GRT COLLEGE OF EDUCATION

TIRUTTANI-631 209
Recognised by NCTE & Affiliated to
Tamil Nadu Teachers Education University,
Accredited with 'A' Grade by NAAC (2nd Cycle)

2.3.4 - ICT support is used by students in various learning situations

1. Understanding theory courses:

a) Course content:
https://www.grtcoe.com/pdf/Course%20Materials/course%201%20Childhood%20and%20growing%20up.pdf

b) Learning Management Systems (LMS): https://www.grtcoe.com/lms.html

c) Google Classroom: https://classroom.google.com/w/Nzc3NzAwNjE5NzI2/t/all

d) Recorded lectures: https://www.youtube.com/@GRTCollegeofEducation

e) Quizzes: https://docs.google.com/forms/d/1jNALROQ6KfXEnRYvKcY16VMgDAW-tvCCY0pc5M89nuc/edit

f) Online Resources: Access to e-books

g) British Council Library: https://library.britishcouncil.org.in/cgi-bin/koha/opac-user.pl

ii) DELNET: https://www.delnet.in/

h) Educational videos: https://www.youtube.com/@GRTCollegeofEducation

i) MOOC:
https://www.edx.org/search?tab=course&hs_analytics_source=referrals&utm_source=mooc.org&utm_medium=referral&utm_campaign=mooc-cta&hs-referral=mooc.org&hsCtaTracking=8c061ca4-7805-45f0-96e7-d92b0415d98b%7C3502957c-ca33-46a0-aa98-13545ddc8359&page=1

j) NPTEL: https://swayam.gov.in/explorer

k) Interactive Whiteboards and Smart Classrooms: Enhance engagement and comprehension through interactive visuals: https://www.grtcoe.com/facilities.html

l) Course material: **https://www.tnteu.ac.in/study_material.php**

2. Practice teaching

a) e-lesson plan: https://www.grtcoe.com/images/2.3.4-Lesson-Plan.pdf

b) Digital classrooms: https://classroom.google.com/w/Nzc3NzAwNjE5NzI2/t/all

c) Video Recording Tools: For recording teaching sessions for self-evaluation or mentor feedback.

d) Virtual Classrooms: Platforms like Zoom or Google Meet for conducting online mock teaching.

e) Teaching Aids: Use of PowerPoint and other multimedia tools to enhance lesson delivery.

f) Assessment Tools: Online quizzes and polls (e.g., Kahoot, Quizizz) to assess student understanding.

3. Internship

a) School Books: https://tnschools.gov.in/scert?lang=en

b) Digital Portfolios: Platforms like Google Sites for documenting experiences, reflections and achievements.

c) Communication Tools: Emails, WhatsApp groups and Slack channels for regular interaction with mentors and coordinators.

d) Biometric: For attendance.

4. Out of class room activities

a) Social Media Platforms: For organizing, documenting and sharing activities and events.

i) Facebook: https://www.facebook.com/grtcoe.admin

ii) x: https://x.com/NSSGRT1TVLR

iii) LinkedIn: https://www.linkedin.com/in/grtcoe-admin-016474212/

b) Collaboration Tools: Google Docs for planning and reporting group activities.

c) Blogging Tool: Platforms like WordPress or YouTube to reflect on and share experiences.

https://www.blogger.com/blog/posts/8251180032023845924?bpli=1&pli=1

5. Biomechanical and Kinesiological activities

a) Wearable Devices: Smart watches and fitness trackers for monitoring physiological parameters.

6. Field sports

a) Digital Scoreboards: For conducting games.

1. Understanding Theory Courses

- **Learning Management Systems (LMS):** Platforms like Moodle, Google Classroom, and Microsoft Teams provide access to course materials, recorded lectures, quizzes, and forums.
- **Online Resources:** Access to e-books, educational videos (e.g., YouTube EDU), and MOOCs (e.g., Coursera, NPTEL).
- **Interactive Whiteboards and Smart Classrooms:** Enhance engagement and comprehension through interactive visuals.

2. Practice Teaching

- **Video Recording Tools:** For recording teaching sessions for self-evaluation or mentor feedback.
- **Virtual Classrooms:** Platforms like Zoom or Google Meet for conducting online mock teaching.
- **Teaching Aids:** Use of PowerPoint and other multimedia tools to enhance lesson delivery.
- **Assessment Tools:** Online quizzes and polls (e.g., Kahoot, Quizizz) to assess student understanding.

3. Internship

- **Digital Portfolios:** Platforms like Mahara or Google Sites for documenting experiences, reflections, and achievements.
- **Communication Tools:** Emails, WhatsApp groups, and Slack channels for regular interaction with mentors and coordinators.
- **Mobile Apps:** For attendance, task tracking, and logging field observations.

4. Out of Classroom Activities

- **Social Media Platforms:** For organizing, documenting, and sharing activities and events.
- **Collaboration Tools:** Google Docs, Padlet, Trello for planning and reporting group activities.
- **Blogging and Vlogging Tools:** Platforms like WordPress or YouTube to reflect on and share experiences.

5. Biomechanical and Kinesiological Activities

- **Motion Analysis Software:** Dartfish, Kinovea, or Coach's Eye for analyzing body movements.
- **Wearable Devices:** Smartwatches and fitness trackers for monitoring physiological parameters.
- **3D Modeling Tools:** For studying human anatomy and movement patterns.

6. Field Sports

- **Performance Tracking Apps:** Hudl, Strava, or Ubersense for performance review and improvement.
- **GPS and Sensor Technology:** For tracking movement, speed, and performance metrics.
- **Digital Scoreboards and Video Review:** For real-time feedback and game analysis.