1.1.1: The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment
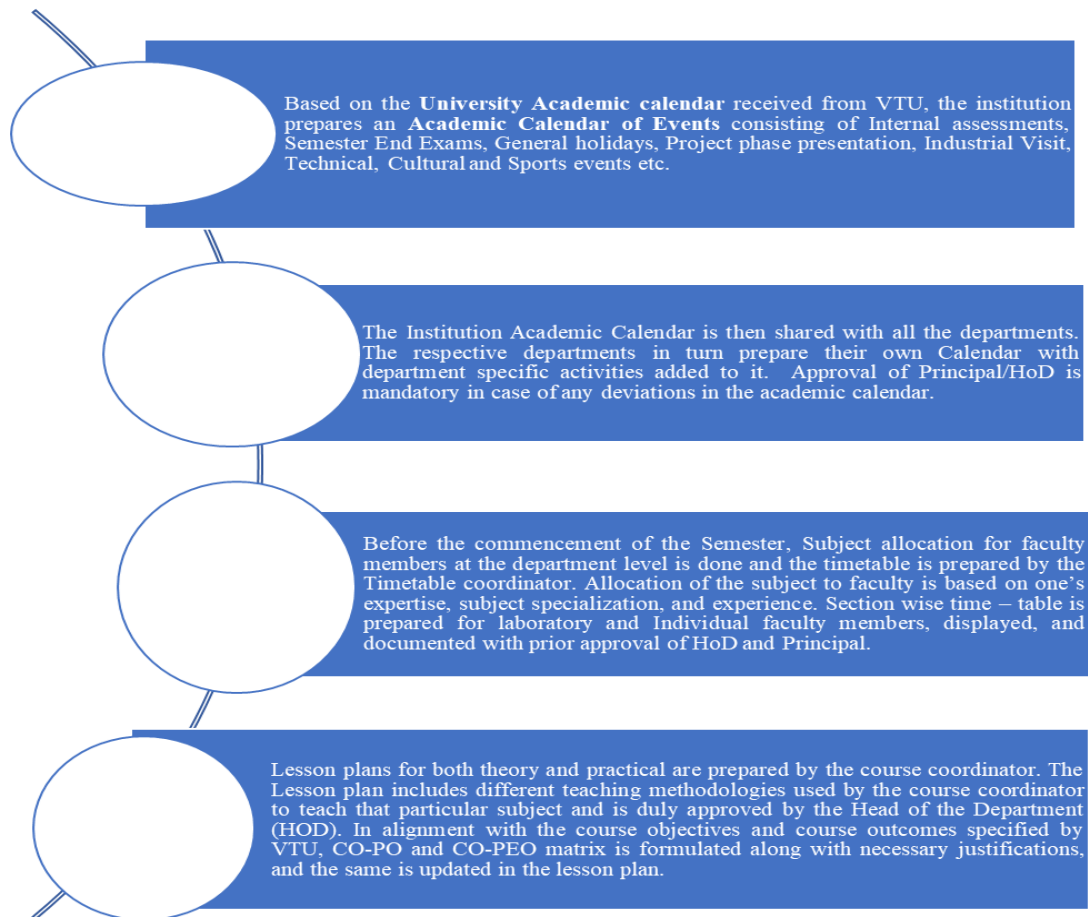
Atria Institute of Technology, established in 2000 is running under the umbrella of ASKB trust. The Institution is approved by All India Council of Technical Education (AICTE), New Delhi, accredited by NBA and affiliated to Visvesvaraya Technological University (VTU), Belagavi, Karnataka. As per the curriculum designed by the University, **Choice Based Credit System (CBCS)** is being followed in all the programs. The Academic Committee - DAC & PAC of the institute is constituted which provides necessary guidance and monitoring of key activities related to effective delivery of curriculum and other academic related activities.
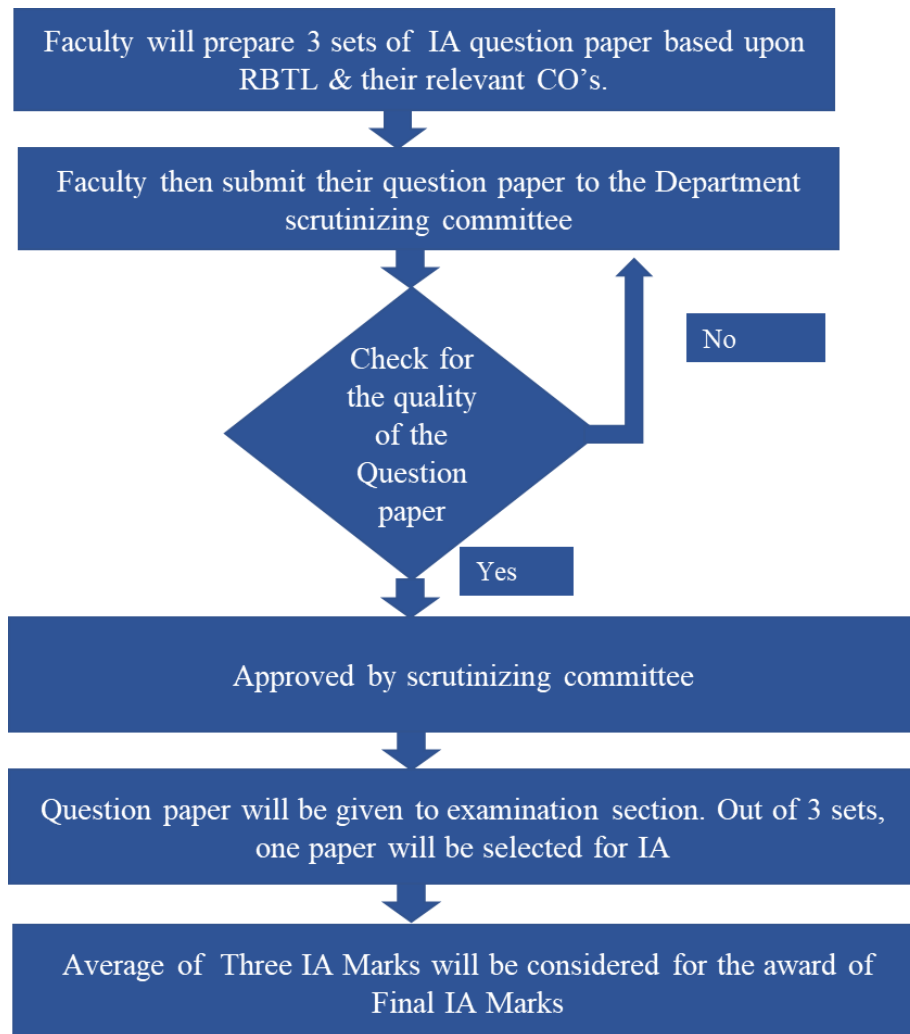
Curriculum Planning:

Based on the **University Academic calendar** received from VTU, the institution prepares an **Academic Calendar of Events** consisting of Internal assessments, Semester End Exams, General holidays, Project phase presentation, Industrial Visit, Technical, Cultural and Sports events etc.

The Institution Academic Calendar is then shared with all the departments. The respective departments in turn prepare their own Calendar with department specific activities added to it. Approval of Principal/HoD is mandatory in case of any deviations in the academic calendar.

Before the commencement of the Semester, Subject allocation for faculty members at the department level is done and the timetable is prepared by the Timetable coordinator. Allocation of the subject to faculty is based on one's expertise, subject specialization, and experience. Section wise time – table is prepared for laboratory and Individual faculty members, displayed, and documented with prior approval of HoD and Principal.

Lesson plans for both theory and practical are prepared by the course coordinator. The Lesson plan includes different teaching methodologies used by the course coordinator to teach that particular subject and is duly approved by the Head of the Department (HOD). In alignment with the course objectives and course outcomes specified by VTU, CO-PO and CO-PEO matrix is formulated along with necessary justifications, and the same is updated in the lesson plan.

a) Each Individual faculty prepares the course file which includes as follows-

the timetable, lesson plan, course outcomes, mapping of course outcomes with program outcomes & program-specific outcomes, attainment levels and targets, identified curriculum gaps, corrective actions, module wise study materials, previous question papers and previous performances. After the completion of the semester, it is updated with analysis of student's feedback, attainment of COs, POs & PSOs, and justifications.

Internal Assessment Tests are conducted at the centralized level, which is explained in the flow chart.

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┌─────────────────────────────────────────────────┐
│ Faculty will prepare 3 sets of IA question paper │
│        based upon RBTL & their relevant CO's.    │
└─────────────────────────────────────────────────┘
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                        ▼
┌─────────────────────────────────────────────────┐
│ Faculty then submit their question paper to the  │
│        Department scrutinizing committee         │
└─────────────────────────────────────────────────┘
                        │
                        ▼
                   ◇ Check for              ┌──────┐
                   the quality    ──No──►   │  No  │
                   of the                   └──────┘
                   Question
                   paper ◇
                        │
                       Yes
                        ▼
┌─────────────────────────────────────────────────┐
│         Approved by scrutinizing committee       │
└─────────────────────────────────────────────────┘
                        │
                        ▼
┌─────────────────────────────────────────────────┐
│ Question paper will be given to examination      │
│ section. Out of 3 sets, one paper will be        │
│ selected for IA                                  │
└─────────────────────────────────────────────────┘
                        │
                        ▼
┌─────────────────────────────────────────────────┐
│ Average of Three IA Marks will be considered     │
│        for the award of Final IA Marks           │
└─────────────────────────────────────────────────┘
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Curriculum Delivery:

A well developed and meticulously organized action plan is designed by the institution to effectively implement the curriculum. Other endeavors like promotion of new ideas, entrepreneurship, skill development and technological innovation is also accorded priority, which helps students in becoming future leaders in their fields.

The Institution has highly qualified, committed, and dedicated faculty team drawn from premier institutions that manage teaching pedagogy, with state-of-the-art laboratories, research and computer centers.

The planned curriculum is delivered through:

Delivery of lecture sessions are made through :

➤ Chalk & Talk

➤ Power point presentations

➤ Flipped classroom

➤ Seminar & Guest lectures

➤ Internships in collaboration with industries

ICT Based tools used for teaching learning process :

✓ LMS – Xcelerator, Quiklrn

✓ Google Classroom

✓ Microsoft teams

Please add e- resources from library in the above column

Curriculum gaps are identified & enriched by the respective faculty in line with current requirements of the industry. Academic gaps identified are fulfilled by Technical Talks by Eminent persons, Webinars, Hackathons, FDPs / Workshops / Conferences.

Various committees are formed for the smooth implementation of the curriculum and also for the enhancement of the overall academic and non-academic development of the students.