Report: ICT Support Utilization at T.N. Rao College of Teacher Education

T.N. Rao College of Teacher Education, a premier institution dedicated to cultivating future educators, acknowledges the essential role of Information and Communication Technology (ICT) in contemporary education. ICT integration is not merely a trend but a crucial aspect of education in today's digital era, where traditional teaching methods are evolving through technological advancements. This report details the comprehensive use of ICT support within the college, addressing the diverse learning needs of students across various educational contexts.

ICT Integration Overview:

Online Admission Process: Trainees commence their educational journey through a streamlined online admission process. This includes filling out admission forms and participating in virtual interviews, eliminating the need for physical visits to the admission committee.

Google Classroom Integration: The college employs Google Classroom extensively, providing a centralized platform for faculty to share resources, assign tasks, and facilitate interactive discussions among trainees.

Video-Based Teaching and Learning: Faculty members create educational videos covering diverse topics, fostering an engaging learning environment. Trainees also contribute by preparing videos showcasing micro-teaching sessions and other presentations.

Online Evaluation: Assessments and examinations are conducted online, ensuring accessibility and flexibility for trainees to manage their learning schedules effectively.

E-Content and Online Tests: A wealth of e-content resources, including online test modules, are available through the college's website, promoting a self-paced learning approach among trainees.

Mobile Learning and LMS: Trainees can access the Learning Management System (LMS) via mobile devices, facilitating convenient access to course materials and assignments on-the-go.

Wi-Fi Campus: The entire campus is equipped with Wi-Fi connectivity, ensuring seamless internet access for both trainees and faculty members.

Biometric Attendance and Applications: Biometric applications streamline attendance tracking, reducing manual effort and enhancing administrative efficiency.

Feedback System: An online feedback system allows continuous improvement based on trainee input, fostering a responsive educational environment.

Technology-Enabled School Lectures: Trainees utilize technology to conduct lectures in schools, integrating innovative teaching methods and enhancing practical teaching experience.

In summary, T.N. Rao College of Teacher Education's comprehensive integration of ICT into its teaching-learning framework underscores its commitment to providing modern, accessible, and flexible education. This approach not only enhances the educational experience but also prepares trainees to meet the demands of 21st-century teaching effectively.

Utilization in Theory Courses -

In theory-based courses at T.N. Rao College of Teacher Education, the adoption of Google Classroom as an ICT support platform facilitates the seamless dissemination of educational content, encourages interactive discussions, and fosters collaborative learning among students. Google Classroom acts as a central hub where lecture notes, assignments, and announcements are posted, ensuring that all students have access to the necessary resources in a timely manner. This platform also supports various multimedia formats, allowing educators to incorporate videos, audio files, and interactive quizzes into their lessons, making learning more dynamic and engaging.

The interactive nature of Google Classroom encourages active participation in discussions, questions, and collaborative group projects among students. This fosters a sense of community and enhances peer-to-peer learning, as students share their insights and learn from each other's perspectives. Additionally, the platform's integration with other Google tools, such as Google Docs, Sheets, and Slides, streamlines the process of creating and submitting assignments, enabling real-time feedback and continuous assessment.

Furthermore, the use of Google Classroom facilitates personalized learning, as teaching strategies are tailored to meet the diverse needs of students. By analyzing data on student performance and engagement, areas where individual students may need additional support are identified, allowing for targeted interventions to help them succeed.

Moreover, the Learning Management System (LMS) used by the trainees at the institute includes modules such as entry-level tests and preparation of competitive exam mock tests. This LMS enhances the overall learning experience by providing structured and comprehensive resources, assessments, and personalized feedback, preparing students effectively for their future careers.

Here are the subject wise the List of the Google Classroom ➖

Semester	Class	Google Classroom Links	Department
Sem -1	CC-1	LINK	B.ED
Sem -1	CC-2	LINK	B.ED
Sem -1	Science Method (Sem 1)	LINK	B.ED
Sem -1	Maths Method (Sem 1)	LINK	B.ED
Sem -1	Gujrati Method (Sem 1)	LINK	B.ED
Sem -1	Hindi Method (Sem 1)	LINK	B.ED
Sem -1	Sanskrit Method (Sem 1)	LINK	B.ED
Sem -1	English Method (Sem 1)	LINK	B.ED
Sem -1	History Method (Sem 1)	LINK	B.ED
Sem -1	Economic Method (Sem 1)	LINK	B.ED
Sem -1	Account Method (Sem 1)	LINK	B.ED
Sem -1	Computer Method (Sem 1)	LINK	B.ED
Sem -1	Geography Method (Sem 1)	LINK	B.ED

LMS Install Link :
https://www.appsheet.com/newshortcut/57f85e8c-b7d6-4707-98be-80c41524606f

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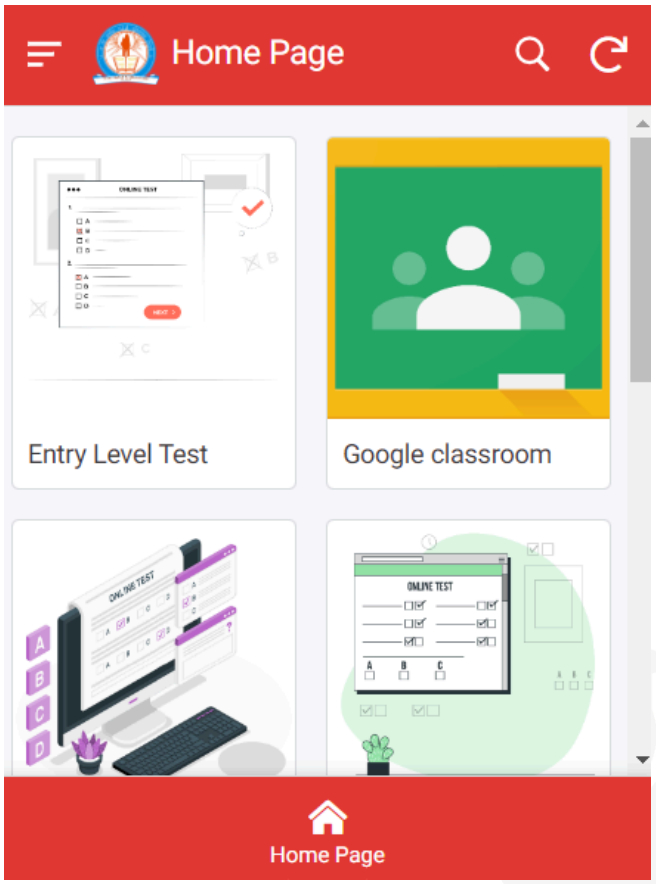

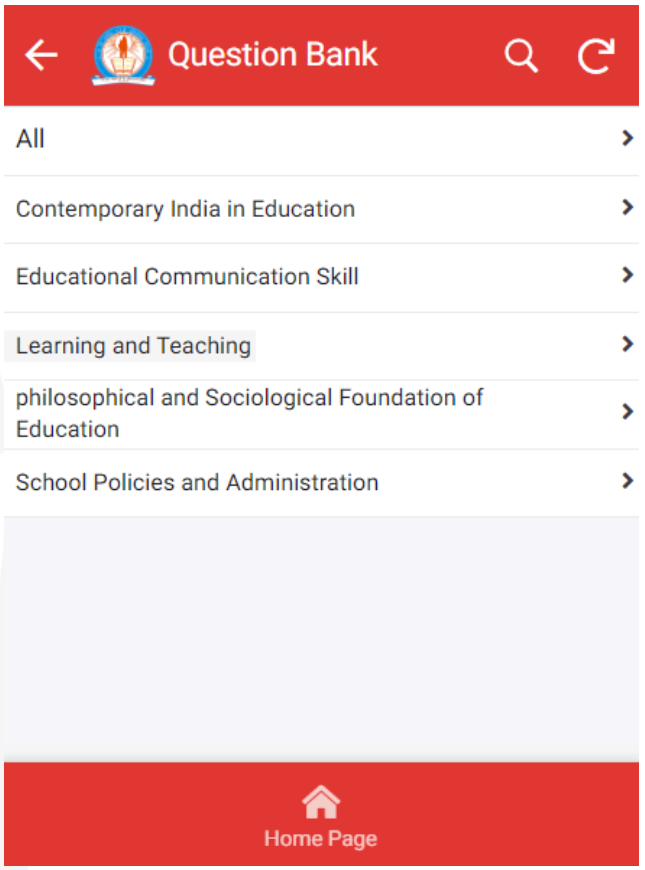

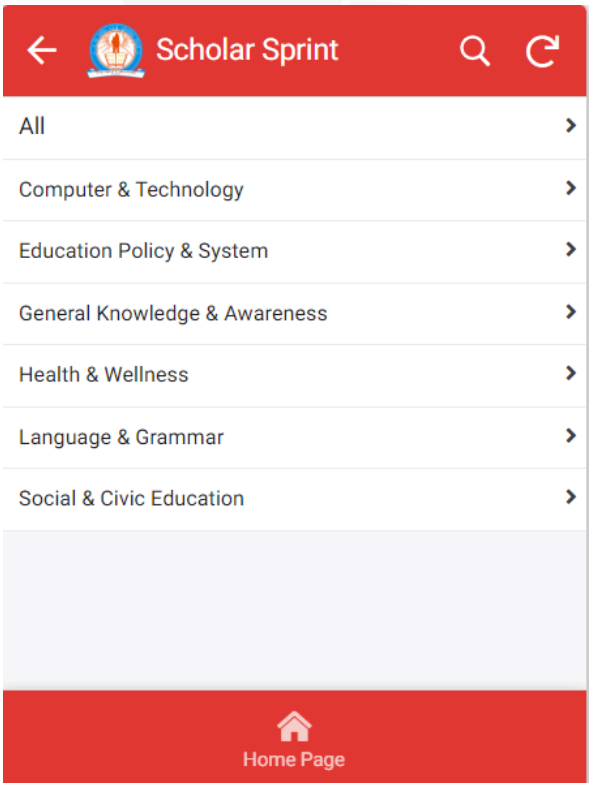

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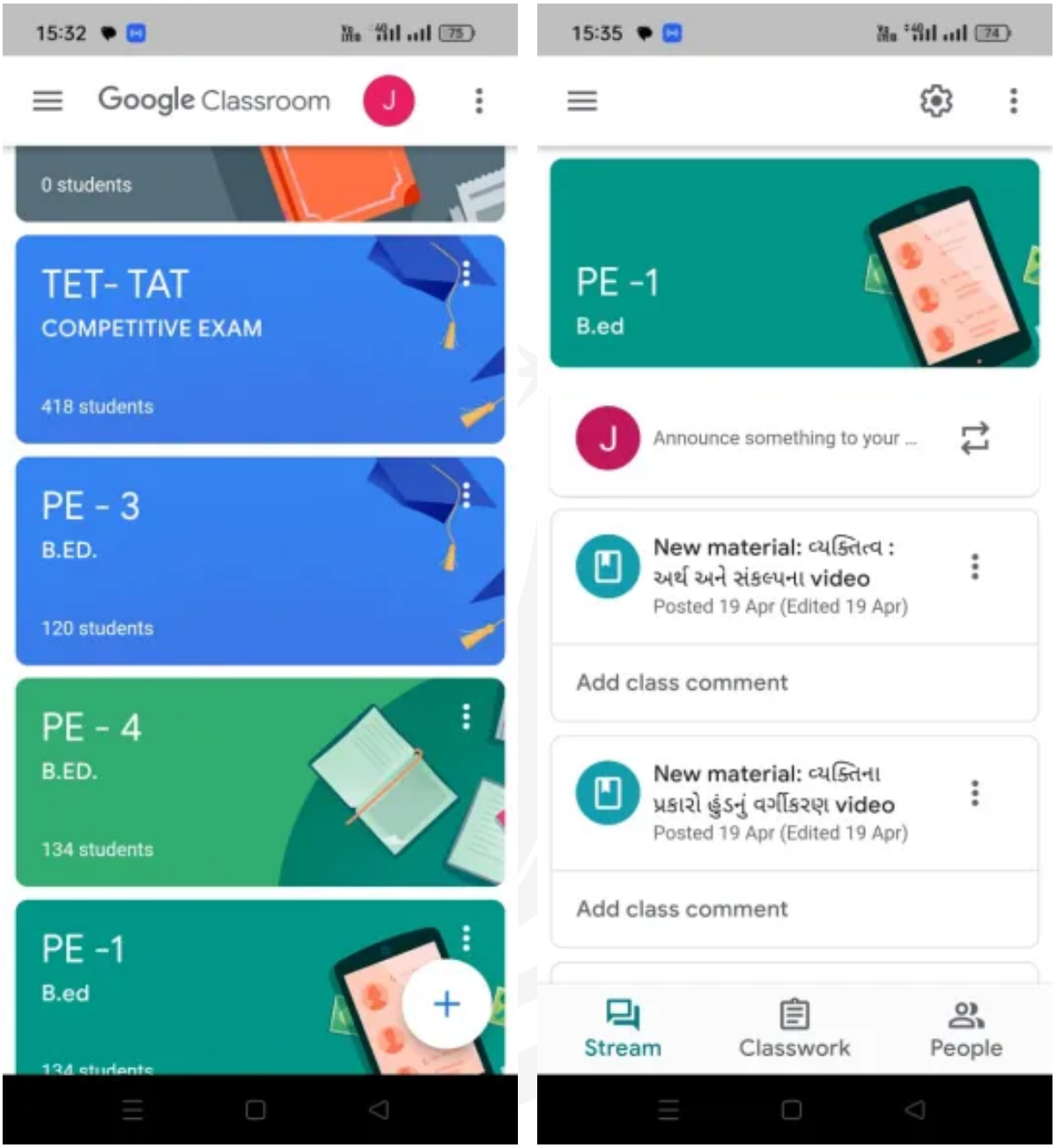

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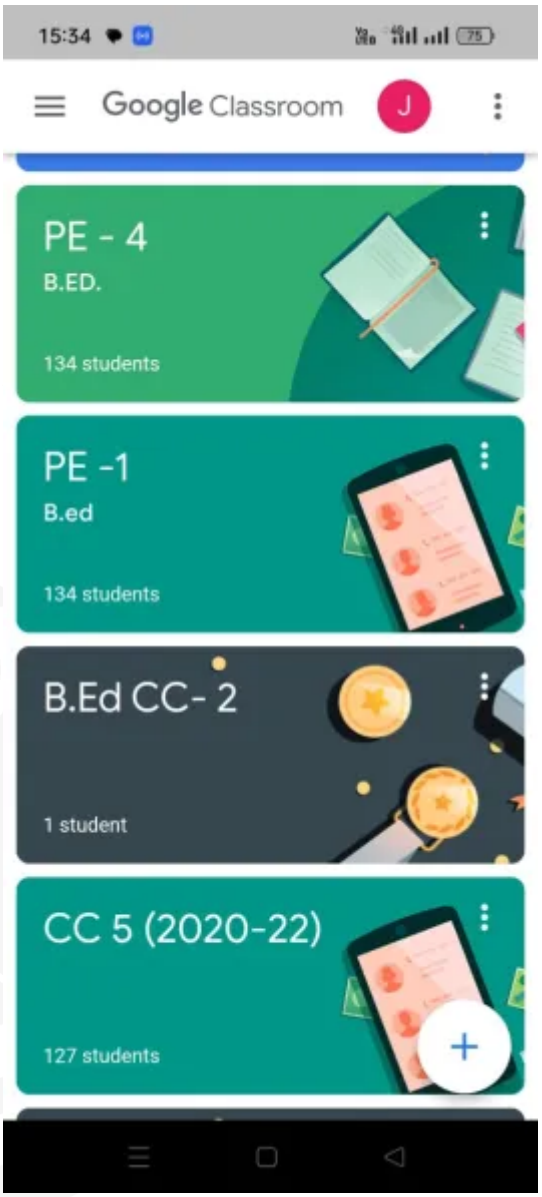

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Application in Practice Teaching

Practice teaching is a critical component of teacher education, providing students with the opportunity to apply theoretical knowledge in real-world classroom settings. At T.N. Rao College of Teacher Education, ICT tools like e-content are extensively employed in practice teaching sessions. These tools empower students to craft engaging presentations, deliver instructional materials effectively, and enhance their teaching skills through interactive pedagogical practices. Additionally, Google Forms are used to

Research survey on impact of Covid 19 on High-school children

I am an educator since 2001. I am currently pursuing my Masters of Education. The topic of my research is based on the impact of Covid 19 on the physical and Mental health of the High-school students.
Please fill up the form when you have undisturbed 30 minutes of time. This form DOES NOT ask your name and you are NOT expected to mention your name anywhere. Be assured, this will remain anonymous. I promise you that!
PLEASE BE HONEST!
I appreciate your time and support in advance.

* Indicates required question

1. Select the name of your School. *

Mark only one oval.

- ◯ S N Kansagra School
- ◯ Saint Paul School
- ◯ Rajkumar College
- ◯ Nirmala Convent School
- ◯ The Sunshine International School

2. Select your gender *

Mark only one oval.

- ◯ Male
- ◯ Female

3. Select your current age *

Mark only one oval.

- ◯ 15
- ◯ 16
- ◯ 17

4. Select your grade level in 2022-23. *

Mark only one oval.

- ◯ 9
- ◯ 10
- ◯ 11
- ◯ 12

BEFORE THE PANDEMIC

This section requires you to share basic details of yourself prior to the pandemic lockdown.

5. State the amount of time you used to spend on sports or other physical activities on daily basis. (Approximate time is required) (In Hours) *

Mark only one oval.

- ◯ 0.5
- ◯ 1
- ◯ 1.5
- ◯ 2
- ◯ 2.5
- ◯ 3

6. State the amount of time you used to spend on watching TV on daily basis. (Approximate time is required) (In Hours) *

Mark only one oval.

- ◯ 0.5
- ◯ 1
- ◯ 1.5
- ◯ 2
- ◯ 2.5
- ◯ 3

Here is the E-Content List

SR.NO	Faculty Name	Topic Name	Video Link
1	JASMIN JOSHI	લોકશાહી	LINK
		વ્યક્તિગત તફાવત	LINK
		ઇન્ટરનેટ	LINK
2	DR. SEJALBA CHUDASMA	શિક્ષણ સજ્જતા માટે આવશ્યક ક્ષેત્રો	LINK
		CC-1 માહિતી	LINK
3	JIGNASHA GADHIYA	શાળા ના પ્રકાર	LINK
4	DR. RAMU KHINT	આદર્શવાદ	LINK
		અધ્યયન - અધ્યાપન	LINK
5	DARSHINI BHOJANI	ભાષાપ્રયોગ શાળા	LINK
		ટીચિંગ મશીન	LINK
		ટાગોરનું શિક્ષણ	LINK

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E-Content and YouTube in Education

The integration of e-content, including educational videos from platforms like YouTube, further enriches the teaching and learning experience. Educational videos can simplify complex concepts and provide visual and auditory learners with additional ways to understand the material. Teachers can curate or create their own video content to supplement lessons, ensuring that students have access to a wide range of resources to support their learning.

SR. NO	FACULTY NAME	TOPIC NAME	E-CONTENT LINK
1	JASMIN JOSHI	લોકશાહી	LINK
2	JASMIN JOSHI	વ્યક્તિગત તફાવત	LINK
3	JASMIN JOSHI	માઇક્રો ટીચિંગ	LINK
4	JASMIN JOSHI	પ્રત્યાયન કૌશલ્ય	LINK
5	JASMIN JOSHI	સ્મૃતિ ભાગ - 1	LINK
6	JASMIN JOSHI	સ્મૃતિ ભાગ - 2	LINK
7	JASMIN JOSHI	ઇન્ટરનેટ	LINK
8	DR. SEJALBA CHUDASMA	શિક્ષણ સજ્જતા માટે આવશ્યક ક્ષેત્રો	LINK
9	DR. SEJALBA CHUDASMA	CC-1 માહિતી	LINK
10	DR. SEJALBA CHUDASMA	પ્રતિબદ્ધતા	LINK
11	DR. SEJALBA	કોલેજ પ્રવૃતિ	LINK

	CHUDASMA		
12	DR. SEJALBA CHUDASMA	મેન્ટલ હેલ્થ	LINK
13	DR. SEJALBA CHUDASMA	બચાવ પ્રયુક્તિ	LINK
14	JIGNASHA GADHIYA	શાળા ના પ્રકાર	LINK
15	JIGNASHA GADHIYA	વાસ્તવવાદ	LINK
16	DR. RAMU KHINT	આદર્શવાદ	LINK
17	DR. RAMU KHINT	અધ્યયન - અધ્યાપન	LINK
18	DR.		LINK

T. N. RAO COLLEGE OF TEACHER EDUCATION- STUDENT FEEDBACK FORM 2018

Not shared

Student Name

Your answer

Program

B.ED

M.ED

How would you rate your overall experience?

Excellent

Very Good

Good

Fair

Poor

19	DR.		LINK
20	DR.		LINK

Google Forms

Trainees at ns to conduct surveys, gain nhancing their research skill ws students to collect data e ctices.

Educational Communication Skill Unit 1 - Quiz 1

muskan@raoinformationtechnology.com Switch account

* Indicates required question

Email *

Your email

Full Name *

Your answer

CC7 - Unit 1 - Quiz 1

વાલીઓના સઘન સંપર્ક માટે _____ જરૂરી છે?.

- શિક્ષક-વાલી મંડળ
- જ્ઞાતિ મંડળ
- ધાર્મિક મંડળ
- સમાજસેવા મંડળ

પ્રેક્ષક દ્વારા આપવામાં આવતી શાબ્દિક કે અશાબ્દિક સંજ્ઞાઓ એટલે શું?

- સંદેશો
- સંકેતીકરણ
- માધ્યમ

Canva for Cultural and Sports Events

In addition to academic applications, ICT tools are also used to organize cultural and sports events. Applications like Canva are utilized for poster making, helping trainees develop their creative skills and effectively communicate event details. This not only enhances the visual appeal of event promotions but also engages the college community.

Formative Assessment Techniques

The integration of ICT tools in practice teaching enables the use of formative assessment techniques. Interactive quizzes and polls are created within presentations to gauge student understanding and provide immediate feedback. This continuous assessment helps identify areas where students may need additional support, allowing instructors to adjust their teaching strategies accordingly.

Conclusion

The use of ICT tools like Google Slides, YouTube, and Google Forms in practice teaching at T.N. Rao College of Teacher Education demonstrates the significant benefits of incorporating technology into education. These tools enhance the quality of instructional materials, support collaborative learning, and help students develop essential skills for their future teaching careers. By leveraging these technologies, future educators are better prepared to create engaging, effective, and inclusive learning environments.

Youtube Channel: https://www.youtube.com/@TNRELearning

Integration in Internships

Internships are an integral part of the teacher education program at T.N. Rao College of Teacher Education, providing students with hands-on experience in educational settings. During internships, students benefit from ICT support through the incorporation of multimedia resources such as PowerPoint presentations and educational videos, tailored to the specific learning objectives of the internship program. These resources enrich students' practical learning experiences and help them develop a deeper understanding of the subjects they teach.

The LMS at the institute provides trainees with the provision to make online lesson plans and update internship events on a day-to-day basis. This structured approach ensures that interns can efficiently organize their tasks, track their progress, and receive feedback from their mentors.

Educational videos are another powerful tool that interns use to enhance their teaching. Videos bring abstract concepts to life, provide real-world examples, and cater to different learning styles. By integrating videos into their lessons, interns create a more dynamic and interactive learning environment that captures students' attention and fosters a deeper understanding of the subject matter.

In addition to these multimedia resources, ICT tools such as Google Drive and Dropbox facilitate the sharing and storage of educational materials. Interns easily access and share lesson plans, teaching aids, and student work, ensuring that they are well-prepared for their teaching assignments. This seamless access to resources enhances their ability to deliver effective lessons and provides a more organized and efficient approach to teaching.

Moreover, the use of ICT in internships promotes reflective practice. Teaching sessions are recorded using video or audio tools, allowing interns to review their performance and identify areas for improvement. This reflective practice is essential for professional growth, as it encourages interns to critically evaluate their teaching methods and continuously strive for excellence.

Video 1

Video 2

Video 3

Video 4

Lesson Planner 1

Lesson Planner 2

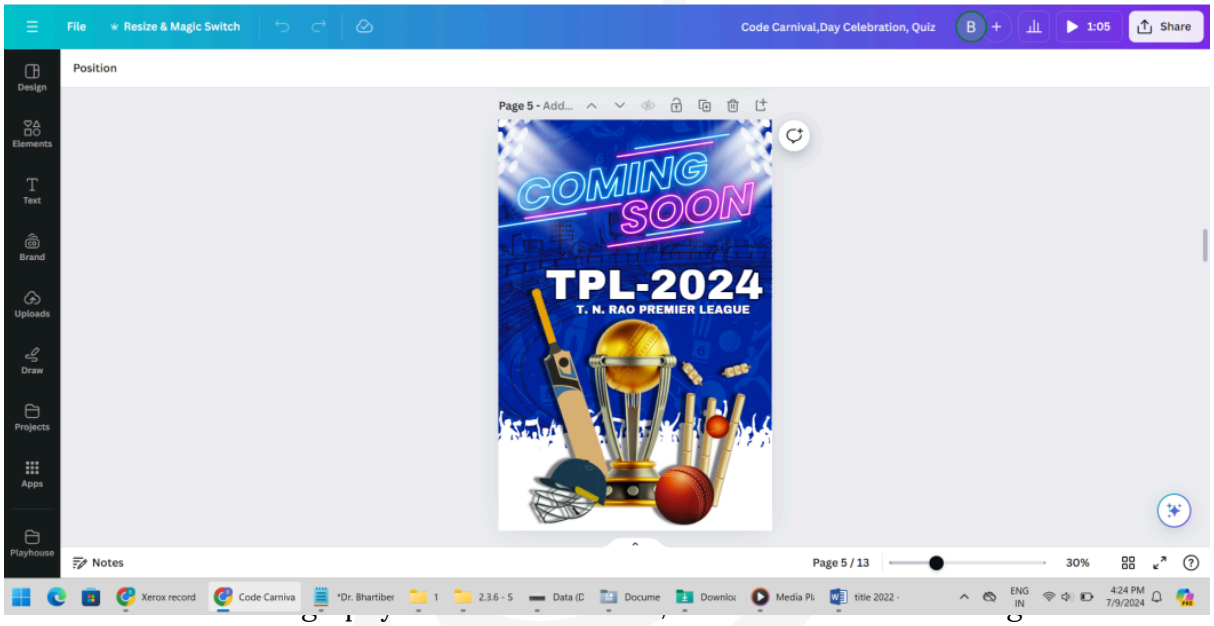
Stray Lesson 1

Extending to Out-of-Classroom Activities

Beyond traditional classroom settings, ICT support extends to out-of-classroom activities at T.N. Rao College of Teacher Education. Videography techniques are utilized to document experiences and social media platforms are leveraged to share insights, promoting digital storytelling and knowledge dissemination beyond the campus

boundaries. These activities not only enhance students' digital literacy but also provide them with a platform to showcase their creativity and communicate their ideas to a broader audience.

Videography is a powerful tool that allows students to capture and share their learning experiences in a dynamic and engaging way. By creating videos that document their projects, field trips, and other educational activities, students reflect on their experiences, share their insights, and create a visual record of their learning journey. These videos are shared on social media platforms, blogs, and other online forums, extending the reach of their educational content and fostering a sense of community and collaboration.



portfolios enable students to document and share their learning experiences in a more structured and organized manner. By creating and maintaining a blog or online portfolio, students showcase their work, reflect on their learning, and receive feedback from peers and educators. This continuous documentation and reflection process fosters a deeper understanding of their learning journey and encourages them to take ownership of their educational experiences.

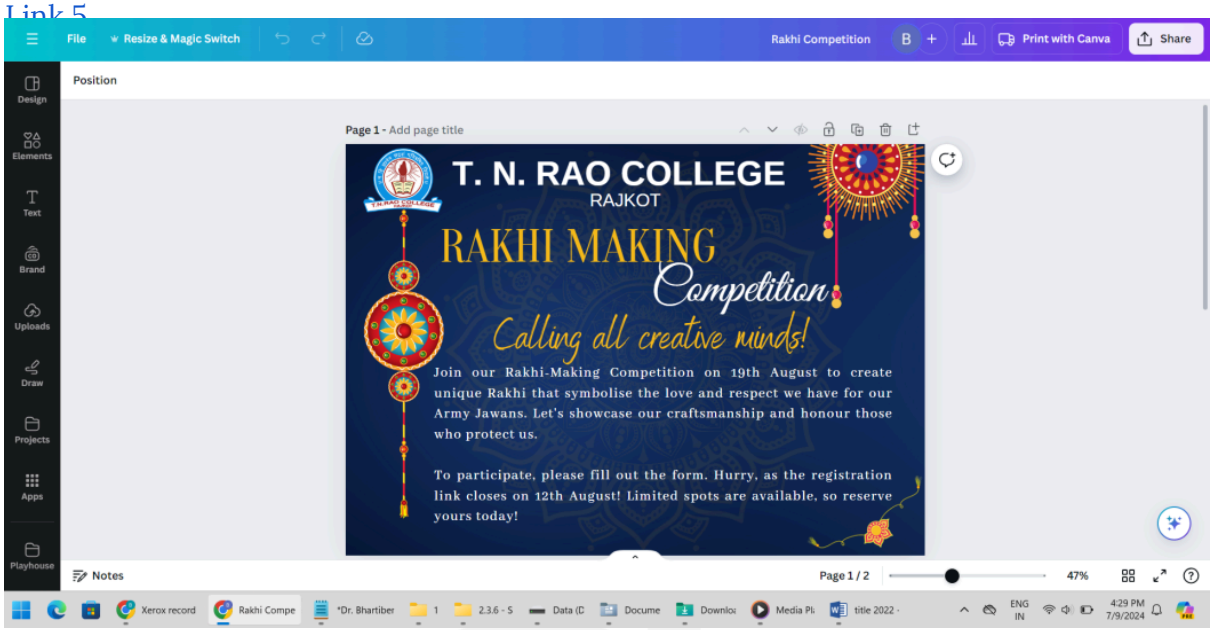
Link 1

Link 2

Link 3

Link 4

Link 5



Application in Field Sports

In the realm of field sports, T.N. Rao College of Teacher Education harnesses ICT support for various purposes, enhancing the overall management and execution of sporting events. Google Sheets, for instance, is utilized for data management, allowing the organization and analysis of sports-related data. This tool is particularly useful for tracking attendance, recording scores, and managing schedules, ensuring that all aspects of sporting events are well-organized and efficiently executed.

Sports List - 2023

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A1:G1 | University Sports Competition

University Sports Competition							
Sr.	Month	Date	Gender	Event Name	No Of Particip ant	Status	Photos
1	August	11/08/2023	Girls	Badminton	3	Nimavat Twinkle lost in final round, Amisha lost in second round	University Badminton Competition
		12/08/2023	Boys		3	Vishal And Raxit Both are lost in 1 Round, Abhay is lost in 3 round	
2	August	14/08/2023	Girls	Chess	3	Tada Kreneeben Six Round WIn	University Competition
		14/08/2023	Boys		0	-	
3	September	04/09/2023	Girls	Vollyball	6	-	
		05/09/2023	Boys		12	-	
4	Sptember	10/09/2023	Boys	Yoga	0	-	
		10/09/2023	Girls		1	-	
5	Sptember	14/09/2023	Boys	Swimming	2	Patel Sawan Arrchive 4 rank	
		14/09/2023	Girls		0	-	

College Dashboard | University Dashboard | Chess-(Girls) | Chess(Boys) | Badminton(Boys) | Badminton(Girls)

The integration of ICT in field sports also extends to the use of video analysis tools. By recording and analyzing their performance, athletes identify areas for improvement and develop targeted training programs. This use of technology enhances the overall quality of training and helps athletes achieve their full potential.

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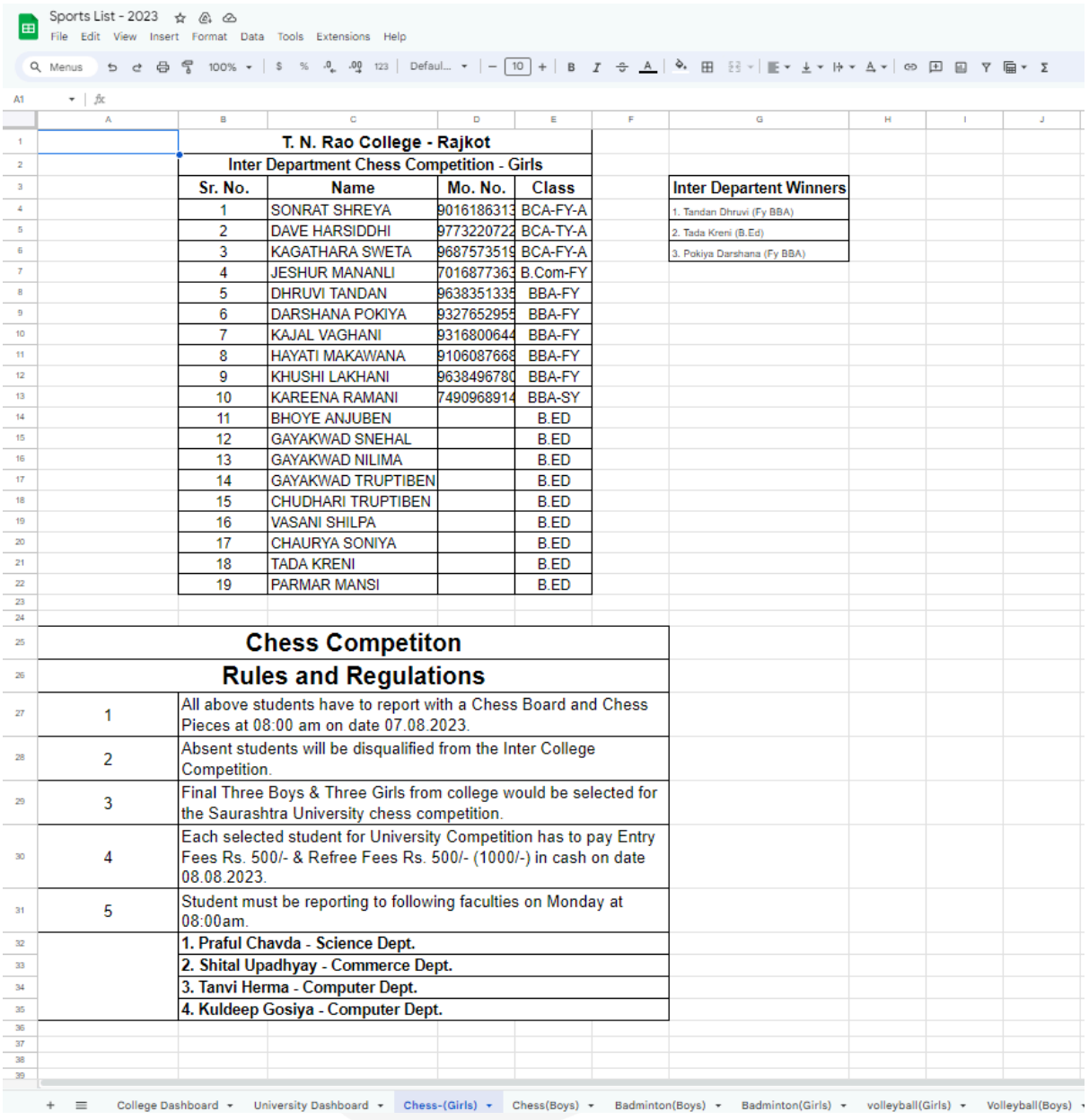

Sports List - 2023

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T. N. Rao College - Rajkot

Inter Department Chess Competition - Girls

Sr. No.	Name	Mo. No.	Class
1	SONRAT SHREYA	9016186313	BCA-FY-A
2	DAVE HARSIDDHI	9773220722	BCA-TY-A
3	KAGATHARA SWETA	9687573519	BCA-FY-A
4	JESHUR MANANLI	7016877363	B.Com-FY
5	DHRUVI TANDAN	9638351335	BBA-FY
6	DARSHANA POKIYA	9327652955	BBA-FY
7	KAJAL VAGHANI	9316800644	BBA-FY
8	HAYATI MAKAWANA	9106087668	BBA-FY
9	KHUSHI LAKHANI	9638496780	BBA-FY
10	KAREENA RAMANI	7490968914	BBA-SY
11	BHOYE ANJUBEN		B.ED
12	GAYAKWAD SNEHAL		B.ED
13	GAYAKWAD NILIMA		B.ED
14	GAYAKWAD TRUPTIBEN		B.ED
15	CHUDHARI TRUPTIBEN		B.ED
16	VASANI SHILPA		B.ED
17	CHAURYA SONIYA		B.ED
18	TADA KRENI		B.ED
19	PARMAR MANSI		B.ED

Inter Departent Winners
1. Tandan Dhruvi (Fy BBA)
2. Tada Kreni (B.Ed)
3. Pokiya Darshana (Fy BBA)

Chess Competiton

Rules and Regulations

1	All above students have to report with a Chess Board and Chess Pieces at 08:00 am on date 07.08.2023.
2	Absent students will be disqualified from the Inter College Competition.
3	Final Three Boys & Three Girls from college would be selected for the Saurashtra University chess competition.
4	Each selected student for University Competition has to pay Entry Fees Rs. 500/- & Refree Fees Rs. 500/- (1000/-) in cash on date 08.08.2023.
5	Student must be reporting to following faculties on Monday at 08:00am.
	1. Praful Chavda - Science Dept.
	2. Shital Upadhyay - Commerce Dept.
	3. Tanvi Herma - Computer Dept.
	4. Kuldeep Gosiya - Computer Dept.

College Dashboard | University Dashboard | Chess-(Girls) | Chess(Boys) | Badminton(Boys) | Badminton(Girls) | volleyball(Girls) | Volleyball(Boys)

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Conclusion

The integration of ICT support within T.N. Rao College of Teacher Education underscores its commitment to providing students with comprehensive learning experiences aligned with contemporary educational trends. By leveraging ICT tools effectively, the college fosters a dynamic learning environment that encourages engagement, collaboration, and innovation among its students. This comprehensive approach to ICT integration prepares students to thrive in the digital age, equipping them with the skills and knowledge needed to succeed in their future careers as educators.

The diverse applications of ICT at T.N. Rao College of Teacher Education, from theory courses to practice teaching, internships, out-of-classroom activities, and field sports, demonstrate the institution's dedication to embracing technological advancements and enhancing the educational experience. Through the strategic use of ICT, the college not only improves the quality of education but also empowers students to become lifelong learners and innovative educators who can adapt to the ever-evolving landscape of modern education.

In conclusion, the successful integration of ICT at T.N. Rao College of Teacher Education serves as a model for other educational institutions seeking to enhance their teaching and learning practices. By prioritizing the effective use of technology, the college creates a vibrant and inclusive learning environment that supports the academic and personal growth of its students, preparing them to become leaders in the field of education.

Principal
T. N. Rao College
Rajkot