawada, for the participation in Mega Voluntary Blood Donation Camp on 24th September, 2023.
- ✚ Dr. V. Narayana Rao, Principal received Certificate of Merit in recognition of his outstanding service and dedication during 77th Independence Day Celebrations-2023 by Government of Andhra Pradesh on 15th August, 2023.

FACULTY AWARDS:

- Sri T.Vijay Babu, Lecturer, Dept. of Commerce and Management awarded Doctor of Philosophy from Dravida University on 27th May, 2024

- Dr VTR Pavan Kumar has been selected to pursue one year Post-Doctoral Research from 21st May, 2024 to 20th May, 2025 under the supervision of Prof. Chin-Shiuh Shieh, National Kaohsiung University of Science and Technology, Taiwan.
- Dr. G. Krishnaveni, IQAC Coordinator received Uttama Adhyapika Award presented by Bharat Education Excellence Awards, Hyderabad in April, 2024.
- Sri VTR Pavan Kumar, Head, Dept. of PG Computer Science & Applications awarded Doctor of Philosophy from Annamalai University on 7th March, 2024.
- Dr. George Justy Mirobi, Asso. Prof., Dept. of PG Computer Science & Applications, received Women Researcher Award from Venus International Foundation on 4th March, 2024.
- Sri S. Venkatesh, Director, PG Courses, awarded Doctor of Philosophy from Krishna University, Machilipatnam on 18th December, 2023.
- Sri VTR Pavan Kumar, Head, Dept. of MCA qualified TSSET – December, 2023.
- Our student Mr P. Bharath kumar won one Gold in Asian World University Power Lifting competition held at Hong Kong on 09th May, 2024.

QUALITY INITIATIVES:

Organized Faculty Development Programs (FDPs) focusing on innovative teaching methodologies and emerging technologies to augment the pedagogical aptitude of faculty members. The sessions featured distinguished speakers and covered diverse topics, including:

- ✓ ‘Engaging Minds: A Collaborative Conversation with Faculty’ on 20th January, 2024. Resource Person: Prof. Mamidala Jagadeesh Kumar, Chairperson, UGC, New Delhi.
- ✓ Faculty Development Programme on ‘Personal Effectiveness in Teaching’ by IQAC on 7th October, 2023. Resource Person: Dr. B. Ravikanth, Dy. Director, GITAM (Deemed to be University), Visakhapatnam.
- ✓ Orientation session on ‘Webpros’ for all the UG and PG faculty on 12th August 2023 by the Department of Computer Science.

Organized workshops and seminars on to impart hands –on experience among faculty and students.

- ✓ One-Day Workshop on ‘Jira – Cloud Application & DBEaver Database Wrapper’ by Department of Computer Science & Applications on 20th April, 2024.
Resource Person: Mr. P. Hari, Consultant / Band 2
- ✓ Two-Day Workshop on ‘Foundations of AI and Generative AI’ by Department of Computer Science & Applications on 3rd & 4th April, 2024. Resource Person: Mr. P. Sandeep, Machine Learning Engineer & Applied Scientist, Bayer R&D.
- ✓ Workshop on ‘In Silico Adventures in Natural Medicine: Molecular Docking for Evidence – Bases Approach’ in association with GS Phyto Labs, Guntur by Department of PG Chemistry from 13th to 15th March, 2024. (Resource person)
- ✓ Training Programme ‘Campus to Corporate’ by UGC Women’s Studies Centre from 1st to 11th March, 2024.
- ✓ Workshop on ‘Mushroom Cultivation’ in association with Pure Mushrooms by Departments of Botany & Zoology on 16th February, 2024. Resource Person: Smt. B. Jyotsna, CEO, Pure Mushrooms, Nidamanuru.

- ✓ Two-Day Workshop on ‘Electric Vehicles’ (EV) by Department of Physics & Electronics on 8th & 9th January, 2024. Resource Person: Sri Gopal Reddy Laki Reddy, Director & Tech Head, SYTIQHUB EV Solutions Pvt. Ltd., Vijayawada.
- ✓ One-Day Workshop on ‘Public Speaking Skills-Understanding the Mindset’ by Department of English on 27th December, 2023. Resource Person: Mrs. Margarete Ignatius Cheeli, Public Speaking Skills Trainer @ Planet Spark International Platform, Hyderabad.
- ✓ Two-Day National Seminar on “Artificial Intelligence in Chemistry: Current Trends & Future Directions (NSAIC-2023)” in collaboration with APSCHE & Krishna University, Machilipatnam by Department of Chemistry (UG & PG) on 22nd & 23rd November, 2023.
- ✓ Workshop on ‘Cyber Security & Ethical Hacking’ by Department of Computer Science & Applications from 16th to 18th November, 2023. Resource Person: Mr. P.V.N Raghavendra, Senior Security Analyst, CTO, Head, Research and Development Center, Chennai.
- ✓ ICSSR Sponsored Two-Day National Seminar on ‘The Existing Opportunities Facilitating the Preservation, Promotion and Dissemination of Tribal in India’ by Department of Commerce & Management on 17th & 18th November, 2023.
- ✓ Two-Day National Seminar on ‘Emerging Trends in Computational Science & Technology-2023’ in collaboration with Krishna University, Machilipatnam by Department of Computer Science & Applications (UG & PG) on 29th & 30th September, 2023.
- ✓ Four-Day Workshop on ‘Financial Literacy to the Young Citizens’ by the Department of Commerce and Management in association with NISM and KOTAK MAHINDRA SECURITIES from 13th to 16th September, 2023. Resource Person: Sri Chilikuri Vijay Kumar, Professional Financial Advisor from National Institute of Securities Market (NISM).
- ✓ Six-Day Workshop on ‘AI Expedition’ Unveiling Advanced Machine Learning and Chatbot Development with Hackathon, by Department of Computer Science & Applications, from 28th August, 2023 to 2nd September, 2023.
- ✓ One-Day Workshop on ‘Generative AI: Unleashing Artificial Creativity with ChatGPT’ by Department of Computer Science & Applications on 28th July, 2023. Resource Person: Mr. Ravi Kumar, Mandala, Senior Software Engineer, LinkedIn/Microsoft, Angel Investor.

ACADEMIC QUALITY:

- ✓ Regular academic audits were conducted to uphold compliance with quality benchmarks in teaching, evaluation, and assessment protocols.
- ✓ Commenced the accreditation acquisition process from pertinent authorities to bolster the institution's credibility.

Guest lectures were conducted to promote quality education :

Guest Lectures:

- ✓ Department of Computer Science and Applications Organized a Guest Lecture & Hands on Session on Java and Spring Boot Applications for BCA, MCA & M.Sc(DS) Students on 10th May, 2024 by the Resource Person: V Bhaskar Manikanta Senior Software Engineer CGI Systems Hyderabad.

- ✓ Guest Lecture on ‘మాతృభాష పరిరక్షణ’ was organized by Department of Telugu on 23rd March, 2024. Resource Person: Dr. Dhulipala Ramakrishna, Head, Dept. of Sanskrit, Maris Stella College, Vijayawada.
- ✓ Guest Lecture on ‘Machine Learning & It’s Applications’ was organized by Department of Computer Science & Applications (UG & PG) on 18th March, 2024. Resource Person: Prof. C. Nagaraju, Dept. of CSE, YSR Engineering College of YVU, Prodduturu.
- ✓ Guest Lecture on ‘NMR Spectroscopy’ was organized by Department of Chemistry on 16th March, 2024. Resource Person: Dr. D. Krishnarao, Scientific Officer E, TIFR, Hyderabad.
- ✓ Guest Lecture on ‘Sustainable Freshwater Aquaculture Practices in India’ was organized by Department of Zoology on 7th March, 2024. Resource Person: Dr. Ramesh Rathod, Senior Scientist, Regional Research Centre, Vijayawada, Andhra Pradesh.
- ✓ Expert Talk on ‘Importance of Science’ in view of National Science Day Celebrations was organized by Department of Physics & Electronics on 28th February, 2024. Resource Person: Sri K. Subbaraya Sastry, State Co-ordinator, National Governing Council Member, Vijnana Bharathi, Vijayawada.
- ✓ Guest Lecture on ‘Life Skills: Achieving Goals & Dreams’ was organized by Dr. M. Koteswara Rao, Associate Professor, Dept. of English, Krishna University, Machilipatnam on 25th January, 2024.
- ✓ Guest Lecture on ‘Indian Mathematics with Special Reference to NEP 2020’ in view of National Mathematics Day Celebrations, was organized by Department of Mathematics & Statistics on 22nd December, 2023. Resource Person: Dr. P. Satyanarayana Sarma, Retd. Lecturer, Montessori Mahila College of Education.
- ✓ Lecture on ‘Current Trends in IT Industry’ was organized by Placement & Guidance Cell on 25th November, 2023. Resource Person: Prof. Varadachandra Selvaraj, Academic Head, FLEXITY EDX.
- ✓ Noble Prize Lectures – 2023 was organized by Department of Chemistry on 18th October, 2023. Resource Persons: Dr. Sabyasachi Chakraborty, Asso. Prof., Dept. of Chemistry, SRM University & Dr. Satheesh Ellipilli, Asso. Prof., Dept. of Chemistry, SRM University.
- ✓ Guest Lecture on ‘Math Made Easy by Matlab and other Mathematical Models’ was organized by Department of Mathematics & Statistics on 30th September, 2023. Resource Person: Prof. R. V. Naga Srinivasarao, Dept. of Mathematics, College of Natural and Computational Science, Wollega University, Ethiopia.
- ✓ Guest Lecture on ‘Imparting Human Values through Poetry’ in view of Hindi Day Celebrations was organized by Department of Hindi on 14th September, 2023. Resource Person: Dr. U.N. Sarvari, Former Head, Dept. of Hindi, SRR & CVR Degree College, Vijayawada.
- ✓ Guest Lecture on ‘Birth of Quantum Mechanics’ was organized by Department of Physics & Electronics on 29th August, 2023. Resource Person: Dr. B. Tirumala Rao, Senior Scientist, BARC, Mumbai.
- ✓ Guest Lecture on ‘నేటి యువత- మాతృభాష ఆవశ్యకత’ (తెలుగు భాషా దినోత్సవాన్ని

పురస్కరించుకొని) was organized by Department of Telugu on 26th August, 2023.

Resource Person: Dr. Narayanam Suresh Babu, Deputy Secretary, Sahitya Akademi, New Delhi.

RESEARCH AND INNOVATION:

- ✓ Encouraged faculty and students to engage in research activities and published research papers in reputed journals and conferences.
- ✓ Faculty published 23 Articles in Scopus/WoS/UGC CARE Listed Journals and 55 Book Chapters in ISBN Books.
- ✓ Established a research promotion fund to provide financial support to faculty for research projects and conference participation.
- ✓ The college is committed to offering aspiring teachers the opportunity to conduct research on specific issues or problems. Each year, our institution provides financial assistance to faculty members for their research endeavors. This year, we have funded 7 faculty projects, with an average grant of ₹50,000 per project.

PATENTS:

The faculty has published six patents, and two patents titled

- ✓ 1. Graduated Volumetric Flask 2. Home Security Camera with Rotating Base have been granted to them.

Staff Activities:

- ✓ Sri VTR Pavan Kumar, Head, Dept. of MCA, acted as Resource Person for Demonstrating TABLEAU & POWER BI for Teachers Training Program (35 Teachers) organized by DE PAUL School Visakhapatnam on 20th August, 2023.
- ✓ Sri Y. Srinivasa Raju, Librarian, acted as Resource Person to Deliver Guest Lecture on 'Role of Library in the Modern Era' and Orientation Session to I Year Degree Students, organized by ANR College, Gudivada on 11th August, 2023.
- ✓ Dr. K. Kiran Kumar, Asso. Prof., Department of PG Chemistry, delivered a Guest Lecture on 'Phytochemical Research' at Vijaya Institute of Pharmaceutical Sciences for Women, Enikepadu on 1st July, 2023.

STUDENT SUPPORT SERVICES:

- ❖ The career counseling and placement cell has been strengthened to better support students in making informed career decisions and securing internships and job placements. A JOB MELA is organized in association with APSSDC on 30th November, 2023.
- ❖ A notable achievement has been realized with the recruitment of 509 students hailing from both undergraduate and postgraduate programs, securing coveted positions within esteemed organizations such as WIPRO, TCS IT, TCS BPS, Axis Bank, among others.
- ❖ Student grievance redressal mechanism has been reviewed to ensure prompt resolution of student concerns.
- ❖ Organized regular co-curricular and extracurricular activities to promote holistic development among students.

- ❖ Elocution Competitions in view of Dr. Ambedkar 134th Birth Anniversary on 14th April, 2024 was organized by NSS Units and PRAGNA (Debating & Quiz Club).
- ❖ Mathematical Day Celebrations by organizing Academic Competitions on 21st & 22nd December, 2023. Chief Guest: Sri P. Ravi Kumar, R I O.
- ❖ Distribution of Computer Basics Handbooks to School Children on the eve of World Computer Literacy Day, was organized by Department of Computer Science & Applications on 2nd December, 2023.
- ❖ 56th National Level Library Week Celebrations from 14th to 18th November, 2023. Chief Guest: Sri S. Dilli Rao, I.A.S., Collector & District Magistrate, NTR District.
- ❖ Cartooning Training Classes for Degree Students from 20th to 27th September, 2023 was organized by KOSA and UGC Women's Studies Centre in association with Hasyanandam Magazine.
- ❖ Distribution of Eco-Friendly Ganesh Idols to Staff & students in view of International Day for the Preservation of Ozone Layer on 16th September, 2023 by Department of Chemistry.
- ❖ Essay Writing, Quiz, Doha, Elocution Competitions to Degree & Intermediate students in view of Hindi Day Celebrations on 14th September, 2023 was organized by Department of Hindi.
- ❖ Deeksharambh – Student Induction Programme to I Year Degree Students from 25th to 27th September, 2023.
- ❖ ఆంధ్ర మహా భారత అవతరణ సహస్రాబ్ది సందర్భంగా ద్వీసహస్రగళ పద్యార్చన [2000 మంది విద్యార్థులచే ఒకే సమయంలో నన్నయ్య మహాభారతం నుంచి పద్యాల పఠనం was organized by Department of Telugu on 22nd August, 2023.

INFRASTRUCTURE AND FACILITIES:

- ✓ Upgraded infrastructure and laboratory facilities to provide a conducive learning environment.
- ✓ The college library has been upgraded with the addition of new books, e-resources, and journals to further support research and learning activities.

COMMUNITY OUTREACH AND SOCIAL RESPONSIBILITY:

Conducted awareness programs and campaigns on social issues like environmental conservation, health, and hygiene.

Awareness Programmes:

- ✓ KBN NSS volunteers actively participated in Election duty at Vijayawada city on 13/5/2024.
- ✓ Homeopathy Medicine Distribution to nearby Schools by NSS Units on 19th & 20th April, 2024.
- ✓ In View of World Red Cross Day, KBN NSS Units in association with Indian Red Cross Society organized an awareness Program on Organ Donation by Dr. Samaram, Chairman, Indian Red Cross Society, NTR District., on 08th May, 2024.

- ✓ KBN NSS UNITS, Electoral Literacy Club & SVEEP organised Voter Awareness Programme by Sri U. Srinivasa Rao, SVEEP Nodal Offices, NTR District and Returning Officer, Vijayawada west constituency on 04th May, 2024.
- ✓ Voter Awareness Programme organised by NSS UNITS & SVEEP on 05th April, 2024.
- ✓ Awareness Programme on 'Prohibition of Child Marriages Act' in association with District Welfare Development Unit was organized by UGC Women's Studies Centre & NSS Units on 23rd March, 2024. Resource Persons: Sri Y. Johnson, Ms. G. Revathi, Mr. V. Durga Prasad, Protection Officer, District Child Protection Unit.
- ✓ Awareness Talk on 'Business Establishment and Enhancement in the Modern Era' was organized by Department of Commerce & Management on 4th March, 2024. Resource Person: Sri AVR Subbarao, Assistant General Manager, State Bank of India, Vijayawada.
- ✓ Career Guidance Programme on 'Sales Force' was organized by Department of Computer Science & Applications on 16th March, 2024. Resource Person: Sri P. Venkata Kanaka Sudhakar, Member of Technical Staff, Sales force, Hyderabad & Alumni, KBNC.
- ✓ Entrepreneurship Awareness Programme (EAP) in association with Ministry of MSME and Development and Facilitation Office, Visakhapatnam was organized by EDC Cell & Department of Commerce & Management on 14th March, 2024. Resource Person: Sri A. Sudhakar, General Manager, District Industries Centre, Ministry of MSME.
- ✓ Investor Awareness Programme in association with SEBI was organized by Department of Commerce & Management on 11th March, 2024. Resource Person: Dr. Achutha Rama Kishore, Securities Market Trainer, SEBI.
- ✓ SEBI Sponsored Awareness Session on 'Commodity Derivatives' was organized by UGC Women's Studies Centre on 8th February, 2024. Resource Person: Sri M. Sambasiva Rao, State Business Head, AP & Telangana.
- ✓ Voters Awareness Programme was organized by National Service Scheme Units (NSS) on 25th January, 2024. Chief Guest Smt. Venkata Lakshmi, Deputy Commissioner, Revenue
- ✓ Voters Awareness Programme was organized by Electoral Literacy Club (ELC) on 6th January, 2024.
- ✓ Awareness Programme on 'EPFO & ESI' for Teaching & Non-Teaching Staff by Officials of EPFO & ESI Regional Office Guntur & ESI, Regional Office, Vijayawada on 27th December, 2023.
- ✓ Awareness Programme on 'Health and Wellness' was organized by UGC Women's Studies Centre on 8th December, 2023. Resource Person: Dr. Mani Akkineni, Chairperson, Akkineni Hospitals, Vijayawada.
- ✓ Awareness Programme in view of World AIDS Day was organized by Red Ribbon Club & NSS Units on 1st December, 2023. Resource Person: Dr. G. Samaram, Chairman, Red Cross Society, NTR District.
- ✓ Science Labs Visit by School Students from 6th November to 11th November, 2023.
- ✓ Awareness Programme in view of World Mental Health Day was organized by NSS Units on 10th October, 2023. Resource Person: Dr. RK Ayodhya, Renowned psychiatrist, Vijayawada.
- ✓ Mega Blood Donation Camp in association with District AIDS Prevention & Control Unit (DAPCU), NTR District, Vijayawada, was organized by Red Ribbon Club, NSS Units & NCC on 24th September, 2023.
- ✓ Awareness Talk on 'Organ & Blood Donation' was organized by NSS Units on 23rd September, 2023. Resource Person: Dr. M. Suhasini, NTR District Medical and Health Officer.
- ✓ Awareness Talk on 'Innovation and Proto-Type of Validation' was organized by Department of Business Administration on 22nd September, 2023. Resource Person: Mr. K. Venkat Rao, Managing Director of VHS Career Trainings Pvt. Limited, Vijayawada.

- ✓ Awareness Talk on ‘Air Pollution: Impact on Global Warming Due to Ozone Layer Depletion’ was organized by Department of Chemistry & NSS Units on 16th September, 2023. Resource Person: Dr. Deep Raj, Asst. Prof., Dept. of Environmental Science & Engineering, SRM University, Andhra Pradesh.
- ✓ Awareness Programme in view of World Suicide Prevention Day was organized by NSS Units on 10th September, 2023. Resource Person: Dr. RK Ayodhya, Renowned psychiatrist, Vijayawada.
- ✓ Awareness on ‘Road Safety’ was organized by NSS Units on 19th August, 2023. Resource Persons: Sri K. Venkateswara Rao, Vehicle Inspector of NTR District & Dr. Teja, RTA Division Medical Officer.
- ✓ Awareness Programme on ‘Personality Development’ was organized by NSS Units on 12th August, 2023. Resource Person: Sri Janardhan, Rastriya Swayam Sevak Sambhag Pracharak.
- ✓ Distribution of Albendazole medicine to the Students in view of Deworming Day was organized by NSS Units on 10th August, 2023.
- ✓ Homeo pills distribution for eye diseases to Students and Staff of KBN College on 27th July, 2023.
- ✓ Demonstration of Science Experiments [Physics & Chemistry] to 10th Class School Children in and around Vijayawada, in the month of July, 2023.

Meet the Executive Programmes:

The Departments of Business Administration (MBA and BBA) have initiated an innovative interactive session called "Meet the CEO." This platform allows students to learn best practices from self-made entrepreneurs and successful executives.

- ✓ Meet the Executive programme for BBA Students was organized by Department of Commerce and Management on 28th May, 2024 by Mr. Krishna Rachamadugu, Founder and Director, Abibo Brands PVT LTD, Vijayawada. He focused mainly on “How to plan for Startups, Legal and Ethical Issues”.
- ✓ Meet the CEO programme for Second Year MBA students was organised by MBA department on 25th May, 2024. The resource person was Mr Dimpu Sarath Kumar, MD & CEO, Intern stump(Intact Intern Stump Solutions Pvt Ltd)
- ✓ Meet the Executive Programme for first Year MBA students was organized by Business Administration on 19th April, 2024. Resource Person: Sri Arpit Tiwary, Marketing Head - Fixity EDX, Hyderabad.
- ✓ Meet the Executive Programme on 8th December, 2023 to MBA Students was organized by PG Department of Business Administration. Resource Person: Mr. G. Sarish, CEO, Hema Varna Financial Services, Guntur.

Field / Industrial Visits:

1. Industrial Study Visit to Vasantha Textiles Pvt. Ltd., Timmapur, Guntur on 13th April, 2024 by Department of Business Administration.
2. Industrial Visit to Ooty by Department of PG Chemistry from 11th to 15th December, 2023.
3. Industrial Visit to Ooty & Mysore by Department of Commerce & Management from 16th to 18th November, 2023.

FUTURE PLANS:

- Reinforcing the institution's dedication to research and innovation by setting up additional research centers and fostering industry partnerships.

- Launching skill-based courses and certification programs aimed at boosting students' employability.
- Advancing e-learning initiatives and utilizing technology to provide efficient and accessible education.
- Expanding international collaborations to support student and faculty exchange programs.

CONCLUSION:

The IQAC of KBN College has taken significant strides towards improving the overall quality of education and fostering an environment of continuous improvement. The endeavors of the IQAC have resulted in tangible progress, and we look forward to continuing our pursuit of excellence in the coming years. We express our gratitude to all stakeholders, management, administrators, faculty and supporting staff for their support and contributions to making our institution a centre of academic and research excellence.