

ORDINANCES OF DIPLOMA PROGRMMES FOR RGIPT ENERGY CENTER, SHIVSAGAR ASSAM

Passed in the Senate Meeting held on Thursday, January 30th, 2020



**RAJIV GANDHI INSTITUTE OF
PETROLEUM TECHNOLOGY, JAIS
Amethi- 229304**

PREAMBLE

The Rajiv Gandhi Institute of Petroleum Technology (RGIPT), Jais was established by an Act of Parliament ("Rajiv Gandhi Institute of Petroleum Technology Act 2007") as an Institution of National Importance under the aegis of Ministry of Petroleum and Natural Gas, Govt. of India. RGIPT is a domain specific Institution and the prime objective of the Institution is to provide world class education, training, and research to roll out efficient human resources to meet the growing requirements of the Petroleum & Energy sector. The aspiration is to develop India as a global manpower hub for the entire Petroleum and Energy Sector. RGIPT is co-promoted as an energy domain specific institute by six leading Oil Public Sector Units (ONGC, IOCL, OIL, GAIL, BPCL and HPCL) in association with the Oil Industry Development Board (OIDB). The Institution was empowered to create additional centers as per the necessity. Therefore, to supplement academic activities further, a center at Sivasagar Assam was established in 2016. The mandate for the Assam center was to offer Diploma, higher level Diploma and training programmes in the domain areas of Petroleum and natural gas.

The Institute has at present three diploma programmes a) Chemical Engineering b) Petroleum Engineering c) Piping Engineering.

The goal of diploma education is that the student; (i) learn the concepts and develop skills related to his/her discipline, (ii) have a broad base of humanities and science and (iii) builds character. Objectives and methodologies of education system run by organizations like RGIPT are diverse. To serve the objective of diversified class of students with different capabilities (mental, emotional and physical), the educational programmes should have sufficient flexibility both in terms of structure and duration. An attempt can be made by redefining the diploma programmes in terms of its academic units "course" and session unit "semester". Course is unique in terms of its specific subject referred by its Title and Content. Semester is a unit of educational programme for different class room, curricular, co-curricular and other activities. In educational program Learning is multifaceted process of building knowledge, intellect and skills through teachings from learned and knowledgeable persons (Teachers) and through self-efforts and practices. Learning cannot be assessed in the absolute scale. It can be assessed by defining the Teaching and Learning Objectives and by comparison. To categorize the levels of learning a suitable grading system is adopted. Grading is a process that identifies learning in a course. It guides and motivates students towards learning and determines the abilities (memory, analytic, mathematical, practical etc.) and effort of students.

Grade is a symbol that represents the degree to which students have met a set of well-defined teaching and learning objectives. A set of compulsory and elective courses constitute a programme. Course, Semester and Programme are quantified in terms of credits. Credits are supposed to be earned by the candidate/students by perusing/ studying different courses in a semester and obtaining a Pass Grade. The courses are linked together so as to they form a unified body or structure of the programme. Implementation of educational programme depends on the structure and organization of semesters and their sequencing. Thus candidate/student accumulates the credits and is supposed to qualify for the award of a diploma in respective programme whenever his/her accumulated credits and performance cross the minimum credit requirement and standard of respective Programme. The programme has some objectives i.e. the pursuance of the programme by a candidate will enhance his/her academic proficiency and skills in specified field of knowledge. The people pursuing a programme become professionals.

The Ordinances framed for the UG programmes at RGIPT, Jais will be applicable to the Diploma programmes at Assam, Sivasagar centre.

However, some of the clause of the B.Tech. ordinance such as 1.2, 3.1(a), 9.1 and 9.2 will not be applicable to the diploma programmes due to the difference in programme duration, credit requirements etc. Therefore, the following describes the additional ordinances those will be applicable specifically to the diploma programmes at Assam centre.

1.2d: Formation of Department Undergraduate Committee (DUGC) ((in place of Clause 1.2 of UG Ordinance)

A committee consisting of the following members will be constituted to handle the day-to-day academic activities at the Center.

DUGC Convener

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|-----------------------|----------|
| • Principal | Chairman |
| • Two faculty members | Members |
| • Two students | Members |

The committee will handle the registration of students in each semester, prepare timetable of the lectures, academic calendar and communicate the details to Academic office at main centre for notice and kind approval of the Chairman, Senate via Dean (Academic Affairs). The committee will be responsible for preparing and sending the gradation summary details to the

academic office, main campus for preparation of the final grade sheet and circulation among students.

3.1(a)d: Admission (in place of Clause 3.1(a) of UG Ordinance)

Admission to all the diploma programmes will be made in the beginning of odd semester of each session, i.e. July-August each year, at the first-year level, through entrance tests: Assam Polytechnic Admission Test (PAT)/Joint Entrance Examination (JEE) conducted by RGIPT. Detailed rules of admission test are available in the "Information Brochure" published by the RGIPT every year. Further information is available in respective websites of PAT (Directorate of Technical Education, Govt. of Assam) and JEE (RGIPT).

REQUIREMENTS FOR DEGREE

9.1d: Residence (in place of Clause 9.1 of UG Ordinance)

The residence of one semester for fulltime student is equivalent to registration by him/her for the normal academic load of courses during a semester. The minimum duration and maximum limit of residence for completion of various undergraduate programmes are:

Programme	Minimum Duration (Semesters)	Maximum Limit of Residence (Semesters)
Diploma	Six (06)	Ten (10)

9.2d: Academic (in place of Clause 9.2 of UG Ordinance)

A student is required to complete successfully all the courses of the curriculum prescribed for his/her undergraduate programme and earn a minimum level of, professional knowledge i.e., obtain **a minimum** value of CPI 5.0 with no Failed grades and accumulated credits.

DEGREE	Credits to be Earned for Qualifying for the Degree
Diploma	330-350