GAUTAM BUDDHA UNIVERSITY

Centre for Rapid and Alternative Energy Mobility Offers Courses In

- **Reliability Availability Maintainability and Safety (RAMS)**
- **Prognostics and Health Management (PHM)**
- **Maintenance Engineering (ME)**

Centre for Rapid and Alternative Energy Mobility (RAEM) at Gautam Buddha University offers its intensive Certificate/ Diploma/Degree Programs Engineering Graduates/ professionals, besides, offering collaborative research and industrial consultancy services in the areas of Reliability, Availability, Maintainability & Safety (RAMS), Maintenance Engineering (ME), and Prognostics Health Management (PHM). Centre's vision is to provide an experience that will catapult and shape the career of students of these programs to become leaders of tomorrow with a high level of know-how and experience essential to compete globally. In near future, the Centre also intends to expand it base by offering courses in the areas of rapid mobility such as Metro Rail Engineering & Management and Alternative Energy Mobility.

Where and How to Learn

Where

Right at your Desktop/Laptop/Mobile/Pad/Tab... through online mode without hampering your mobility!

How

The devised course curricula and methodology at RAEM are adequately supported by right from the theoretical concepts to the case studies & practical applications with a project component in collaboration with industries and mentored by experts/professionals in the areas of RAMS, ME and PHM.

COURSES IN COLLABORATION WITH VARIOUS INDUSTRIES LIKE METRO RAILWAY, AEROSPACE, DEFENCE, ...

CONVENIENT RECORDED SESSION OF LIVE CLASSES

COURSES AVAILABLE ACROSS THE GLOBE

"For the First Time in India, A Unique International Program - Enhancing engineering skills for better job opportunities"

Who Should Attend?

JOB FUNCTIONS

- RISK ASSESSMENT ENGINEER
- PRODUCT DEVELOPMENT ENGINEER
- QUALITY ENGINEER
- RELIABILITY ENGINEER
- RISK & RELIABILITY ANALYST
- SAFETY ENGINEER
- STATISTICIAN
- SYSTEMS ENGINEER

COMMON INDUSTRIES

- AEROSPACE
- AUTOMOTIVE
- ELECTRONICS
- RAILWAYS
- BIOMEDICAL
- MANUFACTURING
- OIL/ GAS/ ENERGY
- SERVICES

Important Dates

Registrations Open

Diploma and Certificate courses starting soon

GAIN KNOWLEDGE
GET CERTIFIED

- **Reliability Availability Maintainability and Safety (RAMS)**
  The course aims to expose and train a learner in RAMS' theoretical concepts & methodologies, models, technologies& Tools. It deals with function preservation and failure prevention during the design and operation phases of an item's or asset's life cycle considering required performance for a given task.
- **Prognostic and Health Management (PHM)**
  The aim of the course is to provide tools, technologies and methodologies for assessing and managing the remaining useful life (RUL) of an asset or fleet of assets considering the operational and business objectives of an organization.
- **Maintenance Engineering (ME)**
  The aim of the course is to provide a general basic knowledge about scientific theory and application of maintenance engineering for industrial assets, infrastructure buildings, etc in a life cycle perspective. The course provides a good foundation for participants to work as maintenance engineers equipped with technologies and management tools

Questions?

For more information on admission requirements, how to apply, and tuition and financial aid, contact: 9871545047, 9717949251

Course description videos, residency information, other details and more can be found on the web at
gbu.ac.in/raem

Program Offered

Course Name	MINIMUM ELIGIBILITY CRITERIA	Course Fee
Certificate Courses (3 Months)		
Reliability Availability Maintainability and Safety	B.Tech/B.E with 2 years experience/Diploma in engineering related fields- 3 years work experience	₹50,000
Prognostics and Health Managemant		
Maintenance engineering		
Diploma (6 Months)		
Reliability Availability Maintainability and Safety	B.Tech/B.E with 2 years experience/Ph.D/Diploma in engineering related fields- 3 years work experience	₹90,000
	Lateral entry eligibility:Certificate in RAMS	₹45,000
Prognostics and Health Managemant	B.Tech/B.E with 2 years experience/Diploma in engineering related fields- 3 years work experience	₹90,000
	Lateral entry eligibility: Certificate in PHM	₹45,000
Maintenance engineering	B.Tech/B.E with 2 years experience/Diploma in engineering related fields- 3 years work experience	₹90,000
	Lateral entry eligibility:Certificate in Maintenance Engineering	₹45,000
Masters Program (2 Years)		
M.Tech in RAMS and Maintenance engineering	B.Tech/B.E/M.S with 2 years experience	₹4,00,000

TRAINING MODE: CONCEPTUAL LECTURES, CASE STUDIES, AND PRESENTATIONS

GAUTAM BUDDHA UNIVERSITY

ESTABLISHED BY THE UTTAR PRADESH GAUTAM BUDDHA UNIVERSITY ACT 2002 UP ACT NO. 9 OF 2002