



**T. N. RAO**  
**COLLEGE RAJKOT**

(NAAC Accredited B)

Managed by : સવ્યસાચી Education Trust, Rajkot

### Internal Quality Assurance Cell (IQAC) Meeting

Date: 28th December, 2023

Time: 9:30 am

Venue: T. N. Rao College

#### Present:

- |     |                     |   |
|-----|---------------------|---|
| 1.  | Dr. Nidatt Barot    | Chairperson as Managing Trustee of Management |
| 2.  | Dr. Bharti Rathod   | Principal                                     |
| 3.  | Dr. Mital Vora      | Faculty Member & Coordinator IQAC             |
| 4.  | Shruti Jivani       | Faculty Member                                |
| 5.  | Dr. Trusha Koradiya | Student Representative                        |
| 6.  | Alpesh Khambhataya  | Administrative Staff                          |
| 7.  | Dr. Janak Makwana   | Principal from another College                |
| 8.  | Dr Ketan Gohel      | Faculty from another College                  |
| 9.  | Swati Joshi         | Principal from Practice Teaching School       |
| 10. | Dr. Minaxi Patel    | Sports Teacher from another College           |

#### Agenda Items Discussed:

- Opening Remarks:**  
The Chairperson welcomed all members and confirmed the minutes of the previous meeting.
- Review of Action Items from Previous Meeting:**  
The progress of action items was reviewed, and pending tasks were identified.
- Presentation and Discussion on Academic Performance:**  
Academic performance data were presented and discussed, highlighting areas of improvement.



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## IQAC noted the performance

During the IQAC meeting, students' outstanding performance across various departments in the year 2023 was duly noted and appreciated. Among the top achievers in their respective departments were:

### B.Ed.

1. Goswami Komal Nareshgiri
2. Nandasana Dharaben Mansukhbhai
3. Kanani Hetviben Ramnikbhai

### BSc

1. Bhimani Parth Vinod
2. Parmar Dimple Chetanbhai
3. Varu Siddharaj Bhai Nathubhai

### MSc (Chemistry)

1. Borsadiya Priyanshi Ashokbhai
2. Barad Rutvikumar Bhavsingbhai
3. Dhokiya Kanak Kumar Ramjibhai

### DMLT

1. Vasani Vidhya
2. Goswami Hemal
3. Chikhaliya Krina
4. Madam Arjan

### BCA

1. Kanjiya Krupa Anilkumar
2. Dabhi Gopal Rajeshbhai
3. Upadhyay Karan Deepakbhai

### MSc (IT)

1. Bhushan Kalvani
2. Tanna Dhruvi Nalinbhai
3. Kandoliya Krunal Dineshbhai

### B.Com.

1. Mahida Divya
2. Solanki Hetal
3. Raychura Kanan

### M.Ed.

1. Garaniya Ketankumar Rameshbhai
2. Chauhan Padmaben Maheshbhai
3. Matholiya Bhumiben Avasharbhai



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### **IQAC noted the events**

During the IQAC meeting, the diverse range of events organized by T.N. Rao College throughout the year were comprehensively acknowledged and discussed. The college showcased a commitment to holistic student development by hosting various activities spanning fields such as industry exposure, sports, soft skills, cultural celebrations, expert talks, and seminars. One notable event was the industrial visit to GOPAL NAMKEEN PVT LTD, providing students with valuable insights into real-world applications of their academic knowledge. The college also prioritized the enhancement of soft skills through seminars on topics like Emotional Intelligence, Communication Skills, and Goal Setting, fostering well-rounded individuals ready for the professional landscape.

The calendar of events further highlighted the college's emphasis on health awareness and community service. Events such as World Health Day, Chalk N Duster for career counseling, and a Blood Donation Camp underscored the institution's commitment to the well-being of both students and the wider community. Additionally, expert talks by industry professionals on diverse topics, including Entrepreneurship, Project Management, and Financial Planning, enriched students' perspectives and provided valuable insights into emerging trends and career paths.


Cultural diversity and inclusivity were celebrated through various events, such as Women's Day, Navratri Celebration, and Independence Day, fostering a sense of unity among students. The college also organized numerous sports tournaments, including volleyball, chess, and badminton, promoting physical fitness and team spirit among the student body. The outreach activities, including a Navy visit and a Blood Donation Camp, showcased the college's commitment to societal engagement and social responsibility.

In conclusion, T.N. Rao College's event calendar is a testament to its dedication to providing a well-rounded education that goes beyond academics. The diverse array of events reflects the college's commitment to nurturing not only academically proficient individuals but also well-rounded, socially responsible, and culturally aware students prepared for the challenges of the professional world.

### **IQAC noted the success**


During the IQAC meeting, the remarkable achievements of T.N. Rao College in the academic year 2023 were brought to light, particularly in the realms of cultural and sports accomplishments. The university rankings secured by the students reflected their dedication and prowess in various fields. Notably, Chaudhari Krutikkumar Rajendrabhai clinched the first rank in Cartooning, while Dhandhal Bhagirath Manglubhai achieved the second rank in Duha - Chand at the university level. The team performance in Samuh-Nrutya, securing the second rank, showcased the collective talent of individuals like Chaudhari Khyati Rakeshbhai, Gamit Daxaben Pratapbhai, and others, emphasizing the college's commitment to fostering cultural excellence.



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In the sports arena, Patel Sawan Bhupendra's achievement of securing the third rank in Swimming (50 METER BACKSTROKE) at the university level highlighted the college's emphasis on a well-rounded development that extends beyond academics. Furthermore, the college's cultural prowess was displayed in Prachin Raas, where the team comprising Gohil Shivangiba Mahendrasinh, Nimavat Madhavi Rajesshbhai, and others secured the third rank at the university level, contributing to the institution's cultural vibrancy.

Additionally, the recognition at the national level in the cultural domain, with Parmar Priyanka winning a medal, underscored the college's commitment to nurturing talent that can shine on a broader stage. These achievements collectively represent the success of T.N. Rao College provides a platform for students to excel academically, culturally, and in sports, aligning with the institution's holistic approach to education.

### **Curriculum Enhancement and Development**

During the IQAC meeting, the college's commitment to curriculum enhancement and development was exemplified through the introduction of several Value Added Courses designed to empower students with practical skills and industry-relevant knowledge. One such course, "Introduction to Internet of Things (IoT)," introduced under the BCA program, aims to equip students with foundational knowledge and hands-on experience in the rapidly evolving field of IoT. This course will provide insights into the interconnected world of devices and sensors, fostering a deeper understanding of how IoT applications are revolutionizing industries. Students enrolling in this course can expect to gain practical skills in designing and implementing IoT solutions, positioning them as valuable assets in the technology-driven job market.

Another significant addition is the "Angular" course offered as part of the BCA program. Angular is a popular web application framework widely used in the industry, and this course is tailored to provide students with a comprehensive understanding of its concepts and practical applications. Through hands-on projects and real-world examples, students will develop proficiency in building dynamic and responsive web applications using Angular. The inclusion of such a course not only aligns with the industry's demand for skilled web developers but also enhances the overall competitiveness of the BCA program, ensuring graduates are well-prepared for the challenges of the IT sector.



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In a strategic move to cater to the business-oriented disciplines, the college has introduced the "Advanced Selling Skills Mastery" course, offered to students pursuing BBA/B.COM. This course goes beyond traditional sales techniques, focusing on advanced strategies and skills essential for success in the competitive world of business. Covering topics such as negotiation, relationship-building, and understanding buyer behavior, the course aims to mold students into adept and strategic sales professionals. The practical insights gained from this course are expected to contribute significantly to the overall skill set of students, enhancing their employability and effectiveness in sales and business-related roles. These Value Added Courses collectively underscore the college's dedication to staying ahead of industry trends and equipping students with the knowledge and skills necessary for a successful and competitive career landscape.

### Faculty Development Programs

During the recent IQAC Faculty Development Programs discussed in the T.N.Rao College meeting, a significant emphasis was placed on innovative pedagogy and teaching methods, particularly with regard to subject integration. The institution recognizes the dynamic nature of education and the evolving needs of learners. One notable discussion focused on leveraging modern teaching methodologies to integrate subjects effectively. The inclusion of topics like "Introduction to Cloud Computing" highlights a commitment to contemporary relevance and the integration of real-world applications into the curriculum.

The faculty development program aimed to empower educators with pedagogical approaches that seamlessly integrate diverse subjects, fostering a holistic learning experience for students. The discussion delved into strategies for merging traditional subjects with modern technologies, such as cloud computing. Understanding the learner diversity, faculty members were encouraged to tailor their teaching methods to cater to different learning styles and preferences.

The session specifically addressed the integration of cloud storage services like Google Drive, Dropbox, or OneDrive into the educational framework. The benefits of these tools for collaboration and data accessibility were thoroughly explored. Faculty members were introduced to strategies for incorporating cloud computing concepts into various subjects, enabling students to grasp the practical applications of technology in their respective fields of study.

Overall, the IQAC Faculty Development Programs at T.N.Rao College is designed to equip educators with the pedagogical skills needed for subject integration and to cater to the diverse learning needs of students. By embracing innovative teaching methods, the institution aims to enhance the overall quality of education, ensuring that graduates are well-prepared for the challenges of the modern, technology-driven world.



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## Student Support and Welfare

During the IQAC meeting, the commendable efforts of T.N. Rao College in fostering student support and welfare were acknowledged, particularly through the initiatives organized by the Rotaract Club. The Oath Ceremony of the Rotaract Club on September 14, 2023, marked the beginning of the academic year with a commitment to service and community engagement. The club played a pivotal role in commemorating Martyr's Day on February 14, 2023, where students paid tribute to the CRPF personnel martyred in the Pulwama Terror attack. A documentary session, "Know your defense forces and aftermath of Pulwama attack," was organized, providing students with insightful information.

Women's Day on March 15, 2023, was celebrated with enthusiasm by the Rotaract Club, honoring the achievements of women and inviting renowned gynecologist Dr. Neeta Thakkar to share guidance with students. The event included the felicitation of female faculty members and cleaning staff, acknowledging their contributions to the college community. Additionally, the Rotaract Club organized a Rakhi Competition on August 30, 2023, where girls from the college prepared 5000 Rakhis sent to various army regiments, symbolizing protection and appreciation for soldiers.

The college's commitment to student welfare extended to health awareness initiatives, as demonstrated on World Health Day, April 7, 2023. T.N. Rao College organized a free eye checkup campaign in collaboration with Netradeep hospital, involving eminent doctors who provided valuable insights and preventive measures for eye disorders. The event, initiated by the Rotaract Club, also included skits to enhance health awareness and ensure the well-being of students, staff, and support personnel.

These events, orchestrated by the Rotaract Club, showcase the college's dedication to holistic student development, emphasizing not only academic pursuits but also community engagement, health awareness, and social responsibility. The initiatives align with the institution's commitment to providing comprehensive student support and welfare, contributing to a vibrant and supportive campus environment.

## Quality Assurance Measures

Within the framework of Quality Assurance Measures, the IQAC conducted a thorough review of the institution's various committees and cells as per the predetermined schedule. The primary objective of this assessment was to guarantee the meticulous adherence to established protocols and procedural integrity. Throughout the evaluation process, the IQAC observed a seamless review, detecting no discrepancies in the functions of critical entities such as the Curriculum Planning Committee, Youth Welfare Committee, SC-ST Cell, OBC Cell, Minority Cell, Internal Complaint Committee, Grievance Redressal Cell, and Anti-Ragging Cell. This passive observation underscores the institution's unwavering commitment to upholding high governance standards and quality assurance, as overseen by the IQAC.



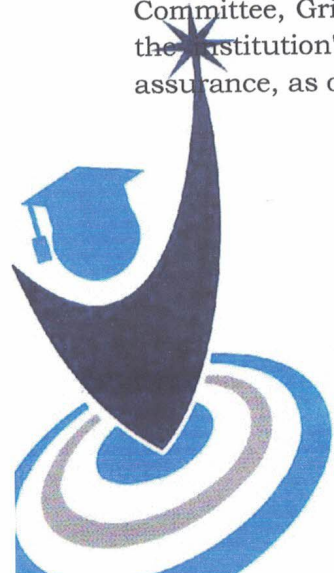
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The absence of discrepancies highlights the effective execution of responsibilities by the respective committees and cells, showcasing their dedication to creating an inclusive, supportive, and safe institutional environment. This outcome reaffirms the institution's steadfast commitment, monitored by the IQAC, to procedural transparency, accountability, and the continuous enhancement of its quality assurance mechanisms. Looking ahead, the institution, guided by the IQAC, remains unwavering in its dedication to sustaining these efforts. It aims to ensure the holistic development and well-being of its stakeholders while steadfastly upholding principles of fairness and equity.

## Research and Publications

During the IQAC meeting, the notable research contributions and publications by faculty members at T.N. Rao College was acknowledged, reflecting the institution's commitment to fostering a culture of scholarly inquiry and academic excellence. One significant research endeavor highlighted was the study titled "Efficacy of Binary Media and Gold Catalyst for the Synthesis of Conjugates with Cyclohexyl-Tetrazole-Alkyloxyphenyl-Benzenamine through Ugi 4-CC Reactions: Cytotoxic and Single-Crystal Studies." Authored by Amita Jivani, Khushal Kapadiya, Agnieszka Jainik, and Ranjan Khunt, this research delves into the synthesis of conjugates using binary media and gold catalyst through Ugi 4-CC reactions. The study not only explores the efficacy of this synthetic approach but also conducts cytotoxic and single-crystal studies, contributing to the understanding of potential applications in medicinal chemistry.

In addition to the scientific research, the IQAC recognized contributions in the field of education. Research papers such as "પ્રાથમિક શાળાના શિક્ષકોના કાર્ય મૂલ્યનો અભ્યાસ" by Darshini Bhojani and "તરુણોના શૈક્ષણિક મનોભાર: એક મનોવેજ્ઞાનિક અભ્યાસ" by Darshini Bhojani contribute significantly to the field of education. These studies delve into the assessment of work values among primary school teachers and the psychological responsibilities of young learners, respectively. The research underscores the institution's commitment to producing scholarly work that addresses diverse facets of education, contributing to the broader academic discourse.

Furthermore, research articles such as "Drama and Art in Education" by Maya Jilka and "સમાજ નિર્માણ મેં શક્ષા કી ભૂમકા" by Jignesa Gadhiya showcase the interdisciplinary approach of faculty members at T.N. Rao College. These studies explore the role of drama and art in education and the pivotal role of education in social development, respectively. Such diverse research endeavors highlight the institution's dedication to promoting a well-rounded and comprehensive approach to knowledge generation and dissemination.



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## Infrastructure and Facilities

During the IQAC meeting, the successful installation of 60 computers was highlighted as a significant enhancement to the infrastructure and facilities at T.N. Rao College. This strategic initiative reflects the institution's commitment to providing state-of-the-art technology resources for both students and faculty. The addition of these computers contributes to the modernization of academic facilities, creating a more technologically advanced learning environment.

This infrastructure upgrade aligns with the college's vision for promoting digital literacy and ensuring that students have access to cutting-edge tools and technologies. The installed computers are expected to support various academic activities, including research, online learning, and collaborative projects. Furthermore, the increased computational resources enhance the overall efficiency and effectiveness of administrative processes, contributing to the seamless functioning of the college.

The IQAC recognizes the importance of such infrastructure developments in fostering a conducive learning and working environment. This initiative not only meets the current technological needs of the academic community but also positions the institution for future advancements in the rapidly evolving landscape of education. The installation of these computers marks a tangible improvement in the college's infrastructure, enhancing the overall quality of educational services provided to students and facilitating a more conducive atmosphere for research and learning.

## Closing Remarks

In conclusion, the comprehensive review and discussions during the IQAC meeting underscore the multifaceted efforts and achievements of T.N. Rao College in various domains. The institution's commitment to holistic student development, evidenced through diverse events and activities, highlights its dedication to nurturing well-rounded individuals. The successful implementation of infrastructure enhancements, faculty development programs, curriculum enrichment, and research contributions further exemplify the college's pursuit of academic excellence and innovation.

The commendable achievements in cultural, sports, and academic realms, as well as the successful execution of student support and welfare initiatives, showcase the institution's holistic approach to education. T.N. Rao College continues to evolve, aligning its practices with contemporary educational standards and addressing the dynamic needs of the academic community.

The collaborative efforts of faculty, students, and administrative bodies, as noted by the IQAC, reflect a shared commitment to quality assurance, transparency, and continuous improvement. These endeavors collectively contribute to the vibrant and thriving academic community at T.N. Rao College.



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As the institution looks ahead, guided by the insights and recommendations from the IQAC meeting, it remains poised to navigate the ever-changing landscape of education while steadfastly upholding its commitment to excellence, inclusivity, and holistic development. The ongoing pursuit of knowledge, innovation, and social responsibility positions T.N. Rao College as a dynamic hub for academic growth and enrichment.

*Mital*

**Prepared By:**

**Dr. Mital Vora**

Coordinator of IQAC & Faculty Member

*HB*

**Approved By:**

**Dr. Nidatt Barot**

Chairperson IQAC

Managing Trustee of

Savyasachi Education Trust



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