

CURRICULUM VITAE

1. PERSONAL PROFILE:

Name : Dr. Indrajeet Ajit Dhole
Father Name : Ajit Nabhiraj Dhole
Gender : Male
Date of Birth : 10-11-1989
Marital Status : Unmarried
Religion : JAIN
Category : OPEN/EWS
Conversant in :
Address for Communication : Dept of Physics, S.G.M. College, Karad, Dist-Satara, Pin-415124, Maharashtra, India
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Employment Reg. No. : -



2. EDUCATIONAL QUALIFICATION:

Degree	Name of Institute / College	University	Year of Passing	Principle Subject
Bachelor's Degree (B.Sc.)	Smt. K.W.College, Sangli	Shivaji University, Kolhapur	Apr. 2010	Physics
Master's Degree (M.Sc.)	Solapur University, Solapur	Solapur University, Solapur	Apr. 2013	Physics (Materials science)
Doctorate Degree (Ph.D.)	Solapur University, Solapur	Solapur University, Solapur	Dec. 2018	Physics (Materials science)

3. EXPERIENCE:

Designation	Name of Institution / Organization	Period of Service		Experience (Years & Months)
		From	To	
Assistant Professor	D.B.F. Dayanand College of Arts and Science, Solapur	12/08/2013	01/05/2014	01 Year
Assistant Professor	D.B.F. Dayanand College of Arts and Science, Solapur	01/01/2015	01/05/2015	06 Months
Assistant Professor	D.B.F. Dayanand College of Arts and Science, Solapur	17/06/2016	19/04/2017	01 Year
CSIR-SRF	Solapur University, Solapur	20/04/2017	31/03/2018	01 Year
Assistant Professor	Smt. Kasturbai Walchand College, Sangli	02/07/2018	30/04/2019	01 Year
Assistant Professor	Smt. Kasturbai Walchand College, Sangli	04/07/2019	26/02/2020	01 Year
Assistant Professor	S.G.M. College, Karad	27/02/2020	Till date	4 Yeras

Total Teaching Experience: 09 years & 06 Months

4. BOOK PUBLISHED:

Sr. No.	Authors	Book Title	Book ISBN	Publisher	National/ International
01	Dr. M.M. Rajmane Dr. J.B. Thorat Dr.S.H. Pisal Dr. I.A. Dhole	Advances in Functional and Sustainable Materials	978-93-91768-77-5	Bhumi Publishing, Kolhapur	National
02	Dr. M.M. Rajmane Dr. J.B. Thorat Dr.S.H. Pisal Dr. N.S. Harale Dr. I.A. Dhole	Innovation in Smart & Technomaterials	978-81-956739-7-1	Prarup Publication, Kolhapur	National

BOOK CHAPTERS PUBLISHED:

Sr. No.	Authors	Book Chapter Title	Book Title	Chapter No.	Page No.	Book ISBN
01	I. A. Dhole, Y.H. Navale, S. M. Ingole, R. N. Mulik, Y.M.Jadhav, C.S.Pawar, V.B. Patil	Efficient electrodeposited NiO thin films for supercapacitor electrode	Techno-Societal 2016	52	521-526	978-3-319-53555-5
02	S. M. Ingole, Y.H. Navale, D.K. Bandgar, I.A. Dhole, M.A.Chougule, P.S. Kulkarni V.B. Patil	An approach to harness energy by SnO ₂ thin film electrode by thermal evaporation	Techno-Societal 2016	51	515-520	978-3-319-53555-5
03	I.A.Dhole, S.G.Pawar, C.S.Pawar, Y.H.Navale, Y.M.Jadhav, V.G.Mule, V.B.Patil	Potentiostatically Electroplated MnO ₂ Electrode and Their Supercapacitive Performance	Advances in Materials Science	37	107-110	978-84-931247-6-5
04	Y.H.Navale, S.T.Navale, S.M.Ingole, I.A.Dhole, R.N.Mulik, M.A.Chougule, V.B.Patil	Highly Sensitive and Selective Solid State Synthesized CuO Nanoparticles for Detection of Toxic NO ₂ Gas	Advances in Materials Science	64	218-222	978-84-931247-6-5
05	P.V.Patil, P.L.Patil, A.S.Mane, P.S.Jadhav, R.P.Pawar, P.P.Rakate, S.K.Kurde, I.A.Dhole	Recent Trends in Energy Storage Devices	Advances in Functional and Sustainable Materials	02	08	978-93-91768-77-5
06	A.S.Mane, P.L. Patil, P.V.Patil, P.S.Jadhav, R.P.Pawar,	Conducting Polymer as a Supercapacitor Electrode	Advances in Functional and Sustainable Materials	03	23	978-93-91768-77-5

	A.A. Kabade, A.B.Pandharpatte, I.A.Dhole					
07	P.S.Jadhav, A.S.Mane, P.V.Patil, P.L. Patil, R.P.Pawar, S.S.Mane, I.A.Dhole	Advancements in Synthesis of Supercapacitor Electrode	Advances in Functional and Sustainable Materials	05	45	978-93- 91768-77- 5
08	I.A.Dhole	Graphene: A New Era	Advances in Functional and Sustainable Materials	07	62	978-93- 91768-77- 5
09	I.A.Dhole, P.P.Rakate, S.B.Waghmare, A.B.Patil, S.S.Mane, S.K.Kurde, P.S.Mahadar, S.B.Madake, S.H.Pisal, J.B.Thorat	Synthesis methods for metal-organic framework (MOF)	Recent Advances in Fabrication Technology of Nanomaterials	11	65	978-81- 956739-3- 3

5. PATENTS GRANTED/PUBLISHED:

Sr. No.	Inventor	Title	Country	Reg. No.	GRANTED/PUBLISHED
01	Dr. Indrajeet Ajit Dhole Dr. Sunanda Harischandra Pisal Prof. Jayavant Bhimrao Thorat, Dr. Mohan Martand Rajmane	A system for preparing film of functionalized multiwalled carbon nanotubes for gas sensing application	German	C09D1/00	GRANTED
02	Dr. Indrajeet Ajit Dhole Dr. Sunanda Harischandra Pisal Prof. Jayavant Bhimrao Thorat, Dr. Mohan Martand Rajmane	A method for synthesizing zinc oxide nanotube	South Africa	2022/07289	GRANTED

03	Mr. Chaitanya Ganesh Nagmal Dr. Jayavant Bhimrao Thorat Dr. Sunanda Harischandra Pisal Dr. Indrajeet Ajit Dhole Dr. Mohan Martand Rajmane	Automated gate entry system to avoid thief in crusher management	India	20232100338 9	PUBLISHED
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6. AWARDS AND ACHIEVEMENTS:

Senior Research Fellowship (SRF) on Major Research Project by Council of Scientific and Industrial Research (CSIR), New Delhi, India.

7. RESEARCH PAPER PRESENTED:

Sr. No.	Authors	Paper Title	Published by	Year	Page No.	DOI	Conference name
01	I.A.Dhole, Y.H.Navale, Y.M.Jadhav, R.N.Mulik, S.G.Pawar, C.S.Pawar V.B.Patil	Optimization of Techno-economic Cobalt Doped Nickel Oxide Electrode Designed For Energy Storage	AIP Publishing AIP Conf. Proc. 1989, 020011-1– 020011-3	2018	020011- 1 to 020011- 3	https://doi.org/10.1063/1.5047687	<i>Emerging Technologies: Micro to Nano (ETMN-2017)</i>
02	Y. H.Navale, S. R. Patil, I. A. Dhole, D.K.Bandgar, Y. M.Jadhav, P. S.Kulkarni V. B. Patil	Prominent NO ₂ gas sensor based on ZnO nanowires grown by thermal evaporation	AIP Publishing AIP Conf. Proc. 1989, 020033-1– 020033-5;	2018	020033- 1 to 020033- 5	https://doi.org/10.1063/1.5047709	<i>Emerging Technologies: Micro to Nano (ETMN-2017)</i>
03	I.A.Dhole, M.M.Tonape, U.T.Pawar, S.S.Gavande, S.G.Pawar, V.B.Patil	Supercapacitive Performance of Electrodeposited Cobalt Oxide Electrode	WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim, Macromolecular Symposia (www.ms-journal.de)	2019	1800212 (1 of 4)	10.1002/masy.201800212	3 rd International Conference on “Advances in Materials Science” (ICAMS- 2018)

8. RESEARCH PAPER/ REVIEW ARTICLE PUBLISHED:

Sr. No.	Name of Author/s	Year of Publication	Title of the Paper	Name of Journal	Volume	Page Nos.	Impact Factor
01	I.A.Dhole, S. T. Navale, Y. H. Navale, Y. M. Jadhav, C. S. Pawar, S.S.Suryavanshi V. B. Patil	2017	Performance evaluation of galvanostatically deposited nickel oxide electrode for electrochemical supercapacitors	J. Mater. Sci: Mater. Electron.	28	10819-10829	2.195
02	S.M.Ingole, S. T. Navale , Y. H. Navale, I. A. Dhole, R. S. Mane, F. J. Stadler, V. B. Patil	2017	Galvanostatically electroplated MnO ₂ nanoplate -type electrode for potential electrochemical pseudocapacitor application	J. Solid State Electrochem.	21	1817-1826	2.531
03	P. D. More, P. R. Jadhav, A. A. Ghanwat, I. A. Dhole, Y. H. Navale, V. B. Patil	2017	Spray synthesized hydrophobic α -Fe ₂ O ₃ thin film electrodes for supercapacitor application	J. Mater. Sci: Mater. Electron.	28	17839-17848	2.195
04	I. A. Dhole Y. H. Navale C. S. Pawar, S. T. Navale, V. B. Patil	2018	Physicochemical and supercapacitive properties of electroplated nickel oxide electrode: effect of solution molarity	J. Mater. Sci: Mater. Electron.	29	5675-5687	2.195
05	Y.H. Navale, S.T. Navale, I.A. Dhole, F.J.Stadler, V.B. Patil	2018	Specific capacitance, energy and power density coherence in electrochemically synthesized polyaniline-nickel oxide hybrid electrode	Organic electronics	57	110-117	3.495
06	P. H. Salunkhe, Y. S. Patil, V. B. Patil, Y. H. Navale, I. A. Dhole, V. P. Ubale, N. N. Maldar, A. A. Ghanwat	2018	Synthesis and characterization of conjugated porous polyazomethines with excellent electrochemical energy storage performance	Journal of Polymer Research	25	147-154	1.823
07	P.D.More, I.A.Dhole, Y.H.Navale S.T.Navale V.B.Patil	2019	Impact of electrolyte concentration on the supercapacitive properties of spray pyrolyzed CdO thin film electrode	Solid State Ionics	334	56-64	2.886

08	P. H. Salunkhe, Y. S. Patil, I.A. Dhole, B. S. Kalshetti, V. B. Patil, S.R. Mane A. A. Ghanwat	2019	Novel synthetic approach for designing metal free, redox active quinoxaline-benzimidazole based organic polymers with high energy storage capacity.	New Journal of Chemistry	43	14806-14817	3.069
09	I. A. Dhole,* M. M. Tonape, U. T. Pawar, S. S. Gavande, S.G. Pawar, V. B. Patil	2019	Supercapacitive Performance of Electrodeposited Cobalt Oxide Electrode	Macromolecular Symposia	387	180021-2-180016	-
10	P.A.Desai, A.A.Admuthe, P.D. Chougule, S.G. Patil, I.A.Dhole, M.M.Tonape	2020	Nanostructured CuO Thin Films Prepared by Aqueous Based Novel Reflux Method	Macromolecular Symposia	392	1-5	Published
11	J.B. Thorat, N.S. Harale, I.A. Dhole, S.K. Shinde, M.C. Rath, T.J. Shinde, N.S. Shinde, V.J. Fulari	2021	Effect Of Electron Beam Irradiation On EIS And Photoelectrochemical Performance Of Electrodeposited Nanocrystalline Bi ₂ Te ₃ Thin Films	Journal of Materials Science: Materials in Electronics	32	20031-20046	Published
12	S.G. Pawar, C.V. Channal, S.S.Bandgar, R.N. Mulik, P.A.Desai, A.A. Admuthe, I.A.Dhole,	2022	Electrochemical Behavior of Pristine Mn ₂ O ₃ Efficient Electrodes by Inexpensive Potentiostatic Electrodeposition Technique	Journal of Nano-And Electronic Physics	14	02002(1) to 02002(6)	

9. SEMINAR / CONFERENCE/ WROKSHOP ATTENDED:

Sr. No.	Date & Year	Organized by	Training Description
1	18/12/2013 & 19/12/2013	C.B. Khedgi's Basaveshwar Science College, Akkalkot (M.S.) India.	National Conference on "Physics & Chemistry of Advanced Materials"
2	20/12/2016 & 21/12/2016	College of Engineering, Pandharpur (M.S.) India.	International Conference on "Advanced Technologies for Societal Applications" (Techno-Societal-2016).
3	08/03/2017 To 10/03/2017	C-MET Pune (M.S.) India.	International Conference on "Advanced Rechargeable Batteries & Allied Materials" (ICARBM-2017).

4	11/07/2017 To 15/07/2017	Savitribai Phule Pune University, Pune	International Conference on "Advanced Materials Development & Performance" (AMDP-2017)
5	28/09/2017	Yashavantrao Chavan Institute of Science, Satara	National Conference on "Recent Trends in Nanomaterials" (NCR TN-2017)
6	6/10/2017 & 7/10/2017	Solapur University, Solapur	3 rd International Conference on "Emerging Technologies: Micro to Nano" (ETMN- 2017)
7	13/11/2017 to 17/11/2017	CSIR- National Physical Laboratory, New Delhi, India	17 th International Conference on Thin Films (ICTF-2017)
8	26/11/2017	Solapur University, Solapur	U.G.C. Sponsored "National Conference on Recent Advances in Chemical Sciences" (RACS-2017)
9	22/12/2017 & 23/12/2017	Raje Ramrao Mahavidyalaya, Jath	2 nd International Conference on "Advances in Materials Science" (ICAMS-2017)
10	14/02/2018	D.B.F. Dayanand College of Arts & Science, Solapur	National Conference on "Nuclear Energy: Need of the Society and Misconceptions"
11	21/08/2018	Vivekanand College, Kolhapur	National Conference on Nanomaterials (NCNm-2018)
12	27/12/2018 to 29/12/2018	Raje Ramrao Mahavidyalaya, Jath (Sangli)	3 rd International Conference on "Advances in Materials Science" (ICAMS-2018)
13	15/05/2020 to 20/05/2020	Government Vidarbha Institute of Science & Humanities, Amravati, India	International E-Conference on "Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World"
14	06/06/2020 to 07/06/2020	Raje Ramrao Mahavidyalaya, Jath	Fifth International Conference on Advances in Materials Science (Online) (ICAMS – 2020)
15	22/07/2020	ASC College, Ramanandnagar	One Day National Conference on "Emerging Trends in Physical Sciences NCETPS-2020"
16	10/08/2020	Krishna College, Rethare (Bk)	One Day International E-Conference On Advanced functional Nanomaterials and Their Device Applications
17	27/08/2020	K.L.E. Society's P.C. Jabin Science College,Hubballi, Karnataka	One day online International conference on "Zero Dimensional Materials"

18	10/09/2020 to 11/09/2020	Dada Patil Mahavidyalaya, Karjat, Ahmednagar	2 Days International Symposium on “New Research Horizons in Nano and Radiation Materials”
19	16/03/2021	MAEERs MIT College of Railway Engineering & Research Barshi	One Day National Conference on Advances in Functional Materials-2021

WORKSHOP

Sr. No.	Date & Year	Organized by	Training Description
1	5/03/2009	Smt. Kasturbai Walchand College, Sangli	Lead college sponsored one day workshop on “Recent Trends In Electronics”
2	25/08/2016	Solapur University, Solapur	One day Workshop on “Indian Patenting & Filing Procedures”
3	5/11/2017	D.B.F. Dayanand College of Arts & Science, Solapur	One day national workshop on “Revised Assessment & Accreditation Methodology of NAAC”
4	11/01/2018 & 12/01/2018	Solapur University, Solapur	Two days workshop on “Introduction to LabVIEW and Multisim”
5	20/01/2018	D.B.F. Dayanand College of Arts & Science, Solapur	One day workshop on “B.Sc.III (CBCS pattern) syllabus discussion in Physics”
6	23/05/2018 To 25/05/2018	IIT Bombay, Mumbai	9 th INUP familiarization workshop on “Nanofabrication Technologies”
7	25/05/2018	IIT Bombay, Mumbai	3 rd NCPRE familiarization workshop on Photovoltaics
8	13/10/2018	Smt. Kasturbai Walchand College, Sangli	One day Lead College Workshop on Personality Development
9	14/03/2020 to 15/03/2020	S.G.M. College, Karad	A Two Days National Workshop on Preparation of IIQA & SSR
10	11/05/2020 to 20/05/2020	Shri Shahu Mandir Mahavidyalaya, Pune	Workshop on e-Educational Content Development
11	20/05/2020	PPASC College, Risod	One day International workshop on Nanomaterials Synthesis is Emerging Facet of the World
12	01/06/2020	Y.C. I. Science College Satara	One day workshop on NAAC Revised Accreditation Framework

WEBINAR

Sr. No.	Date & Year	Organized by	Training Description
1	22/04/2020	SGM College, Karad	Online information session on Smart Tools For Teaching and Research
2	20/05/2020 to 25/05/2020	Y.C. I. Science College Satara	“Rayat Innovation Challenge”
3	21/05/2020	Ramnarain Ruia College, Mumbai	“Research Writing and Enhancing Visibility”
4	22/05/2020	SCSC College of Engineering Pune	Effective Research Writing Skills and Publication
5	01/06/2020 to 06/06/2020	Bombay Teachers training College HSNC University and Mumbai University.	National Webinar series on Knowledge Generation in Education during Covid- 19 Pandemic- Qualitative research
6	03/06/2020	K.W. College, Sangli	One day National webinar on Role of IQAC in Quality Sustenance
7	08/06/2020	Mahatma Phule Arts, Science And Commerce College, Panvel	One Day International Webinar on “Nanomaterials for Smart and Sustainable Energy Solutions”
8	09/06/2020	Madhav College, Ujjain & K. Nehru College, Nagpur	International Webinar on Materials Science
9	10/06/2020	PAHSU, Solapur	One day National Webinar on Changes in Higher Education & Role of NAAC :Post Covid 19
10	26/06/2020	D.B.F. Dayanand College of Arts & Science, Solapur	National Webinar on “Learning Physics: Opportunities in Difficulties”
11	13/06/2020	SGM College, Karad	One Day Webinar on “Efficient Measures for Writing A Research Paper, its Publication & Access to E- Resources ”
12	24/06/2020 to 29/06/2020	TC College, Baramati	National Webinar on “Advances in Synthesis Technique & Characterization of Materials”
13	29/06/2020	PAH Solapur University, Solapur	National Webinar on GER in Education and Developing Countries
14	18/07/2020	D. P. Bhosale College, Koregaon	International Web-Seminar On "Recent Trends In Nanostructured Materials Based Devices And Their Applications“

15	21/07/2020	Milind College of Science, Aurangabad	Webinar On Importance of Physics In Industry And Opportunities For Physics Students
16	25/07/2020	Yashwantrao Chavan College of Science, Karad	National Webinar on “Materials For Energy”
17	29/07/2020	Balwant College, Vita	National Online Seminar On “Recent Trends In Materials Research”
18	05/09/2020	Dahiwadi College Dahiwadi Tal. Man, Dist. Satara.	One Day International Webinar entitled “Recent Scenario In Energy Generation and Storage Technologies” (IWRSEGST-2020)

FDP

Sr. No.	Date & Year	Organized by	Training Description
1	30/04/2020 to 05/05/2020	SKN Sinhgad College of Engineering, Pandharpur, Maharashtra in association with Spoken Tutorial IIT Bombay, Mumbai	Online one-week Faculty Development Program on “R- Programming”
2	04/06/2020 to 05/06/2020	MALLA REDDY INSTITUTE OF ENGINEERING AND TECHNOLOGY, Hyderabad	Two Day Online National level Faculty Development Program on “ Virtual Physics Labs”
3	20/07/2020 to 25/07/2020	Sadguru Gadage Maharaj College, Karad	One Week Online Faculty Development Program on, “E-Content Development for Teaching and Learning”

ORIENTATION/REFRESHER

Sr. No.	Course	Duration	Place/Organized by	Sponsoring Agency
1	National Level Online Workshop On ‘Introduction To Research Based Pedagogical Tools (RBPTs) For Teachers Of Undergraduate Science & Mathematics	18/05/2020 to 23/05/2020 (06 Days)	Indian Institute of Science Education and Research (IISER) Pune and Wilson College, Mumbai	MHRD- PMMMNMTT
2	Two Week Workshop On ‘From E-Learning To E-Training: A Comprehensive Guide For All Your Administrative Work	25/05/2020 to 05/06/2020 (12 Days)	Teaching Learning Centre Ramanujan College (University Of Delhi)	MHRD- PMMMNMTT

3	Online Induction Training/Orientation Programme for Faculty in Universities/ Colleges/Institutes of Higher Education	04/06/2020 to 01/07/2020 (28 Days)	Teaching Learning Centre Ramanujan College (University Of Delhi)	MHRD- PMMMNMTT
4	Five Day FDP On Nanomaterials Characterization Techniques and Results Analysis Methodology: Ideas Innovations & Initiatives	27/07/2020 to 31/07/2020	FDC, UGC- HRDC-PUNE	UGC-HRDC
5	Online Refresher Course in Physics	04/08/2021 to 17/08/2021	Pondicherry university, Pondicherry	UGC-HRDC

10. WORK AS RESOURCE PERSON:

1. Delivered lecture on Supercapacitors for M.Sc. students and staff in the Department of Physics, D.B.F. Dayanand College of Arts & Science, Solapur on 18/10/2019 & 19/10/2019.
2. Delievered lecture on Collaboration in front of 10 mentee college staff & Principal at S.G.M. College, Karad on 01-01-2023.

11. MEMBER OF ORGANIZING COMMITTEE:

- Working as committee member for NAAC Criteria II Teaching, Learning & Evaluation at S.G.M. Autonomous College, Karad
- Working as committee member for **Board of Studies (BOS)** in Physics subject at S.G.M. Autonomous College, Karad
- Working as Convener for “**Innovation, Incubation & Invention Cell**” of S.G.M. College, Karad.
- Working as Chairman MoU, Linkages and Extention.
- Working as Chairman for B.Sc. II committee.
- Worked as committee member for “**RAYAT INSPIRE**” of S.G.M. College, Karad.
- Working as committee member for “**Competitive Exam Guidance**” of S.G.M. College, Karad.
- Working as committee member for “**Art & Culture Circle**” of S.G.M. College, Karad
- Program Committee Member of **3rd International Conference on Emerging Technologies: Micro to Nano (ETMN-2017)**, organized by School of Physical Sciences, Solapur University, Solapur on 06-07 Oct. 2017.
- Organizing Secretary of **Five Days National Virtual Workshop on Preparation of Physics NET/SET Exam** organized by Department of Physics & IQAC of S.G.M. College, Karad on 29th July 2020 to 02nd August 2020.

- Coordinator of **Two Days International E-Conference on Cutting Edge Smart Materials & Nanotechnology** organized by Department of Physics & IQAC of S.G.M. College, Karad on 20th Aug. 2020 & 21st Aug. 2020.
- Co-Convener of **A Two Day International Conference on Innovation in Smart & Technomaterials** organized by Department of Physics, S.G.M. College, Karad on 16th & 17th January 2023.
- Worked as a **Peer Reviewer** for “**Springer Nature**” “Journal of Applied Electrochemistry” which is one of the world’s leading global research, educational and professional publishers

12. OTHER

- Participated and presented the research project at PPG level under the discipline of Pure Sciences in the **12th Maharashtra State Inter University Research Convection Avishkar 2017** held at Mahatma Phule Krishi Vidyapeeth, Rahuri (M.S.) during 15-17 January 2018.
- Attended **Project Monitoring Session of the Physical Sciences Research Committee** held on 5th March 2018 at **CSIR complex, New Delhi**.

Name: Dr. Indrajeet Ajit Dhole