

CRITERIA II

TEACHING- LEARNING AND EVALUATION

2.3 Teaching-Learning Process

2.3.4 ICT support is used by students in various learning situations such as

Lesson plan / activity plan / activity report to substantiate the use of ICT by students in various learning situations



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2.3.4 ICT support is used by students in various learning situations such as

1. Understanding theory courses
2. Practice teaching
3. Internship
4. Out of class room activities
5. Biomechanical and Kinesiological activities
6. Field sports

1. UNDERSTANDING THEORY COURSES

Each Teacher Educator prepared their own course notes and send it through Whats app group

B.ED PROGRAMME SUBJECTS AND SUBJECT HANDLING FACULTIES

Semester	Course	Name of The Teacher
Semester I	Core Course 1: Educational Psychology	Mrs.J.Suganya
	Core Course 2: Contemporary India and Education	Mrs.V.Suriya
	Course 3 :Teaching and Learning	Mr.S.ArunachalaPerumal Mr.C.Veeramanigandan
	Course 4: Language Across the Curriculum	Mrs.D.Jothi Mrs.J.Jayanthi
	Course 5: Pedagogy of School Subject 1	All Staff
Semester II	Core Course 1: Understanding Disciplines and Subjects	Mrs.R.Subhalakshmi
	Core Course 2: Assessment for Learning	Mr.S.Dasardhan
	Course 3: Environmental Education	Mr.R.Chandrasekar
	Course 4: School Management and Administration	Mrs.V.Suriya
	Course 4: Pedagogy of School Subject II	All Staff
Semester III	Practicals	All Staff
Semester IV	Course 1: Gender, school and Society	Mrs.G.Poonguzhali
	Course 2: Knowledge and Curriculum	Mrs.D.Jothi
	Course 3: Creating an Inclusive School	Mrs.J.Jayanthi
	Courses 4: Yoga, Health and Physical Education	Mr.S.Arunachala Perumal
	Elective: Values and Peace Education	Mr.R.Chandrasekar




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M.ED PROGRAMME SUBJECTS AND SUBJECT HANDLING FACULTIES

Semester	Course	Name of The Teacher
Semester I	Historical and Political Economy of Education in India	Mr.S.Arunachala Perumal
	Advanced Educational Psychology	Mrs. N.Jayavardhini
	Basics in Educational Research	Mrs M.P.Rama Priya
	Teacher Education in India:Elementary Level	Mrs.U.Visalatchi
Dissertation	Review of Literature, Problem Identification and Writing Research Proposal	All Guides
Practicum	Field Immersion in the Co-operative Schools (10 Working Days)	Mr.S.Arunachala Perumal
	Self Development: Yoga	Mr. S.Ragava Giri
Semester II	Philosophy of Education	Mrs.U.Visalatchi
	Curriculum Design and Development	Dr.J.Lizzie
	Advanced Educational Research and Statistics	Dr.M.P.Rama Priya
	Planning and Administration of Education: Elementary Level	Mr. S.Ragava Giri
Dissertation	Presentation of Research Proposal	All Guides
Practicum	Field Visit to Teacher Education Institutions (10 Working Days)	Mr.S.Arunachala Perumal
	Psychology Practical (Minimum 10)	Mrs. N.Jayavardhini
Semester III	Sociology of Education	Mrs. A.Nancy
	Advanced Techniques of Instruction	Mr.N.Mohana Kannan
	Educational Measurement and Evaluation	Dr.M.P.Rama Priya
	Curriculum, Pedagogy and Assessment : Elementary Level	Dr.J.Lizzie
Dissertation	Selection/Development of Research Instruments and Data Collection	All Guides
Practicum	Field Based Internship in Co-operative Schools (5 Working Days)	Mr.S.Arunachala Perumal
	Field Based Internship in Teacher Education Institutes (15 Working Days)	Mr.S.Arunachala Perumal
Semester IV	Course 1: Gender, school and Society	Mrs.G.Poonguzhali
	Course 2: Knowledge and Curriculum	Mrs.D.Jothi
	Course 3: Creating an Inclusive School	Mrs.J.Jayanthi
	Courses 4: Yoga, Health and Physical Education	Mr.S.Arunachala Perumal
	Elective: Values and Peace Education	Mr.R.Chandrasekar




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1. UNDERSTANDING THEORY COURSES

Indhira College of Education offers various theory courses related to education, teaching methods, and pedagogy. These courses are designed to provide students with a strong foundation in educational theory and practical skills needed to excel in the field of education. With the support of Information and Communication Technology (ICT), students have access to resources, tools, and technologies that enhance their learning experience. ICT support can include online learning platforms, multimedia materials, educational software, virtual classrooms, and digital resources that help students engage with course material in a more interactive and dynamic way.

Through ICT support, students in Indhira College of Education can participate in online discussions, access research materials, collaborate with peers on group projects, and engage in virtual simulations and exercises that deepen their understanding of theory concepts. ICT support also allows for flexibility in learning, as students can access course materials and resources anytime, anywhere, and at their own pace. The combination of theory courses and ICT support in Indhira College of Education provides students with a comprehensive and cutting-edge educational experience that prepares them for successful careers in the field of education.

A. UTILIZATION OF UNIVERSITY WEBSITE FOR COLLECTION OF STUDY MATERIAL



The screenshot displays the website for Tamil Nadu Teachers Education University. The header includes the university's name in Tamil and English, along with its accreditation details. A navigation menu is visible below the header. The main content area features a banner for 'Power Point Presentations' and a list of video presentations, including 'EPISTEMOLOGICAL BASES OF EDUCATION', 'SOCIAL BASES OF EDUCATION', and 'CHILD CENTRED EDUCATION'. A URL is provided at the bottom of the screenshot: https://tnteu.ac.in/power_point_presentation.php



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Tamil Nadu Teachers Education University - Video Presentations

The screenshot shows the homepage of the Tamil Nadu Teachers Education University. At the top, there is a header with the university's name in Tamil and English, its logo, and contact information. Below the header is a navigation menu with various options like Home, Mail in, Admissions, Academics, etc. The main content area features a banner with the text "Video Presentations" and a list of three video links: Video 1, Video 2, and Video 3.

https://tnteu.ac.in/video_presentation.php



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B. UTILIZATION OF ONLINE RESOURCES

1. SWAYAM Online Courses: [SWAYAM Online Courses](#) provides access to teaching-learning resources. These resources were earlier delivered on the SWAYAM platform. Students or learners who registered on SWAYAM (swayam.gov.in) in the January 2020 semester can continue their learning as usual.

2. UG/PG MOOCs: [UG/PG MOOCs](#) hosts learning material of the SWAYAM UG and PG (Non-Technology) archived courses.

3. e-PG Pathshala: [e-PG Pathshala](#) hosts high quality, curriculum-based, interactive e-content containing 23,000 modules (e-text and video) in 70 Post Graduate disciplines of social sciences, arts, fine arts and humanities, natural & mathematical sciences.

4. e-Content courseware in UG subjects: e-Content courseware in 87 Undergraduate courses with about 24,110 e-content modules is available on the CEC website at <http://cec.nic.in/>.


5. SWAYAMPARBHA: [Swayamprabha](#) is a group of 32 DTH channels providing high-quality educational curriculum-based course contents covering diverse disciplines such as arts, science, commerce, performing arts, social sciences and humanities subjects, engineering, technology, law, medicine, agriculture, etc to all teachers, students and citizens across the country interested in lifelong learning.

These channels are free to air and can also be accessed through your cable operator. The telecasted videos/lectures are also as archived videos on the Swayamprabha portal.

6. CEC-UGC YouTube channel: [CEC-UGC YouTube channel](#) provides access to unlimited educational curriculum based lectures absolutely free.

7. National Digital Library: [National Digital Library](#) is a digital repository of a vast amount of academic content in different formats and provides interface support for leading Indian languages for all academic levels including researchers and life-long learners, all disciplines, all popular form of access devices and differently-abled learners.




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2. PRACTICE TEACHING

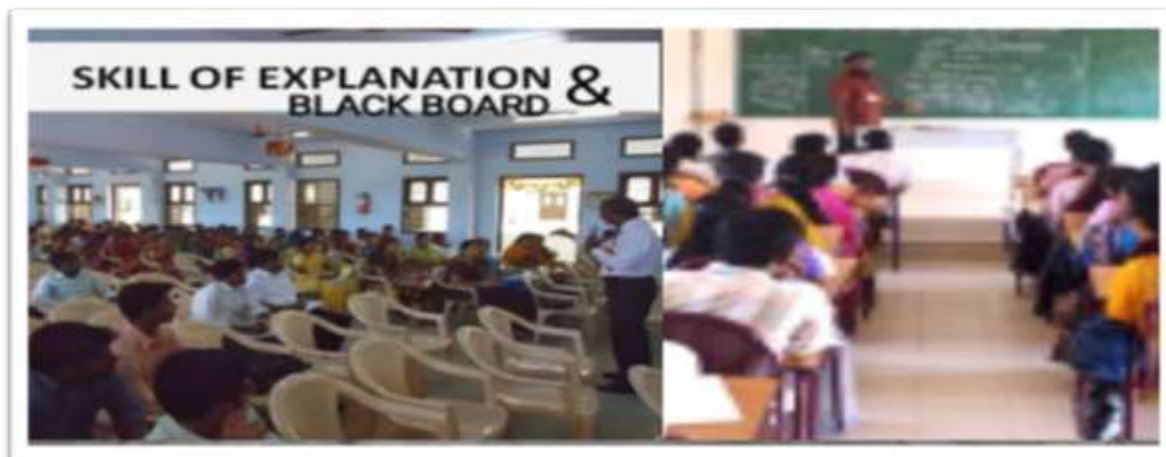
As an aspiring teacher, it is important to incorporate ICT support used for teaching practices to enhance student learning and engagement. Here are a few tips on how to effectively practice teaching in Indhira College of Education with ICT support:

- Utilize multimedia resources: Incorporate videos, interactive simulations, and educational websites into lessons to make learning more engaging and interactive for students. These resources can help reinforce concepts and cater to different learning styles. Students are trained to use Algodoo, Diksha, Arloopa, PhET& Scratch etc.,
- Collaborative projects: Encourage students to work on collaborative projects using online tools such as Google Docs or Microsoft Teams. This promotes teamwork and communication skills while leveraging technology for a more efficient workflow.

C. APPLICATION OF ONLINE RECOURSES



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PIET SIMULATIONS TEACHING RESEARCH ACCESSIBILITY [DONATE](#)

Simulations

Browse Filter

SUBJECT **53 Results** A-Z

- Physics
- Motion
- Sound & Waves
- Work, Energy & Power
- Heat & Thermo
- Quantum Phenomena
- Light & Radiation
- Electricity, Magnets & Circuits
- Chemistry
 - General Chemistry
 - Quantum Chemistry
- Math

Chemistry X

- Acid-Base Solutions
- Alpha Decay
- Atomic Interactions



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3. E-CONTENT PREPARATION

Intelligence:

Intelligence came from Latin word *intelligere* "to understand".

Definitions:

"Intelligence is the aggregate or global capacity of the individual to think rationally, to act purposefully and to deal effectively with the environment" (Wechsler-1994)

"Intelligence is the ability to master the knowledge and skills needed to succeed with in a particular culture"

(Lolurto-1991)



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Emotional intelligence

- First called social intelligence.
- The ability to perceive, express, understand, and regulate emotions.
- Some studies show EQ to be a greater predictor for future success than IQ.
- It is basis of the empathy for others, self awareness , and social skills. e.g. eye contact, flexibility and cooperation
- It helps in building the therapeutic relationship with patient.



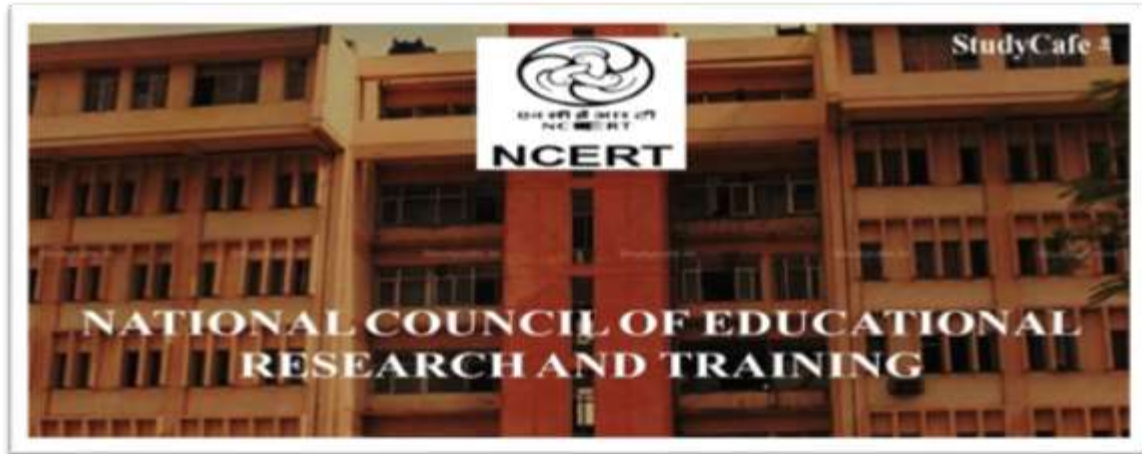
4. INTERNSHIP

School internships are a crucial part of the B.Ed program as they provide students with practical experience in a real classroom setting. During these internships, B.Ed students have the opportunity to observe experienced teachers, assist with lesson planning and delivery, as well as engage with students in a hands-on capacity. One way to enhance the school internship experience is by utilizing e-learning resources. These resources can provide students with additional support and guidance during their internship, as well as help them develop their teaching skills and knowledge.

- Lesson planning and delivery: E-learning resources can provide B.Ed students with access to a wealth of lesson plans, teaching strategies, and instructional materials that can help them plan and deliver engaging and effective lessons during their internship.
- Professional development: E-learning resources can help B.Ed students stay up to date on the latest educational trends, research, and best practices in teaching. They can also provide opportunities for students to participate in online courses, webinars, and workshops to further develop their teaching skills.



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5. OUT OF CLASS ROOM ACTIVITIES

Some out-of-classroom activities that students at Indhira College of Education may participate in include:

1. Field trips: Visiting museums, historical sites, and other educational locations to enhance learning.
2. Community service projects: Volunteering at local organizations or schools to give back to the community.
3. Sports teams: Participating in intramural or intercollegiate sports teams for physical activity and teamwork.
4. Clubs and organizations: Joining clubs related to education, hobbies, or social issues to connect with peers who share similar interests.



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5. Workshops and seminars: Attending professional development workshops and seminars to enhance skills and knowledge in the field of education.
6. Cultural events: Participating in cultural festivals, performances, and celebrations to embrace diversity and learn about different cultures.
7. Outdoor activities: Organizing hikes, camping trips, or other outdoor adventures to enjoy nature and promote well-being.
8. Study groups: Collaborating with classmates to study and prepare for exams together.
9. Leadership opportunities: Running for student government positions or participating in leadership development programs to gain valuable leadership skills.
10. Social events: Attending parties, movie nights, and other social gatherings to build friendships and create a sense of community on campus.



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5. BIO MECHANICAL KINESIOLOGICAL ACTIVITIES

Indhira College of Education offers a diverse range of bio-mechanical kinesiological activities to its students. These activities are designed to enhance physical fitness, strength, and overall well-being. Some of the activities offered at the college include:

1. **Gymnastics:** Students are given the opportunity to learn and perform various gymnastic skills and routines to improve their flexibility, strength, and coordination.
2. **Yoga:** Yoga classes are conducted regularly to promote physical, mental, and emotional well-being. Students learn various yoga poses, breathing techniques, and meditation practices.
3. **Dance:** Dance classes are offered to students to improve coordination, flexibility, and endurance through various dance styles.
4. **Sports:** Students have the opportunity to participate in various sports activities such as basketball, volleyball, badminton, and table tennis to enhance their physical fitness and sportsmanship skills.



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6. FIELD SPORTS

Field sports refer to sports that are played on a field, such as soccer, cricket, rugby, and field hockey. These sports have numerous benefits for students at Indhira College of Education, including:

1. **Physical fitness:** Field sports require active participation, running, jumping, and coordination, which helps students stay physically fit and healthy.
2. **Teamwork:** Field sports are team-oriented games that require players to work together towards a common goal. This fosters teamwork, communication, and leadership skills.
3. **Social skills:** Playing field sports helps students develop social skills as they interact with teammates and opponents. They learn sportsmanship, conflict resolution, and how to work with others towards a shared objective.
4. **Stress relief:** Engaging in physical activity through field sports can help students relieve stress, improve mood, and increase overall well-being.
5. **Goal setting:** Field sports require setting goals, both individually and as a team, and working towards achieving them. This helps students develop goal-setting skills and a sense of accomplishment.
6. **Time management:** Balancing academics with sports practice and games helps students learn time management skills and prioritize their responsibilities.
7. **Discipline:** Field sports require discipline, dedication, and adherence to rules. Students learn to follow instructions, respect authority, and stay focused on their goals.



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8. Confidence: Success in field sports can boost students' self-esteem and confidence. They learn to overcome challenges, push their boundaries, and believe in their abilities.

Field sports play a crucial role in the holistic development of students at Indhira College of Education, enhancing their physical, social, and psychological well-being while cultivating important life skills.



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