



OSH MANAGEMENT IN UNIVERSITY SECTOR TOWARDS CREATING AND PROMOTING PREVENTIVE CULTURE (EXPERIENCE SHARING)

KHAMISAH AWANG LUKMAN

**Centre for Occupational Safety and Health, Universiti Malaysia Sabah
Department of Community & Family Medicine, Faculty of Medicine &
Health Sciences, Universiti Malaysia Sabah**

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PREVENTATIVE SAFETY AND HEALTH CULTURE

... refers to a culture in which the right to a safe and healthy working environment is respected at all levels, where government, employers and workers actively participate in securing a safe and healthy working environment through a system of defined rights, responsibilities and duties, and where the principle of prevention is accorded the highest priority.

(ILO Promotional Framework for Occupational Safety and Health Recommendation, 2006)

PREVENTIVE CULTURE

OSH MASTER PLAN 2016-2020

SAFETY AND HEALTH WORK CULTURE



OUTCOME
OWNERSHIP

SPBP 2006-2010



OUTCOME
SELF-REGULATION

OSH-MP 2011-2015



OUTCOME
PREVENTION CULTURE

OSHMP 2016-2020

PREVENTIVE CULTURE

- ☐ Responsibility and commitment between employers and workers
- ☐ Respect the rights of workers to OSH
- ☐ Involvement of workers in the OSH activities
- ☐ OSH knowledge and skills enhancement

THE NEED FOR A STRONG PREVENTIVE CULTURE IN UNIVERSITY SECTOR

- ❑ A safety and health culture :
 - Reflections of actions, attitudes, behaviours of the members concerning safety and health
- ❑ Strong preventive culture:
 - Positive value
 - prevents injuries and diseases,
 - saves lives,
 - improves productivity and outcomes
 - develops students' skills and awareness on safety and health
 - protects academic institutions reputations

<https://youtu.be/98KCtZP67eg>



NATURE OF UNIVERSITY SECTOR

- ❑ Large , growing
- ❑ Wide range of hazards
- ❑ Large numbers of students (young and inexperienced)
- ❑ Large numbers of visitors



MAIN HAZARDS AND OTHER OSH CONCERNS

- ☐ Chemicals and laboratory and workshop hazards
- ☐ Research animals, laboratory animal allergy, allergies, asthma
- ☐ Infection, pathogens
- ☐ Stress
- ☐ Accidents
- ☐ Manual handling, musculoskeletal disorders
- ☐ Work with computers
- ☐ Radiation,
- ☐ Clinical environment,
- ☐ Field work and overseas travel
- ☐ Farming and agricultural
- ☐ Marine biology
- ☐ Poor management
- ☐ Sickness absence
- ☐ Construction work

A background image showing a tall, white clock tower with a clock face, situated in a park-like setting. The sky is filled with large, colorful clouds in shades of orange, yellow, and blue, suggesting a sunset or sunrise. The foreground features a paved walkway with a geometric tile pattern in shades of orange, grey, and blue.

❑ Managing OSH also requires information such as :

- Characteristics of staffs and students
- Pattern of employment
- The need for relevant guidance on health of special group, e.g medical students
- The need of relevant health surveillance e.g for researchers exposed to animals

VISITORS

- ❑ Academic visitors,
- ❑ Contractors,
- ❑ Members of public visiting:
 - museum,
 - libraries,
 - sport center,
 - public spaces and
 - conference facilities



OSH MANAGEMENT IN UNIVERSITY SECTOR

- ❑ Policy
 - Safety and health policy
- ❑ Organisations
 - Identified Roles and responsibilities
- ❑ Planning
 - Risk assessment and risk control system
- ❑ Implementation
 - Training and control measures
- ❑ Monitoring
 - Incident reporting, audit action plans, inspections
- ❑ Review and Audit
 - Programme of departmental audits and inspections
 - Take actions to continually improve the OSH performances to achieve the intended outcome

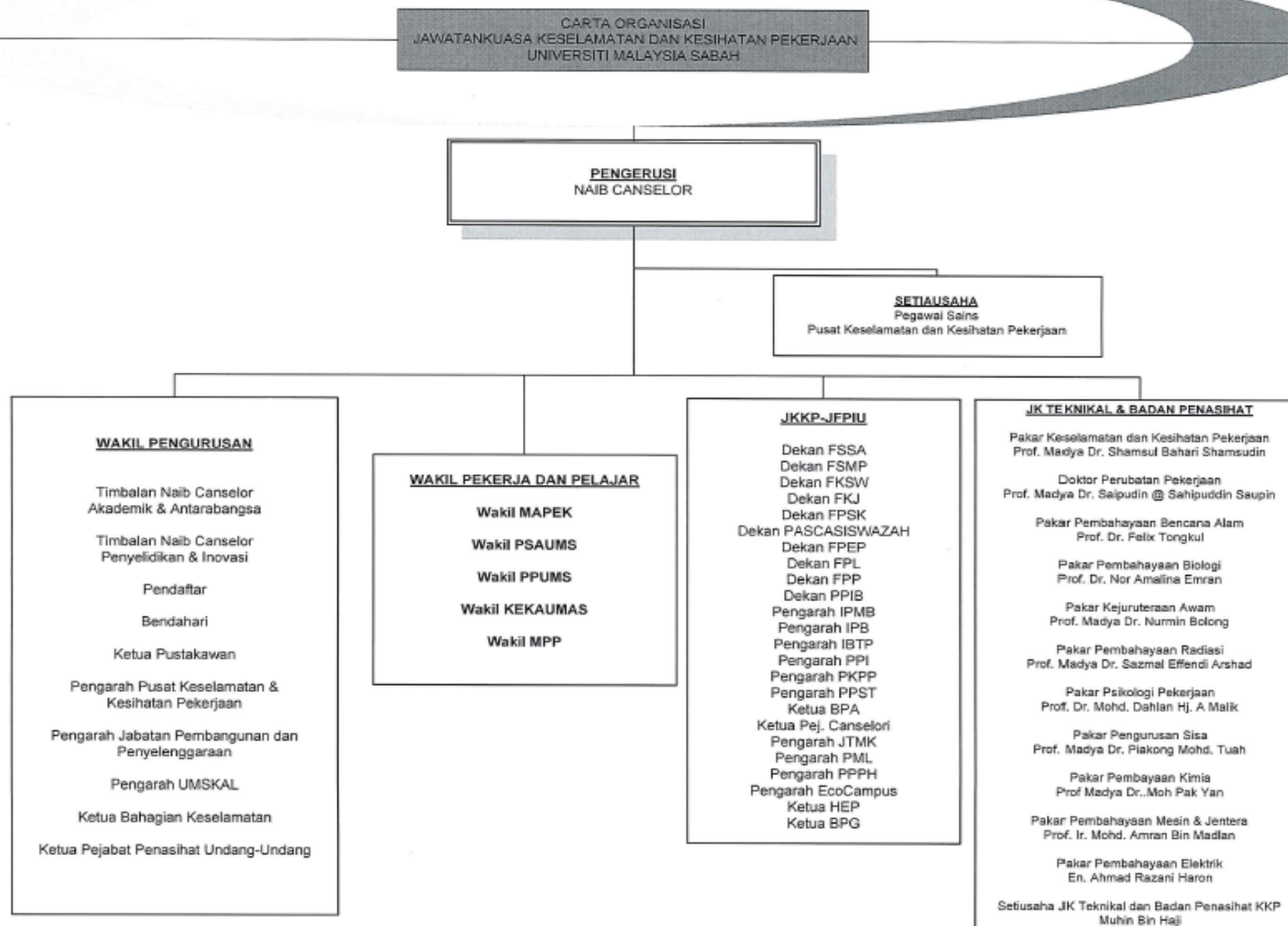
ROLES AND RESPONSIBILITIES

- ❑ Vice chancellor (Responsible officer)
- ❑ Centre for Occupational Safety and Health
 - provides strategic legal advice to SHC
 - develop policies, procedures, and guidance to support University and Departments
- ❑ Head of department
 - main responsibility for operational safety and health of the department
- ❑ Technical manager/Safety Co-ordinator
 - manages risks and from work and departmental activities
- ❑ Employees
 - responsible for their own safety and others who may be affected by their actions

CARTA ORGANISASI

JAWATANKUASA KESELAMATAN DAN KESIHATAN PEKERJAAN

Lampiran 2



DASAR KESELAMATAN DAN KESIHATAN PEKERJAAN

OCCUPATIONAL SAFETY AND HEALTH POLICY

Universiti Malaysia Sabah komited untuk memastikan keselamatan, kesihatan dan kebajikan pekerja dan mana-mana orang lain yang mungkin terkesan oleh aktiviti pengajaran dan pembelajaran, penyelidikan dan mana-mana operasi organisasi di dalam kawasan kawalannya dengan mengambil setiap usaha yang munasabah untuk mencegah sebarang kemungkinan insiden yang membawa kepada kecederaan dan wabak penyakit, kerosakan harta benda serta persekitaran melalui penambahbaikan berterusan selaras dengan Akta Keselamatan dan Kesihatan Pekerjaan 1994 (Akta 514) dan perundangan lain serta keperluan yang berkaitan.

Universiti Malaysia Sabah is committed to ensuring the safety, health and welfare of employees and any other persons who may be affected by the activities of teaching and learning, research and any organization operating in the area of control by taking every reasonable effort to prevent any possible incident that may lead to injury and epidemics, destruction of property and the environment through continuous improvement in line with Occupational Safety and Health Act 1994 (Act 514) and other relevant regulations and requirements.

Profesor Datuk Dr. D Kamarudin D Mudin
Naib Canselor
Universiti Malaysia Sabah

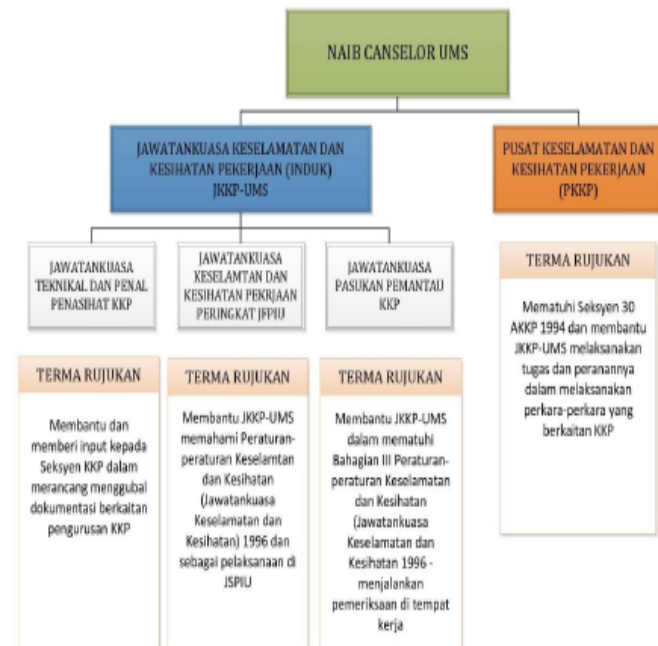
18 Jun 2017

2. PERANAN PENGURUSAN KESELAMATAN DAN KESIHATAN PEKERJAAN DI UMS

Pengurusan Keselamatan dan Kesihatan Pekerjaan dilaksanakan berdasarkan struktur berikut dan peranan setiap entiti berkenaan akan diperjelaskan dalam seksyen seterusnya.

Carta Jawatankuasa Keselamatan Dan Kesihatan Pekerjaan

Universiti Malaysia Sabah





UMS
UNIVERSITI MALAYSIA SABAH



MANUAL KESELAMATAN DAN KESIHATAN PEKERJAAN UNIVERSITI MALAYSIA SABAH

PUSAT KESELAMATAN DAN
KESIHATAN PEKERJAAN
UNIVERSITI MALAYSIA SABAH



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CERTIFICATE OF REGISTRATION

Certificate No. :
O-053/15

Initial Certification Date :
05 May 2015

Valid Until :
11 March 2021

This is to certify that the management system of

UNIVERSITI MALAYSIA SABAH

Jalan UMS,
88400 Kota Kinabalu,
Sabah.

has been found to conform to the Occupational Health and Safety Management System standard :

OHSAS 18001:2007

approval is hereby granted for registration providing the rules and conditions related to certification are observed at all time.

Scope of Certification:

Provision of Occupational Safety & Health Management System for Chancellery Office, Internal Audit Division, UMS Islamic Centre, Department of Information Technology and Communication, Centre for Occupational Safety and Health, EcoCampus Management Centre, Faculty of Science and Natural Resources, Biotechnology Research Institute, Library and "Pusat Minda Lestari".

Place and date issued :
BANDAR BARU BANGI, SELANGOR; 01 June 2018




AYOP SALLEH
Chairman


SYAMSUL ZAHIRIN ZAINUDIN
General Manager



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MS 1722:2011

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AYOP SALLEH
Chairman


SYAMSUL ZAHIRIN ZAINUDIN
General Manager



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Scan me

**LAPORKAN KEMALANGAN
DI TEMPAT ANDA**

INSTITUT BIOLOGI TROPIKA DAN PEMULIHARAAN




Transformasi Ke Arah
UNIVERSITI
INDUSTRI 4.0

KEY COMPONENTS OF GOOD SAFETY AND HEALTH CULTURE

- ❑ Visible commitment of top management
- ❑ Transparent methods of informing & consulting with the workforce
- ❑ Recognition of fact that everyone has a role to play
- ❑ Cooperation between employees
- ❑ Open two-way communications
- ❑ High quality of training


ESSENTIAL ELEMENTS OF GOOD SAFETY & HEALTH CULTURE OF OSH MANAGEMENT SYSTEM

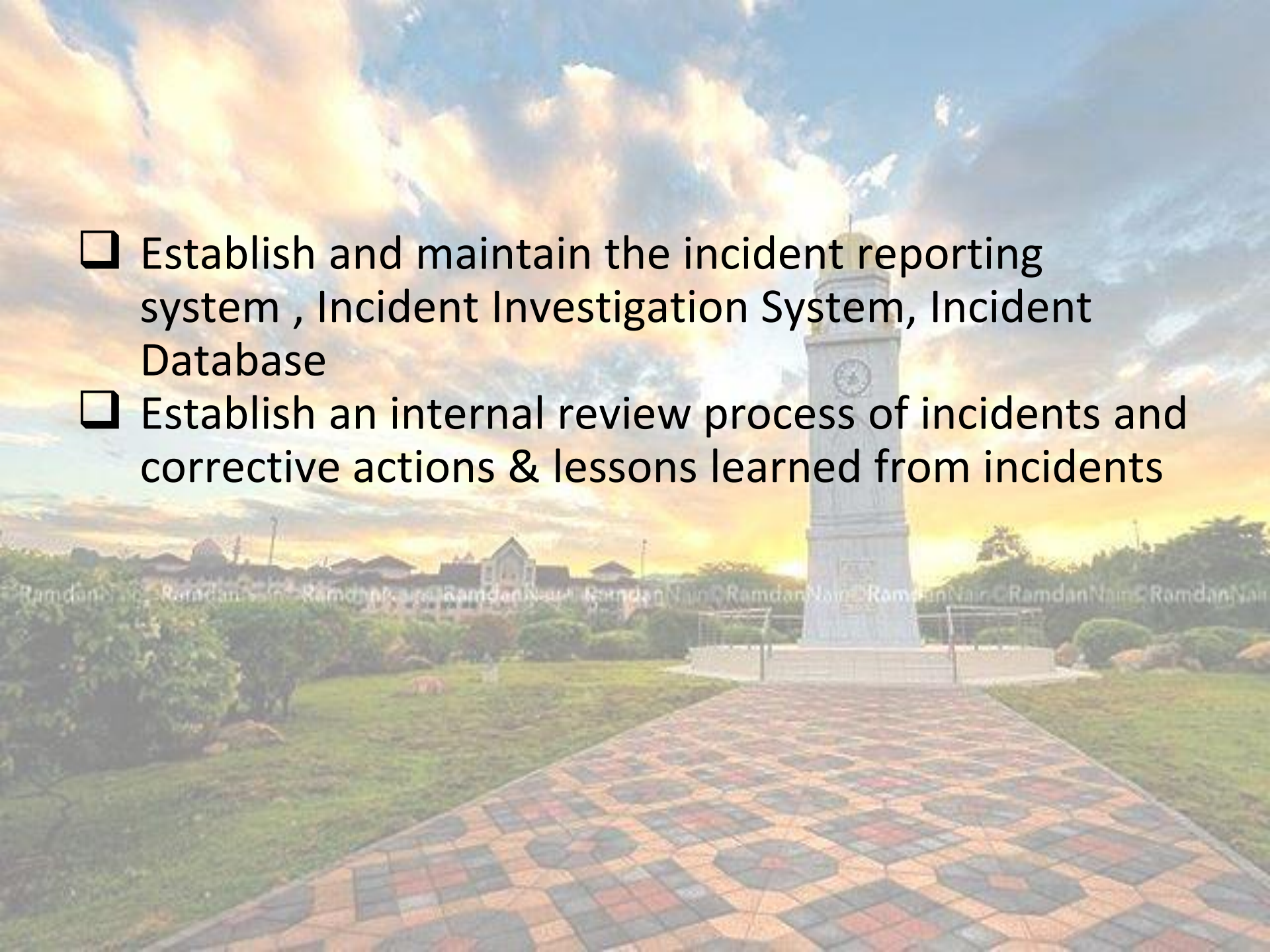
- ☐ Link OSH to institution's strategic corporate objectives
- ☐ Understand OSH risk profile of the institution
- ☐ Clearly defined responsibilities & accountabilities for all staff
- ☐ Effective communication & consultation on OSH
- ☐ Development of OSH competency that supports management system
- ☐ Integration of OSH management into institution's planning process
- ☐ Allocation of sufficient resources for management of OSH

- 
- ❑ Meaningful set of OSH performance measures
 - ❑ Ability to review the working of OSHMS and learn from positive & negative experience

RECOMMENDATIONS FOR CREATING STRONG OSH PREVENTIVE CULTURE IN THE UNIVERSITY

- ☐ Establish lines of authority of safety and health - develop policy, roles & responsibilities
- ☐ Encourage every leader to become and demonstrate in their actions with other staffs and students
- ☐ Establish strong, effective safety and health management system and program for the institution
- ☐ Ensure the implementation of OSH plan and activities by line managers (academic & professional staff) and supervisory staff at faculty/department monitor and check rules are being followed

- 
- ☐ Implement hazards analysis procedures in all work areas
 - ☐ Build awareness and caring on safety and health throughout curriculum
 - ☐ Include safety and health education in the research grant proposals
 - ☐ Adopt “Safety Ethic”- value safety, work safely, prevent at risk behavior, promote safety, accept responsibility for safety

- 
- The background of the slide is a photograph of a mosque minaret. The minaret is a tall, white, cylindrical structure with a clock face near the top. It is situated on a grassy area with a paved path leading towards it. The sky is filled with large, colorful clouds in shades of orange, yellow, and blue, suggesting a sunset or sunrise. In the distance, other buildings and trees are visible.
- ❑ Establish and maintain the incident reporting system , Incident Investigation System, Incident Database
 - ❑ Establish an internal review process of incidents and corrective actions & lessons learned from incidents

INTEGRATING OSH INTO UNIVERSITY-LEVEL EDUCATION

- ❑ Important part in creating and promoting preventive culture in the workplace
- ❑ Professionals entering workforce also need risk education in order to develop OSH skills, knowledge and attitudes
- ❑ Integrates OSH modules within courses
- ❑ OSH training in practical work
- ❑ Specific postgraduates OSH courses

THE WAY FORWARD

- ❑ Develop a 'whole-university' approach to creating a safe and healthy work environment.
- ❑ Strengthen OSH management to prevent risks with raising awareness and developing knowledge, skills and safe attitudes and behaviour in staff, students, contractors, visitors.
- ❑ Strengthen collaborative interactions within institution & with relevant stakeholders and industries.



THANK YOU