



# AISSMS

## COLLEGE OF ENGINEERING

ज्ञानम् सकलजनहिताय  
Accredited by NAAC with "A+" Grade



## Department of First Year Engineering

### Faculty Profile

**Prof. Marilyn Albert D'Cruz**

ME (Structural Engineering)

Assistant Professor



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🔗 [https://scholar.google.com/citations?user=7y4\\_vIEAAAJ&hl=en](https://scholar.google.com/citations?user=7y4_vIEAAAJ&hl=en)

🔗 [https://www.linkedin.com/in/merilyn-dcruz-b00678142/?msgControlName=reply\\_to\\_sender&msgConversationId=6696006202238787584&msgOverlay=true](https://www.linkedin.com/in/merilyn-dcruz-b00678142/?msgControlName=reply_to_sender&msgConversationId=6696006202238787584&msgOverlay=true)

## Research Areas / Areas of Interest

Concrete, Structures, Environment and Innovations

## Personal Details

**Date of Birth:** 30 / 01 / 1987      **Domicile:** Maharashtra

**Gender:** Female      **Blood Group:** O +ve

**Contact Details:** 27, Sassoon Road, Opp. Jehangir Hospital, Ladkatwadi, Pune

## Academic Background

S. No.	Qualification	Specialization	University	Class/ Grade	Year of Passing
1	Ph.D. (Pursuing)	Civil Engineering	VIIT, Pune	--	--
2	M.E.	Structural Engineering	Pune	1 <sup>st</sup>	May 2011
3	B.E.	Civil Engineering	RTMNU	1 <sup>st</sup>	May 2009

## Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	10	09
2	Research	00	00
3	Industry	00	00
<b>Total</b>		<b>10</b>	<b>09</b>

## Subjects / Courses Taught

S. No.	Subject	UG/ PG	Class (FE/SE)	No of times Subject Taught
1	Engineering Mechanics	UG	FE	14
2	Basic Civil & Environmental Engg.	UG	FE	06
3	Environmental Studies-I	UG	FE	04
4	Environmental Studies-II	UG	FE	04
5	Project Based Learning	UG	FE	03
6	Concrete Technology	UG	SE (Civil)	02
7	Soft Skills	UG	SE (Civil)	01
8	Employability Skills	UG	TE (Civil)	01
9	TQM & MIS	UG	BE (Civil)	01
10	Structural Design-II (Pract.)	UG	TE (Civil)	02
11	Arch. Planning & Design of Buildings (Pract.)	UG	SE (Civil)	01

## B.E. Students Guided for Project

Level	Ph.D	M.E. (PG)	B.E. (UG)
No. of Student guided	.	-	26
No. of Student co-guided			05

## Professional Memberships

Professional Body	Level (National/International)	Type (Fellow/Life/Annual)	Membership No.
The Institution of Engineers (India)	National	Associate Member	AM1757051
Indian Society of Technical Education (ISTE)	National	Life Member	LM 134178
Solar Energy Society of India (SESI)	National	Life Member	LM/2592/2021

## Copyright Details

S. No	InvestigatorDetails	Title	Year	Status	Details
1	Mrs. Marilyn D'Cruz Dr. Preeti Kulkarni Prof. Shreenivas Londe	PhD Title	2022	Registered	-

## Contribution as Resource Person

S. No.	Course	Semester / Branch	Subject Title	Institute
1	B. Tech	Sem - IV (Civil)	Basic Civil Engineering	COEP, Pune
2	Speaker at Induction Program (AICTE)	FE (Civil)	Social Media Handling	AISSMS COE

## Courses Completed

Sr No	NPTEL Certification	Duration	Achievement
1	NPTEL Certification in “Design, Technology and Innovation”	Aug-Oct 2021	Elite + Gold
2	NPTEL Certification in “Soft Skills Development”	Jan-March 2021	Elite
3	NPTEL Certification in “Body Language: Key to professional success”	Sept-Oct 2020	Elite + Silver
4	NPTEL Certification in “Innovation by Design”	Aug-Sep 2019	Elite + Silver
5	NPTEL Certification in “Developing Soft Skills and Personality”	Aug-Oct 2018	5% topper of the Course (Elite)
6	NPTEL Certification in “Introduction to Research”	Aug-Sep 2018	Elite
7	NPTEL Certification in “Design of Reinforced Concrete Structures”	Jul-Oct 2017	Elite
8	Completed NITTT1 M3 - Module 3_Communication Skills, Modes & Knowledge Dissemination	Sept-Oct 2021	79.1%
9	Completed NITTT - Module 4 - Module 4 Instructional Planning and Delivery	Sept-Oct 2022	76.5%
10	Completed NITTT - Module 7 - Creative Problem-Solving Innovation and Meaningful R&D	Sept-Oct 2022	73.7%
11	ATAL FDP on “Design Thinking and Product Development”	23rd-27th Aug 2021	Successfully Completed
12	ATAL FDP on “Design of experiments and Artificial Neural Network”	16th-20th Aug 2021	Successfully Completed
13	ATAL FDP on “Design Thinking”	26th-30th Oct 2020	Successfully Completed
14	ATAL FDP on “Gamification”	16th-20th Nov 2020	Successfully Completed

## Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
<b>Journals</b>	-	02	-	-	-
<b>Conferences</b>	02	-	-	-	-

## Publications Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ISSN	Publisher
01	Visual Defect Survey: Case Study of RCC Structure”	Prof. M. A. D’Cruz	June 2014	Vol III, Issue VI June 2014 Pg 52 – 57	ISSN: 2278 - 2540	International Journal of Latest Technology in Engineering, Management and Applied Science
02	Structural Soundness of Buildings	Ms. M. J. Monteiro Mrs. Nutan Pathak	Oct 2011	Vol 04, No 06 SPL Pg 677-680	ISSN: 0974-5904	International Journal of Earth Sciences and Engineering

## Publications Details (Journals)

S. No	Document Details	Authors	Year	Level	Organizers
01	Impact of Lightning on Buildings and Remedial Measures	Ms. M. J. Monteiro Ms. S. S. Bhuinyan Mrs. Nutan Pathak	24 <sup>th</sup> -26 <sup>th</sup> Sept 2010	National Conference for Women	SHAKTI and COEP
02	Green Technology – A fight against Global Warming	Ms. S. S. Bhuinyan Ms. M. J. Monteiro Mrs. Nutan Pathak	24 <sup>th</sup> -26 <sup>th</sup> Sept 2010	National Conference for Women	SHAKTI and COEP

## Details of Workshop / STTP / FDP / Seminar Organized

S. No	Title	Type	Duration	No. of Students	Sponsoring Agency
1	Industrial Visit to Pimpri-Chinchwad Science Park for FE Students co- organized in March 2023	Industrial Visit	1 Day	110 Students	AISSMS COE
2	Indian Institute of Tropical Meteorology, Pashan in May 2022	Industrial Visit	1 Day	167 Students	AISSMS COE
3	Organizer of Industrial Visit Agricultural College for FE Students in Feb 2020	Industrial Visit	1 Day	115 Students	AISSMS COE
	Industrial Visit to Pimpri-Chinchwad Science Park for FE Students co- organized in Nov 2019	Industrial Visit	1 Day	132 Students	AISSMS COE
4	Skills to make you Interview Ready PLATFORM: ZOOM SOFTWARE	Expert Lecture	1 Day 9 <sup>th</sup> June 2020	448 Participants University Level	AISSMS COE in collaboration with Orgment Talent Consulting Services & ISTE
5	Pune Metro Rail Project DATE: 29 <sup>TH</sup> May 2020 PLATFORM: ZOOM Software	National Webinar	1 Day 29 <sup>th</sup> May 2020	766 Participants National	AISSMS COE in collaboration with J Kumar Infra Projects Ltd.
6	A Smart and Sustainable World in Concrete & Structures	National Short- Term Program	1 Week 4 <sup>th</sup> to 8 <sup>TH</sup> June 2020	700+ Participants National	UltraTech Cement Ltd.

	DATE: PLATFORM: GO TO WEBINAR (Industry Login-)				
7	Online Quiz on Engineering Mechanics PLATFORM: Google Forms	Online Quiz	1 Week 15 <sup>th</sup> to 20 <sup>th</sup> May 2020	1292 responses University Level	AISSMS COE
8	Online Quiz on Environmental Studies PLATFORM: Google Forms	Online Quiz	1 Week 15 <sup>th</sup> to 20 <sup>th</sup> May 2020	1483 responses University Level	AISSMS COE
9	“Opportunities for civil Engineers in Transportation Engg. Field”	International 1 Webinar	One Day 18 June 2020	International	Industry Institute Interaction Cell of AISSMS, COE
10	Inauguration Ceremony of PARAMARSH 2020	Panel Discussion	1 Day 15th June 2020	University Level	Media Committee AISSM Society
11	"Coffee & Conversation with Alumni" Guest: Mr. Swapneel Deshpande)	Panel Discussion	1 Day 11th June 2020	Institute Level	Media Department & AISSMS COE PUNE
12	PARAMARSH 2020- Career after 12th Science – Guidance & Counselling	Panel Discussion	1 Day 7th July 2020	State Level	Media Committee AISSM Society
13	“Civil Post Graduate Conference 2016”	PG Conference	2 Days 9 <sup>th</sup> & 10 <sup>th</sup>	University Level	AISSMS COE with BoS Civil Engineering SPPU

## Details of Workshop / STTP / FDP / Seminar Attended

S No.	Title	Type	Duration	Organizer	
1	Nuances of Scientific Publishing by Mr. Aninda Bose, Executive Editor, Springer Nature Group	Webinar	1 Day	VIIT, Pune	26 <sup>th</sup> April 2023
2	Attended IP Awareness and Training Program under National Intellectual Property Awareness Mission	Online Training	1 Day	Intellectual Property Office and MOE's Innovation Cell India	June 28, 2022
3	Kalam Program For IP Literacy & Awareness & National IP Literacy Week (NIPLW)	Online Workshop	1 Week	Ministry of Education's Innovation Cell, Govt. of India	Nov 2020
4	Innovative and Inventive Problem Solving (IIPS-2021)	STTP	1 Week	AICTE & AISSMS COE	29 June – 04 July 2021
5	IPR and Patent	Workshop	1 Day	AISSMS COE Pune	25 <sup>th</sup> Sept 2021
6	Teaching-Learning-Evaluation Hackathon	Hackathon	1 Week	Symbiosis International Deemed University	19 <sup>th</sup> -25 <sup>th</sup> Nov'21
7	Empowering the next generation of engineers & innovators	Virtual Conclave	1 Day	Elsevier & Delhi Technological University	Sep 15th 2020
8	“Online Motivation Workshop” by Er. Avinash Chate (Managing Director, ABC Group)	Motivational Workshop	1 Month	Civil Engineering Department, Maharashtra Institute of Technology Aurangabad and ABC Group Aurangabad	August 1-30, 2020

## Major Responsibilities Handled

S. No.	Role and Responsibilities
1	Member of Institute Media Committee
2	Departmental Annual Report In-charge
3	Departmental Technical Magazine In-charge
4	Induction Program Report In-Charge
5	Departmental NBA Criteria IV – Committee Member
6	In-charge Departmental Reports
7	Departmental Faculty Presentation In-charge
8	First Year Engineering Admission Committee Member
9	Guide for BE Project Students and TE Seminar Students
10	Appointed as a Paper Setter for Basic Civil Engineering at College of Engineering, Shivaji Nagar, Pune in March 2015
11	Appointed for Central Assessment Programme as an Examiner
12	Worked as Study Circle Activity In-Charge in Civil Engineering Department
13	Worked as Departmental Website Coordinator
14	Worked as Faculty Coordinator for Engineering Today
15	Worked as Co-Guide for B.E. Civil Students
16	Worked as Lab In charge – Engineering Geology Lab
17	Appointed as Guardian Faculty Member
18	Mentor for allotted batches every Semester
19	Worked as Departmental Library In-charge for the AY 2013-14

## Awards Received

S. No.	Awards
1	Awarded as “Ms. AISSMS CONGENIALITY” (Faculty Category) in AISSMS DIVA 2021 organized by All India Shri Shivaji Memorial Society on 9th March 2021
2	NPTEL Certification in “Design, Technology and Innovation” Aug-Oct 2021 (Gold+Elite)
3	Certificate of Appreciation for dedication and commitment to the Media and Marketing Department AY 2020-21 - AISSM SOCIETY
4	NPTEL Certification in Developing Soft Skills and Personality Aug-Oct 2018 with being 5% topper of the Course (Elite)

## E-Content Developed

S No.	e-content Developed	Link of Content Developed
1	YouTube Channel with content of Engineering Mechanics	<a href="https://www.youtube.com/@merilyndcruz24">https://www.youtube.com/@merilyndcruz24</a>
2	Contributed towards e-content Website (PPTs, notes, Question Bank etc) for Engineering Mechanics	<a href="https://sites.google.com/aissmscoe.com/mechanics/ppts/unit-i?authuser=0">https://sites.google.com/aissmscoe.com/mechanics/ppts/unit-i?authuser=0</a>
3	Inspirational Writings	<a href="https://theangelsecrets.wordpress.com/">https://theangelsecrets.wordpress.com/</a>
4	MHT-CET Preparation- Chemistry videos for 12th standard students to excel in their CET Exam	<a href="https://www.youtube.com/watch?v=E6p1aAzWFbI&amp;t=10s">https://www.youtube.com/watch?v=E6p1aAzWFbI&amp;t=10s</a>
5	MHT-CET Preparation- Mathematics videos for 12th standard students to excel in their CET Exam	<a href="https://www.youtube.com/watch?v=3R9IuPiB34s&amp;t=9s">https://www.youtube.com/watch?v=3R9IuPiB34s&amp;t=9s</a>
6	MHT-CET Preparation- Physics videos for 12th standard students to excel in their CET Exam	<a href="https://www.youtube.com/watch?v=mveOhUEBsgI&amp;t=22s">https://www.youtube.com/watch?v=mveOhUEBsgI&amp;t=22s</a>

**Declaration:** I hereby declare that all the statement made above are correct to the best of my knowledge and belief.

**Mrs. Marilyn A. D’Cruz**