

# Standard Operating Procedure



**LMS – GSFC University and GIDM  
Student's manual**

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# Introduction

This is a learning management system developed to create efficient and skill enriched courses. Here we have studio for the faculties wherein they can effortlessly create knowledge, skill enriched content. And then we have the learner's view wherein one can gain amazing amount of knowledge and skills through the medium of the LMS.

Here in this document, we lay the standard operating procedure which will help user as a guide.

## S.O.P for Student

### 1. Registration

The screenshot shows the GSFC University LMS homepage. At the top left, there are logos for Gujarat Institute of Disaster Management and GSFC University. A navigation bar contains the text "Explore courses" and two buttons: "Register" and "Sign in". The main header features the text "GSFC University" and the tagline "The place for all your online learning". Below this is a search bar with the placeholder text "Search for a course" and a magnifying glass icon. Three course cards are displayed in a row. The first card is for "Disaster Risk Management" (GIDM DM\_101) with a blue and red graphic. The second card is a "Demo" (GIDM DM\_1001) with a white background. The third card is for "Safety Engineering 2" (GSFCUniversity PGDIS-104) with a blue background and an image of three workers in hard hats. Each card includes the course title, ID, and the start date "Starts: Jan 1, 2022".

Users who want to register as learner on the “**GUIDE**” LMS are supposed to visit [GSFC University](#), which will direct them to the above shown home page of LMS.

Then Click on Register button on the top right corner, and if you have registered previously then click on Sign In and enter your login details.

- Register

When the user clicks on register the form, as shown below, asks the user to enter his details required for registration. And after filling the details, the user is supposed to click on Create Account to register him/her on the LMS. The user will then receive an E-Mail for activation of their account.

Already have an GSFC University account? [Sign In](#).

#### Create an Account

Full Name

Public Username

Email

Password

Support education research by providing additional information

I agree to the GSFC University [Terms of Service](#) ✓

[Create Account](#)

My Courses

You are not enrolled in any courses yet.

[Explore Courses](#)

Search Your Courses



- ## Sign In

If the user has already registered him/her on the LMS then he/she could directly Sign In using their ID and Password.

And if user forgets the password then they must click on the need help drop box, which will show the “Forgot Password” button, using which the user could recover or create new password.

First time here? [Create an Account](#).

### Sign In

Email

teststripe21@gmail.com

The email address you used to register with GSFC University

Password

\*\*\*\*\*

[Need help signing in?](#)

Sign in

## 2. Enrolment

Viewing 3 courses

Search for a course 



**DISASTER RISK MANAGEMENT**

GIDM  
DM\_101  
Disaster Risk Management

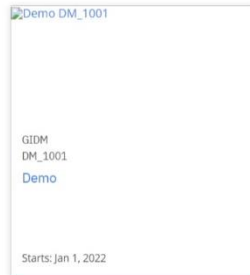
Starts: Jan 1, 2022



**Safety Engineering 2**

GSFCUniversity  
PGDIS-104  
Safety Engineering 2

Starts: Jan 1, 2022



**Demo DM\_1001**

GIDM  
DM\_1001  
Demo

Starts: Jan 1, 2022

Refine Your Search

<b>modes</b>	
honor	3
<b>org</b>	
GIDM	2
GSFCUniversity	1
<b>language</b>	
en	3

## Safety Engineering 2

GSFCUniversity

Enroll Now



### About This Course

The Fire & Safety as a subject has become very important in view of rapid industrialization and development of new technology and consequent enactment of various legislation for ensuring safety & security of the property & life. In view of the changing scenario at the national and international level in the field of Science and Technology, there is a great demand for Safety personnel in the Industries and construction sector as per Section 40B(2) Factories Act 1948. However with recent incidents of fire in UPL, ONGC & various GIDC in Gujarat. There is a great demand for skilled and competent Safety Professionals. GSFC University is committed to high academic standards. Post Graduate Diploma in Industrial Safety (PGDIS) is provided by GSFC University as one year Program. PGDIS Program is designed as per the needs of Safety Officers in Industries along with case study, seminars, safety audits & industrial visits. Students will also get theoretical and practical knowledge by undergoing industrial visits, Industry defined project. The course of PGDIS is designed to full fill recent demands of industrial career. The Program provide an opportunity to make a career in construction industry, petrochemical & Oil & Gas, Process industries, Aviation & Marine industry. Opportunity for the placement may be provided by the Institute.

### Requirements

Graduate degree in science/engineering.

### Course Staff



**Piyush Tripathi**

Visiting Faculty GSFCU  
Director - HSE-RM SOLUTIONS

Course Number	PGDIS-104
Classes Start	Jan 1, 2022
Estimated Effort	2

About Contact

Terms of service - Indigo theme for Open edX

To enrol into the desired course the user must click on the course banner which will show the course details and enrol button, by clicking on the enrol button the user will be successfully enrolled in the course. The enrolled courses will be shown under “My Courses” section.

## 3. Course

After enrolling in the desired course, the user is supposed to click on start course button, which will reset the course start date and assignment submission dates.



The screenshot displays the course interface for 'Safety Engineering 2'. At the top left, there are logos for Gujarat Institute of Disaster Management and GSFC University, along with the course ID 'PGDIS-104'. A 'Help' button and a user profile 'Divyesh' are visible in the top right. Below the course title, there are navigation tabs for 'Course', 'Progress', and 'Dates'. A prominent purple 'Start Course' button is located on the right side. Underneath, there is an 'Expand all' button and a 'Course Tools' section with a 'Bookmarks' icon. A list of units is shown, with 'Unit 1 - Metallurgical Industry' being the first item, accompanied by a plus sign icon.

Once the user clicks on “Start Course”, he/she will be provided with material, which might be in the form of book or video lectures.

< Previous Next >

**Lecture**  
Bookmark this page

Video

**TEXTILE INDUSTRY**

**Flow Sheet of Manufacturing Process of Polyester Fibers**

The flowchart for Polyester Fibers starts with 'PET Chips' and 'Isophthalic Acid' being combined in a 'Drying' step. This is followed by 'Polycondensation' to produce 'Melt Spinning' and 'Spinning Spindle'. The process then moves to 'Spinning of Synthetic Fibers', which includes 'Drawing' and 'Winding' steps, leading to 'Preparation of Polyester Yarn' and 'Cutting'.

**Flow Sheet of Manufacturing Process of Vinyon Fibers**

The flowchart for Vinyon Fibers starts with 'Natural Gas' and 'Hydrogen' being combined in a 'Polycondensation' step. This is followed by 'Melt Spinning' and 'Spinning Spindle'. The process then moves to 'Drawing' and 'Winding' steps, leading to 'Preparation of Vinyon Yarn' and 'Cutting'.

UNIT 1: Safety Engineering - 2

< Previous Next >

And if clicked on the unit banner, the user will be able to see the subsections of the unit. The user can download reference material in form of PDF



## Safety Engineering 2

Start Course

Expand all

Course Tools

Bookmarks

☑ Unit 1- Metallurgical Industry -

☑ Introduction to the course

☑ Overview

☑ Master Notes-Unit 1

☑ Test - Unit 1 (1 Question)

- Assignment/Quiz

Faculties design test/quiz for the learner/student.

The learner can give these tests and can analyse his/her performance on the basis of grades.

The grades of assignments/quizzes will have impact on the certification of the course.



### Quiz

Bookmark this page

#### Quiz

3/6 points (graded)

Q1 The Metal smelting and refining industry processes metal ores and scrap metal to obtain pure metals?

True

False



Q2 Metals and Alloys are used as starting material for making bars and strips

True

False



Q3 Pyrometallurgy is of extractive metallurgy?

True

False



Q4 Hydrometallurgy uses leaching agent for metal compound extraction?

True

False



Q5 Smelting and refining of metal ores and scrap involves basic processing techniques like?

Thrashing

Fusing

Compacting

Melting



Q6 Welding and cutting operation basic processing technique is?

Forging

Fusing

Compacting

Casting



Submit You have used 1 of 1 attempt

- Progress

Under the “Progress” tab the user can see their course progress and cumulative grades.

Course Progress Dates

**Your progress**

**Course completion**  
This represents how much of the course content you have completed. Note that some content may not yet be released.

14% completed

**Grades**  
This represents your weighted grade against the grade needed to pass this course.

Your current grade: 50%  
Passing grade: 40%

✔ You're currently passing this course with a grade of Satisfactory (40-70%) ⓘ

**Grade summary** ⓘ

Assignment type	Weight	Grade	Weighted grade
Test - Unit 1	100%	50%	50%
Your current weighted grade summary			50%

**Detailed grades**

Unit 1 - Metallurgical Industry	Score
Test - Unit 1	3/6

For progress on ungraded aspects of the course, view your Course Outline.

- Dates

Under “Dates” section the user can see all the important date, e.g. assignment submission date, related to the selected course.

Course Dates


**Important dates**

- Sat, Jan 1, 2022  
Course starts
- Tue, Feb 1, 2022 Today

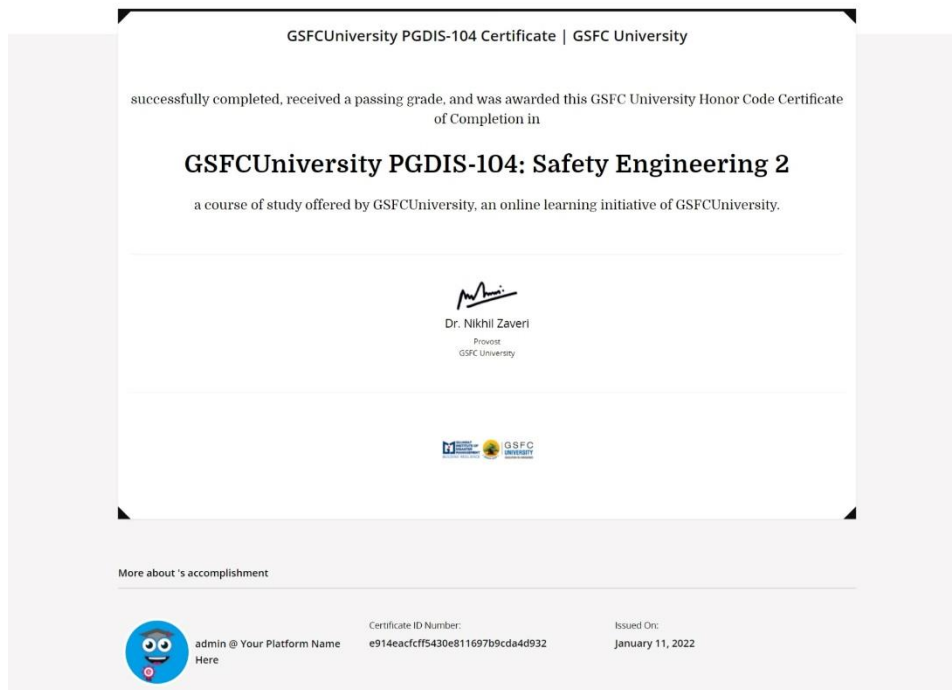
## 4. Certificate

After completion of the certification course and getting grades equal to/ more than demanded by the faculty a learner will get awarded with a certificate. The user can then print or download the certificate.

\*Not all courses are certification courses.

A black notification box with white text. It says ". you earned a certificate!" followed by "Congratulations! This page summarizes what you accomplished. Show it off to family, friends, and colleagues in your social and professional networks." Below this is a button with a printer icon and the text "Print Certificate".

GSFC University acknowledges the following student accomplishment

A preview of a certificate. The header reads "GSFCUniversity PGDIS-104 Certificate | GSFC University". The main text states: "successfully completed, received a passing grade, and was awarded this GSFC University Honor Code Certificate of Completion in". Below this, the course title "GSFCUniversity PGDIS-104: Safety Engineering 2" is prominently displayed, followed by "a course of study offered by GSFCUniversity, an online learning initiative of GSFCUniversity." A signature of Dr. Nikhil Zaveri is shown, with the text "Dr. Nikhil Zaveri, Provost, GSFC University" underneath. Logos for Gujarat Institute of Disaster Management and GSFC University are at the bottom. Below the certificate preview, there is a section titled "More about 's accomplishment" with a profile picture of a user named "admin @ Your Platform Name" and a link "Here". To the right, it lists "Certificate ID Number: e914eacff5430e811697b9cda4d932" and "Issued On: January 11, 2022".

### About GSFC University

GSFC University offers interactive online classes and MOOCs.  
[Learn more about GSFC University](#)

### About GSFC University Accomplishments

GSFC University acknowledges achievements through certificates, which are awarded for course activities that GSFC University students complete.