

## INDIVIDUAL PROFILE

- 1) Name of the Faculty Member :- Marathe Deepak Motiram
- 2) Name of the Department :- Physics
- 3) Designation :- Associate Professor
- 4) Date of Birth :- 23/03/1966
- 5) Date of Appointment :- 01/08/1990
- 6) Total Experience :- UG: 33 Years PG: \_\_\_ Years
- 7) Residential Address :- vivekanandnagar, Chalisgaon Road Bhadgaon
- 8) Mobile Number :- 9421545011
- 9) Email ID :- dmmarathe25@gmail.com
- 10) Academic Qualification:-

Sr. No.	Degree	Subject	Name of the University	Year of Passing	Percentage / Grade
1	B. Sc.	Physics	Poona	1987	75
2	M.Sc.	Physics	Poona	1987	B+
3	M.Phil.				
4	Ph.D.	Physics	KBCNMU, Jalgaon	2019	
5	NET/SET				

### 11) Research Work by Degree:-

Sr. No.	Degree	Title of Research Work	Name of the University	Year of Passing
1	M.Phil.			
2	Ph.D.	Synthesis of thin film of CNT, PEDOT: PSS and P3HT:PCBM By ultrasonic spray method and study their electrical and Optical properties for solar cell fabrication”	KBCNMU, Jalgaon	2019

### 12) Research Projects:-

Sr. No.	Name of Funding Agency	Title of Research Work	Minor / Major & Year of Sanctioned	Amount	Status
1	University Grant Commission	Synthesis of ITO thin film and study their electrical and optical properties	Minor 2010-2012 -	Rs. 1,10,000	completed

## 13) Research Guidance:-

Sr. No.	Degree	Name of the Research Scholar	Title of Research Work	Year of Registration	Status

## 14) Research Paper Publications:-

Sr. No.	Title of paper	Name of the Journal	ISSN number	Year, Vol. & Page No.
1	Bulk heterojunction thin film formation for application in organic solar cells by single and dual feed ultrasonic spray	Journal of semiconductors		DOI: 10.1088/1674-4926/37/9/09xxx x From 37 To 37
2	Poly 3-hexylthiophene: Single Wall Carbon Nanotube Active layer by dual feed Ultrasonic Spray method for solar cell application.	Journal of Optoelectronics and Nanoelectronics		10.1166/Jno 2016, 1891. From 12 To 17
3	Carbon nano tube as a transparent electrode for organic solar cell by ultrasonic spray method.	Bahujan Sahitya prasar Kendra, Nagpur	Souvenir ISBN - 978-93-84198-42-8 From 71 To 77	
4	Paper - [Synthesis of Tin monosulfide (SnS) nanoparticles using Surfactant Free Micro Emulsion (SFME) with the single microemulsion scheme]	material research express		4,02501 From 1028 To 10326-02-2017]

## 14) Paper Published as Book Chapter:-

Sr. No.	Title of the Book	Title of Paper	Name of the Conference & Organizer	National / International & Year of Publication	ISBN / ISSN number and Name of the Publisher
1					

## 15) Book Publication:-

Sr. No.	Title of the Book	National / International	Year of Publication	ISBN Number	Name of the Publisher
1	Book Chapter - [Electromagnetic]		[03-07-2010]		Vrinda publication

## 16) Award / Recognition:-

Sr. No.	Name of the Award/ recognition	Name of the Awarding government/ government recognized bodies	Year of Award
1			

## 17) OC/RC/Induction Program/STC/MOOC :-

Sr. No.	Title of the program	Duration (from – to) (DD-MM-YYYY)
1	Orientation Programme	21/4/92 to 18/5/92
2	Refresher Course	18/12/1995 to 14/01/1996, 3/8/1999 to 30/8/1999, 3/8/2000 to 30/08/2000
3	Short Term Course	
4	Faculty Development Program	

## 18) Research Paper Presented at Conference /Workshop/Seminar:-

Sr. No.	Title of the Paper	Name of the Conference/Workshop	Venue / Organizers	Date / Duration
1	Synthesis and Characterization of water soluble polymer P3KHT and SWNT as an efficient donor and acceptor material for organic solar cell by ultrasonic spray method	National	Nutan Maratha college, jalgaon	December 2016
2	Carbon nano tube as a transparent electrode for organic solar cell by ultrasonic spray method	National	G.T.P. nandurbar	2 Days
3	P3HT: PCBM bulk-hetrojunction thin films prepared by Dual feed Ultrasonic Spray method for application in Organic Solar Cells.	International	Poland	2015
4	A study of Carbon nano tube as a transparent electrode for organic solar cell by ultrasonic spray method	NMU Jalgaon	NMU Jalgaon	2014

## 19) Invited Talk/Guest Lecture/Resource Person:-

Sr. No.	Title of Invited Talk/Guest, Resource Lecture	Venue / Organizers / Program	Date / Duration
1			
2			

## 20) Participation at Conference /Workshop/Seminar/Webinar:-

Sr. No.	Name of the Activity	Venue / Organizers	Date / Duration
1.	Workshop - [Recent advances in organic solar cells]	Gurgaon	30/10/2020
2.	Workshop - [Experimental Teaching with Diverse Too	Parel Mumbai	26/05/2020 to 27/05/2020
3.	Workshop - [Indian Patenting and Filing Procedures]	N.M.U.jalgaon	1 day
4.	Conference - [Recent development in nanomaterials and their application]	Nandurbar	5 & 6 february 2016

5.	Workshop - [Materials characterization techniques]	N.M.U.jalgaon	08/01/2016
6.	Workshop - [IWSP 2015]	Poland	21 to 25/06/15
7.	Traning programme - [Hands on Training programme on Photovoltaic]	IISC banglore	10/03/2015 TO 19/03/2015
8.	Conference - [Advanced materials and applications]	Shivaji University Kolhapur	15/11/2007 to 17/11/2007
9.	Workshop - [INUP Familirization programme on nanotfabrication technology]	I .I.T.Bombay	26/05/2014 to 28/05/2014
10.	Workshop - [Advances in material processing]	N.M.U.jalgaon	08/03/2014
11.	Workshop - [Grid Connected Solar Photovotaic Systeams :Design and application]	jalgaon	15/03/2013
12.	Short Term Training Programme - [Materials:Synthesis to Diverse Applications]	Nagpur	09/12/13-- 14/12/13

21) Member of Academic / Professional Bodies

Sr. No.	Name of Body	Year of Joining / Award	Status (Life Member/ Nominated/Appointed/ Invited)
1	NAAC Committee		Member
2	Admission Committee		Member
3	College Discipline Committee		Member
4			

22) Any Other Not included above

( Prof. Dr.Deepak Motiram Marathe )

