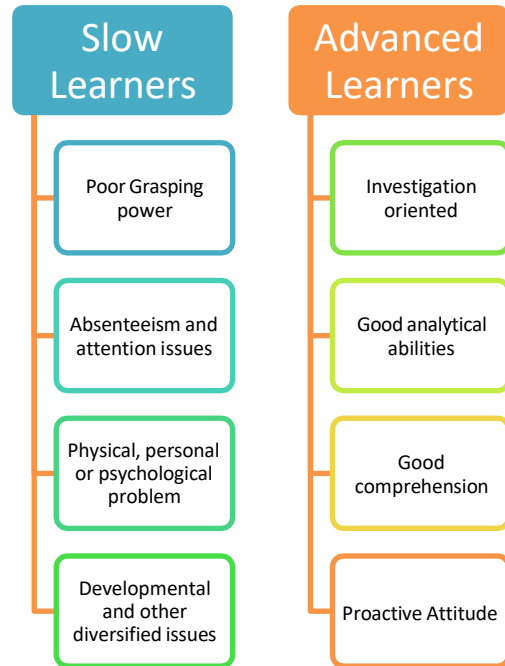
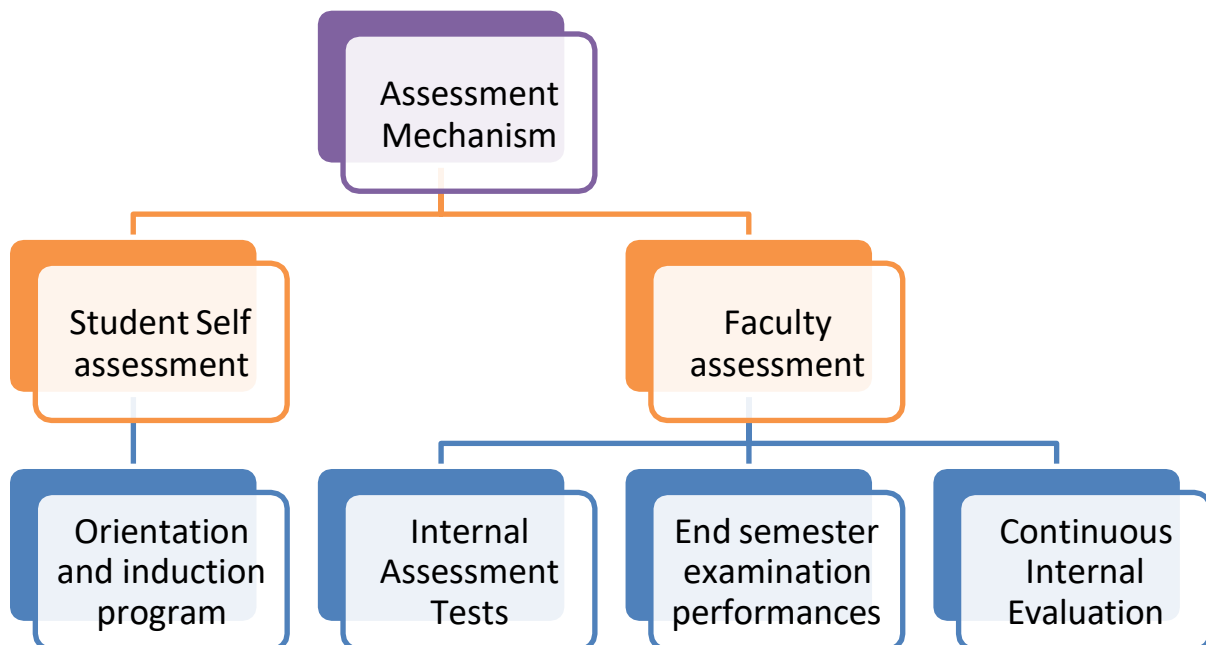


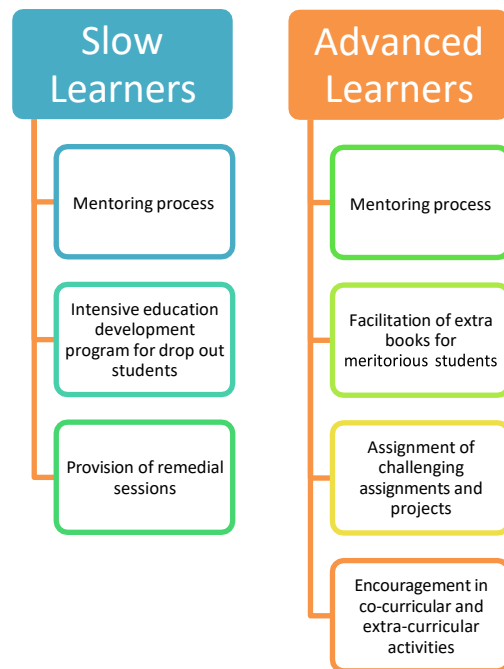
**Identification criteria for Slow and Advance Learners:**



**Assessment Mechanism of Learners:**



**Action Plan / Programs for slow and advanced learners:**



At Vidyalankar Institute of Technology, **Students' Performance Evaluation Policy** is in place. The objective of this policy is to devise a structured mechanism to

- Identify Learning Levels of the Students
- Implement the Action plan for Slow Learners and Advanced learners with the Objective to improve Students' Academic Performance
- Monitor and Evaluate the effectiveness of the Plan

**Process set for Identification of Slow, General, and Advanced Learners at VIT**

- During the Teaching & Learning process (in Classroom and Laboratories) and through the student mentoring process, the faculty classifies students as Advanced, Mid and Slow learners.
- The Teacher and the Faculty mentor together analyse the learning abilities of Students/ Mentees based on the indicators such as academic performance and also behavioural, psychological and social aspects. To ensure that identification of the Slow, Mid and Advanced Learners is carried out properly, the mentors also continuously interact with the respective Class teacher.

**A) Slow Learners** are generally characterized as students with superficial learning abilities, poor / slow grasping power, more absenteeism, with attention issues, sometimes with physical, personal and psychological problems and other developmental and diversified issues.

Characteristics of SLOW Learners	Action Plan for Improvement
<ul style="list-style-type: none"> <li>Physical and Psychological problems – motor, visual, general coordination, attention deficits, emotional instability, low self-esteem, time and action disorganisation</li> <li>Social – poor judgement, immature social behaviour, poor concentration</li> <li>Personal – frustration, aggression, anxiety</li> <li>Academic – poor memory, difficulty in comprehension</li> <li>Developmental issues – immature language pattern, speech / hearing issues</li> <li>Poor attendance / Reluctance to learn / diversified interest</li> <li>Weak or ill interest in studies</li> <li>Biased with unknown philosophies / Paranoia</li> </ul>	<ul style="list-style-type: none"> <li>Making the learning process fun, easy to understand and comfortable</li> <li>Thorough counselling and mentoring process</li> <li>Repeating the difficult concepts time to time so that it is well understood by the slow learner</li> <li>Conducting target oriented intensive sessions at institute instead of traditional classroom teaching</li> <li>Remedial problem solving sessions</li> <li>Light relevant homework for confidence boosting</li> <li>Adoption of specific required reading techniques</li> <li>Providing short and specific direction to students to bring them to level of middle learners</li> <li>Providing extra care during individual based, customized practice session for critical courses</li> <li>Parent, tutor and teacher aide program</li> </ul>

**B) General Learners** are generally more strategic and achievement oriented. More number of students in class falls under this category. With little motivation they excel to the level of advance learners.

Characteristics of General Learners	Action Plan for Improvement
<ul style="list-style-type: none"> <li>With 'do and get' oriented approach</li> <li>Decent grade achievers</li> <li>Participate in learning and complete assigned tasks in routine way</li> <li>Limited learning expectation and tendencies</li> <li>Not have very high aims and aspirations</li> </ul>	<ul style="list-style-type: none"> <li>Motivating and encourage for extra and advanced activity participation</li> <li>Grouping them with advanced learner for better interaction and development</li> <li>Mentoring mechanism for excellence</li> <li>Extra problem solving practice &amp; good rehearsals</li> <li>Showing them superior side of course &amp; help to set superior goals instead of mediocre targets</li> <li>Increasing aspirations and hope in students</li> </ul>

**C) Advanced Learners** are characterized as students with meaningful and deep investigation-oriented approach and analytical abilities, good comprehension. They have a core desire to excel. Such students have a proactive attitude towards gaining knowledge in various fields and facing challenges.

Characteristics of ADVANCED Learners	Action Plan for Improvement
<ul style="list-style-type: none"> <li>• Very alert and proficient</li> <li>• Rapid learning ability and excellent memory</li> <li>• Advanced comprehension and abstract ideas</li> <li>• Enjoy solving problems</li> <li>• Self-taught reading and writing skills</li> <li>• Abstract thinking, logical &amp; insightful</li> <li>• Idealism and have sense of justice</li> <li>• Concerned with social issues</li> <li>• Longer attention and intense concentration</li> <li>• Pre-occupied with own thoughts and ideas</li> <li>• High interest in experimentation and doing things differently</li> <li>• Keen and unusual sense of humour</li> <li>• Desire to organize, manage &amp; complete tasks</li> <li>• Vivid imagination &amp; out of the box thinking</li> </ul>	<ul style="list-style-type: none"> <li>• Continuously inspiring and encouraging</li> <li>• Allowing more choices and offer challenges</li> <li>• Providing sufficient &amp; extra platform for resources</li> <li>• Teaching with more creativity</li> <li>• Building professional &amp; productive mind-set by giving real life and real time cases and problems</li> <li>• Motivating so that they develop to think differently and act on unusual problems</li> <li>• Encouraging self-assessments</li> <li>• Thorough counselling and mentoring</li> <li>• Concentrative approach to make them distinguished merit holders in university</li> <li>• Encouraging to participate in co-curricular, extra-curricular and other sport activities</li> <li>• Encouraging to participate in international events</li> </ul>

**Snapshots of Faculty Course Diary:**

**Vision**

To be a globally recognized institute where learners are nurtured in a scholarly environment to evolve into competent professionals and researchers to benefit society

**Mission**

- Evolve a curriculum which emphasizes on strong fundamentals with the flexibility to choose advanced courses of interest and gain exposure to tools and techniques in contemporary subjects.
- Encourage a teaching-learning process in which highly competent faculty share a symbiotic association with the institutes of repute.
- Facilitate creation and dissemination of knowledge through a digitally-enabled learning environment.
- Develop academic and infrastructural facilities with modern equipment and other learning resources and encourage reciprocal sharing with other institutes through networking.
- Establish a centre of excellence to enhance academia – industry partnership and work on collaborative projects.

<b>Academic Year</b>	2021-2022	<b>Semester</b>	ODD (July -December)
<b>Name</b>	Vaibhav C. Kshirsagar		
<b>Designation</b>	Assistant Professor		
<b>Course</b>	Microwave Engineering (EXTC)		
<b>Department</b>			

Table No.	Content	Page No.
<b>1.0</b>	<b>General Information</b>	<b>1</b>
1.1	Departmental Vision, Mission, PEOs, POs, and PSOs	1
1.2	General guidelines for main academic activities for the semester	3
1.3	Faculty-wise Distribution of all Lecture-Practical-Tutorial hours for the Course	4
1.4	Recommendations from Cluster Mentor (based on analysis of earlier MU question papers)	4
1.5	Recommendation of Cluster Mentor, External Industry & Academic Mentor / BSA Table	4
<b>2.0</b>	<b>Assessment and Evaluation</b>	<b>6</b>
2.1	Internal Assessment (IA) test / weekly tests & all other test evaluation statistics	6
2.2	Assignment Evaluation Statistics	6
2.3	Elaborate the efforts taken to ensure performance improvement of failed students	6
2.4	List of students who would probably fail in the semester examination - with reasons	7
2.5	List of the students who would probably excel in semester examination - with reasons	7
2.6	Assessment of learning level of students – Process set for identification of slow, middle and advanced learners at VIT – Their characteristics and action plan for performance improvement	8
2.7	List of the Students Identified as Slow Learners with Indicators	9
2.8	List of the Students Identified as Advanced Learners with Indicators	9
<b>3.0</b>	<b>Innovative Teaching Methodology Usage</b>	<b>10</b>
3.1	Application of Bloom's Taxonomy to achieve PSO	10
3.2	Application of Dee Fink's Taxonomy of Significant Learning to achieve PSO	10
3.3	Student Centric Teaching Methodologies – Experiential, Participative, Problem solving based	10
3.4	Advantages of student centric teaching methodologies	11
3.5	Experiential Learning by students during the course	11
3.6	Participative Learning by students during the course	11
3.7	Problem Solving Based learning during the course	11
3.8	Innovative or creative teaching	12
3.9	Necessity of Innovative or creative teaching methods	12
3.10	Innovative / Creative teaching styles	12
<b>4.0</b>	<b>Audits</b>	<b>13</b>
4.1	Academic Preparedness (Preview)	13
4.2	Suggestions for your successor who will teach this course afterward	14
4.3	V-Refer Updation	15
4.4	Academic Performance Analysis (Faculty Academic Review)	15
4.5	Date of Submission of Course Diary / HoD's comment on course diary & faculty performance	16
	Guidelines for submission and storage of course diary at the end of the semester – Back Cover Page	

**2.7**

**List of the Students Identified as Slow Learners with Indicators**

Roll No.	Name	Indicators	Remedial Measure that have been undertaken
18104B0060	Aryan Gupta	Poor attendance and negligence in class attendance	Informed to personal mentor
18104A0002	Devesh Savkhande	Poor attendance and negligence in class attendance	Informed to personal mentor and counselled the student personally
18104B00046	Shubham Mangaonkar	Poor attendance and negligence in class attendance	Informed to personal mentor and counselled the student personally

**2.8**

**List of the Students Identified as Advanced Learners with Indicators**

Roll No.	Name	Indicators	Special measures taken to boost the score
18104A0038	Prajwal Sapkale	Attentive and up to date submission of all assignments and excellent performances in tests	Motivated and encouraged