Course Description Form
Monsoon 2025

Section A:								
Course Code	ENTER CODE							
Course Title	Mathematics In The Real World I							
Course Credits	2	**No. of Contact Hours/week**	**L:**	0	**T:**	0	**P:**	2
School	School Of Natural Sciences							
Offered By	Mathematics							
Method of Instruction:	Online	**Offered in:**	Summer Term	Full Semster				
Check each box, when applicable, if the course covers one or more of the below listed attributes								
☒	**REALS**	☒	**VELS**	☒	**DISE**			
Prerequisites	None							
None								
Fill this, if applicable: A Similar Course Was Offered With Code ..... In Year								

NOTE:

Section B:This course is offered as (use checkbox) for which Programs			
☒	Major Core for:	Mathematics	Not required
☐	Major Elective for:	Enter The Name Of the Program(S) For Which This Is a Major Elective	Instructor's Approval
☐	UWE for:	Enter The Name Of the Program(S) For Which This Can Be A UWE	Instructor's Approval
☒	Project /UG Thesis / Internship	Any Other Information	Not required
☐	CCC for:	Choose a Category	Instructor's Approval
☐	Specialization (If applicable)	Mention The Specialization	Instructor's Approval
☐	Minor (If applicable)	Mention The Minor(S)	Instructor's Approval
Estimated No. of Seats:	1000	Estimated Number of Sections	100

Section C: State the Program Learning Goals of the Major Degree Program mapped to the Core Course (Applicable to Major Core courses only)
PLG1
PLG2
PLG3,4,5

Section D: State the Course Objectives / Aim (Specific details of what the course intends to achieve in terms of student knowledge and ability. Items should begin with phrases such as "To provide students with …", "To enable students to …", "To develop students' skills in …" and so on.)
1. Foster creativity and critical thinking 2. Develop students' ability to work in teams through participation in collaborative projects 3. Get familiarised with real-world applications of mathematics 4. Acquire practical knowledge outside the classroom

Section E: State the Learning Outcomes (A list of what students will know or be able to do as a result of successfully completing the course. Should be expressed as knowledge, skills, or attitudes.)
On successful completion of the course, students will be able to:
1. Formulate problems In Mathematics And Its Applications. 2. Effectively Communicate The Goals And Results Of A Project. 3. Be An Effective Member Of A Team, Making Individual Contributions.

Section F: State if course contributes to any skill development
Student Will Acquire The Skill Of Mathematizing A Problem And Tackling Real World Issues

Section G: Module-wise Curriculum Content (Syllabus, Lab work, Project, Term paper, Group work, etc.)
1. Primarily, students will earn MRW credits by summer programs, workshops or internships in other institutions, industry, NGOs, etc. 2. Students who are not able to be placed in external organisations will be provided an opportunity to participate in team projects mentored by SNU faculty. These will be conducted online during the summer term. 3. Assessment will be based on mentor feedback and the final presentation and report. Grades will be S/U (Satisfactory/Unsatisfactory) Add additional sheet(s), if required

Section H: Text Book(s), Reference book(s) and any other study material
N/A

Section I: Please fill in all the rows for the applicable rows. For evaluation component not included in the list, use the last two rows and mention the evaluation component in the corresponding last column. Please see the NOTE below this box for the prorate policy.					
	Component	Weightage %	Missed Graded Component Policy	Use of Gen AI policy	Any Other Information
☐	Mid Sem Exam	0.00	Please Select	Please Select	other info
☒	End Sem Exam	30	I grade awarded on approval from De	Prohibited: No Gen AI	Presentation
☐	Quiz(s)	0.00	Please Select	Please Select	other info
☐	Assignment(s)	0.00	Please Select	Please Select	other info
☐	Lab	0.00	Please Select	Please Select	other info
☐	Project	0.00	Please Select	Please Select	other info
☐	Case Studies	0.00	Please Select	Please Select	other info
☐	Group Discussion	0.00	Please Select	Please Select	other info
☒	Any Other Component	70.00	None	Prohibited: No Gen AI	Mentor feedback
☐	Any Other Component	0.00	Please Select	Please Select	other info
	Total **Weightage** (%)	100.00			

Note:
a) While you may mark multiple evaluation components for pro-rate. However, if a particular student misses multiple evaluations, *not more than 20% of the evaluation can be prorated for that student.*
b) The best n out of m: Please make sure that n < m.
c) Award of 'I' grade is applicable only in the case of the End-term Exam. Additionally, end-term exams or final assessments cannot be prorated or waived.
d) Individual faculty can decide the prorate policy for each component.

e) 'None' as an option can only be used in exceptional cases, for example lab evaluated by an external expert

Section J: Grading Policy (*Tick the one You intend to follow)*				
☐	**Relative** Grading	Please Provide Details		Please Mention The Rounding Off Policy And Any Other Information
☒	Absolute Grading	**Grade**	**Range** *(replace M's appropriately)*	
		A	M1 <= marks <= M2	60% needed for S grade
		A-	M1 <= marks <= M2	
		B	M1 <= marks <= M2	
		B-	M1 <= marks <= M2	
		C	M1 <= marks <= M2	
		C-	M1 <= marks <= M2	
		D	M1 <= marks <= M2	
		E	M1 <= marks <= M2	
		F	M1 <= marks <= M2	

Section K: Details about instructors teaching this course. For multiple instructors in a course, mention each name once after the other					
Name of the Instructor(s):	Please Enter Your Full Name Prof XYZ Prof ABC			**Section(s)**	List Sections L1, L2, L3
Office Location	Office K 120 L 325	**Tel. Extension***	999	**Email:**	.....@snu.edu.in abc@snu.edu.in xyz@snu.edu.in
About the Instructor(s): Click Here To Enter About 250 Words about each instructor teaching the course`					

***** - Optional

Section L: Office Hours
Please let the students know the day(s) and time slot(s) for any consultation. You may update this at the start of the semester.

Section M: Any other information
Any other information you would like to specify in relation to the above course