



ST. XAVIER'S COLLEGE OF EDUCATION (AUTONOMOUS)

[Re-accredited (3rd Cycle) at 'A' Grade by NAAC with CGPA: 3.67]

PALAYAMKOTTAI – 627 002, TAMIL NADU

Board of Studies Meeting (2020–2021)

.....
Date: 11.09.2020

Time: 10.00 a.m.

Mode: Zoom
.....

AGENDA

1. Review of Second Semester syllabus
2. Self Study Courses: Gandhian Thought (2020-22), Thoughts of Periyar, Thoughts of Ambedkar, Ignatian Pedagogy Paradigm, Personal Health and Hygiene
3. Shift of IV Semester Courses to III Semester for B.Ed. Programme.
4. Continuous Internal Assessment as usual through online.
5. Vision of Education as elective course and School Management (for the IV Semester) as core course.
6. Shift of Internship at TEIs for M.Ed Programme during III to IV Semester.

* * * * *



St. Xavier's College of Education (Autonomous)

[Re-accredited (3rd Cycle) at 'A' Grade by NAAC with CGPA: 3.67]

Palayamkottai – 627 002, Tamil Nadu, India

BOARD OF STUDIES MEETING FOR THE ACADEMIC YEAR 2020-2021

The Board of Studies Meeting for the academic year 2020-2021 was held on 11th September 2020 at 10.00 a.m. through Zoom. The following members were present in the meeting.

Name of the Members

Rev. Dr. D. Thomas Alexander, S.J., *Chairman*

Dr. R. Annadurai, *TNTEU Nominee*

Dr. A. Faritha Begam, *Member*

Rev. Fr. Augustine, S.J., *Member*

Rev. Bro. I. Stephen Savariraj, S.H.J., *Member*

Dr. A. Amalraj, *Member*

Mr. A. John Lawrence, *Member*

Dr. M. Antony Raj, *Member*

Dr. A. Punitha Mary, *Coordinator*

Dr. A. Michael J Leo, *Member*

Dr. Y. Daniel, *Member*

Mrs. A. Metilda Jasmine Shanthi, *Member*

Rev. Fr. J. Martin George, S.J., *Member*

Dr. S. Sherlin, *Member*

Dr. R. Sathesh Franklin, *Member*

Dr. T. Raja, *Member*

Rev. Dr. F.X. Dominic Royce, S.J., *Member*

Mr. A. Nicholas Jegan, *Member*

Mr. U. Subramanian, *Member*

Mrs. M. Rosary Kiruba Alexy, *Member*

Mr. T. Thangaraj, *Member*

Principal

St. Xavier's College of Education
(Autonomous)

Palayamkottai – 627 002



ST. XAVIER'S COLLEGE OF EDUCATION (AUTONOMOUS)

[Re-accredited (3rd Cycle) at 'A' Grade with CGPA 3.67 by NAAC]

PALAYAMKOTTAI – 627 002, TAMIL NADU

MINUTES OF THE BOARD OF STUDIES MEETING FOR THE ACADEMIC YEAR 2020-2021 (Online)

The Board of Studies Meeting for the academic year 2020-21 was held on 11th September 2020 at 10.00 a.m. through Zoom. The meeting began with a prayer Song followed by a small prayer by Fr. Principal. Rev. Dr. D. Thomas Alexander, S.J., the Principal initiated the meeting by welcoming the members present. The following members were present in the meeting.

Chairman

1. Rev. Dr. D. Thomas Alexander, S.J., *Principal, SXCE.*

University Nominee

2. Dr. R. Annadurai, *Director i/c, Centre for Educational Research, Madurai Kamaraj University, Madurai.*

External Experts

3. Dr. A. Faritha Begam, *Controller of Examinations & Associate Professor, St. Ignatius College of Education., Palayamkottai*
4. Dr. A. Amalraj, *Prof. & Director, Centre for Research St. Xavier's College of Education, Palayamkottai*

Representative from allied area relating to placement

5. Rev. Fr. V. Augustin, S.J., *Headmaster, St. Xavier's Higher Secondary School, Palayamkottai.*
6. Rev. Bro. I. Stephen Savariraj, S.H.J., *Correspondent, Holy Angel BCV International School, Causanneipuram.*

Faculty Members

7. Dr. A. John Lawrence, *Asso. Prof. in English.*
8. Dr. M. Antony Raj, *Asst. Prof. in History.*
9. Dr. A. Punitha Mary, *Coordinator & Asst. Prof. in Education.*
10. Dr. A. Michael J Leo, *Asst. Prof. in Education.*
11. Dr. Y. Daniel, *Asst. Prof. in Biological Science.*
12. Mrs. A. Metilda Jasmine Shanthi, *Asst. Prof. in Mathematics.*
13. Rev. Fr. J. Martin George, S.J., *Asst. Prof. in Education.*
14. Dr. S. Sherlin, *Asst. Prof. in Physical Science.*
15. Dr. T. Raja, *Librarian.*

16. Rev. Dr. F.X. Dominic Royce, S.J., *Controller of Examinations & Asst. Prof. in Education.*
17. Mr. U. Subramanian, *Asst. Prof. in Tamil.*
18. Mrs. M. Rosary Kiruba Alexy, *Asst. Prof. in Physical Science.*
19. Mr. T. Thangara], *Assistant (S.P.L), SXCE Office.*

The minutes of the previous Board of Studies meeting held on 24th January 2020 was presented by Dr. A. Punitha Mary and it was approved by the members present.

The agenda of reviewing B.Ed. and M.Ed. syllabi were led by Dr. A. Punitha Mary and the following modifications were proposed by the members of Board of Studies.

B.Ed. - Semester II

Course X: Innovations in Education

In Unit II, the terms 'Educational Radio and Educational Television' after the terms Types of Media: Print and Non-print Media were deleted. The topic 'Models of Teaching' was completely deleted. Instead of that, concepts 'Flipped Learning - Blended Learning and m-Learning: Merits and Demerits were added at the end of the unit.

Course XIII: History Education – II

As the syllabus for the IX standard was updated, the content of Unit IV and Unit V were modified as follows.

Unit IV: Man and Environment (Standard-IX)

Environment: Meaning and definition- Classification of environment : Natural, human and manmade - Population: Growth, distribution and density – Over population and under population- Human settlements: Meaning and definition- Classification of human settlements :Rural and urban – Economic activities: Meaning and definition-Types of economic activities: Primary, Secondary, Tertiary, Quaternary and Quinary –Environmental issues: Deforestation and sustainable development- Mapping skills: Meaning and definition- Components of map: Title, Scale, Direction, Grid System, Projection, Legend, Conventional Signs and Symbols- Remote sensing as a source of map data: Aerial photography, Satellite remote sensing, Global Navigation Satellite System: Global Positioning System and Geographic Information System- Disaster Management: Meaning and definition- Responding to disasters : Earthquake, Tsunami, Riot And Fire.

In Unit V, the concepts such as 'Money and credit: Barter system, Coins, Natural money, Paper money - Functions of money- Relationship between money and price- Electronic transactions.' were added at the end of the unit.

M.Ed. - Semester II

Course VI: Educational Statistics

In Unit IV, 'Factor Analysis' was added after the regression equations and the term 'theoretical steps' at the end of the unit was removed.

Conversion of School Management Course as Core Course

B.Ed.: Sem. IV

As the School Management Course is essential for a prospective teacher, it was decided to offer School Management Course as Core Course and to convert Vision of Education in India as Elective Course. Hence the following modifications were proposed in the syllabus of Vision of Education in India and School Management courses.

Course XVIII: Vision of Education in India

The term 'Historical Development of School Education in India' and the term J. Krishnamurthy after the term Aurobindo Ghosh were deleted in the 1st Unit.

In Unit III, the concepts 'Constitutional Provisions on Ideals: Democracy, Equality, Liberty, Secularism and Social Justice' were deleted from the beginning of the unit. The concepts 'Issues of: Universal Enrolment, Universal retention, Universal success and inequality: Nature – Consequences of inequality in education' were deleted.

In Unit V, MHRD was replaced by Ministry of Education.

Course XXIII: School Management

Unit I topic 'Management' was modified as 'Concept of Management'. In the I Unit the term 'Principles' was added after the term 'objectives' and the term 'Characteristics' was removed.

The concept 'Educational Management: Meaning, Definition and Components' was shifted to the end of the unit.

In Unit III, the concept 'Educational Management Information System (EMIS)' was added at the end of the unit.

In Unit V, the term 'Process of School' was modified as 'Process'.

Self Study Course on Gandhian Thought

Our college proposed to start a Self-study Course on Gandhian Thought through Offline. The syllabus for the same was approved by the members of the Board of Studies. The syllabus is as follows.

SELF STUDY COURSE ON GANDHIAN THOUGHT

B.Ed

Course code: **SSC-GT**

Objectives:

The Prospective teacher

1. gains knowledge on the life of Gandhi.
2. acquires knowledge about the civil right activities in India.
3. understands the thoughts, principles, practices and beliefs of Gandhi.
4. grasps the Gandhi's thoughts on Education.
5. recognises Gandhi as a Writer and Orator.

Unit I: Life History of Gandhi

Childhood – School Education – Higher Education – Student of law – Vegetarianism – Early Life and Child Marriage – Gandhi in South Africa – Law practice in South Africa and London - Establishment of Indian National Congress – Remembrance of Gandhi's 125th Birth Anniversary and Swachh Bharat Mission

Unit II: Civil Right activities in India

Discrimination of Gandhi's skin colour and heritage at South Africa - Role in World War I – Champaran Agitations – Kheda Agitations – Khilafat Movement - Non-Cooperation - Salt Satyagraha (Salt March) - Round Table Conferences - Congress Politics - World War II and Quit India movement - Partition and independence

Unit III: Thoughts, Principles, practices, and beliefs of Gandhi

Gandhiji's view on: Truth, inter-religious relations: Buddhists, Jains, Sikhs Muslims, Christians – Untouchability and Caste – Swaraj - Self-Rule - Hindu nationalism and revivalism - Ahimsa and Way of Non-Violence - Self – Discipline - International Peace - Democracy and the People -The Satyagraha: The Gandhian Approach to Conflict Resolution - Gandhian Ethics – Gandhian view on Economics

Unit IV: Basic Education of Gandhi

Aims, Method of Teaching, Curriculum, Concept of Teacher – Relevance of Educational Philosophy of Gandhi in the present educational system

Unit V: Gandhi as a Writer and Orator

The Journalist: Selected Journalistic Writings of Gandhi; Democracy, Communalism, Untouchability, Women, Religion, Capitalism, Non-Violence and Students- Assassination of Mahatma Gandhi

Practicum

1. Prepare an album of Gandhiji's Independence Movement.
2. Prepare a power point of Gandhiji's Thoughts on Education.
3. Prepare a review of anyone of the Gandhiji's Books.
4. Prepare a report of Gandhiji's Satyagraha at South Africa.
5. Prepare a report of Gandhiji's Vegetarianism at London.

References

1. Bharati Mazumdar. (2003). *Gandhiji's Non-Violence in Theory and Practice* (1st ed.). Mumbai, India: Mani Bhavan Gandhi Sangrahalaya.
2. Gandhi, M.K. (1967). *The mind of Mahatma Gandhi*.
3. Gandhi, M. K. (2019). *The power of nonviolent resistance: Selected writings* (1st ed.). New Delhi, India: Penguin Classics.
4. Gandhi, M. K. & Krishna Kripalani. (1953). *All men are brothers: Life and thoughts of Mahatma Gandhi as told in his own words* (1st ed.). Ahmedabad, India: Navajivan Mudranalaya.
5. GANDHI, M. K., & Prabhu, R. K. (1991). *The moral basis of vegetarianism* (1st ed.). Ahmedabad, India: Navajivan Publishing House.
6. Gandhi, M. K., & Hingorani, A. T. (1998). *God is truth* (1st ed.). Mumbai, India: Bharatiya Vidya Bhavan.
7. Gandhi, M. K., & BharatanKumarappa. (2007). *My Religion*. Ahmedabad, India: Navajivan Publications.
8. Gandhi, M. K., & Hingorani, A. T. (1998). *My views on Education*. Mumbai, India: Bharatiya VidyaBhavan.
9. Gupta, P. (2009). *Wisdom of Gandhi* (1st ed.). New Delhi, India: Prabhat Prakashan.


10. Hadibandhu Behara. (2016). Educational Philosophy of Mahatma Gandhi with Special Reference to Curriculum of Basic Education. *International Education and Research Journal*, 2(1), 112 - 115. Retrieved from www.academia.edu
11. Jyoti. (2017). The Gandhian Philosophy and System of Education. *International Journal of Research in Engineering, IT and Social Sciences*, 7(8), 38 - 40. Retrieved from www.indusedu.org
12. Kripalani, J. B. (1970). *Gandhi his life and thought* (1st ed.). New Delhi, India: Ministry Information and Broadcasting.
13. Mandal, B. S. (2020, September 5). Mahatma Gandhi one spot complete information website. Retrieved from <https://www.mkgandhi.org/>
14. Neena Dash. (2018). Educational Philosophy of Mahatma Gandhi and Swami Vivekananda and its relevance in present system of education from 2018 - 2028: A Comparative Study. *International Journal of Creative Research Thoughts*, 6(1), 1262-1274. Retrieved from www.ijpub.org
15. காந்தி, M. K. (1994). *மகாத்மா காந்தியின் சுயசரிதை: சத்திய சோதனை* (1st ed.). Ahmedabad, India: Navajivan Piracurālayam.

The members of the Board of Studies after discussion resolved to do the following:

- To have a workshop for writing Course Learning Outcome (CLO) and Objectives of the Courses to be modified based on Outcome Based Education (OBE).
- To offer "Gandhian Thought" as Self Study Course through off line for the I B.Ed Students (2020-2022). To offer courses like 'Thoughts of Periyar', Thoughts of Ambedkar', Ignatian Pedagogy Paradigm' and 'Personal Health and Hygiene' in the subsequent years as self-study courses.
- Shifting of IV Semester Courses to III Semester and III Semester Courses to IV Semester for II B.Ed students for this academic year (2020-2021) due to COVID 19 pandemic situation.
- To convert the Core Course 'Vision of Education in India' as Elective Course' and the elective course 'School Management' as Core course from this academic year (2020-21) for the incoming first year students.
- Shifting of Internship for MEd students at Teacher Education Institution from III Semester to IV Semester (2020-21) due to COVID 19 pandemic.

- To conduct Continuous Internal Assessment for the odd semester for the academic year 2020-2021 through online for the present students as long as needed.
- To conduct semester examinations for the outgoing students (2018-20 batch) through both online and offline.

Rev. Fr. Principal thanked the members present and thus the meeting came to an end at 11.50 am.


Principal
St. Xavier's College of Education
(Autonomous)
Palayamkottai - 627 002



St. Xavier's College of Education (Autonomous)

[Re-accredited (3rd Cycle) at 'A' Grade by NAAC with CGPA 3.67]

Palayamkottai – 627 002, Tirunelveli, Tamil Nadu, India

BOARD OF STUDIES MEETING FOR THE ACADEMIC YEAR 2020-2021

The Board of Studies Meeting for the academic year 2020-2021 was held on 23rd August (Monday) 2021 at 10.00 a.m. through Google Meet. The following members were present in the meeting.

<u>Name</u>	<u>Signature</u>
Rev. Dr. D. Thomas Alexander, S.J., <i>Chairman</i>	:
Rev. Dr. G. Pushparaj, S.J., <i>Member</i>	:
Dr. A. Punitha Mary, <i>Coordinator</i>	:
University Nominee	
Dr. H. Deepa, <i>Asst. Prof., M.S. University</i>	:
Experts from outside of the College	
Dr. P. Muthupandi, <i>Asst. Prof. (Stage III), Dept. of Edn., M.K. University</i>	:
Dr. A. Faritha Begam, <i>Former Asso. Prof. St. Ignatius College of Edn.</i>	:
Dr. A. Amalraj, <i>Former Prof. SXCE</i>	:
Representatives from allied area relating to placement	
Rev. Bro. R. Joe Antony, SHJ., <i>Headmaster, St. Mary's Hr. Sec. School</i>	:
Rev. Fr. A. Xavier Raj, S.J., <i>Superior & Correspondent, Carmel Hr. Sec. School</i>	: Absent
Members	
Dr. A. John Lawrence, <i>Asso. Prof. in English</i>	:
Dr. M. Antony Raj, <i>Asst. Prof. in History</i>	:
Dr. A. Michael J Leo, <i>Asst. Prof. in Education</i>	:
Dr. Y. Daniel, <i>Asst. Prof. in Biological Science</i>	:
Mrs. A. Metilda Jasmine Shanthi, <i>Asst. Prof. in Mathematics</i>	:
Rev. Fr. J. Martin George, S.J., <i>Asst. Prof. in Education</i>	: Absent
Dr. S. Sherlin, <i>Asst. Prof. in Physical Science</i>	:
Dr. R. Sathesh Franklin, <i>Director of Physical Education</i>	:
Dr. T. Raja, <i>College Librarian</i>	:
Rev. Dr. F.X. Dominic Royce, S.J., <i>Asst. Prof. of Education</i>	:
Mr. A. Nicholas Jegan, <i>Computer Programmer</i>	:
Mr. U. Subramanian, <i>Asst. Prof. in Tamil</i>	:
Mrs. M. Rosary Kiruba Alexy, <i>Asst. Prof. in Physical Science</i>	:
Mrs. S. Mercy Johanna, <i>Asst. Prof. in English</i>	:
Dr. D. Namasivayam, <i>Performing Arts</i>	: Absent
Mr. T. Thangaraj, <i>Assistant (S.P.L.)</i>	:
	Principal
	St. Xavier's College of Education
	(Autonomous)
	Palayamkottai - 627 002



ST. XAVIER'S COLLEGE OF EDUCATION (AUTONOMOUS)
[Re-accredited (3rd Cycle) at 'A' Grade by NAAC with CGPA: 3.67]
PALAYAMKOTTAI – 627 002, TIRUNELVELI, TAMIL NADU, INDIA

Board of Studies Meeting (2020–2021)

Date: 23.08.2021

Time: 10.00 am – 1.00 pm.

Mode: Google Meet

AGENDA

1. Invoking God's Blessings
2. Welcoming the members
3. Minutes of the previous Board of Studies Meeting
4. Review of B.Ed - I Semester Syllabus
5. Review of M.Ed - I Semester Syllabus
6. Shift of IV Semester Theory Courses to III Semester and III Semester Internship to IV Semester for B.Ed Programme of 2020-22 Batch
7. Elective Course - Disaster Management to be added for 2021-23 Batch
8. Introduction of 'Diploma in Digital Pedagogy' for 2021-23 Batch
9. Value Added Course on 'e-content development' for 2020-22 Batch
10. Consideration of Self- Study Courses
11. Including the Marks for Internship
12. Vote of Thanks



ST. XAVIER'S COLLEGE OF EDUCATION (AUTONOMOUS)

[Re-accredited (3rd Cycle) at 'A' Grade with CGPA 3.67 by NAAC]

PALAYAMKOTTAI – 627 002, TAMIL NADU

MINUTES OF THE BOARD OF STUDIES MEETING FOR THE ACADEMIC YEAR 2020-2021 (Online)

The Board of Studies Meeting for the academic year 2020-21 was held on 23rd August 2021 at 10.00 a.m. through Google Meet. The meeting began with a prayer Song followed by a small prayer by Fr. Principal. Rev. Dr. D. Thomas Alexander, S.J., the Principal initiated the meeting by welcoming the members present. The following members were present in the meeting.

Chairman

1. Rev. Dr. D. Thomas Alexander, S.J., Principal, SXCE

College Secretary

2. Rev. Dr. G. Pushparaj, S.J., SXCE

University Nominee

3. Dr. H. Deepa, Asst. Prof., M.S. University, Tirunelveli

External Experts

4. Dr. P. Muthupandi, Asst. Prof. (Stage III), Dept. of Edn., M.K. University, Madurai.
5. Dr. A. Faritha Begam, Controller of Examinations & Associate Professor, St. Ignatius College of Education., Palayamkottai.
6. Dr. A. Amalraj, Former Prof., St. Xavier's College of Education, Palayamkottai

Representative from allied area relating to placement

7. Rev. Bro. R. Joe Antony, SHJ., Headmaster, St. Mary's Hr. Sec. School, Vickramasingapuram.

Faculty Members

1. Dr. A. John Lawrence, Asso. Prof. in English.
2. Dr. M. Antony Raj, Asst. Prof. in History.
3. Dr. A. Punitha Mary, Dean & Asst. Prof. in Education.
4. Dr. A. Michael J Leo, Asst. Prof. in Education.
5. Dr. Y. Daniel, Asst. Prof. in Biological Science.
6. Mrs. A. Metilda Jasmine Shanthi, Asst. Prof. in Mathematics.
7. Dr. S. Sherlin, Asst. Prof. in Physical Science.
8. Dr. T. Raja, Librarian.

9. Rev. Dr. F.X. Dominic Royce, S.J., *Controller of Examinations & Asst. Prof. in Education.*
10. Mr. A. Nicholas Jegan, *Computer Programmer.*
11. Mr. U. Subramanian, *Asst. Prof. in Tamil.*
12. Mrs. M. Rosary Kiruba Alexy, *Asst. Prof. in Physical Science.*
13. Mrs. S. Mercy Johanna, *Asst. Prof. in English.*
14. Mr. T. Thangaraj, *Assistant (S.P.L), SXCE Office.*

The minutes of the previous Board of Studies meeting held on 11th September 2020 was presented by Dr. A. Punitha Mary and it was approved by the members present.

The agenda of reviewing B.Ed. and M.Ed. syllabi were led by Dr. A. Punitha Mary. The following modifications were proposed by the members of Board of Studies.

Semester I

Objectives in all the courses were renamed as Course Learning Outcomes.

Course I: Philosophical Foundations of Education

In Unit V, New National Education Policy 2020 was newly added after the National Knowledge Commission (NKC) 2005.

In Unit IV, the term 'Charter Act of 1813' was shifted after the term 'British System of Education'.

Practicum 2 was deleted and instead 'Present a critical analysis of NEP 2020' was added.

Practicum 5 'Prepare an album of Maulana Abul Kalam Azad' was deleted and 'Write a report on the role of Maulana Abul Kalam Azad in modernizing Indian Education' was added.

Reference 23 was added.

Course II: Educational Psychology - I

The term 'gains' in CLO 2 was modified as 'acquaints with' and the third 'acquires knowledge of cognitive process' was modified as 'familiarizes with cognitive process'.

In Unit IV, the term 'Significance of Emotional Intelligence' was modified as 'Goleman's Theory of Emotional Intelligence'.

In Practicum 1 the term 'Prepare' was modified as 'Construct'.

The term 'Prepare' in Practicum 3 was modified as 'Write'.

Practicum 4 'Prepare a life sketch and the educational contribution of any one of the Psychologists' was modified as 'Analyse critically the educational contribution of any one of the Psychologists'.

Practicum 5 'Prepare a power point presentation for a topic from any one of the units' was modified as 'Develop a digital presentation for a topic from any one of the units'.

Course III: Special English Education - I

The CLO 5 'evaluates the effectiveness of teaching using diagnostic and achievement tests' was converted as 'converts sentences into different structural forms'

Unit V Evaluation was shifted to II Semester and Teaching the grammatical content of English-II (Standard-XII) was added.

Unit V: Evaluation (L.8, T.2, P.3) (Removed)

Concept of Measurement, Assessment and Evaluation - Characteristics of good Evaluation - Diagnostic testing: meaning, need, question preparation and item analysis - Achievement Test: Meaning, need, different types of question, designing the Blueprint, and question preparation

Unit V: Teaching the Grammatical Content of English - II (Standard - XII) (L.10, T.2, P.3) (Added)

Negative formation - Verb division and sentence construction - Direct and indirect speech - Simple, compound and complex sentences - Transformation of sentences.

Practicum 4 'Design the Blueprint for the Standard IX term-end examination' was modified as 'Recite the Conjugation of a verb in Postive, Negative form with your neighbour and produce a report'.

Practicum 5 'Collect English language related materials from the newspapers' was changed as 'Select a passage and identify whether the sentences are Simple or Complex or Compound'.

Course III: சிறப்புத்தமிழ் - I

பாட கற்றல் விளைவு 1. தமிழ்மொழிக் கல்வியின் சிறப்பம்சங்களை வளர்க்கிறார் என்பது தமிழ்மொழிக் கல்வியின் சிறப்பம்சங்களை அறிந்து கொள்கிறார் என மாற்றியமைக்கப்பட்டுள்ளது.

பாட கற்றல் விளைவு 2. கற்பித்தல் திறன்கள், பயிற்சி திறன்களை வளர்க்கிறார் என்பது கற்பித்தல் திறன்கள், பயிற்சி திறன்களை வளர்த்து கொள்கிறார் என மாற்றியமைக்கப்பட்டுள்ளது.

அலகு நான்கில் ஆசார்க்கோவை பராபரக்கண்ணி மற்றும் ஆசியஜோதி என்னும் கருத்துகள் சேர்க்கப்பட்டுள்ளன.

அலகு ஐந்தில் தமிழ் எழுத்துக்களின் எழுத்தும் சார்பெழுத்தும் என்பது தமிழ் எழுத்துக்களின் வகையும் தொகையும் என மாற்றியமைக்கப்பட்டுள்ளது. மயங்கொலிகள் -

கட்டு எழுத்துக்கள், வினா எழுத்துக்கள் - நால்வகைச் சொற்கள் - பெயர்ச்சொல் -
இலக்கணம் என்பவை சேர்க்கப்பட்டுள்ளது.

Course III: Mathematics Education – I

The practicum 5 'develops the competencies in pedagogical analysis of Mathematics' was modified as 'acquaints with the basic concepts of Mathematics'.

Unit IV Evaluation was shifted to second semester and new unit entitled 'Algebra, Trigonometry, Set language Types and Real Numbers' was added.

Unit IV: Evaluation (L.9, T.2, P.3) (Removed)

Characteristics of a good test in Mathematics: Validity, reliability and objectivity
Different types of test items: Objective type, short answer, essay type - Nature and construction of diagnostic test and achievement test - Error analysis - Remedial teaching
Action research in Mathematics teaching

Unit IV: Algebra, Trigonometry, Set language Types and Real Numbers (L.9, T.2, P.3) (Added)

Algebra: Remainder theorem, algebraic identities, factorization- Trigonometry: Special angles and complementary angles- Set language: Set operations and properties- Real Numbers: Rational number, Irrational number - Rationalization of surds

In Unit V the content was modified as follows

Unit V: Algebra, Trigonometry, Set language Types and Real Numbers (L.9, T.2, P.3) (Removed)

Algebra: Polynomials - Arithmetic of polynomials - Value and zeros of a polynomial - Division of polynomials - Remainder theorem - Trigonometry: Special angles and complementary angles - Set language - Set operations - Cardinality on set operations - Real numbers: Rational number - Irrational number - Real number

Unit V: Coordinate Geometry, Mensuration, Probability (L.9, T.2, P.3) (Added)

Coordinate Geometry: Distance between two points, the mid point and point of trisection of line segment, section formula – Mensuration: Heron's Formula and application, Surface area and volume of Cuboid and Cube – Probability: Classical and Empirical Approach, Types of Events

In practicum 1 the term 'prepare' was changed as 'develop'.

Practicum 3, 'Prepare a model question paper based on Bloom's taxonomy' was changed as 'Critically analyze the old and revised Bloom's Taxonomy'.

In practicum 4 the term 'prepare' was changed as 'write'.

Practicum 5 'Analyze pedagogy of secondary Mathematics textbook.' was changed as 'Analyze the relevance of School content with real life situations'.

Course III: Physical Science Education - I

Unit II title 'Aims, Objectives and evaluation of Teaching Physical Science' was modified as 'Aims and Objectives of Teaching Physical Science'.

The topics 'Tests and its types - Diagnostic Test - Item Analysis - Remedial Teaching - Achievement Test - Blue Print - Principles of Test Construction - Criteria of a Good Test' were removed from the II unit and added in the II Semester.

The practicum 1 'Prepare a PowerPoint on the life history of any one of the scientists' was deleted and 'Identify any two superstitious beliefs and prepare a report about the science and myths behind it' was added.

Practicum 2 'Prepare a unit plan for any one of the Physical Science units from Standard IX Science textbook' was changed into 'Critically analyze the Old and Revised Bloom's Taxonomy'.

Practicum 3 'Construct 20 objective type questions from Physical Science content in Standard IX Science textbook' was deleted.

Practicum 4 was changed into practicum 5.

Practicum 4 'Write an episode for the skill of using black board by selecting a topic from IX standard textbook' was newly added.

Course III: Biological Science Education – I

The CLO 3 'develops necessary competence in teaching the subject in terms of methods, skills and techniques' was changed as 'develops necessary competence in teaching for macro and micro level'.

The term 'understands' in CLO3 was changed as 'identifies' and in practicum 5 the term 'knows' was changed as 'acquaints with'.

Unit III 'Planning, skills and Evaluation' was shifted to second semester and the new unit 'Teaching preparation at macro and micro level' was added.

Unit III: Planning, Skills and Evaluation (L.14, T.2, P. 3) (Removed)

Planning: Year plan - Semester plan - Trimester plan - Unit plan: Steps in unit plan and characteristics of good unit plan - Lesson plan: Essential features of lesson plan, Preparing lesson plan, steps in lesson planning (Herbartian) - Distinguishing lesson plan and unit plan -

Microteaching: Meaning and cycle - Skill of probing questioning, skill of explaining, skill of increasing pupil's participation, skill of closure, skill of use of black board and skill of reinforcement - Link lesson - Evaluation: Formative, summative, norm-based and criterion-based - Diagnostic testing and remedial teaching - Construction of unit test - Design and Black print - Item construction and marking scheme

Unit III: Teaching Preparation at Macro and Micro level (L.12, T.2, P. 3) (Added)

Lesson plan: Essential features of lesson plan, Preparing lesson plan, steps in lesson planning (Herbartian) - Unit plan: Steps in unit plan and characteristics of good unit plan - Distinguishing lesson plan and unit plan - Year plan - Semester plan - Trimester plan - Microteaching: Meaning and cycle - Skill of probing questioning, skill of explaining, skill of increasing pupil's participation, skill of closure, skill of use of black board and skill of reinforcement - Link lesson

The content of IV and V unit were rearranged according to the School Syllabus

Unit IV: Microorganisms (Standard - VIII) (L.7, T.2, P. 3) (Removed)

Bacteria: Cell structure - Fungi: Unicellular and Multicellular - Algae: Chlamydomonas - Protozoa: Amoeba - Virus: Structure - Living and Non-living characters - Medicine: Antibiotics - Vaccines - Agriculture: Natural fertilizer - Nitrogen fixation - Bio-control agents - Industry - In daily life - Harmful microorganisms: Diseases caused by microorganisms in Humans, Animals and Plants - Microbes in food process: Food preservation - Food production - Relationship between man and microbes - Prions - Virions

Unit IV: Microorganisms (Standard VIII) (L-7, T-2, P-3) (Added)

Virus: Structure and Characteristics - Bacteria: Cell structure - Fungi: Cell structure of Yeast - Algae: Cell structure of Chlamydomonas - Protozoa: Cell structure - Prions - Virions - Uses of Microorganisms: Medicine - Agriculture - Industry - In daily life - Microbes in Food Process: Food preservation - Food production - Harmful microorganisms: Diseases caused by microorganisms in animals - humans - Relationship between man and microbes

Unit V: Plant Kingdom (Standard - VIII) (L.7, T.2, P. 3) (Removed)

Taxonomy - Classification: Artificial system - Natural system - Outline of Bentham and Hooker's system - Binomial nomenclature - Salient features of Algae - Fungi: General characters - Classification - Economic importance - Harmful effects - Bryophytes - Pteridophytes - Gymnosperms and their General characters - Classification - Economic Importance - Angiosperms: General characters - Classification - Characteristic features of monocotyledons and Dicotyledons - Uses of medicinal plants

Unit V: Plant Kingdom (Standard VIII) (L-7, T-2, P-3) (Added)

Algae: Classification – Economic importance – Fungi: Classification – Economic importance and Harmful effects – Bryophytes – Pteridophytes – Gymnosperms and their general characters – Classification – Economic importance – Angiosperms: General characters – Classification – Characteristic features of Dicotyledons and Monocotyledons – Taxonomy: Classification – Artificial and Natural system – Binomial Nomenclature – Outline of Bentham and Hooker's system – Uses of medicinal plants

In practicum 1 the term 'powerpoint slides' was changed into 'digital presentation'.

In practicum 2 the term 'Prepare' was replaced by the term 'Design'.

In practicum 3 the term 'Prepare' was changed as 'Develop'.

In practicum 4 the word 'prepare' was replaced by the term 'produce' and in practicum 5 the term 'collecting and preserving' were changed as 'collect and preserve'.

Course III: History Education - I

The CLO 1 'knows the meaning, nature and scope of History' was converted as 'acquires knowledge of the concept History'.

In CLO 5, the term 'inculcates' was changed as 'analyses the'.

In practicum 1 the term 'powerpoint' was modified 'digital Presentation'.

Course IV: பொதுத்தமிழ் - I

அலகு I, IV காக மாற்றப்பட்டுள்ளது. அலகு II, V ஆக மாற்றப்பட்டுள்ளது.

அலகு நான்கில் விடுதலைத் திருநாள் - ஒன்றேகுலம் உயிர்க்குணங்கள் - பால் மணம் என்பவை சேர்க்கப்பட்டுள்ளன.

அலகு ஐந்தில் வேற்றுமை அணி - இரட்டுறமொழிதல் அணி என்பவை நீக்கப்பட்டு மாப்பு இலக்கணம் - அணி இலக்கணம் என்பவை சேர்க்கப்பட்டுள்ளன.

Course V: Human Rights and Duties Education

In practicum 1 the term 'Prepare a report' was modified as 'write a review'.

Practicum 3 'Prepare powerpoint presentation on any human rights issue' was modified as 'Create a digital presentation on any human rights issue'.

In Practicum 5 the term 'Prepare' was modified as 'Make'.

Course V: Environmental Education

In unit II, 'Population ecology' was modified as 'population and ecology'.

In unit IV, the term 'and' was added before United Nations Environment Programme and the concept 'Role of Mass Media in Environmental Education' at the end of the unit.

In Unit V the term 'Fit India Movement' was removed and 'Environmental Impact Assessment (2020)' was added before the term Role of UN bodies and NGOs.

The term 'prepare' was replaced as 'create' in practicum 1.

The term 'prepare' in practicum 2 was modified as 'design'.

In practicum 4, the term 'and submit' the report was added at the end.

The term 'prepare' was replaced as 'write' in practicum 5.

Course VI: Strengthening English Language Proficiency - I

In practicum 3 the term 'prepare' was modified as 'Construct'.

Course VIII: Physical Education and Yoga

The term 'Fit India Movement (2019)' was added at end of unit IV.

At the end of the fourth practicum the terms 'and submit the report' was added.

New Elective Course on 'Disaster Management' was added in the IV Semester as it is the need of the hour.

Semester: IV

Course XXIII: Disaster Management

B.Ed.: Sem. IV

Sub. Code: BEDM

Course Learning Outcomes:

The Prospective Teacher

1. acquires a historical perspectives of disaster management and agencies
2. understands the natural disasters and its kinds
3. recognizes the types of man-made disasters
4. receives the awareness on the procedures of disaster preparedness and mitigation
5. applies the strategies of rehabilitation, reconstruction and recovery

Unit I: Introduction to Disaster Management (L.6, T.2, P.2)

Disaster: Meaning and Nature – Disasters throughout History – Understanding Disaster Management – History of Disaster Management – Civil Defense: The Birth of Modern Emergency Management – United Nations International Strategy for Disaster Reduction (UNISDR) – Role of National Disaster Management Authority (NDMA) – National Disaster Management Executive Committee (NEC) – The Disaster Management Act (2005) – National Policy on Disaster Management (2009)

Unit II: Natural Disasters (L.5, T.2, P.2)

Natural Disasters: Meaning and Causes – Types: Geographical: Volcanic Eruptions, Earthquakes – Landslides – Tsunamis – Hydrological: Avalanches and Floods, Climatological: Droughts

Extreme Temperature – Drought – Wildfires – Meteorological: Cyclone – Storms – Waves –
Biological: Endemic – Pandemic: Covid 19

Unit III: Man-Made Disasters (L.6, T.2, P.2)

Man-Made Disasters: Meaning and causes – Types: Nuclear, chemical and Biological
– Fire: Building, Coal, Forest, Oil - Pollution: Air, Water and Industrial – Deforestation –
Accidents: Road, Rail, Air and Sea

Unit IV: Disaster Preparedness (DP) (L.7, T.2, P.2)

Disaster Preparedness (DP): Concept, Nature and Plan – Role and Responsibilities of
Central, State, District, and Local Administration, Armed Forces, Police, Para-military Forces,
International Agencies, Non-governmental Organizations, Community and Media– Use and
Application of Emerging Technologies in Disaster Preparedness – Disaster Mitigation:
Meaning and Strategies – National School Safety Project (NSSP) – National Institute of
Disaster Management (NIDM)

Unit V: Rehabilitation, Reconstruction and Recovery (L.6, T.2, P.2)

Damage Assessment – Parameters of Vulnerability – Information Management Structure
– Role of Various Agencies–Development of Physical and Economic Infrastructure – Creation
of Long-term Job Opportunities and Livelihood Options – Education and Awareness – Dealing
with Victims' Psychology

Practicum

1. Make posters on the Disasters of India
2. Write a report of on any one of the Recent Disasters of Tamil Nadu
3. Prepare a Time Line on the Disasters of the Planet Earth in the History
4. Take a survey on the Awareness on the Disaster Management and Write a Report
5. Prepare a Digital Presentation on the Covid 19 Pandemic

Reference

1. Perumal Samy, R.Dr. & S. Vairavaraja (2016). Disaster Management: Common Man's Kit. Chennai: Emerald Publishes.
2. Ramchandran, H. (1990). Environmental Issues in Agriculture. New Delhi: Concept Publishing.
3. Alexander, David. (2002). Principles of Emergency Planning and Management. New York: Oxford University Press.
4. Ansell, Jake, and Frank Wharton. (1992). Risk: Analysis, Assessment, and Management. John Wiley and Sons, Chichester.
5. BMTPC (1994) Disaster Mitigation & Vulnerability Atlas of India: A Paradigm Shift From Post-Disaster Reconstruction & Relief to Pre-Disaster Pro-Active Approach at <http://www.bmtpc.org/object.htm>
6. Disaster Management. (1991). A Disaster Manager's Handbook. Manila. Asian Development Bank.

7. World Disasters Reports, (2004). Published by the International Federation of Red Cross and Red Crescent Societies.
8. National Institute of Oceanography, "Understanding the Seas", at <http://www.nio.org/j>
9. <https://ndma.gov.in/>
10. <https://nidm.gov.in/>

M.Ed. Syllabus

Semester I

Objectives in all the courses were renamed as Course Learning Outcomes.

Course I: Philosophical Perspectives of Education

In Unit II 'Orthodox Schools of Philosophy' was added before the term 'Vedas'.

Course III: Educational Sociology

In Unit V the concepts 'Democracy and Secularism in Indian constitution' were added before the concepts Socialism and educational implications.

Self Study Courses

It was decided to introduce new Self Study Courses namely Thoughts of Periyar, Thoughts of Ambedkar, Ignatian Pedagogy Paradigm from the academic year 2021-2022.

Add on Diploma Programme in Digital Pedagogy

It was proposed to offer an Add on Diploma in Digital Pedagogy for all the first year students from the academic year 2021-22. The Objectives, Course of Study, Examination and the Syllabus were presented in the Board of Studies and it was accepted by them..

Diploma in Digital Pedagogy

1. Rationale

We are living in a world of micro-electronics and computers are used in all domains of life. This digital era makes our every work comfortable and Comprehensive. Information and Communication Technologies (ICT) has to be integrated in every subject and component of institutional activities. Integration of ICT with pedagogy improves the efficiency, effectiveness and quality of teaching and learning process in a significant way. It offers powerful opportunities for pupils to explore the ideas, to generalize, explain results, analyze situations, to receive fast and reliable information and feedback. This new diploma programme aims to help the teacher education degree holders/pupils to be aware of the different possibilities offered by the components of ICT and to use ICT in order to enhance the teaching-learning process in the near future. Hence the employability skills of the new graduates are empowered.

2. Programme Learning Outcomes:

The prospective teacher

1. becomes a techno-savvy teacher
2. utilizes the ICT tools in teaching-learning process
3. understands
 - a) The fundamentals of computers and its applications
 - b) ICT Integrated Pedagogy
 - c) Digi-content in Teaching-Learning
4. acquires the skill to prepare
 - a) E-content, E- Module and Short Learning Object (SLO)
 - b) Digital Presentations with Voice over and Animations
 - c) An educational website
5. develops the Techno-pedagogical skills

3. Eligibility

This is an Add on Diploma Programme to all the First Year B.Ed students. The medium of instruction and examination shall be English.

4. Duration: 1 Year

The duration of the programme shall be one year from June/July of every academic year in two semesters. The total number of days of the programme will be 150 working days. Examinations shall be held at the end of Semester I and II on such dates as may be decided by the College. The course work will be 150 hours.

5. Course of Study

The course of study for the programme Diploma in Digital Pedagogy is segmented as follows

Sem	Course		Marks	
	Code		Internal	External
I	BACDP1	Basics of ComputerSystem	30	70
	BACDP2	ICT Integrated Pedagogy	30	70
II	BACDP3	Digi-content in Teaching-Learning	30	70
	BACDP4	*Practical Outputs (120)	60	60
		Record/Document/Script (40)	20	20
		Viva-voce (40)	20	20
Total			190	310

* The Practicum Output will be

- A) An Educational Website
- B) An E-Content/E-Module/Short Learning Object (SLO)

To Consolidate

Part A	Theory	BACDP1, BACDP2 and BACDP3
Part B	Practical	BACDP4

6. Evaluation

There shall be three theory and one practical course. Each theory course will be evaluated by a three hour written test. The examinations for the theory courses will be

conducted along with the First semester Examinations of the regular B.Ed programme. The theory courses will be evaluated by the external examiners appointed by the College.

The Practical component of the Diploma in Digital pedagogy will be in the Second semester of the B.Ed programme which will be based on the contents of Course III (BACDP3). The practical course will be evaluated by an internal and external practical examination having maximum 60 marks, Record/Document/Script (20 marks) and viva-voce (20 marks). The external examiner appointed by the college will conduct the practical examinations and viva-voce based on the practical output prepared by the candidate.

7. Eligibility for Admission to the Examination

The examination shall be open to a student who is eligible as laid down in ordinance and has his name sent up by the Principal concerned with the following certificates:

- a) Of having been enrolled in the college for the academic year preceding the examination.
- b) Of having attended 80% of the lectures delivered.

If a candidate, who has attended the prescribed number of Lectures, does not appear in the examination or having appeared has failed or has been placed under reappear in one or more course/s may be allowed to appear as an ex-student. In such cases, the candidates shall be examined as per the programme outlines in force at that time. Two additional consecutive chances may be given to a candidate to clear this examination, i.e. one in May/June (Along with regular candidates) and October/November.

8. Passing minimum

The minimum pass marks shall be 50% separately for theory and practical in each course. The successful candidates shall be placed in the following divisions:

- | | |
|--|----------------|
| A. Those who obtain 75% or more | - Distinction |
| B. Those who obtain 60% and more but less than 75% | - First Class |
| C. Those who obtain 50% or more but less than 60% | - Second Class |
| D. Those who obtained less than 50% of the total marks | - Reappear |

The Diploma shall be awarded on the successful completion/evaluation of theory and practical courses. Each successful candidate shall receive *Diploma in Digital Pedagogy* issued by the *St. Xavier's College of Education (Autonomous), Palayamkottai – 627 002, Tamil Nadu, India.*

9. Distribution of Credits

The programme will consists of a theory and practical component

L – Lecture; T – Tutorial; P/PW- Practical / Project work

(1 credit = 15 hours)

S. No.	Subject	Credit	L	T	P	Total
Component A	Course I - Basics of Computer System	2	20	5	5	30
	Course II –ICT Integrated Pedagogy	2	20	5	5	30
	Course III –Digi-content in Teaching-Learning	2	10	10	10	30
Component B	Course IV - Practicum	4	-	10	50	60
Total		10	50	30	70	150

(150 working days and per day 1 hour) = 150 hours

10. Fee Structure

Application Fee	-	50.00
Material& Stationary Fees	-	500.00
Tuition fee	-	1000.00
Examination Fee	-	600.00
Practical Viva-voce	-	250.00
Mark sheet & Certificate	-	150.00
		<hr/>
		2550.00
		<hr/>

SYLLABUS FOR DIPLOMA IN DIGITAL PEDAGOGY

Course I: Basics of Computer System

B.Ed.: Sem. I

Sub. Code: BACDP1

Course Learning Outcomes:

The Prospective Teacher

1. develops the fundamental knowledge about computers
2. acquires the knowledge on communication and networks
3. understands the concept of operating system, types and functions
4. practices fundamental computer operations
4. familiarizes on the application software's of Computers

Unit I: Computer Basics

History of a computer, Generations of a Computer, Components of a Computer: Input and Output Devices, Primary Storage Devices, Secondary Storage Devices – Booting of a Computer - Types of memory

Unit II: System Related Logics and Networks

Connecting devices to computers-Expansion slots, adapter boards, I/O ports - (SCSI) Problem analysis: Flow Charts, Algorithms, Decision tables. - Software programming tools: Translators, Compiler, Interpreter, Assembler -Number System (Decimal, Binary, Octal, Hexadecimal, 1's Complement and 2's Complement), Representing Characters in Memory, Types of Networks and Trouble Shooting

Unit III: Basics of Operating System

Introduction to Operating System: Meaning of Operating System - Types of Software's - its functions, Types of Operating System: Single user and Multi-user - Key features of the Operating System – Prominent Operating System (DOS, Windows, Unix, Linux, iOS, and Android) –File System in Operating Systems, Basic Internal / External Commands of DOS

Unit IV: Basics of Windows

Introduction to Windows 10: Parts of Window Screen (Desktop, Window, Icons), Start Menu, Task Bar Settings, Application and Document Window, Anatomy of a Window (Title Bar, Minimize Maximize Buttons, Control Box, Scroll Bars, Scroll Buttons, Scroll Boxes). User Accounts, Window Explorer (Expansion, Collapsing of a Directory Tree, Copying, Moving, Deleting Files, Folder, Creating Folders), about Desktop Icons (Recycle Bin, My

Computer, Network neighborhood, Briefcase), Folder, shortcut creation, Setting of Screen Saver, Colour Setting, Wall Paper, Changing Window appearance and DOS Prompt

Unit V: Basics of Application Software's

Educational uses of Application Software: Word Processors, Presentation, Spreadsheet, Database Management, Viruses and its Management - Facilities available for communication: E-mail, Chat, Online conferencing (Audio-video), e-library, Websites, Blog, Wiki and Social networking - Concept and uses: Internet forum, News groups and Search Engines - Legal and Ethical issues: Copyright, Hacking, Netiquettes and Net-safety

Practicum (any two)

1. Construct a Time Line on the Generation of Computers.
2. Create a poster on the Computer Components over years.
3. Critically analyse the features of the Operating Systems Windows and Unix.
4. Write a report on the Features of WINDOWS 10.
5. Develop a digital presentation on any one of the topics of your Own.

References:

1. Starkey, L. (2012). *Teaching and learning in the digital age*. Routledge.
2. Taneja, V., & Parashar, S. (2011). *Electronic - Education* (1st ed.). Alfa Publications.
3. Chitrasen. (2006). *Role of Computer & Internet in Modern Education* (1st ed.). Alfa Publications.
4. Arulsamy, S., & Sivakumar, P. (n.d.). *Application of ICT in Education* (1st ed.). Neelkamal Publications.
5. Sinha, R. (2013). *Information Technology Applications in Education* (1st ed.). Anmol Publications.
6. Simmons, C., & Hawkins, C. (2009). *Teaching ICT* (1st ed.). SAGE Publications.
7. Das, M. K. (2012). *E - Learning* (1st ed.). Pearl Books.
8. Vanaja, M., Rajasekar, S., & Arulsamy, S. (2014). *Information Communication Technology (ICT) in Education* (1st ed.). Neelkamal Publications Pvt Ltd.
9. John Milin Sandeep. (2015). *Innovations in Teaching of Computer Science* (1st ed.). Neelkamal Publications Pvt Ltd.
10. Pooja Sharma, & Shivangi Nigam. (2014). *ICT Mediated Education* (1st ed.). R. L. Book Depot.
11. Shah, K. N. (2018). *Online Teaching: Tools and Projects* (1st ed.). Pearl Books.

Course II: ICT Integrated Pedagogy

B.Ed.: Sem. I

Sub. Code: BACDP2

Course Learning Outcomes:

The Prospective Teacher

1. understands the fundamental concept of computer education
2. analyzes the role of ICT in education and teacher education
3. understands the computer aided teaching and learning strategies
4. develops techno-based lesson plan
5. acquires the concept of multimedia approach

Unit I: Basics of Computer Education

Computer Education - Concept, Need and Importance, Application of Computer with Special Reference to Education and Society. Aims and Objectives of Computer Education, Present and Future of Computer Education in Indian Schools. Computer Education Curriculum-Concepts and Principles of Curriculum for Computer Education

Unit II: Information and Communication Technology in Education

Information and communication technology: Meaning, importance and nature - Need of information and communication technology in education - Scope of ICT in education: Teaching-learning process, publication, evaluation, research and administration - Paradigm shift in education due to ICT: Curriculum, methods of teaching, classroom environment, evaluation procedure and educational management - Challenges in integrating information and communication technology in school education

Unit III: Computer Aided Teaching and Learning

Computer Assisted Teaching (CAL) - Project Based Teaching (PBL) - Collaborative Learning - Technology Aided Learning - E-learning - Web Based Teaching - Virtual Classroom - Flipped Classroom - e-Tutoring and e-content: Content Analysis - Script Writing

Unit IV: Planning Computer Assisted Instruction

Lesson planning - Need for and importance of lesson plans, steps of lesson plan, characteristics of a good lesson plan, Innovations in Teaching Technology. Individualized Instruction: Meaning, Characteristics and scope, Computer-Assisted Instructions, Personalized System of Instruction, Learner Controlled instruction, Use of Computer in School Education, System Approach

Unit V: Basics of Multimedia Components

Multimedia Approach in Teaching-Computer as Teaching Machine- Education Use Internet- Building Blocks of Multimedia (Text, Hypertext, Digital Audio Video Animation) Methods of Teaching CAI, CML & Online Education- Planning of ICT Laboratory: Room Space, Furniture, Lighting Conditions, Number of Computers, LCD, Interactive White Boards

Practicum

1. Write a report on the ICT Integration in the School Curriculum.
2. Compare any two Online Learning Platforms and critically analyse it.
3. Develop an ICT Integrated lesson Plan on a topic.
4. Create a Digital Programmed Learning Material for your Subject.
5. Critically analyse the ideal Structure of a Digital or ICT Laboratory.

References

1. Arulsamy, S., & Sivakumar, P. (n.d.). *Application of ICT in Education* (1st ed.). Neelkamal Publications.
2. Sinha, R. (2013). *Information Technology Applications in Education* (1st ed.). Anmol Publications.
3. Simmons, C., & Hawkins, C. (2009). *Teaching ICT* (1st ed.). SAGE Publications.
4. Das, M. K. (2012). *E - Learning* (1st ed.). Pearl Books.
5. Vanaja, M., Rajasekar, S., & Arulsamy, S. (2014). *Information Communication Technology (ICT) in Education* (1st ed.). Neelkamal Publications Pvt Ltd.
6. John MilinSandeep. (2015). *Innovations in Teaching of Computer Science* (1st ed.). Neelkamal Publications Pvt Ltd.
7. PoojaSharma,&Shivangi Nigam. (2014). *ICT Mediated Education* (1st ed.). R. L. Book Depot.
8. Shah, K. N. (2018). *Online Teaching: Tools and Projects* (1st ed.). Pearl Books.
9. James A. O. Brien (1997). *Introduction to Information Systems*, New York: McGraw Hill.
10. Dennis, P. Curtin et.al., (1999). *Information Technology-The Breaking Wave*. New Delhi: Tata McGraw Hill Publishing Co. Pvt. Ltd.
11. Rajasekar. S (2004). *Computer Education and Educational Computing*. New Delhi: Neelkamal Publications Pvt. Ltd.
12. Mujibul Siddiqui (2004). *Technology in Teacher education*. New Delhi: AP Publishing Corporation.
13. Clive Gifford, (1985). *Using Computers in Education*. London: Interface Publications.
14. Anice James (2005). *Teaching of Mathematics*. Neelkamal Publications Pvt. Ltd.

Semester II

Course III: Digi-Content in Teaching-Learning

B.Ed.: Sem. I

Sub. Code: BACDP3

Course Learning Outcomes:

The Prospective Teacher

1. understands the fundamentals of Google Sites
2. acquires the fundamental knowledge of web designing
3. develops the skill of web design using the tools
4. utilizes the E-content Strategies
5. prepares Video Content

Unit I: Basics of Google Site

Internet as source of learning – Blogs – WebPage Designing – Google Sites: Basics - Adding shared borders to the page - Giving title -Selecting a background -Adding text - Hyperlink - turning text your heading - Adding picture -Adding a clipart - Adding navigationBar -Publishing Web page - Making the web page searchable

Unit II: Introduction to Microsoft Expression Web

HTML Front Page: Introduction to Microsoft Expression Web (MEW) and Notepad ++: MEW Window, various toolbar of MEW. Creating a web page using wizard, creating a web page using templates and toolbars

Unit III: HTML and Its tags

HTML Basics – Elements – Attributes – Headings – Paragraphs – Styles – Formatting – Quotations – Comments – Colors – Links – Images –Tables – Lists – Block and Inline – Forms - Media's – API's

Unit IV: Preparation of E-Content

E-Content Design - Content Authoring Tools - Documentation& Presentation Tools - Graphics & Animation Tools - Audio and Podcasting – Learning management Software's

Unit V: Videos Preparation with open sources

Online Videos – Creation of YouTube Channel - Online Video Creation – Video Editing Software's – Ethical Clearance of Content – Copy Right Issues

References

1. Alfred Brock (1985). *Personal Computer for Education*. London: Harper and Row Publishers.
2. Ambrans and Hooper, K., (1990). *Interactive Multimedia*. Redmandwa: Micros Press,
3. Clive Gifford, (1985). *Using Computers in Education*. London: Interface Publication
4. Starkey, L. (2012). *Teaching and learning in the digital age*. Routledge.
5. Taneja, V., & Parashar, S. (2011). *Electronic - Education* (1sted.). Alfa Publication
6. Chitrasen. (2006). *Role of Computer & Internet in Modern Education* (1sted.). A Publications.
7. Arulsamy, S., & Sivakumar, P. (n.d.). *Application of ICT in Education* (1sted.) Neelkamal Publications.
8. Sinha, R. (2013). *Information Technology Applications in Education* (1sted.). An Publications.
9. Simmons, C., & Hawkins, C. (2009). *Teaching ICT* (1sted.). SAGE Publications.
10. Das, M. K. (2012). *E - Learning* (1sted.). Pearl Books.
11. Starkey, L. (2012). *Teaching and learning in the digital age*. Routledge.
12. Taneja, V., & Parashar, S. (2011). *Electronic - Education* (1sted.). Alfa Publication
13. Chitrasen. (2006). *Role of Computer & Internet in Modern Education* (1sted.). Publications.
14. Arulsamy, S., & Sivakumar, P. (n.d.). *Application of ICT in Education* (1sted.) Neelkamal Publications.
15. Sinha, R. (2013). *Information Technology Applications in Education* (1sted.). An Publications.
16. Shah, K. N. (2018). *Online Teaching: Tools and Projects* (1sted.). Pearl Books.

Guidelines for the Practical output (BACDP4)

(A) An Educational Website

- a) The Candidate has to prepare an Educational Website on his own under the guidance of the staff-in-charge.
- b) The Website may have curriculum vitae of the individual, academic information and other relevant study materials like lesson plan, Programmed Learning Materials and digital presentations.
- c) The website may have at least four menus in which he/she may have at least two submenus in each.
- d) The Content of the Website must be free from Plagiarism.
- e) The Staff-in-charge has to approve the website, before it is launched.
- f) The links of the respective websites may be given as links in the Official College Website which is to be submitted to the Controller of Examinations of SXCE.

(B) Short Learning Object (SLO) / E-Module

- a) The Content Analysis must be done properly prior to the SLO preparation.
- b) The Content must be free from Plagiarism.
- d) The SLO must have clear content verbally and visually.
- e) The total duration of the SLO may be 7 minutes maximum.
- f) The SLO must contain the virtual appearance of the candidate for at least 2 minutes.
- g) A launched SLOs need to be uploaded in the College YouTube Channel and the link for the same should be linked with the College Website.

Marks for Internship

It was decided to allot 50 marks for Internship for Optional I & II separately.

The members of the board of studies after discussion resolved to do the following

1. To have the unit on 'Evaluation' in the II Semester uniformly for all the pedagogy courses.
2. To mention 'any two' in all the practicum given at the end of the syllabus as the students are expected to do only two out of five practicums.
3. To offer a new elective course on 'Disaster management' in the IV semester.
4. Shifting of IV Semester theory courses to III semester and III semester practical course to IV semester or without change, it may be continued as per the condition prevailing due to pandemic.
5. To offer a new value-added course on 'e-content development' from the academic year 2021-22.
6. To provide self-study courses on 'Thoughts of Periyar', 'Thoughts of Ambedkar' and 'Integrated Pedagogy Paradigm' from the academic year 2021-22.
7. To introduce a new diploma programme on 'Digital Pedagogy' for the first year B.Ed Students from the academic year 2021-22.
8. To allot 50 marks for internship for optional I and Optional II separately.

The meeting came to an end at 1.00 pm.


Principal
St. Xavier's College of Education
(Autonomous)
Palayamkottai - 627 002
Tamilnadu, India