**Bachelor of Education (B.Ed. ID)**

**Title of the Course: Applied Behaviour Analysis**

**(Semester: IV )**

**Credits: 2**

**MM: 50 (External: 35 ; Internal: 15)**

**Contact Weeks: 15**

**Introduction of the Course**

**This course will develop an understanding among student-teachers about dealing of challenging & Mal-adaptive behaviour in CwID. It will enhance the skill of assessing a behaviour and accordingly applying relevant technique to cater the challenging behaviour.**

**Learning Outcomes**

After completion of the course student will be able to:

* Develop and understanding of the underlying principles and assumptions of applied behavioural analysis
* Use various measures of behavioural assessment • Apply methods of ABA in teaching and learning environments
* Integrate techniques of ABA in teaching programs
* Select suitable strategies for managing challenging behaviours

**Unit I: Introduction to Applied Behaviour Analysis (ABA)** (8 hours)

* 1. Principles of Behavioural Approach
  2. ABA - Concept and definition
  3. Assumptions of ABA – Classical and Operant Conditioning
  4. Behaviour- definition and feature
  5. Assessment of Behaviour -Functional Analysis of Behaviour, Behaviour Recording Systems

**Unit 2: Strategies of Positive Behaviour Support** (12 hours)

2.1 Selection of behavioural goals

2.2 Reinforcement

- Types :Positive and Negative,Primary and Secondary

-Schedules: Continuous,Fixed ratio,Fixed interval,Variable ratio, Variable interval

2.3 Discrete Trial Teaching

-Discriminative stimulus -characteristics

-Response

-Types of Prompts: Physical,Gestural, Pointing ,Visual,Positional,Verbal

-Consequence -characteristics

-Inter-trial interval

2.4 Application of ABA in Group Setting

-Negotiation and Contract

-Token Economy

-Response Cost

-Pairing & Fading

2.5 Leadership role of teacher in promoting positive behavior

**Unit 3: Management of Challenging Behaviour (10 hours)**

3.1 Differential reinforcements of behaviour

3.2 Extinction and Time out

3.3 Response cost and overcorrection

3.4 Maintenance

3.5 Generalization and fading

**Practicum/ Suggested Projects / Assignments (Any Two)**

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| Conduct a functional analysis of behaviour of a given case and submit report.  Develop and submit an ABA program for management of a challenging behaviour.  Develop teaching material for Discrete Trial Teaching/Pivotal Response Training. |

**Essential/ Recommended Readings**

* Bailey, J., & Burch, M. (2011). Ethics for Behaviour Analysts. Routledge, New York.
* Cooper, J.O., Timothy, E.H., & Heward, W.L. (2007). Applied Behaviour Analysis. Pearson Publications.
* Fisher, W.W., Piazza, C.C., & Roane, H.S. (2013). Handbook of Applied Behaviour Analysis. Guilford Press, New York.
* Kearney, A. J. (2007). Understanding Applied Behaviour Analysis: An Introduction to ABA for Parents, Teachers and Other Professionals. Jessica Kingsley, Philadelphia.
* Lewis, P. (2006). Achieving Best Behaviour for Children with Developmental Disabilities. Jessica Kingsley Publishers London

**Additional Readings**

• Aune, B., Burt, B., & Gennaro, P. (2013). Behaviour Solutions for the Inclusive Classroom. Future Horizons Inc, Texas.

• Moyes, R.A. (2002). Addressing the Challenging Behaviour of Children with HFA/AS in the Classroom. Jessica Kingsley Publishers London.

**Teaching Learning Process**

The course will be taught through interactive pedagogic methods such as classroom discussion, debates, film discussions, critical media analysis, collaborative learning tasks which enhance reading comprehension of core writings in the area and innovative projects. Reflective expression and learning will be encouraged.

**Key words : Behaviour,Reinforcement,Adaptive, Functional analysis**