

	Name of faculty:	Dr. Yogita Namdeo Chaudhari
	Designation:	Assistant Professor (Physics)
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Career Objectives: -

- To enhance the own knowledge about Physics in Research.
- To create awareness to observe the Phenomenon of Physics in Nature.
- To use knowledge for Society.

Educational Qualification: -

Qualification	Name of the Institute	University	Year of Passing
Ph.D. (Physics)	School of Physical Sciences, NMU, Jalgaon	North Maharashtra University, Jalgaon	July 2023
M.Sc.(Physics) (Material Science)	School of Physical Sciences, NMU, Jalgaon	North Maharashtra University, Jalgaon	June 2007
B.Sc.(Physics)	BendaleMahilaMahavidyalaya, Jalgaon	North Maharashtra University, Jalgaon	June 2005
B. Ed.	KCES'S College of Eduaction, Jalgaon	North Maharashtra University, Jalgaon	April 2010
D.Ed	St. Aloysius College of Education, Papdi, Vasai	Mubai University	2003

Other Qualification: -

Qualification	College Name	University	Year of Passing
MSCIT	Manchar Computer Academy, Manchar, Pune.	MSBTE,Mumbai	Dec 2012

Working Experience: - (current to old)

Experience Type	Institute Name	Graduate/ Post Graduate Level	Designation	From	To
Teaching	Govt. College of Engineering.& Research, Awasari Khurd	UG Level	Assistant Professor	17 Jan 2012	Till date
Teaching	Govt. Polytechnic, Jalgaon	Diploma	Lecturer	28July 2011	24 Dec 2011
Teaching	Baheti College, Jalgaon	Jr. College	Shikshan Sevak	07July 2008	12 Jan 2012

Research area:-

- Nanocomposite synthesis, Photovoltaic applications, Photo-detectors, characterization etc.

Research Publication: - (New to old)

Title of Paper/ Poster	Name of conference/ Journal in Which Published	Year of Publication
Perovskite-ICBA bulk-heterojunction thin films by slot die method: effect of microemulsion composition	J Mater Sci: Mater Electron doi.org/10.1007/s10854-023-11617-x	2023
Influence of Mixed-solvent System and Reaction Temperature on In situ, Surfactant-free Synthesis of P3HT:SnS Nanocomposites	ES Material and Manufacturing DOI: 10.30919/esmm5f726	2022
Presented paper on “Influence of mixed solvent system and reaction temperature on in-situ, surfactant free synthesis of P3HT: SnS nanocomposites”.	International conference on “Sustainable Materials and Technologies for Bio and Energy Applications” (SMTBEA – 2021)	May 2021
Presented poster on “In-situ synthesis of PTB7: SnS nanocomposites at room temperature using surfactant free co-solvent system”.	International conference on “Multifunctional Electronic Materials and Processing”(MEMP-2021)	March 2021
Presented poster on “Direct synthesis of polymer: metal sulfide Nano composite at different reaction temperature to study optical properties for photovoltaic application”.	Raman Memorial Conference 2020 (RMC 2020)	Feb 2020
Presented paper on “Synthesis Methods of SnO ₂ Gas Sensor and its response for H ₂ S gas at Room Temperature”.	State Level Seminar on “Recent Trends in Physics”	Jan 2011

Book Publication:-

Book Title	University	Punlisher	ISBN	Year
A text book of Engineering Physics (E Book)	SPPU	Fortflag Books And Media Private Limited	978-81-961115-2-6	2022

Workshop / Seminars / Training/FDP: - (old to new)

Workshop / Seminars / Training Title	Name of College	Duration & Date
Training Program by Lokmat on “Fundamentals & Web Page Design”	D.N.C.V.P. College, Jalgaon.	Six Days 18-23June 2007
CV Raman Memorial Seminar	North Maharashtra University, Jalgaon	One Day 28 Feb 2008
Workshop on “New Trends in Higher Education”	M.J. College, Jalgaon	One Day 1March 2009
National Conference on “Recent Advances in Material Synthesis and Characterization”	D.D.N.B. College, Bhusawal	Two Days 22-23Jan2011
State Level Seminar on “Recent Trends in Physics”	N.S.B. College, Nanded	Two Days 27-28Jan 2011
Workshop on “Syllabus Implementation of Engineering Physics”	PVG’s College of Engg. & Technology, Pune	One Day 2 Aug 2012
National Workshop “Advances in Material Processing”	North Maharashtra University, Jalgaon	One Day 8 March 2014
INUP Familiarization Workshop on “Nanofabrication Technologies”	IIT, Bombay	Three Days 26-28May 2014
Workshop on “National Skills Qualifications Framework (NSQF)”	GCOEAR, Awasarikhurd	One Day 22 Sept 2014
STTP on “Recent Trends in Material Science for Engg. & Technology”	GCOE, Karad	One Week 11 – 15 May 2015
National Conference on “Electronic Materials Thin Films and Its Applications”	Nutan Maratha College, Jalgaon	Two Days 09-10 Dec 2016
Workshop on “ Accreditation of Engineering Programmes”	GCOEAR, Awasarikhurd	Two Days 23-24 Dec 2016
Refresher course in Physics	Physics Department, HRDC, SGB Amravati University	Three week 10-29 July 2017
FDP on “Recent Trends in Renewable Energy Technology for Sustainable Development”	GCOEAR, Awasari khurd	One Week 05-09 Feb 2018

FDP on “Foundation Program in ICT for Education”	IIT, Bombay	Two week 08 March-12 April 2018
FDP on “Pedagogy for Online and Blended Teaching- Learning Process”	IIT, Bombay	Two week 03 - 30 May 2018
Workshop on “Engineering Physics”	PCCOE, Ravet, Pune	One Day 31 July 2019
Raman Memorial Conference 2020	Department of Physics, SPPU, Pune	Two Days 14-15 Feb 2020
A course “Learning Physics Through Simple Experiments”	IIT, Kanpur	Ten week 02 April - 10 June 2020
Short term course “Physics in daily Life”	Swa. Sawarkar Mahavidyalaya, Beed	Seven Days 25 April - 01 May 2020
Webinar on “Super capacitors, solar cell Devices and solar Thermal Technology”	Shri. Ramdeobaba college of engineering and management, Nagpur	Four Days 11 – 14 May 2020
International Workshop on “ Smart materials sensor and energy devices” (SMSED- 2020)	SSN college of engineering, Kalavakkam, Chennai	Six Days 25 – 30 May 2020
FDP on “Promoting Quality Culture in Technical Institutions”	AISSMS college of engineering, Pune	One week 25 – 29 May 2020
Lecture series on “ Advanced materials and Modern Applications” (AMMA – 2020)	SSN college of engineering, Kalavakkam, Chennai	Two Days 01 – 02 July 2020
International Webinar on “ Recent Scenario In Energy Generation and Storage Technologies” (IWRSEGST – 2020)	Dahiwadi College, Dahiwadi, Satara	One Day 05 Sept 2020
National Webinar on “ Frontiers of Scanning Probe Microscopy”	Jabalpur Engineering College, Jabalpur	One Day 19 Sept 2020
FDP on “ Solar Photovoltaic Fundamentals, Technology and Applications”	NPTEL-AICTE, IIT, Roorkee	One week Sept- Nov 2020
FDP on “ Novel Materials”	AICTE Training And Learning (ATAL), Delhi	One week 02 – 06 Nov 2020
International conference on “Multifunctional Electronic Materials and Processing (MEMP- 2021)”	C-MET, Pune	Three days 08-10 March 2021
International conference on “Sustainable Materials and Technologies for Bio and Energy Applications (SMTBEA – 2021)”	SSN college of engineering, Kalavakkam, Chennai	Three days 19-21 May 2021
Workshop on” Identification of Abusive Relationship And Prevention of Domestic Violence”	GCOEAR, Awasari khurd	One Day 08 March 2022

Foundation Training Programmer for calss-1 officers	YASHADA, Pune	42 Days 14 Nov to 25 Dec 2022
108 th Indian Science Congress	Rashtrasant Tukdoji Maharaj Nagpur University	03-07 Jan 2023
National interdisciplinary STTP on “Exploring Quality Research and its Societal impact”	Dr. D. Y. Patil Institute of Technology, Pimpri, Pune-18	One week 09-13 October 2023
Online STTP on " Indian Konwlege System"	Anantrao Pawar College of Engineering and Research, Pune	One Week 10-14 June 2024

NPTEL Course completed :- (old to new)

Name of Course	Organizer	Duration	Remark
“Solid State Physics”	NPTEL,IIT, Kharagpur	12 week, July - Oct 2018	ELITE certificate
“ Solar Photovoltaic Fundamentals, Technology and Applications”	NPTEL, IIT, Roorkee	Eight week Sept- Nov 2020	ELITE certificate

Lecture/Seminar/Conference/workshop Organized:- (old to new)

Topic	Speaker/Guest	Level	Duration/Date
A lecture on “Girls Student Empowerment”	Smt. Deepali Awakale	College	06 Jan 2027
Awareness Lecture about ‘The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013”	Smt. Anjali Chikale	College	27 Feb 2017
Lecture cum hands on “स्वसंरक्षण व प्रबोधन”	निर्भया पथक, चाक्रण पोलीस स्टेशन अधिकारी	College	18 Jan 2018
Awareness Lecture about ‘The Sexual Harassment of Women at Workplace (Prevention, Prohibition and Redressal) Act 2013”	Adv. Sandhya Bankhele, Adv. Mrunalini Padwal	College	28 Sept 2018
A lecture on Health and Diet “ओळख स्वतःश “	Dr. Sushama Kulakarni	College	19 Jan 2019
An lecture on “Life Skills and Gender Balance”		College	21 Sept 2019
An lecture on “विद्यार्थिनी व महिलांचे आरोग्य”	Dr. Sanjeevani Rajwade	College	17 Aug 2021
A talk on “Rocking with Confidence”	Dr. Surekha Bhalerao	College	04 Nov 2023

Health Check up Program	Dr. Yadhav and Team	College	Dec 2023
Science Day “Poster Competition and a lecture on “घन कचऱ्यापासून ऊर्जा निर्मिती”	Sharada Shakti Club, Shri. Ajit Gadgil	College	17 Feb 2024

Achievement: -

- **1st rank** at Foundation Training Programmer for calss-1 officers organized by YASHADA, Pune during 14 Nov 2022 to 25 Dec 2022.
- Rewarded by “**Best Paper Presentation Award**” at International Conference on “Sustainable Materials and Technologies for Bio and Energy Applications (SMTBEA – 2021)” held at SSN College of Engineering, Kalavakkam, Chennai during 19-21 May 2021.
- Selected for “**Research Fellowship Scheme 2014**” from School of Physical Sciences, North Maharashtra University, Jalgaon.
- Got **1st Prize** in State Level Seminar on “Recent Trends in Physics” for Paper Presentation held at N.S.B. College, Nanded.
- **University Campus Topper** from School of Physical Sciences, North Maharashtra University, Jalgaon from 2005- 2007 batch in M.Sc. (Material Science).

External Committees:-

- PBOS member at Government Polytechnic, Pune (NEP 2020) curriculum for Computer Engineering Department. (First Year)

Membership:-

- Life time Member of ISTE Society.

Additional Portfolio handled:-

- Worked as a Rector of Girls hostel at GCOEAR, Awasari khurd for 2012-2018 and Assistant Rector for 2018-19, 2020-21 and 2022-23.
- Worked as member of various committees at GCOEAR, Awasari Khurd including course coordinator for physics in NBA activities, Anti Ragging Committee, Student Counseling Committee, Women’s Grievance and Redressal Committee, First Year coordinator, Central Admissions, Student Welfare and Development Committee, CSR activity, TATA Samarth Scholarship, Laboratory In-charge (Physics), DTE and RO level work, Safalata portal - form verification, MAHADBT portal - form verification, RESONANACE and COMBAT activity, Equipment Purchasing Committee, Student Induction Program, Mentor for students, Food

inspection Committee, Class teacher, Subject expert for online exam, Different activities in FDP/STTP, Student Counseling committee member, कमवा व शिका committee member, anchoring head for convocation program at college level, Physical Education Scheme, Spoken tutorial coordinator (IIT Mumbai)for FE students, Student - Parent Meet program etc.