**Table 1.2.** Felder – Silverman learning style dimentions and learning preferences

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| --- | --- |
| *How a learner prefers to process information* | |
| Active | Reflective |
| refer to try things out, working with others in groups; learn by doing something with information; prefer to process information by talking about it | prefer thinking things through, working alone or with familiar partner; learn by thinking about information; prefer to understand things before acting |
| *How a learner prefers to take information* | |
| Sensing | Intuitive |
| concrete thinking, practical, concerns with facts and procedures; oriented towards details, facts and figures, prefer to use proven procedures; learners are realistic and like practical applications | conceptual thinking, innovative, concerned with theories and meanings; prefer to take information that is abstract, original; they look at the big picture and try to grasp overall patterns; like discovering possibilities and relationships and working with ideas |
| *How a learner prefers to information to be presented* | |
| Visual | Verbal |
| prefer visual representations, pictures, diagrams, flow charts | Prefer explanations with words – both written and verbal |
| *How a learner prefers to organize information* | |
| Sequential | Global |
| Prefer linear thinking, orderly, learns in small incremental steps; learn in logically sequenced steps and work with information in organized and systematic way; learns best with step by step explanations | System thinkers, prefer holistic thinking and toorganiza information more holistically and in a seemingly random manner without seeing connections; learns in large leaps; often appear scattered and disorganized in their thinking yeat often arrive at a creative or correct end product |