

# BITS PILANI WILP

Work-integrated learning is an innovation in education by BITS Pilani, an institute with a history that goes a long way back.

In the year 1901, Seth Shiv Narainji Birla set up a small 'pathashala' in Pilani, Rajasthan with one teacher for educating his grandsons, late Shri G.D. Birla and late Shri R.D. Birla. The pathashala slowly but steadily evolved into a high school in 1925, an intermediate college in 1929, a degree college in 1943, and a postgraduate degree college in 1947. Since its inception, BITS Pilani was known for its excellence in education, which is why during World War II, the Government of India established a Technical Training Centre at Pilani to create technicians for the Defence Services industry.

In 2000, a strategic plan was made to help BITS Pilani embark on a journey to become one of the leading universities in the world. Work Integrated Learning Programmes were recognised to be a significant component in realising this vision. A vision that has helped WILP emerge as India's leading corporate education provider and the first choice for the cream of engineering professionals.

## **The BITS Mission**

"To provide for and otherwise promote education and research in the fields of Technology, Science, Humanities, Industry, Business, Public Administration and to collate and disseminate in such fields effective ideas, methods, techniques and information as are likely to promote the material and industrial welfare of India" "To train young men and women able and eager to create and put into action such ideas, methods, techniques and information"

## About WILP

While you strive to excel in a highly technical career, we aim to provide you with the highest quality education experience relevant to your specialisation along with opportunities to upgrade and stay relevant, without you having to give up your job. Because our Work Integrated Learning Programmes (WILP) have been carefully designed with a focus on industry practices. So that your work helps you prepare for our programme and vice-a-versa. A win-win, according to us.

WILP has offered B.Tech., M.Tech., M.Sc., MBA, and Certificate programmes to engineering and technology professionals across the country for over 43 years now, enabling over 1,14,000 professionals of them in industries such as IT, Automotive, Manufacturing, Pharma and Chemicals to propel their careers forward.

## Innovative Learning Methodology

Work Integrated Learning Programmes are as rigorous as any on-campus programme from BITS Pilani, and are unlike any Distance learning, eLearning, Part Time, or Correspondence programmes. Since its inception, WILP has helped individuals realise their ambition of gaining a higher education while meeting their career goals. Here are some other reasons why you simply cannot ignore WILP.

- **The work-integrated edge** Give your qualifications a boost without a career break
- **Industry relevant curriculum** Integrate modern academic content with the evolving requirements of the workplace
- **Experiential learning** Learn by applying concepts to simulated and real-work situations
- **Virtual and Remote Labs** Access hardware and software tools remotely
- **Case Studies and Assignments** Learn from study material that reflects simulated and real-work situations
- **Dissertation / Project Work** Apply knowledge and concepts to a real-world, complex problem
- **BITS Pilani Faculty** Engage with experts using interactive, technology-enabled virtual classrooms
- **Anytime Digital Learning** Gain from recorded lectures, programme handouts, and recorded lab content
- **Continuous Assessment** Evaluate your progress with graded assignments, quizzes and mid-semester and comprehensive exams

## UGC Approval

BITS Pilani is an Institution of Eminence under UGC (Institution of Eminence Deemed to be Universities) Regulations, 2017. The Work Integrated Learning Programmes (WILP) of BITS Pilani constitutes a unique set of educational offerings for working professionals. WILP are an extension of programmes offered at the BITS Pilani Campuses and are comparable to our regular programmes both in terms of unit/credit requirements as well as academic rigour. In addition, it capitalises and further builds on practical experience of students through high degree of integration, which results not only in upgradation of knowledge, but also in up skilling, and productivity increase. The programme may lead to award of degree, diploma, and certificate in science, technology/engineering, management, and humanities and social sciences. On the recommendation of the Empowered Expert Committee, UGC in its 548th Meeting held on 09.09.20 has approved the continued offering of BITS Pilani's Work Integrated Learning programmes.

# Education Policy

## 1. **Registration and Fee Payment:**

Each semester of the Work-Integrated Learning Programmes begins with a mandatory REGISTRATION process, which specifies the prescribed course package for each student for that semester. The Registration process for each semester is completed when the student sends the duly signed Registration Card along with the payment for the semester fees. The student has to pay the full semester fees for every semester in which he / she registers, irrespective of the number of courses in his / her prescribed course package.

## 2. **Continuous Internal Evaluation:**

BITS Pilani follows continuous system of internal evaluation. Concept of Relative Grading procedure is adopted for grading. Letter Grades A, A-, B, B-, C, C-, D, E carrying grade points 10, 9, 8, 7, 6, 5, 4, 2 respectively are awarded for all courses other than Dissertation / Project Work for which only Non-Letter Grades namely EXCELLENT, GOOD, FAIR, POOR are awarded. If a student does not offer adequate opportunity for evaluation in a course, reports such as NC (Not cleared) may be awarded.

## 3. **Evaluation Scheme:**

For each course in each semester there will be typically 3 Evaluation Components (EC) spread over the semester according to the dates specified in the Course Handout for each course:

Evaluation Component

Evaluation Component	Description	Weightage*	Given & Evaluated by
EC-1	Assignment / Quiz (Online)	15%*	BITS Faculty
EC-2	Mid-Semester Test	35%*	BITS Faculty
EC-3	Comprehensive Exam	50%*	BITS Faculty

4. \* Indicative weightage distribution for evaluation component. It will vary from course to course.

EC-2 and EC-3 examinations are conducted only at the following Centres: Bangalore, Chennai, Delhi NCR, Hyderabad, Pune, Mumbai, Kolkata, Dubai, Goa, Pilani, Chandigarh, Lucknow, Indore, Bhubaneswar, Jaipur, Ahmedabad, Nagpur, Vijayawada, Kochi, Thiruvananthapuram and Coimbatore. The details of these exam centers will be shared by BITS Pilani in due course.

## 5. **Relative Grading Procedure:**

At the end of each semester, the performance of each student in a course, is specified as a LETTER GRADE (namely A, A-, B, B-, C, C-, D or E) which is obtained through a Relative Grading procedure, which is described below: The final grading in each course is done by tabulating in descending order (equivalently a histogram) the total marks obtained by all students in that particular course. The performance of the course will be analysed in terms of average, highest and lowest marks and the dividing lines between various clusters. Gaps between clusters and the nature of clusters will guide drawing the dividing lines between various grades. Final grading will be announced only after approval by Examination Committee at BITS Pilani.

## 6. **Cumulative Grade Point Average (CGPA):**

The CGPA (calculated on a 10 point scale) will be used to describe the overall performance of a student (from the semester of admission till the point of reckoning) in all courses for which LETTER GRADES are awarded.

$$\begin{array}{rcl}
 & & U1 \cdot G1 + U2 \cdot G2 \\
 + U3 \cdot G3 & & \\
 \hline
 & & U1 + U2 \\
 + U3 & &
 \end{array}$$

CGPA =

Where U1, U2, U3 ..... denote UNITS of the course, and G1, G2, G3 denote grade points of the LETTER GRADES awarded in that course. Non-Letter grades do not go into computation of CGPA.

**7. Minimum Academic Requirements:**

Subject to fulfilling the Academic Regulations of the Institute, the student will be issued a grade sheet at the end of each semester, a Transcript and a Provisional Certificate followed by the Final Degree Certificate at the end of the programme..

The minimum academic requirements for successful completion of our M.Tech., MBA and Post Graduate programmes require that a student obtains a minimum CGPA of 5.50 and no E Grade or RRA Report in any course. For B.Tech. programmes, the student should obtain a minimum CGPA of 4.50 and no E Grade or RRA Report in any course. No student can register in any other course of his/her degree along with Dissertation in M.Tech. or Project Work in B.Tech.

Failure to meet the minimum academic requirements will bring the student under the purview of Academic Monitoring Board (AMB), which will prescribe a suitable course package for an additional semester to the student and monitor his / her progress and academic performance closely.

**8. Dissertation / Project Work:**

The students enrolled in B.Tech. programmes will have to register for a full semester Project Work in their final semester. The students of M.Tech. programmes will be required to register for a full semester Dissertation in their final semester.

Each student should complete all prescribed coursework of the programme and fulfil the minimum academic requirements before he / she can register for Project Work or Dissertation in his / her final semester of the programme. If the academic performance of the student falls below the minimum requirements, he / she will be required to register in some courses again in a subsequent semester to improve his / her CGPA, before he / she can register for Project Work / Dissertation.

As admissions to the Work Integrated Learning Programmes are based on various factors like student employment, employer consent, mentor consent, etc., any student changing his / her employer or mentor should inform the Dean immediately and get such changes approved, failing which the student would be Discontinued from the Programme (DP), resulting in his / her name getting struck off from the rolls of the Institute.