



Department of First Year Engineering

Faculty Profile

Mrs. O. K. Deshmukh

M.Sc. (Mathematics), B.Ed., SET

Assistant Professor

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Research Areas / Areas of Interest

Differential Equations

Fractional Calculus

Personal Details

Date of Birth : 15 / 05 / 1988

Domicile: Maharashtra

Gender : Female

Blood Group: B+ve

Contact Details: Flat No. 202, Vedant Residency, Vithhal Nagar, Hadapsar,
Pune-411028

Academic Background

S. NO.	Qualification	Specialization	University	Class/Grade	Year of Passing
2	S.E.T.	Mathematics	SPPU	--	May 2018
3	M.Sc.	Mathematics	SPPU	First Class	June 2010
4	B.Ed.	Maths, Science	SPPU	First Class	June 2012

Work Experience

S. No.	Type of Experience	Years	Months
1	Teaching	14	00
2	Research	00	00
3	Industry	00	00
4	Others	--	--
Total		14	00

Subjects / Courses Taught

S. No.	Subject	UG/PG	Class (FE/SE/TE/BE/ME)	No of times Subject Taught
1	Engineering Mathematics I	UG	FE	12+
2	Engineering Mathematics II	UG	FE	10+
3	Engineering Mathematics III	UG	SE	14+

Research Publications

	National	International	State	SCI/ Scopus Indexed	UGC Approved
Journals	00	01	00	00	--
Conferences	00	00	00	00	--

Publication Details (Journals)

S. No	Document Details	Authors	Year	Source Details	ISBN/ ISSN	Publisher
1	On Noteworthy Applications of Laplace Transform in Real Life	Prajakta Jadhav, Ojaswini Deshmukh	2020	International Journal of Innovative Science and Research Technology, 5(3), 41-48	ISSN No.: 2456-2165	IJISRT, Digital Library

Publication Details (Conferences)

S. No	Document Details	Authors	Year	Conference Details	ISBN	Organised by
1	-	-	-	-	-	-

PhD / ME / BE Student Guided for Project

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

Professional Memberships

Professional Body	Level (National/ International)	Type (Fellow/Life/Annual)	Membership No.
Member of Indian Academy of Industrial and Applicable Mathematics	International	Life	LM-05

Patents / IPR Filed / Granted

S. No	Investigator Details	Title	Year	Status (Filed/Granted)	Details
1	-	-	-	-	-

Book Chapter Published

S. No	Title	Name of the Publisher	ISBN Number
1	-	-	-

Research Grants Received

S. No	Program	Duration	Funding Agency	Grant Amount
1	-	-	-	-

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

S. No	Title	Type	Duration	Level (State/National/ International)	Sponsoring Agency
1	State level workshop on Recent Trends in Application of Mathematics in Engineering & Sciences	Workshop	2 Days	State level	SPPU
2	National Level Three Days Online Faculty Development Program on Student Centric and Interactive Teaching Strategies using Technological Tools	FDP	3 Days	National level	SAE, Kondhwa
3	National Level Five Days Online Faculty Development Program on Improving 21st century teaching skills using technological tools	FDP	5 Days	National level	SAE, Kondhwa

Contribution as Resource Person

S. No.	Place/ Organization	Topic	Level(National/Int/ State/Regional)	Date
1	SCOE, Wadgaon	Engg. Maths.-III	Regional	10 August 2018
2	National level FDP at SAE, Kondhwa	ICT Tool-Hotpotato	National	24 April 2024

Details of Workshop / STTP / FDP / Conferences Attended

S. N	Title	Type	Duration	Organizer	Sponsoring Agency
1	ISTE Approved STTP on "Recent Trends in Energy & Environment"	STTP	25/06/2012 to 29/06/2012 = 01 week	GHRCEM, Pune	GHRC EM, Pune
2	One day workshop on "Engineering Mathematics & Examination Reforms"	Workshop	10/07/2012 to 10/07/2012 = 01 day	PICT, Pune	PICT, Pune
3	National workshop on "LaTeX Software"	Workshop	11/11/2013 to 16/11/2013 = 01 week	Department of Mathematics, University of Pune	SPPU
4	National Conference on Engg Applications of Mathematics (NCEAM)	Conference	05/06/2014 to 06/06/2014 = 02 days	MIT Academy of Engineering, Alandi.	MIT Academy of Engineering, Alandi.
5	State Level Workshop on "MATLAB"	Workshop	02 days	GHRCEM, Wagholi	SPPU
6	One day Workshop on "Excellence Journey for Leadership",	Workshop	01 day	Raisoni Group of Institution	RGI, Nagpur
7	State Level Workshop on "Applications of Mathematics"	Workshop	06/04/2018 to 07/04/2018 = 02 days	MIT -World Peace University, Pune	IAIAM & Bhaskaracharya Pratishtan, Pune
8	One day workshop on Engineering Mathematics-I (F.E. 2019 syllabus)	Workshop	27/07/2019 to 27/07/2019 = 01 day	Zeal College of Engineering and Research, Narhe	Zeal College of Engg and Research, Narhe
9	Participated in faculty development program on data science	FDP	02 days	SAE, Kondhwa	SAE, Kondhwa

10	Participated in national conference TIME-2019	Conference	16/11/2019 to 17/11/2019 = 02 days	IISER Pune	IISER Pune
11	STTP on MATLAB based teaching in mathematics	STTP	= 01 week	D.Y.Patil Institute of Technology	D.Y.Patil Institute of Technology
12	One day workshop on Engineering Mathematics-III(Civil, E&TC) (S.E. 2019 syllabus)	Workshop	29/06/2020 to 29/06/2020 = 01 day	D.Y.Patil institute of technology, Pimpri	D.Y.Patil institute of technology, Pimpri
13	One day workshop on Engineering Mathematics-III(IT, Computer) (S.E. 2019 syllabus)	Workshop	25/02/2021 to 25/01/2021 = 01 day	JSPM'S JSCOE, Hadapsar	JSPM'S JSCOE, Hadapsar
14	National webinar on effective and efficient writing of research papers.	Webinar	01/07/2020 to 01/07/2020 = 01 day	AISSMS COE, Pune	AISSMS COE, Pune
15	National level webinar on "Truth vs Proof".	Webinar	20/02/2021 to 20/02/2021 = 01 day	Maharashtra College of Arts, Science & Commerce, Mumbai	Maharashtra College of Arts, Science & Commerce, Mumbai

16	National workshop on Interdisciplinary mathematics.	Workshop	13/03/2021 to 14/03/2021 = 02 days	KBP college, Vashi	KBP college, Vashi
17	Webinar on "Understanding Intellectual Property and Patents"	Webinar	18/03/2021 to 18/03/2021 = 01 days	SAE, Kondhwa	SAE, Kondhwa
18	International FDP on "Demystifying Optimization Techniques"	FDP	22/03/2021 to 27/03/2021 = 01 week	BAIOT, Tamilnadu.	BAIOT, Tamilnadu.

19	Two week FDP on Entrepreneurship Development.	FDP	15/03/2021 to 27/03/2021 = 02 week	Sandip Institute of Technology & Research centre, Nashik.	Sandip Institute of Technology & Research centre, Nashik.
20	National FDP on “E-Contents and ICT tools for Innovative Teaching & Learning”	FDP	01/05/2021 to 07/05/2021 = 01 week	RCP, Roorkee	RCP, Roorkee
21	National FDP on “Life Skill Management”	FDP	05/07/2021 to 09/07/2021 = 01 week	Sir Visvesvaraya Institute of Technology , Nashik	Sir Visvesvaraya Institute of Technology , Nashik
22	Lecture Series on “Python and its some applications in Mathematics ”	Lecture Series (Workshop)	12/08/2021 to 16/08/2021 = 01 week	Department of Mathematics, K.T.H.M College, Nashik	Department of Mathematics , K.T.H.M College, Nashik
23	State Level FDP on “ Health and Happiness ”	FDP	11/11/2021 to 13/11/2021 = 03 days	K J College of Engineering and Management Research, Pune.	K J College of Engineering and Management Research, Pune.
24	International Conference on Mathematical Sciences for Advancement of Science & Technology	Conference	21/12/2021 to 23/12/2021 = 03 days	IMBIC, India	IMBIC, India
25	International Conference on “Fractional Calculus-2022”	Conference	18/01/2022 to 19/01/2022 = 02 days	School of Mathematics and Statistics, University of Hyderabad, India.	School of Mathematics and Statistics, University of Hyderabad, India.
26	“Fundamentals of IPR & Indian Patenting System”	FDP	11/03/2022 to 14/03/2022 = 04 days	Department of Civil Engineering in MMIT, Pune.	Department of Civil Engg in MMIT, Pune

27	"Introduction to Machine Learning" organized by	FDP	18/04/2022 to 22/04/2022 = 01 week	SITS, Lonawala.	SITS, Lonawala.
28	STTP on "Applications of Mathematical Modelling in Science and Engineering"	STTP	26/09/2022 to 30/09/2022 = 01 week	K J College of Engineering and Management Research, Pune.	K J College of Engineering and Management Research, Pune.
29	Workshop on NEP-2020 Implementation plan	Workshop	08/02/2023 to 08/02/2023 = 01 day	UGC- Human Resource Development Centre, SPPU	UGC- Human Resource Development Centre, SPPU
30	National level FDP on "Research Methodology: The Practical Approach"	FDP	24/04/2023 to 28/04/2023 = 01 week	Sinhgad Academy of Engineering, Kondhwa	Sinhgad Academy of Engineering, Kondhwa
31	FDP on "Innovative Practices in Teaching Learning Process"	FDP	19/12/2023 to 23/12/2023 = 01 week	Navsahyadri Group of Institution, Pune	Navsahyadri Group of Institution, Pune
32	Training program on "Skill Enhancement and Employee Development"	FDP	08/01/2024 to 12/01/2024 = 01 week	Sinhgad Academy of Engineering, Kondhwa	Sinhgad Academy of Engineering, Kondhwa
33	National level AICTE-ISTE approved two week FDP on "Innovative Teaching & Research Methodologies"	FDP	20/02/2024 to 04/03/2024 =02 week	SKNCOE, Pune.	SKNCOE, Pune.
34	One Day Workshop on Engineering Mathematics-I(2024 Pattern)	Workshop	10/08/2024 to 10/08/2024 = 01 day	International Institute of Information Technology, Pune	International Institute of Information Technology, Pune

35	National FDP on “ Integrating NEP 2020 into Higher Education: Strategies for Faculty Development & Curriculum Innovation”	FDP	02/09/2024 to 06/09/2024 = 01 week	Hindustan college of Arts & Science, Coimbatore	Hindustan college of Arts & Science, Coimbatore
36	One Day Faculty Orientation Workshop on Engineering Mathematics-II(2024 Pattern)	Workshop	22/01/2025 to 22/01/2025 = 01 day	K J College of Engineering and Management Research, Pune.	K J College of Engineering and Management Research, Pune.

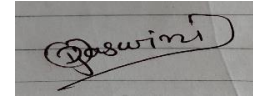
Major Professional Responsibilities Handled

S. No.	Role and Responsibilities
1	Worked as a “Member, FE Admission Committee”
2	Worked as a “Member of Facilitation Centre, FE Admission”
3	Worked as a “Coordinator, FE Induction Program”
4	Worked as a “Subject Coordinator, Engineering Mathematics-I, II, III”
5	Worked as a “Class Teacher, FE Students”
6	Worked as a “Teacher Guardian, FE & SE Students”
7	Worked as a “Assistant Program officer-NSS”
8	Worked as a “Exam Coordinator, SPPU Exam”
9	Worked as a “Coordinator of Student Association, FE student”

Awards Received

S. No.	Awards
1	--

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



Mrs. O. K. Deshmukh