PONDICHERRY UNIVERSITY PUDUCHERRY – 14.

POST GRADUATE DIPLOMA IN TEACHING SKILLS

Syllabus and Regulations (2009-10) Revised w.e.f. 2023-24



SCHOOL OF EDUCATION Pondicherry University R.V. Nagar, Kalapet, Puducherry-605 014

Pondicherry University Post Graduate Diploma in Teaching Skills (Offered by School of Education)

Preamble

The purpose of Post Graduate Diploma in Teaching Skills programme is intended to give practical orientation to Graduates in various disciplines so as to enable them to become competent teachersat Higher Secondary and tertiary levels. In the absence of any professional teacher preparation programme for college teachers, this course will help in providing adequate pedagogic inputs, both theoretical and practical, required for effective teaching in the modern day context. The course is built on latest thinking on teaching and learning processes in Higher Education keeping in mind the advancements in use of Technology and at the same time not ignoring the field realities in the classroom. Although, there is an opinion that no teacher training is required for higher education teachers, this course will make any post graduate entering the teaching profession a better teacher than what he/she would have been without this course.

Objectives:

The Post Graduate Diploma in Teaching Skills is indented toenable students to:

- 01. Reflect on the context of teaching and learning in Higher Education when they enter teaching profession
- 02. Gain insight in to the processes of learning, especially at Higher Education level and able to reflect on the processes of teachingto facilitate the expected learning, students
- 03. Develop skills and competencies to teach effectively following different methodologies relevant at Higher Education level
- 04. Integrate the use of both lower order communication media as well as higher order technology based media in teaching- learning at Higher Education level.

Eligibility Criteria for admission to the P.G. Diploma in Teaching Skills:

- 1.1 Any graduate degree holder of the University or of any other university as equivalent thereto with a minimum of 50% of Marks in the aggregate or equivalent grade point for seeking admission to P.G. Diploma in Teaching Skills.
- 1.2 Reservation of seats and other concessions for the S.C., S.T., O.B.C., B.C. and other special categories of candidates notified by the government shall be in force from time to time.
- 1.3 The selection shall be based on merit decided on the aggregate of the marks or equivalent grade points in the qualifying examination.

2.0 Duration:

The course of study shall be for duration of one academic year with two semesters. There will be 80 working days per semester or 16 weeks with at least ten hours per week making a total of 160 hours per semester. The timings will be two hours in the evening generally from Monday through Friday between 5.30 pm to 7.30 pm.

3.0 Attendance

- 3.1 Each Semester shall be taken as a unit for the purpose of calculating attendance and a student shall be considered to have put in the required attendance for the Semester, if the candidate has attended not less than 70% of the number of working periods (lectures, seminars and practical taken together) during each Semester.
- 3.2 A candidate who fails to satisfy the requirement of attendance in a Semester shall repeat the course.

4.0 Scheme of Instruction

The course of the study shall comprise of the following:

| CODE | TITLE OF THE COURSE | CREDIT HOURS/ WEEK | TOTAL CREDITS/ SEM. |
|--|--|--------------------------|---------------------------|
| | FIRST SEMESTER | | |
| Theory Papers | | | |
| PGDTSEDT01F | Understanding teaching – learning process and Core Teaching Skills | 3 | 48 |
| PGDTSEDT02F | Skills of integrating technology in classroom teaching | 3 | 48 |
| Practicals | | | |
| PGDTSEDP01F | Practical: Practising Core Teaching Skills | 2 | 32 |
| PGDTSEDP02F | Practical: Integrating new media in Teaching | 2 | 32 |
| Teaching Practice-I Record Subject-I | Teaching Practice consists of 15 days/45 Hours at School or College or at PG Level of own subject of the candidate without affecting the regular evening Course. The candidate prefers either during winter vacation of the University / any 15 working Day on Saturday and submit a record with 15 proper Lesson Plan using ICT and it should be signed by the concerned subject Teacher and HOD/ Principal. | 3 | 32 |
| | SECOND SEMESTER | | |
| Theory Papers | | | |
| PGDTSEDT03S | Teaching techniques to facilitate Learning | 3 | 48 |
| PGDTSEDT04S | Skills of Ensuring Teaching Effectiveness | 3 | 48 |
| | Practicals | | |
| PGDTSEDP03S | Practical: Practicing techniques of Teaching | 2 | 32 |
| PGDTSEDP04S | Practical: Assessment/evaluation in Teaching | 2 | 32 |
| Teaching Practice-II Record Subject-II | Teaching Practice consists of 15 days/ 45 Hours at School or College or at PG Level of own subject of the candidate without affecting the regular evening Course. The candidate prefers either during winter vacation of the University / any 15 working Day on Saturday and submit a record with 15 proper Lesson Plan using ICT and it should be signed by the concerned subject Teacher and HOD/ Principal. | 3 | 32 |
| TOTAL CREDIT HOURS | | 26 | 384 |

5.0 Medium of Instruction

The medium of instruction shall be English.

6.0 Appearance for the Examination

A candidate shall apply for all the papers of the Semester when she/he appears for the examination of the semester for the first time.

7.0 Scheme of Examination

- 7.1 There shall be a University Examination at the end of each Semester.
- 7.2 The detailed scheme of Examination along with paper, titles and paper wise marks as given below:

| Code | Title of Course | Sessional (Internal) Assessment | Univ. Exam (External) | Total Marks |
|--------------------|--|------------------------------------|-----------------------------|----------------|
| | FIRST SEN | MESTER | | |
| Theory Papers | | | | |
| PGDTSEDT01F | Understanding teaching – learning process and Core Teaching Skills | 40 | 60 | 100 |
| PGDTSEDT02F | Skills of integrating technology in classroom teaching | 40 | 60 | 100 |
| Practicals | | | | |
| PGDTSEDP01F | Practical: Practising Core Teaching Skills | 25 | | 25 |
| PGDTSEDP02F | Practical: Integratingnew technology in classroom teaching | 25 | | 25 |
| | Teaching Practice -I Record (15- LP) | 100 | | 100 |
| | Total | 230 | 120 | 350 |
| | SECOND SE | MESTER | | |
| Theory Papers | | | | |
| PGDTSEDT03S | Teaching techniques to facilitate learning | 40 | 60 | 100 |
| PGDTSEDT04S | Skills of Ensuring Teaching Effectiveness | 40 | 60 | 100 |
| Practicals | | | | |
| PGDTSEDP03S | Practical: Practicing techniques of teaching | 25 | | 25 |
| PGDTSEDP04S | Practical: Assessment and Evaluation in Teaching | 25 | | 25 |
| | Teaching Practice -II Record(15 -LP) | 100 | | 100 |
| Total | | 230 | 120 | 350 |
| Grand Total | | 460 | 240 | 700 |

- 7.3 Duration of examination per theory paper of 60 marks shall be for 3 hours.
- 7.4 Every theory paper shall comprise three sections Part I, Part II and Part III with the number of questions and allotments of marks as described below.

| Section | Type of Question | Marks | Total |
|------------|-------------------------------------|--------|-------|
| Part – I | Very Short Answer (10) | 10 x 2 | 20 |
| Part – II | Short Answer (5 Questions out of 8) | 5 x 4 | 20 |
| Part – III | Essay with Internal Choice (2) | 2 x 10 | 20 |
| | TOTAL MARKS | | 60 |

8.0 Passing Minimum

- **8.1** A candidate shall be declared to have passed the theory examination if she/he secures not less than 50% in each of the sessional assessment and end semester examination of the theory papers. Similarly, the candidate shall be declared to have passed in the practical Examinations if she/he secures not less than 50% marks. The Teaching Practice will be compulsory in both the semesters(I&II)
- **8.2** A candidate shall be awarded the PG Diploma only if she/he has passed the theory and practical with minimum 50 % of marks in each course and practical component. A candidate who fails in any paper in the theory examination shall be permitted to appear again only for those paper(s) in which she/he fails. A candidate who fails in practical and passes in theory examinations shall be deemed to have failed in practical only and shall be permitted to improve her/his performance in the next attempt. Those who fail to attend the teaching Practice on-time may be permitted to complete both the spell of 15+ 15 = 30 LP and 45 + 45=90 Hours within a period of One Year without affecting the evening course or to complete the subsequent next year as an arrear and produce the detailed attendance certificate from the competent authorities to the Coordinator of the programme to clear his course completion.

9.0 Classification of successful candidates:

9.1 To declare First Class/Distinction/Rank, the aggregate of the total marks secured by a candidate in both the semesters shall be considered. All other candidates shall be placed in Second Class, as per the following table:

 $70 \le P \le 100$ Distinction

 $60 \le P \le 69$ First Class

 $50 \le P \le 59$ Second Class

Here P is the percentage of total marks secured in all the semesters of that course.

SEMESTER - I

FIRST SEMESTER THEORY PAPERS

FIRST SEMESTER Code: PGDTSEDT01F Understanding Teaching -Learning Process and Core Teaching Skills

Contact Hours: 3 per week

Objectives

After completing the course, the students will be able to

- Analyse the concept of teaching and its relationship with learning process.
- Identify the nature of learner in the classroom context.
- Enumerate the needed shifts in teaching-learning process.
- Articulate subject-related broad objectives in terms of Specific Learning Outcomes.
- Practice and demonstrate Core Teaching Skills.

Transaction Mode:

Lecture cum discussion, Group discussion, Brain storming exercise, Seminar, Demonstration

Unit I – Concept of Teaching

- Teaching as an art and science
- Relationship between Teaching and Learning.
- Analysis of the concept of Teaching Teaching as a deliberatelyplanned process: Analysis in terms of teaching skills
- General Model of instruction Pre-active, Interactive and Post active phases-Teacher's role during the above phases.

Unit II – Learner in the Present Day Context

- Four pillars of learning in the context of higher education, especially Higher Education.
- Socio-cultural background of the learner
- Psychological background of the learner
- Philosophical ideas underlying 'learning'

Unit III – Teaching in the Present-day Context

- Needed shifts in teaching
 - Knowledge acquisition and knowledge management
 - Creating meaningful and transformative learning
- Cognitive and constructivist perspectives to teaching
- Analysis of the nature of different streams of subjects- Arts, Science etc.,
- -Basic concepts of different disciplines Pedagogy.

Unit IV -Planning for teaching

- Analysis of the nature of different Subjects.
 - Basic concepts and understandings methodology of different disciplines (logical grammar of disciplines)
- Broad objectives of teaching different disciplines
- Taxonomy of educational objectives in different domains
- Skill of writing instructional objectives for different domains
- Relationship between objectives and teaching strategies
- Lesson plan- Collaborative Teaching/ Team Teaching.

Unit V - Core Teaching skills in classroom instruction

Purpose, components and use of skills in classroom teaching with specific reference to:

- Ways of introducing a topic,
- Employing effective questioning,
- Illustrating with examples,
- Making different types explanations,
- Reinforcing student responses,
- Making variations in stimulus,
- Managing classroom learning,
- Ways of closing a lesson.

Practicum:

- 1. Report on self-experience as a learner and learner expectations of theteacher
- 2. Analysis of components of effective teaching based on observations of at least two lecturers/ teachers in their concerned subject area

Internal Assessment

Practicum based assignment - 20 MarksSessional Test (one) * - 20

Marks

Total - 40 Marks

References:

Jangira N K and Ajit Singh (1982) Core Teaching Skills: The Microteaching Approach, NCERT, New Delhi.

Passi, BK (1976) Becoming better teacher Micro-Teaching Approach, Sahitya Mudranalaya, Ahmedabad.

Dale Edgar (1961) Audio-visual Methods in Teaching (Revised) Hoft, Rinehart and Winston, New York.

Das RC (1993), Educational Technology – A Basic Text, Sterling Publishers, New Delhi.

Kumar, K L (1996) Educational Technology; New Age International (P) Ltd Publishers, New Delhi.

Stating Behavioural Objectives for Classroom Instruction by NE Gronlund (MacMillan).

Crosslang G and Webb, G (2002). Supporting student learning- Case studies. Kogan page, London.

Sudheesh Kumar, P.K and Bindu C. M (2002). Instructional learning strategies and Cognitive entry behaviour; An Experimental analysis, Kanishka Publishers, New Delhi.

Sudheesh Kumar, P.K (2006). How pupils learn? Theory, Research and Practice. Kanishka Publishers, New Delhi.

Cottrell, Stella (2003). The study skills. Hand book. Palgrave Macmillan, U.S

UNESCO Learning the Treasure within: A Report of International commission on Education for the Twenty first century.

^{*} On topics self-studied by the students from the syllabus. This will not be included in the university examination.

FIRST SEMESTER

Code: PGDTSEDT02F

SKILLS OF INTEGRATING TECHNOLOGY INCLASSROOM TEACHING

Contact Hours: 3 per week

Objectives

After completing the course, the students will be able to

- 1. Analyze the communication and Media in teaching-learning
- 2. Appreciate and understand the use ICT for classroom instruction
- 3. Evaluate and Integrate the Teacher support materials for teaching
- 4. Appreciate the role of OER in Teaching and Evaluation
- 5. Appreciate the role of ICT in Teaching and Evaluation

Transaction Mode:

Lecture cum discussion, Demonstration, Lab work, Group discussion, Brain storming exercise, Seminar.

Unit I: Communication Technology

- Communication system: Nature, Scope, importance. Higher Education broadcast and non-broadcast applications Technologies and prospects.
- Communication Process: Communication Cycle, Davis Foulgar, Lass well Models of communication. Role of communication media in Classroom teaching.
- Communication and Media: Nature, Function and relationship between media and communication in classroom Teaching.

Unit II: Teachers support materials for classroom instruction

- Visual and projected materials—types: Use of Interactive/Digital Board—Salient features, Principles and requisite use in classroom teaching.
- Graphic Aids/materials types, principles of preparation and use: skill of using chalkboard
- Print materials/media: Programme learning materials: concept and basic principles of linear and branching styles
- Steps and preparation of Self Instructional Materials(SIM)
- Evaluation of media and materials for classroom teaching.

Unit III — Use of Information and Communication Technologies (ICT) in teaching-learning

ICT: Concept, origin, Evolution, Skills required, Importance, Advantages and disadvantages

Virtual learning environment

- Online teaching: Various Types of ICTs and their Applications in Teaching and Learning (Radio, Television, Internet, Multimedia, Mobile Learning)
- Multimedia in the classroom Preparation, use and evaluation of Multimedia learning packages
- Application of Computers in Education: CAI, CAL, CBT, CML, Concept and uses

Unit IV — Use of Technology in instructional Materials production and information sharing

- Concept of e- learning, Approaches to e learning (Offline, Online, Synchronous, Asynchronous, Blended learning, mobile learning)
- Open Education Resources (Creative Common, Massive Open Online Courses; Concept and application)
- Collaborative content development using ICT
 - Institutional depositary
 - Institutional website creation, maintenance and evaluation.
 - Open access publication,
 - E-Publishing
- Emerging Trends in e-learning: Social learning (concept, use of

web 2.0 tools for learning, social networking sites, blogs, chats, video conferencing, discussion forum)

Unit V - Use of Computers in Assessment of teaching effectiveness

- Use of technology in various types of assessment and evaluation
- Computerization of examinations, Online tools for student assessment (Kahoot, Google form, Quizizz)
- Learners' e-portfolio and e-rubrics
- Use of web based tools for course management

Any one of the Following

Practicum:

- 1. Design and Develop a short documentary film of your choice
- 2. Multimedia Module Development on any topic of your choice using Multimedia Software.
- 3. Visit EMMRC and submit a report on structure and function
- 4. Design and organize a discussion forum.
- 5. Design and develop an e-Rubrics for assessment
- 6. Analyze a social networking site and present the analysis in relation to learning process.

Internal Assessment

Practicum-based assignment - 20 Marks Sessional Test - 20

Marks

Total 40 Marks

REFERENCES

- Andrew M. St. Laurent. (2004). Understanding Open Source and Free Software Licensing. Oreilly: Cambridge.
- Bharihok Deepak. (2000). Fundamentals of Information Technology. Pentagon
 Press: New Delhi
- Bhatia, K. K., & Sidhu, H. S. (2001). Foundation of teaching learning process. *Ludhiyana: Tandon Publishers*.
- Bhatt, B. D., Sharma, S. R. (1992). Educational technology: concept and technique.
 New Delhi:

- Bodomo, A. B. (2010). Computer-Mediated Communication: Emerging Media and Themes. In Computer-Mediated Communication for Linguistics and Literacy: Technology and Natural Language Education (pp. 314-370). IGI Global.
- Bodomo, A. D. A. M. S., & Lee, C. A. R. M. E. N. (2002). Changing forms of language and literacy: technobabble and mobile phone communication in Hong Kong. *Literacy and numeracy studies*, 12(1), 23-44.
- Chadha Gaurav & Kumail Nafay (2002) E-Learning-An expression of the Knowledge Economy, Tata McGraw-Hills Publishing Company Limited, New Delhi.
- Collins, J., Hammond, M., Wellington, J. (2002). Teaching and Learning with Multimedia. United Kingdom: Taylor & Francis.
- Das, R.C. (1992). Educational Technology: A Basic Text. New Delhi: Sterling.
- Dececco, J.P. (1964). Educational Technology, New York: HRW.
- Educational Research and Innovation Open Educational Resources: A Catalyst for Innovation. (2015). United Kingdom: OECD Publishing.
- Emerging Trends in Digital Era Through Educational Technology. (n.d.). (n.p.):
- Gwen Solomon, Lynne Schrum. (2014). Web 2.0 How-to for Educators, Second Edition. ISTE
- Heinich, R., Molenda, M., & Russell, J. D. (1982). Instructional media and the new technologies of instruction. (*No Title*).
- Heinich, Robert, Molenda, Michael, Russell, James D. (1989). Instructional media and the new technologies of instruction. New York: Macmillan.
- Howard Pitler, Elizabeth R. Hubbell, and Matt Kuhn. (2012) Using Technology with Classroom Instruction That Works, 2nd Edition. ASCD: Denver
- Information and Communication Technologies in Education: A Curriculum for School and
- Information and Communication Technologies in Teacher Education: A Planning Guide, Handbook of UNESCO.
- Jain, Purabi. (2004). Educational technology. New Delhi: Dominant.

- Jane Hunter (2015). Technology Integration and High Possibility Classrooms:
 Building from TPACK
- Joyce, Bruce (2009). Models of teaching. New Delhi: Phi Learning.
- Kanishka. Dahiya, S.S. (2008). Educational technology: towards better teacher preference. Delhi:
- Katherine Cennamo, John Ross, Peggy Ertmer. (2013). Technology Integration for Meaningful Classroom Use: A Standards-Based Approach. Wadsworth: AU
- Kumar K.L (2005) Educational Technology New Age International Publishers, New Delhi.
- Kumari, S. (2006). Increasing role of technology in education. Delhi: Isha.
- Lee, C., &Bodomo, A. (2002). Changing forms of language and literacy: technobabble and mobile phone communication in Hong Kong. *Literacy and Numeracy Studies*, 12(1), 23-44.
 - Lulu.com.The Future of Technology Education. (2014). Senegal: Springer
- Mangal, S.K. (2002). Essentials of teaching learning and information technology.
 Ludhiyana: Tandon.
- Mayer, R. E. (2009). Multimedia Learning. United Kingdom: Cambridge University Press.
- Mishra, S., Sharma, R. C. (2005). Interactive Multimedia in Education and Training. United Kingdom: Idea Group Publication..
- Mishra.R.C.(2009) Teaching of Information Technology APH Publications Corporation, New Delhi.
- Mohanty, Jagannath (2009) Modern Trends in Educational Technology, Neelkamal Publication, Hyderabad.
- Open Educational Resources (OER) Pedagogy and Practices. (2019). United States: IGI Global/Information Science Reference.
- Pachauri, Suresh Chandra (2011). Educational technology. New Delhi: Aph Publishing.
- Programme of Teacher Development, Handbook of UNESCO.
- Rao. V. (1991). Educational Technology. Delhi: Himalayan Publishing House.

- Sampath, K Etal (1990). Educational Technology. New Delhi: Sterling.
- Semenov, A. (2005). *Information and communication technologies in schools: a handbook for teachers.* Unesco.
- Sethi, Deepa (2010). Essentials of educational technology and management. New Delhi: Jagdamba Publishing Company.
- Sharma, A.R. (2001). Educational technology. Agra: Vinod.
- Sharma. R.A. (1983). Technology of Teaching. Meerut: International.
- Shipra Publication.
- Singh, C.P. (2011). Advanced educational technology. New Delhi: Lotus Press.
- Social Learning Technologies: The Introduction of Multimedia in Education. (2018). United Kingdom: Taylor & Francis.
- Social Media in Higher Education: Case Studies, Reflections and Analysis. (2019). United Kingdom: Open Book Publishers.
- Social Media: Influences on Education. (n.d.). United States: Information Age
 Publishing, Incorporated.
- Steinmetz, R., Nahrstedt, K. (2013). Multimedia Applications. Germany: Springer Berlin Heidelberg.
- Verma, M. (2006). Online Teaching-Tools and Methods. New Delhi: Murari Lal & Delhi: Murari Lal
- Voogt Joke & Knezek Gerald (2008) International Handbook on Information
 Technology in Primary and Secondary Education, Springer Publications.
- W.J. Pelgrum and N. Law (2003). ICT in Education around the world-Trends,
 Problems and Prospects. UNESCO: Paris.
- Yadav, D. S. and Shastri, K.N. (2009). Educational technology: Delhi.

FIRST SEMESTER PRACTICALS

Paper Code: PGDTSEDP01F Practical - 1

(2 credit hours)

First semester

PRACTISING CORE TEACHING SKILLS

Practical Activities 1 to 5

Each student will practice the following basic/core teaching skills in peer teaching context.

- 1. Stimulus variation
- 2. Pausing and use of non-verbal cues
- 3. Using Chalk Board/Smart Board
- 4. Questioning and Handling student(peer) responses
- 5. Probing questions

Practical Activities 6 to 10

Each student will practice the following integrated teaching skills in peer teaching context.

- 1. Introducing the lesson
- 2. Increasing student participation in the class
- 3. Explanation
- 4. Illustrating with suitable examples
- 5. Closing the lesson

- The students will be exposed to theoretical understanding and behavioural description and observation of different components of the skill through lecture-cum-demonstrations.
- Each student will plan a short lesson on a small unit focusing on predominant use of the skill under focus.
- Each student lesson will be executed to a peer group which will be observed by peers and given feedback.
- After the feedback each student will plan a short lesson (on same or different unit) and execute. The lesson will be observed and given feedback by peers in a 'Teach- Reteach' cyclic manner.

Assessment:

| Maximum Marks | - | 75 |
|-----------------------------|---|----|
| Lesson Plan | - | 10 |
| Observation Records | - | 10 |
| Performance (for 10 skills) | - | 50 |
| Feedback | - | 5 |
| Total | | 75 |

Paper Code: PGDTSEDP02F Practical - 2 First Semester

(2 Credit Hours)

INTEGRATING NEW TECHNOLOGY IN CLASSROOM **TEACHING**

Using each of the following devices every student should practice teaching for 15 minutes

- 1. Television
- 2. Computer (Desktop/Laptop)
- 3. Projector
- 4. Smart Board

While practicing, students have to

- prepare a lesson plan where one of the above devices is used
- The plans prepared by all the students are discussed in the small group.
- The group will develop an e- Rubrics to assess the performance of the teacher.
- Each student will execute the lesson in peer teaching context.
- The performance will be observed and discussed by the group.

The above sequence of activities will be repeated with respect to each of the above-listed devices.

Thus all the students will give one lesson using each of the devices. There will be four rating scales to assess the performance of the students in integrating the devices. These rating scales will be prepared by the group. These rating scales will be used for observation and feedback.

The performance of the students will be followed by feedback from the students and teacher using the rating scale.

Total marks for practical 75 (15 marks for each device) **Planning** 10 (2 marks for each device) Role in the preparation in rating scale -10 (2 marks for each device) Performance 50 (10 marks for each device) Feedback 5 (1 mark for each device)

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Teaching Practice -I

Teaching Practice-I consists of 15 days/ 45 Hours at School or College or at PG Level of own subject of the candidate without affecting the regular evening Course but the same subject should not reflect the Teaching Practice -II

The candidate prefers either during winter vacation of the University / any 15 working Day on Saturday and submit a record with 15 proper Lesson Plan using ICT and it should be signed by the concerned subject Teacher and HOD/ Principal.

SEMESTER - II

SECOND SEMESTER THEORY PAPERS

SECOND SEMESTER

Code: PGDTSEDT03S

Teaching Techniques to Facilitate Learning

Contact Hours: 3 per week

Objectives

After completing the course, the students will be able to

- 1. Understand how information processing takes place in the learner andwhat strategies are to be employed by the teacher for the same
- 2. Understand the place, purpose and basic skills involved in different techniques of facilitating learning
- 3. Perform effectively different techniques of facilitating learning in large group and small group contexts
- 4. Help students use effectively different techniques of reflective practices.

Transaction Mode:

Lecture cum discussion, Group discussion, Brainstorming exercise, Seminar, Simulated practice by students, assignments.

Unit I – Approaches to Enhancing Information Processing

- Information processing Meaning, model and relevance in effectivelearning.
- Gagne's events of instruction
- Strategies for information processing outcomes Process skills and content; kinds of process skills observation and inference, generalizing, prediction, explanation and hypothesizing; kinds of content facts, concepts and generalization.
- Information processing models of teaching Ausubel, Conceptattainment, inductive thinking

Unit II – Techniques of teaching-learning – Large group

- Lecturing
 - Place in Higher Education
 - Purposes served
 - Basic skills
 - Evaluation of Effectiveness
- Demonstration
 - Place in Higher Education
 - Purposes served
 - Basic skills
 - Evaluation of Effectiveness
- Video conferencing
 - Method of organizing
 - Advantages and disadvantages as a teaching-learning process
- Use of Audio-Visual Aids
 - Importance
 - General Principles of use
 - Advantages and disadvantages

Unit III - Techniques of teaching-learning - Small Group

Importance, Skills of using, Evaluation of Effectiveness of the following:

- Group discussion
- Collaborative learning
- Seminar
- Debate
- Group investigation
- Roleplay

Unit IV – Facilitating Reflection Practice / Study Skills

Importance, Methods of Organizing the following techniques in the classroom:

- Brainstorming
- Dialogue
- Critical reading
- Journal writing
- Portfolio writing
- Meta Cognition as a technique of reflection

- Study Skills
 - -Types
 - -Development of- relevance of behaviour modification techniques

Unit V – Promoting social identity

- Meaning and importance in learning and Techniques of fostering
 - Self-concept
 - Self-esteem
 - Self-efficacy

Practicum:

Compulsory

1. Maintaining a reflective journal

Any one of the following

- 2. Critical evaluation of at least one lecture given by any Faculty memberat Higher Education level
- 3. Conducting discussion/demonstration class in simulation and writing are port on the experiences perceived

Internal Assessment

Practicum-based assignment - 20 MarksSessional Test - 20 Marks

Total - 40 Marks

^{*} On topics self-studied by the students from the syllabus. This will not be included in the university examination.

References:

Schon, D.A.(1996). Educating the reflective practitioner: Toward a new design for teaching and learning in the professions. San Francisco: Jossey-Bass, Inc.

Weiss, E.M.& Weiss, S.G. (1998). New directions in teacher evaluation. Washington, DC: ERIC Digest, ERIC Clearinghouse on Teaching and Teacher Education, AACTE.

Joyce B and Weil M: Models of Teaching, Prentice Hall of India, (5th Edition), New Delhi.

Delamater, John.(2003). Handbook of Social psychology. Spinger. Meyers, D.G., Social Psychology. Tata-Megraw Hill. VIII Edition.

SECOND SEMESTER Code: PGDTSEDT04S

Skills of Ensuring Teaching Effectiveness

Objectives:

At the end of the course the students will be able to

- 1. Understand the need of assessment for learning at higher education
- 2. Understand what should be assessed on learning
- 3. Develop the skills of assessing student learning
- 4. Use and interpret data on student learning for improving effectiveness of teaching

Unit I: Teaching Effectiveness and Assessment of Learning

- Concept and criteria for assessing teaching effectiveness
- Assessment for learning and assessment of learning; relativements and demerits
- Assessment of different types of content Achievement, Performance, Values, Attitude and Aptitude.
- Assessment for different purposes Placement, Diagnosisand Grading
- Perspectives in assessment Behaviorist, Constructivist

Unit 2: Assessment of learning

- Classroom Assessment Techniques (CAT) tests, viva, written and performance
- Portfolio writing and their assessment of students' learning
- Assessment of attitude, interest and values techniques /tools.
- Self-reporting techniques/ Experience sharing by students as assessment technique of learning

Unit 3: Assessment for learning

- Assessing teaching using observation schedules
- Student evaluation of teaching student's ratings of teachingeffectiveness, dimensions and problems
- Use of test data placement, promotion, grouping, diagnosis andremediation.
- Self-reporting techniques/Reflection as assessment technique forlearning.
- Interview and focus group discussion

Unit 4: Preparation of Assessing Tools

- Steps for preparation of achievement test Blue print, objectivewise, characteristics of good items
- Preparation of Multiple choice questions, Multiple response questions
- Preparation of Essay Type Question paper
- Question bank Preparation and use
- Interpretation of performance scheme of assessment and marking

Unit 5: Reforms in assessment and Examination

- Marking and grading systems
- Assessment of Mastery learning
- Question bank
- Use of computers in assessment
- Management of examinations
- Continuous and Comprehensive assessment

Practicum:

- 1. Preparation of items for development of a tool for assessment.
- 2. Critical Evaluation of current practices of assessment a report

Internal Assessment

Practicum based assignment - 20 MarksSessional Test - 20

Marks

Total - 40 Marks

References:

Brown, S. et.al. (1999). Computer assisted assessment in Higher education. Kogan page, London.

Watkins Chris, Carnaell Eileen and Caroline Lodge (2007). Effective learning in classrooms. Paul Chapman publishing, London.

Boud David (1995). Enhancing learning through self assessment. Kogan page, London.

^{*} On topics self-studied by the students from the syllabus. This will not be included in the university examination.

SECOND SEMESTER PRACTICALS

Paper Code: PGDTSEDP03S Practical - 1 Second Semester

(2 credit hours)

PRACTISING TECHNIQUES OF TEACHING

Each student has to practice the following teaching techniques in a simulated environment.

Teaching techniques:

- 1. Lecture
- 2. Discussion
- 3. Panel discussion
- 4. Brainstorming
- 5. Problem solving
- 6. Concept attainment
- 7. Inquiry training
- 8. Inductive thinking
- 9. Socratic method
- 10. Critical pedagogy
- Each student will be exposed to theoretical understanding and behavioural description and observation of different components of the technique through lecture-cum-demonstrations.
- Each student will plan a short lesson for 15 minutes on a small unit
- The plan for the lesson should be made in the form of a record.
- Each student lesson will be executed to a peer group
- The lesson will be observed by peers and the teacher followed by feedback.
- This sequence will be made for each of the above listed techniques All the students will give one lesson in each of the above techniques

Total Marks - 75 Lesson Plan - 15 Performance - 50 Feedback - 10

Paper Code: PGDTSEDP04S

Practical - 2

(2 credit hours)

Second Semester

ASSESSMENT AND EVALUATION IN TEACHING

Part - 1

Each student will practice the portfolio assessment technique (PAT) to evaluate their own core teaching competencies. Every student will get anorientation for practicing PAT in classrooms. The following teaching competencies will be assessed using PAT:

- 1. Lecturing
- 2. Use of teaching aids
- 3. Introducing lesson
- 4. Explaining
- 5. Closing lesson

Based on the bi-dimensional (by peer and supervisor) assessment reports, the candidate will be preparing self-assessment portfolio. The assessment reports from peer and supervisor along with self-assessment report should be submitted as a record. This record will be evaluated by the supervisor.

Based on the portfolio assessment techniques the student have to plan for one more class for length of 10 minutes. This class also will be subject to PAT.

Part - 2

As the second part of practical each student should practice the following assessment related activities.

- 1. Preparations of a question paper
- 2. Preparation and use of a marking scheme
- 3. preparations of multiple choice questions paper

Each student has to prepare all the above 3 activities individually. This should be documented in the form of record.

The prepared materials should be presented in small groups for getting feedback.

| Total marks | - | 75 |
|---|---|----|
| Portfolio writing (2 records 10 + 10) | - | 20 |
| Practice-based on Portfolio Assessment | - | 20 |
| Preparations of exams related materials | - | 30 |
| Small group presentations | - | 5 |

Based on the Bi-dimensional (by peer and supervisor) assessment reports the candidate will be preparing self-assessment portfolio. The assignment reports from peer and supervision along with self-assessment report should be submitted as a record. This record will be evaluated by the supervisor.

Based on the portfolio assessment techniques the students have to plan for one more class for length of 10 minutes. This class also will be subject to PAT.

Teaching Practice -II

Teaching Practice-II consists of 15 days/ 45 Hours at School or College or at PG Level of own subject of the candidate without affecting the regular evening Course but the same subject should not reflect the Teaching Practice -I

The candidate prefers either during winter vacation of the University / any 15 working Day on Saturday and submit a record with 15 proper Lesson Plan using ICT and it should be signed by the concerned subject Teacher and HOD/ Principal.