

Module 1-3

Orientation to the course and modern concepts of learning

The concept, models and implementations of e-learning

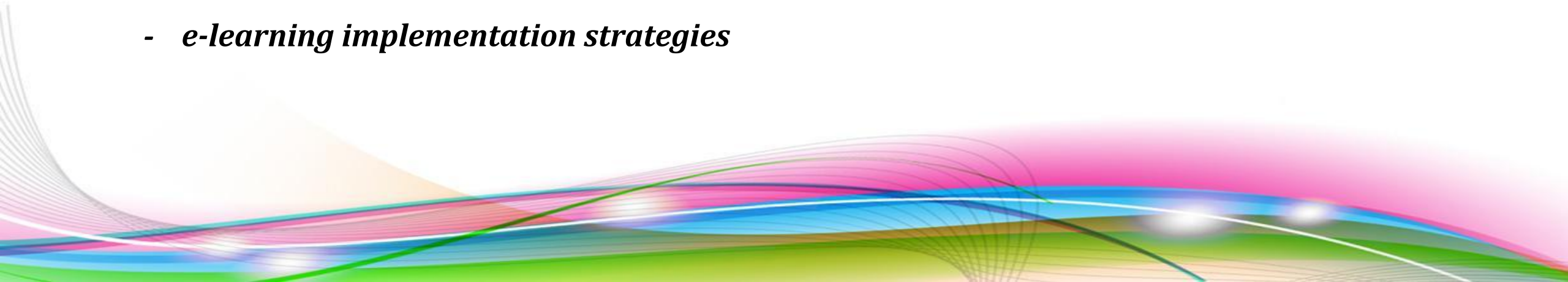




Topics of the Session



- *concept of e-learning*
- *benefits of e-learning*
- *limitations of e-learning*
- *e-learning strategies*
- *types of e-learning*
- *e-learning implementation strategies*

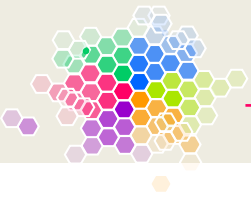




Learning Objectives



- ***Objective 1: Learners will be introduced to the concept of e-learning***
- ***Objective 2: Learners will be introduced to the benefits of e-learning***
- ***Objective 3: Learners will be introduced to the limitations of e-learning***
- ***Objective 4: Learners will become familiar with e-learning strategies***
- ***Objective 5: Learners will become familiar with models and types of e-learning***
- ***Objective 6: Learners will become familiar with e-learning implementation strategies***



Concept of e-learning



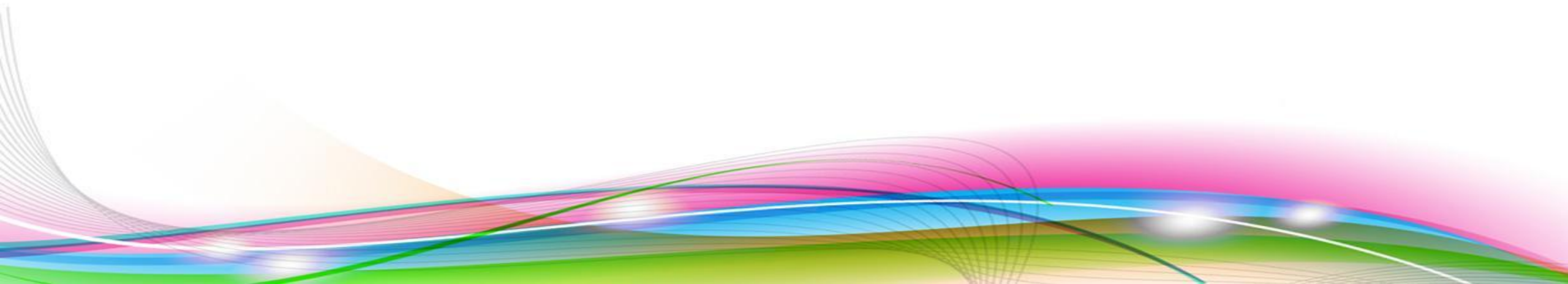
- **E-learning is a new form of learning that has opened its place in education**
- **This form of education has its own characteristics and coordinates that makes it an independent identity while being related to other forms of education.**
- **Technology-based e-learning encompasses the use of the internet and other important technologies to produce materials for learning, teach learners, and also regulate courses in an organization (Fry, 2001)**
- **E-learning as a concept covers a range of applications, learning methods and processes (Rossi, 2009).**
- **It is therefore difficult to find a commonly accepted definition for the term e-learning, and according to Oblinger and Hawkins (2005)**



Concept of e-learning

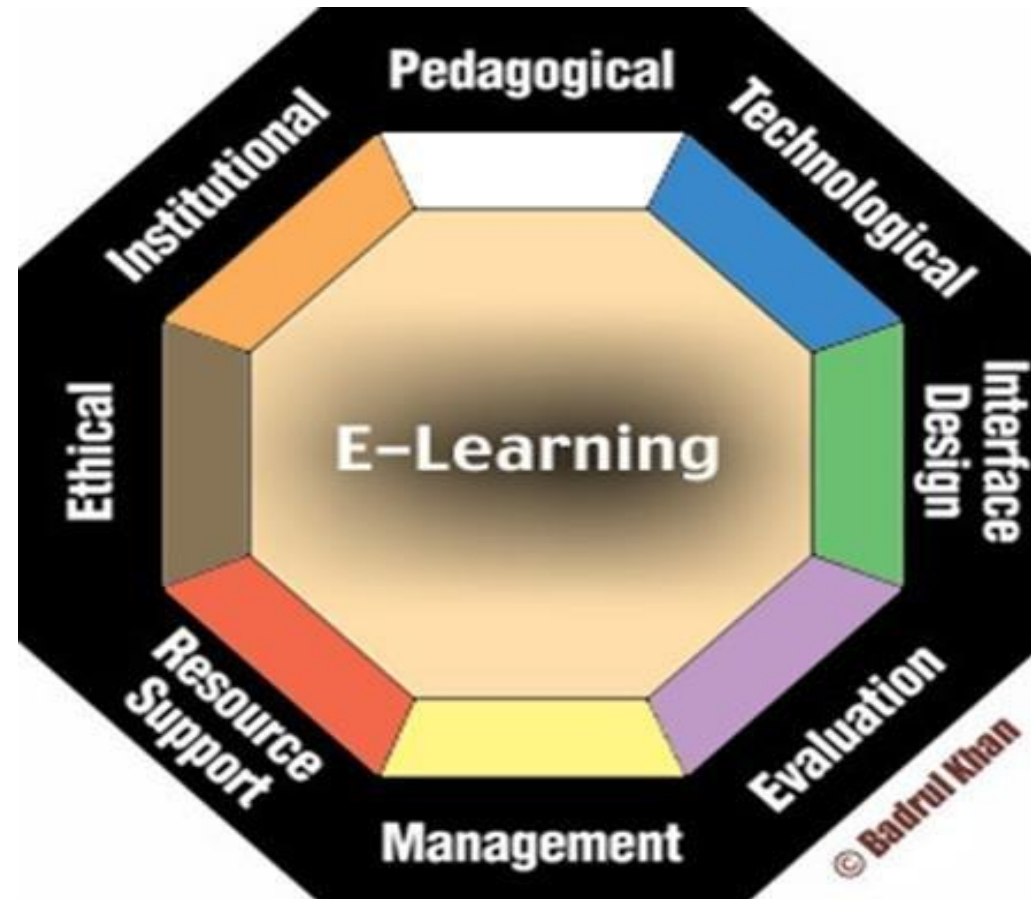


- **In some definitions e-Learning encompasses more than just the offering of wholly on-line courses. For instance Oblinger and Hawkins (2005) noted that e-Learning has transformed from a fully-online course to using technology to deliver part or all of a course independent of permanent time and place.**
- **European commission definition: the use of new. multimedia technologies and the Internet to improve the quality of learning by facilitating access to. resources and services as well as remote exchange and collaboration” (Reding, 2003).**





A framework for e-learning



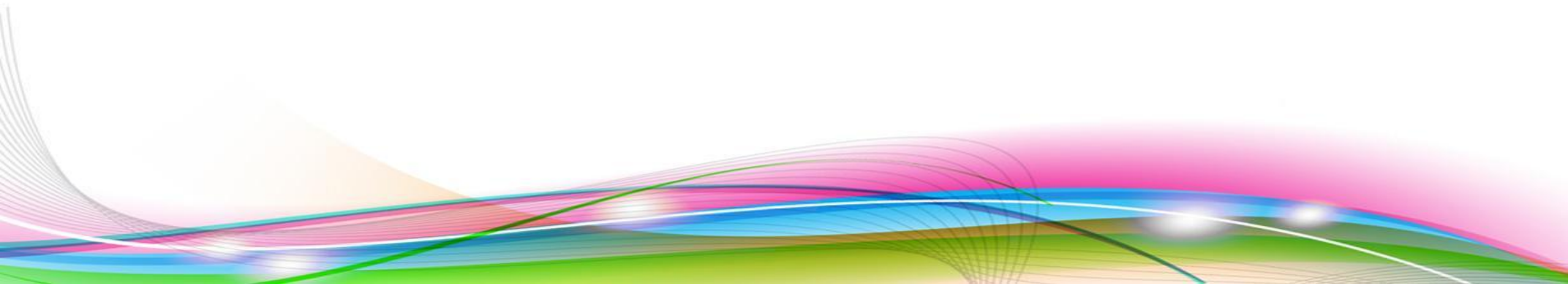
Khan(2001)



Benefits of e-learning



- **E-learning Fully adjust to Your Needs**
- **Reduced Cost**
- **Remote Approach To Various Classes**
- **Instant Career Advancement**
- **Quick Delivery**
- **Consistency & Teacher Scarcity**
- **E-learning Offers Personalization**
- **E-learning Fully Utilizes Analytics**

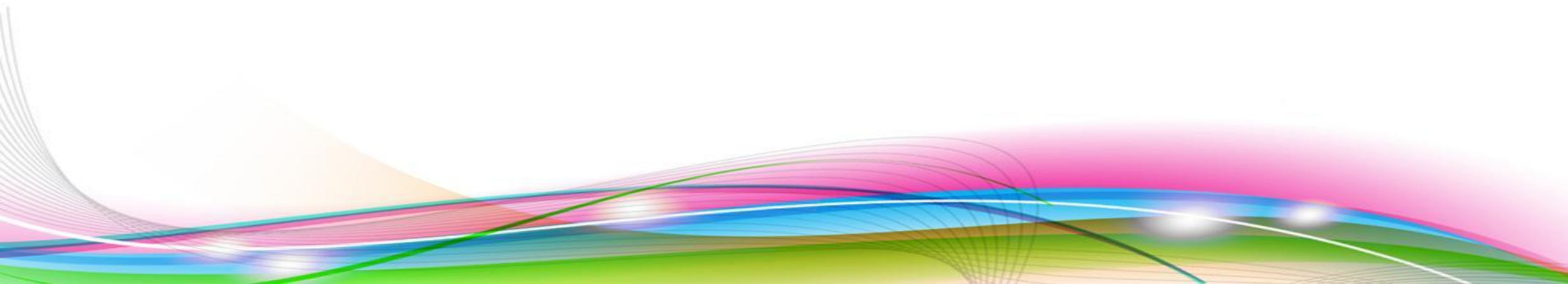




Benefits of e-learning for learners



- **Lectures Can Be Taken Any Number Of Times**
- **Makes A Positive Impact On The Learner**
- **Longer Knowledge Retention**
- **Flexible Learning Environment**
- **Easy Communication And Improved Teamwork**
- **Makes Learning Stress-free**

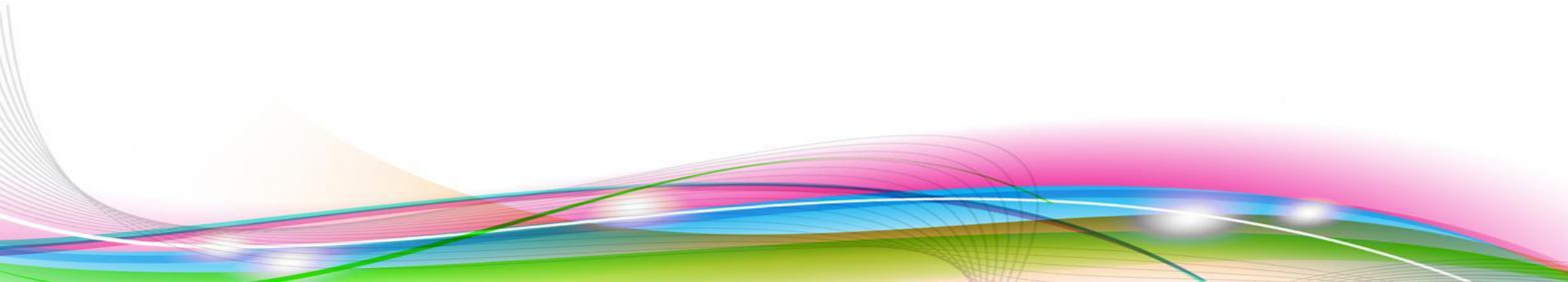




Benefits of e-learning for Disabled Students



- **For Learning Disabilities**
- **For Physical Disabilities**
- **For Visual Impairments**
- **For Hearing Impairments**
- **For Psychiatric Disabilities**

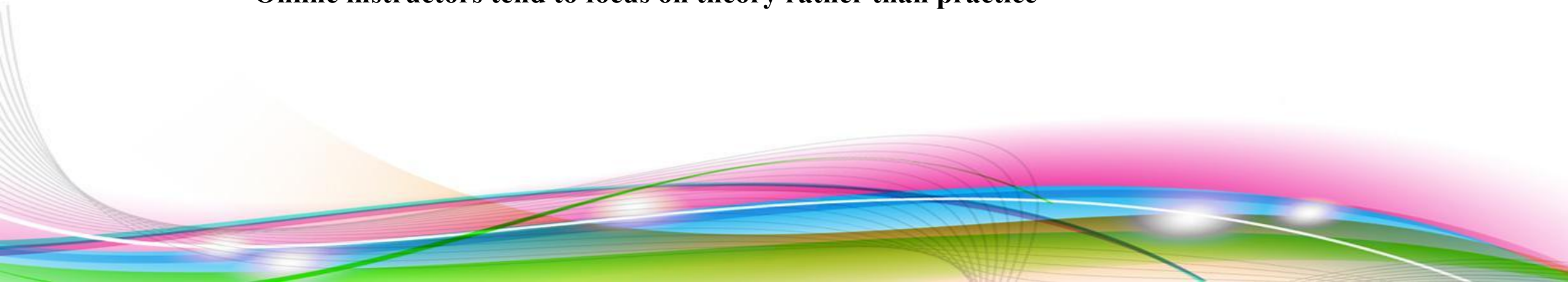




Challenges of e-learning



- **Online student feedback is limited**
- **E-Learning can cause social Isolation**
- **E-Learning requires strong self-motivation and time management skills**
- **Cheating prevention during online assessments is complicated**
- **Online instructors tend to focus on theory rather than practice**

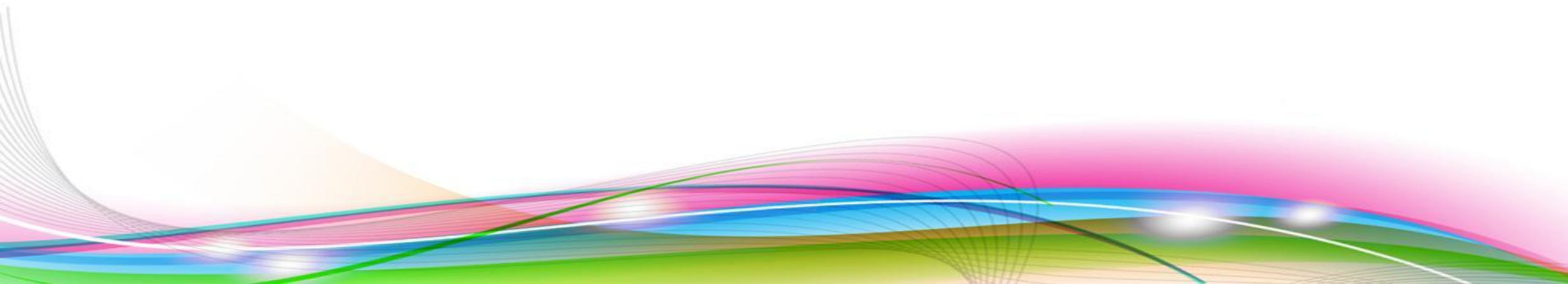




Challenges of e-learning

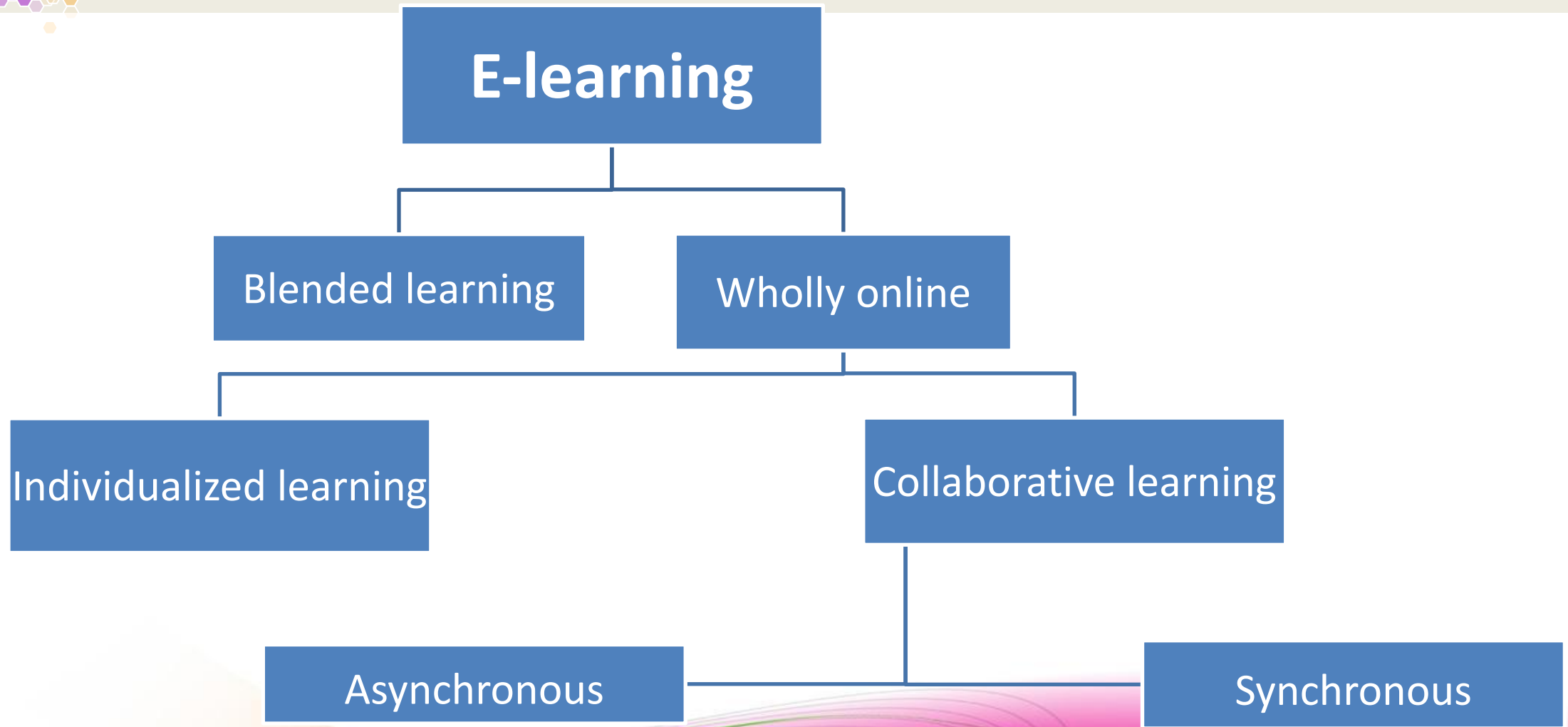


- **E-Learning is limited to certain disciplines**
- **Online learning is inaccessible to the computer illiterate population**
- **Lack of accreditation & quality assurance in online education**





Types of e-learning

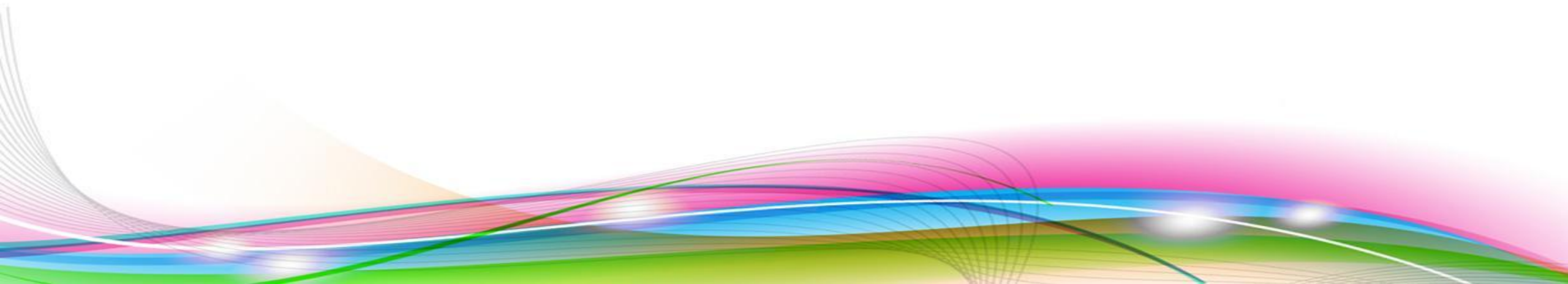




Rest types of e-learning

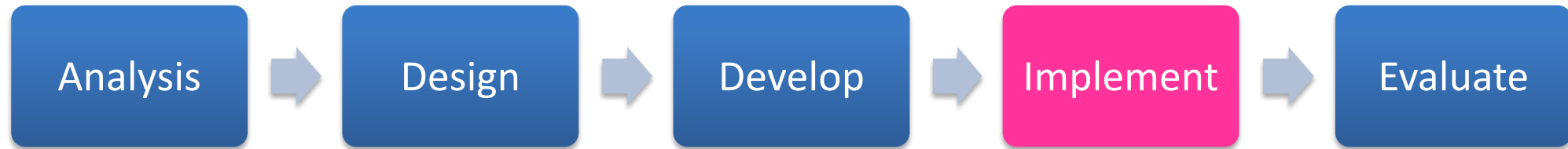


- **Adaptive E-Learning**
- **Linear E-Learning**
- **Interactive Online Learning**
- **Individual Online Learning**





E-learning process





Implementing a Successful E-Learning Solution

Step 1: PREPARE

- Research the technology
- Identify the need
- Identify barriers and potential resistance
- Create and communicate a common vision
- Draw up a clear action plan

Step 2: IMPLEMENT

- Execute the plan
- Train and coach
- Motivate the team
- Communicate to all parties
- Lead by example and support the change

Step 3: REVIEW & SUSTAIN

- Regular feedback and review
- Communicate and celebrate success
- Identify opportunities for further improvement



:Key Factors for Successful e-learning Implementation



- **Clear, Measurable Objectives**
- **LMS Implementation Plan**
- **Team Leaders and Dates**
- **Quality Standards**
- **Risk Management Guidelines**
- **Training Timetable**
- **Communication and Promotion Strategy**
- **Success Metrics**





LMS Implementation Plan



Your plan should at least consider:

- Server and data base architecture;
- Applications to be installed;
- Safety and backup plan;
- Disaster-recovery plan;
- Server maintenance plan;
- Server resource monitoring;
- Software type and versions to be installed;
- Server bandwidth and bandwidth among nodes;
- Support plan for final users;
- Infrastructure scaling plan, etc.



With thanks for your attention