

**DIRECTORATE OF DISTANCE EDUCATION
PROGRAM PROJECT REPORT (PPR)
Master of Business Administration M.B.A. (Energy Management)**

In

Open, Distance and Online Mode

To be offered from academic session

2020-21 onwards



Directorate of Distance Education

Devi Ahilya Vishwavidyalaya

Indore

S. P. Dab

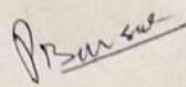
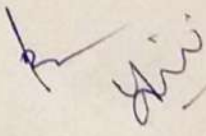
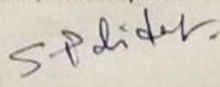
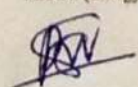
Introduction

The power crisis in India is nothing new but slowly an emerging sector is likely to put an end to this long-dragging issue of constant power cuts. And with the emergence of a new sector comes new career opportunities would be created. Green energy sector, comprising solar, wind, hydro, Bio-fuel Power, Fuel Cell generation, is becoming a lucrative career opportunity. The major portion of global energy requirement is required to be met through Renewable sources of energy as the reservoirs of conventional form of energy such as coal, Natural & Petroleum oil are at the brink of ending. The alternate form of energy usage not only meets the major energy requirement but also addresses global emission concern. Globally almost all the Governments are putting a lot of stress on renewable energy sources and their best potential. As the government is rolling out various renewable energy policies and benefits, there will soon be a rising demand for specialized managers in the field of renewable energy. At present, the global investment in solar energy is estimated to be worth approximately 250 billion USD. World's top 100 global companies showed keen interest in investing in renewable energy. A majority of these companies are slowly switching over to renewable energy to power their manufacturing plants and offices. Government of India also launches solar mission and National Bio-fuel Policy to fulfill growing demand of Energy.

Unfortunately, there is a gap between the demand and supply of Specialized Managers in the field of Energy Management. To fill up this gap Directorate of Distance Education and School of Energy & Environmental Studies, Devi Ahilya Vishwavidyalaya, Indore has developed a Two year M.B.A. Energy Management Program.

Programme Mission and Objective

Devi Ahilya Vishwavidyalaya (DAVV), formerly University of Indore, is a premier University in Central India, has completed 54th years of establishment, educational commitment and services. It is the First State University of Madhya Pradesh which has been accredited with "A+" grade by NAAC. It was established in 1964, by an Act of Legislature of Madhya Pradesh. The University jurisdiction spans across several districts which are in the urban as well as rural areas. The University is recognized for its innovative and professional programs which attract high employment ratio. University serves more than 3 lack students through its teaching departments affiliated colleges and centers. It has been offering several UG and PG Programs in Management since last 50 years. The high demand ratio for the management is visible in term of high application to admission ratio. Moreover, Indore being a



commercial city, host several large business due to vicinity of SEZ's offers ample employment opportunity to Management graduate.

The "Directorate of Distance Education" at DAVV has been offering MBA Programme for several years. The present proposal is to offer a 2 year MBA Energy Management program in Distance, Open and Online Mode.

Mission:

Develop the Quality Professional in the field of Energy Management.

Objectives:

- (1) To educate and prepare a diverse group of men and women with knowledge, analytical ability and management prospective.
- (2) To provide trained main power in the energy and environment related areas likes Renewable Energy Sources, Energy Efficiency, Energy and Environment Audit, Energy and Environment Conservation and their Management.

Relevance of the Programme with HEI'S Mission and Goals

DAVV's Mission is to "Educate and empower the learners to realize their potential through righteous blending of knowledge, skills, and values for serving the society."

To achieve this Mission, DAVV has laid out several objectives. However following is specifically relevant to proposed MBA Energy Management Programme afford by "Directorate of Distance Education". To attract and build the employable opportunity among post graduates students specially those students who are not able to continue their education in a regular study mode.

This would be managed by means of more rewarding and inspiring environment thereby fostering freedom, empowerment, creativity and innovation through advanced technology particularly in Distance mode.

- Providing demand driven educational programmes for enhancing skills and employability
- Addressing issues and priorities for empowering local community with a global perspective

The proposed MBA program offers a bouquet of courses that are meant to equip the graduates with professional competencies that make them "industry ready" thus generating higher employment in the region.

Nature of Prospective Target Group of Learners

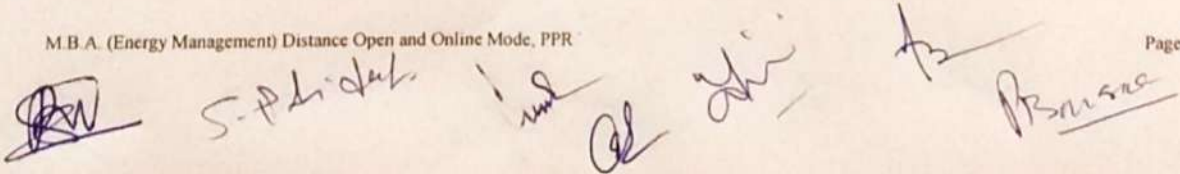
M.B.A. Energy Management Programme is designed for students who aspire to become a Quality Professional in the Energy Management, concentrating on functional management expertise. To be a experts managers of the future. The programme aims to impart necessary knowledge, skills and self confidence to assist in effective and successful management, within constantly changing and highly competitive national and international business environments. Our specific objectives for running this Programme are as follows:

- To educated and prepare e a diverse group of men and women with knowledge, analytical ability and management prospective.
- To provide trained main power in the Energy and Environment related areas likes Renewable Energy Sources, Energy Efficiency, Energy Audit, Energy and Environment Conservation and various types of private sector, public sector and not-for-profit organizations.
- Graduates will provide advancement of conceptual and Field Experience knowledge in the field of Energy Management to contribute to nation building while upholding ethical practices.

Appropriateness of Programme to be Conducted in Open, Distance and Online Mode to Acquire Specific Skills and Competence

The Master of Business Administration Energy Management (Distance Education) program in Open, Distance and Online Mode deals with the learning outcomes aim at developing managerial skills and competencies consistent with the requirement of business and industry especially in Energy Management with emphasis on Energy and Environmental issues.

The learners who have been working in business, industry, institutions and self-employed who don't find time to attend regular classes, find our Master of Business



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Administration Energy Management (Distance Education) program quite useful. Our SLM is self explanatory. Our counselors are well oriented in terms of counseling of Self Learners, both face-to face and online. They take great interest in counseling the students. They have been in this profession for the last many years. They have won the admiration and confidence of our learners.

Learners Outcome:

M.B.A. Energy Management Course, students have various career Opportunities in the fields such as:

- Renewable Energy Sources, Energy Efficiency, Energy Audit, Energy and Environment Conservation and various types of private sector, public sector and not-for-profit organizations
- Teaching

ELIGIBILITY AND DURATION

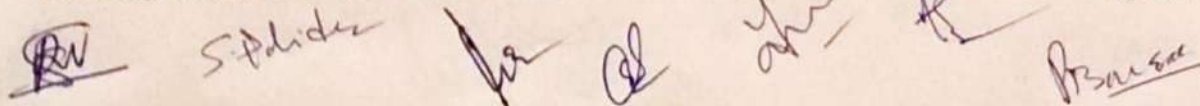
Programmes	Eligibility	Credits	Duration	Semester
M.B.A. (Energy Management)	Graduation in Sciences / Engineering	96	2 Years	4 Semester

Credit system helps in mapping the academic achievement of a learner in a fairly accurate manner. This helps the student to understand the academic effort one has to put in to successfully complete the course. A Student is expected to cumulate a particular number of credits to qualify for the award of a degree.

Instructional Design

The MBA Energy Management (Distance, Open and Online) mode is divided into four semesters (two years). Every semester a learner studies six subjects, which consist of end semester exam (60% weightage) and internal assignments (40% weightage). In the last two semester learners study our Specialization subject on Energy and Environment Management.

Duration of the programme: The proposed program will be offered as a 2years program consisting of Four Semesters.



Curriculum Design : As per Annexure 1

Detailed syllabus : The detailed syllabus is made by the expert Committee and is approved by appropriate authority. The syllabus is updated regularly to suit the industry needs.

Faculty and support staff Requirement : Identified as per need.

Instructional delivery mechanisms: As per Ordinance 14 of the University. This Ordinance is passed by the coordination committee at the state level and is applicable for all universities in the state of MP. DAVV has also adopted this ordinance for all programs.

Student support service systems: DAVV has a proper mechanism in place for student support services. For the students of DDE following support services are specially provided.

- ❖ Personal Contact Programme (PCP)/Doubt Clearing Sessions will be held in each semester as part of student support services. This would help the students to interact with experts in the course and clarify doubts.
- ❖ E-Learning portal for distance education students will be a medium for the dissemination of knowledge, skill enrichment, assist in examination preparation, exchange of experience and collaborative participation.
- ❖ Facilities and Guidance is provided to students for admission, Online classes and career guidance.

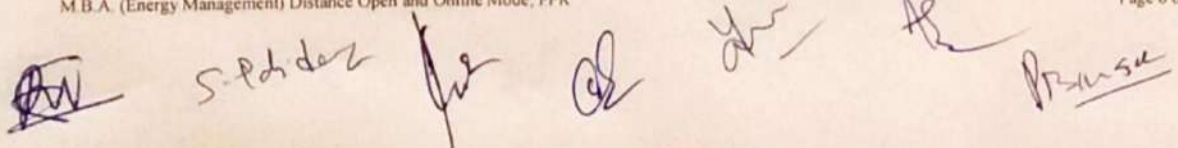
Procedure for admissions, curriculum transaction and evaluation:

As per Ordinance 14 of the university (DAVV) and as decided by the university from time to time.

Requirement of the laboratory support and Library Resources: The University has a well-developed computer center which is available for the students of MBA program, other than this; a language lab is also functional in the university.

Cost estimate of the programme and the provisions: A consolidated fee of Rs. 36,000 per annum will be charged.

Quality Assurance Mechanism: The University has a well functioning Internal



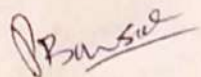
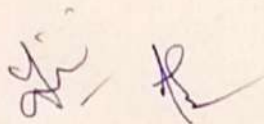
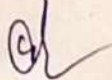
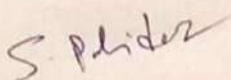
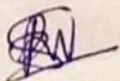
Quality Assurance cell. In addition, ODL has its own quality assurance committee which is formed in accordance with UGC guidelines. The Centre for Internal Quality Assurance Committee oversees the functioning of Centre for Internal Quality Assurance and approves the reports generated by Centre for Internal Quality Assurance on the effectiveness of quality assurance systems and processes. There is a proper Quality Monitoring. Mechanism in place that looks into areas like governance, formulation of Objectives, guiding the programme development and approval processes, programme monitoring and Review etc. There is an appropriate process of Quality Audit in place. Mechanism is being defined for Academic Planning, Validation, Monitoring, Evaluation and Enhancement Plans, monitoring Learner Support Centers, Examination Centers etc. Provisions are made to ensure "Quality Standard" for Learning Materials, audio video material and online and computer based material. The center will strive to maintain quality in the services provided to the learners and undertake self evaluative and reflective exercises for continual quality improvement in all the systems and processes of university. It will also undertake following activities for strengthening the program.

- Regular faculty development programs
- Feedback analysis for quality improvement
- Annual academic audit
- Standardization of learning resources by periodic revision of program depending upon the changing industry trends.

Expected programme outcomes:

After successful completion of the MBA (Energy Management) Distance and Online Mode program, below mentioned outputs are expected.

- ❖ Student move to managerial positions in Renewable Energy Sources, Energy Efficiency, Energy and Environment Conservation and various types of private sector, public sector for move up their career.
- ❖ One who looking forward to pursue their career in Energy Management.
- ❖ Reduce the gap of employable graduates required by industry by expanding the program to remote areas,
- ❖ Contribute to enhancing gross enrollment ratio in higher education.



M.B.A. (ENERGY MANAGEMENT) 2020-2021**I Semester:**

Course Code	Title	Credits
EN7D-701	Management & Organizational Behaviour	4
EN7D-702	Business Environment	4
EN7D-703	Strategic Management	4
EN7D-704	Business Communication	4
EN7D-705	Accounting for Managers	4
EN7D-706	Marketing Management	4
		24

II Semester:

Course Code	Title	Credits
EN7D-707	Global Business Management	4
EN7D-708	Financial Management	4
EN7D-709	Human Resource Management	4
EN7D-710	Operations Management	4
EN7D-711	Entrepreneurship and Small Business Management	4
EN7D-712	IT for Managers	4
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III Semester:

Course Code	Title	Credits
EN7D-801	Solar Energy	4
EN7D-802	Biomass Energy	4
EN7D-803	Wind Energy	4
EN7D-804	Environmental Pollution & Control	4
EN7D-805	Environmental Impact Assessment & Environmental Audit	4
EN7D-806	Energy Related Material	4
		24

IV Semester:

Course Code	Title	Credits
EN7D-807	Energy Auditing and Conservation	4
EN7D-808	Geothermal and Ocean Energy Conservation	4
EN7D-809	Sustainable Development	4
EN7D-810	Solid Waste Management	4
EN7D-811	Project Planning and Management	4
EN7D-812	Green Building	4
		24
Grand Total		96