



TUMKUR UNIVERSITY

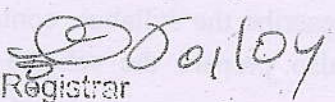
REGULATIONS, COURSE STRUCTURE & SYLLABUS

**POST-GRADUATE DIPLOMA IN ENVIRONMENTAL IMPACT ASSESSMENT
AND SAFETY MANAGEMENT (PGDEIA&SM)**

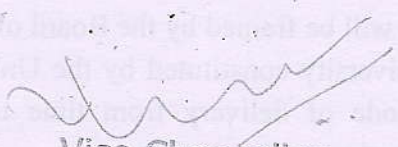
PREAMBLE

The Environmental Impact Assessment and Safety Management (EIA&&SM) is a management tool to minimize adverse impacts of developmental projects on the environment and to achieve sustainable development through timely, adequate, corrective and protective mitigation measures. This process is a statutory requirement for any developmental projects for both State/Union Territory and Central Government and private company projects. The Ministry of Environment, Forest and Climate Change (MoEF and CC) uses EIA&SM as a major tool for minimizing the adverse impact of rapid industrialization on environment and for reversing those trends which may lead to climate change in long run. Hence, this Post-Graduate Diploma will enhance the skill sets of the young professional mind those who want to explore career opportunities in the Environmental sectors. Therefore, Tumkur University as a part of its responsibility to create young professionals to be part of larger goal of Environmental conservation and mitigation measure wishes to offer a **Post-Graduate Diploma in Environmental Impact Assessment and Safety Management (PGDEIA&SM)**. This degree offers meaningful opportunities to develop research, or to gain insights from industry leaders in the environmental private sector and non-governmental organizations.

The course will introduce the theories and the process of EIA with a overview of the concepts, methods, issues and stages of the EIA process. EIA is an important management tool for ensuring optimal use of natural resources for sustainable manner. The course will examine EIA developments as well as processes in India and Worldwide to provide a new dimension towards critical thinking around the process. Since the course itself is multi-disciplinary nature, inputs from specialists who of EIA activities and have broader domain knowledge in different sectors of Functional Areas will be ascertained. At the end of the course students will have greater opportunities in applied sectors such as Ecology and Biodiversity /Land/ GIS and RS / Solid waste management / Air / Water pollution management etc. The course will act as bridge between academicians and industry which will give more opportunities in corporate and private companies as trained consultant's as well independent consultants.


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These Regulations shall be called the Regulations governing **Post-Graduate Diploma in Environmental Impact Assessment (EIA&SM)** offered By Tumkur University. These Regulations shall come into force from the date of ascent of the Chancellor of Universities.

In these Regulations, unless the context otherwise requires the following definitions mean:

1. "University" means Tumkur University.
2. "Degree" means **Post-Graduate Diploma in Environmental Impact Assessment (PGDEIA&SE)**.
3. "Department" means the PG Department of Studies and Research in Environmental Science of the University where the course is conducted.
4. "Head of the Department" means Chairperson of the Department/Coordinator of the Department of Studies and Research in Environmental Science of the University where the course is conducted
5. "Candidate" means any person who fulfills the prescribed eligibility conditions as stated later who intends to register for the degree.
6. "Board of Studies" means the Board of Studies Environmental Science (PG) the constituted by the University.
7. "Board of Examiners" means the panel of examiners in Environmental Science (PG) constituted by the University for framing the question papers and other exam related activities of the above course

1.0 ACADEMICS & COURSE STRUCTURE

1.1 Eligibility: Graduation in any SCIENCE/ENGINEERING disciplines with a minimum of 45 % for general students and 40 % for SC/ST/CAT-1/OBC students

1.2 Academic nature of the programme: The Programme shall be interdisciplinary in nature but shall be offered Department of Studies and Research in Environmental Science with the support of the various faculty members as decided by the university from time to time.

1.3 Board of Studies: The academic aspects of the course like curricula, structure and credits will be framed by the Board of Studies Environmental Science (PG) the constituted by the University constituted by the University. The BOS shall prescribe the syllabus, content and mode of delivery from time to time. The BOS shall also prepare the scheme of examination and evaluation.


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1.4 Number of Credits: The course will be based on the credit system where fixed units of duration will be assigned for teaching-learning processes. Every one hour of lecture per week will be considered as one credit. Every two hours of practical's per week shall be considered as one credit. The number of minimum credits to be obtained by the student for theory papers/project dissertation shall be two and for that of practical's shall be one. For the successful completion of the course; the candidate should earn 36 credits (18/semester).

1.5 Duration: Duration of the course will be for one year comprising of two semesters each.

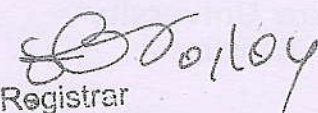
Each Semester will have the following (10 Credits):

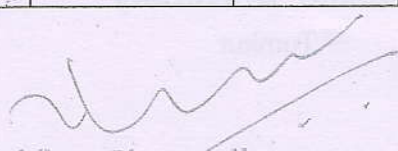
- Two theory papers having four credits per week
- Two practical papers having two credits per week
- One Project internship/ Project Dissertation having four credits per semester

1.6 The project dissertation: The project dissertation will be based on field work/lab work/working in corporate/ private/ consultant /field surveys.

1.7 The course structure: The course structure and the marks for the semester end examination shall be as below:

S. No.	Paper	Title of the paper	Instruction Hrs per Week	No. of Credits	Duration of the Exam.	Marks		
						Internal Assessment	Semester End Exams.	Total Marks
1	T-1.1/2.1	Theory Paper	4	4	3 Hrs	20	80	100
2	T-1.2/2.2	Theory Paper	4	4	3 Hrs	20	80	100
3	PD 1.3/2.3	Project Dissertation	4	4	3 Hrs	20	80	100
4	P-1.4/2.4	Practical's Based on T 1.1/2.1	4	2	3 Hrs	10	40	50
5	P-1.5/2.5	Practical's Based on T 1.2/2.2	4	2	3 Hrs	10	40	50
6	PP 1.6/2.6	Practical's of Project Dissertation based on PD 1.4/2.4	4	2	3 Hrs	10	40	50


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1.8 The medium of instruction: The medium of instruction will be English. The candidate will write the exam also English.

1.9 Attendance: Each semester theory/practical's/dissertation will be taken as a unit and the candidate will have to obtain a minimum of 75 % attendance in order to be eligible for examinations. If the candidate fails to obtain the attendance he/she will have to repeat the same when the course is offered during the subsequent years. No condonation will be entertained for shortage of attendance.

1.10 Method of Continuous Evaluation: Board of Studies will prescribe the method of delivery for continuous evaluation or internal assessment.

2.0 EXAMINATIONS

2.1 Board of Examiners: The BOE constituted by the University shall frame the question paper giving equal weightage to all the Units of the syllabus. The pattern of or theory paper the semester end exams will be fixed by the BOS.

2.2 Question paper pattern: The pattern of theory and practical paper the semester end exams will be fixed by the BOS

2.3 Number of Examiners: There shall be two examiners, one internal and one external for the practical examinations. There shall be two examiners, one internal and one external for the theory papers. There shall be two examiners, one internal and one external for the dissertation viva along with the guide of the candidate concerned/chairman of BOE. The minimum quorum is three.

2.4 Method of Scoring: The average of marks awarded by both the examiners shall be the final marks. In case the difference is more than 20 % then the evaluation marks of the BOE chairman shall be final.

2.5 Minimum Marks: Minimum marks for passing the course shall be 40 % of the total marks earmarked for the course including IA. There is no minimum for IA.

2.6 Maintenance of records: All the records/assignments/case studies etc... shall be maintained for six months from the date of examination.

2.9 Number of appearances: A candidate who fails to pass a subject can appear for the same in the subsequent years. There will only be two repeats permitted. The candidate will have to complete his course within three years upon which no further extensions will be permitted. He or she may have to get readmitted if the candidate so wishes.



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3.0 RESULTS & GRADING

The successful completion and grading will be as below

Percentage of Marks	CGPA	GRADE	Class
75 and above	7.5 and above	A+	Distinction
60 to 75	6 to 7.5	A	First Class
50 to 60	5 to 6	B	Second Class
40 to 50	4 to 5	C	Third Class
Less than 40	Less than 4	D	Fail

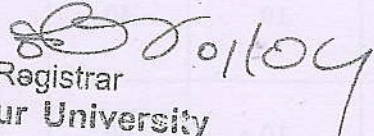
3.1 The calculation of grades: The calculation of credit points, grade points, SGPA and CGPA shall be as per the existing PG CBCS regulations of the University.

4.0 FUTURE PROSPECTS

Environmental consultant; Independent Functional Area Expert; Corporate or Private Company environmental officer/ Independent consultant; Researchers.

5.0 REMOVAL OF DIFFICULTIES

If there is any difficulty in enforcing these regulations; the Vice-Chancellor of the University shall be empowered to take appropriate decision to that effect. He may consult the BOS/BOE for successful implementation of these regulations.


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VAJUBHAI VALA
CHANCELLOR

6.0 COURSE STRUCTURE

SEMESTER: I

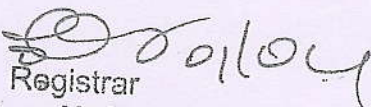
SL. No.	Paper	Title of the paper	Instruction Hrs per Week	No. of Credits	Duration of the Exam.	Marks		
						Internal Assessment	Semester End Examn.	Total Marks
1	T-1.1	Fundamentals of Environmental Impact Assessment. Policies and Law	4	4	3 Hrs	20	80	100
2	T-1.2	Prediction and Assessment of Impacts; Application of Remote Sensing and GIS for EIA	4	4	3 Hrs	20	80	100
3	PD-1.3	Project Dissertation based on T 1.1/1.2	4	4	3 Hrs	20	80	100
3	P- 1.4	Practical's Based on T 1.1	4	2	3 Hrs	10	40	50
4	P-1.5	Practical's Based on T 1.2	4	2	3 Hrs	10	40	50
5	PP-1.6	Practical's Based on Project Dissertation PD 1.3	4	2	3 Hrs	10	40	50

T: theory

P: practical

PD: Project Dissertation

PP: Project Practical's


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SEMESTER-II

SL. No.	Paper	Title of the paper	Instruction Hrs per Week	No. of Credits	Duration of the Exam.	Marks		
						Internal Assessment	Semester End Examn.	Total Marks
1	T-2.1	Introduction to Environmental Health Safety Management, Policies and Law	4	4	3 Hrs	20	80	100
2	T-2.2	Occupational Health Safety & Accident Prevention Techniques	4	4	3 Hrs	20	80	100
3	PD-2.3	Project Dissertation based on T 2.1/2.2	4	4	3 Hrs	20	80	100
4	P- 2.4	Practical's Based on T 2.1	4	2	3 Hrs	10	40	50
5	P-2.5	Practical's Based on T- 2.2	4	2	3 Hrs	10	40	50
6	PP-2.6	Practical's Based on Project Dissertation PD 2.3	4	2	3 Hrs	10	40	50

T: theory

P: practical

PD: Project Dissertation

PP: Project Practical's

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