

Dr. Munish Pandey



Personal Details

Name : **Dr. Munish Pandey**
Date of Birth : 15/04/70
Address : 004/8, Chankya Nagar,
Umbarde road, Adharwadi, Kalyan(w).
Contact no : 9820482170
Email id : drmunishpandey@yahoo.com

Educational Qualification

DEGREE	YEAR	UNIVERSITY	PERCENTAGE
Ph.D	2003	MAGADH	-----
M.Sc	1992	MUMBAI	57.3%
B.Sc	1990	MUMBAI	62.5%

Other Qualification : Certificate Course in Computer Programming

Teaching Experience

As project Assistant(1993-94):- Dept. of Physics ,University of Mumbai.

Under graduate :- **(25years)** K.M.Agrawal College,KALYAN.

Subjects: Physics,Electronics,Microprocessor,Micro Controller,Embedded Technology ,DCN, Etc.

Post graduate for Lecture :- (15years)

Administration Experience :-

Sr.No	Designation
1.	Vice Principal (science)
2.	Local Management Committee Member (LMC)
3.	COORDINATOR I.T./C.S. department
4.	Staff Secretary
5.	Examination Committee Chairman
6.	Sports Committee Member
7.	Science association Committee Member
8	Organiser FALCON(inter college event for professional std.)
9	Discipline Committee Member
10.	Subject Expert for Appointing staff and V.C. nominee

Research Experience : 15 years research area –conducting polymers And Crystals

RESEARCH GUIDE FOR M.Phil (Completed)

Sr no	NAME	UNIVERSITY	TOPIC	YEAR
1	Dipti Khandare	Madurai Kamraj University	“ synthesis & Characteriation of ceramic polymer ”	A7A6724501& 2008
2	Bharit M. Bhangale	Madurai Kamraj University	“ Study of KDP single crystal added with some Organic Compound ”	A7A6724502 2009
3	Sarla H.Dawara	Madurai Kamraj University	“ A study of ceramic polymer & it’s characterization ”	A7A6723614 2009.
4	Preeti Sarode	YCMOU , Nashik	A study of ...umbai	PRN-2008017000929736 2010 I.T.(Information

				Technology)
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2.RESEARCH GUIDE FOR Ph.D.(On Going)

1	Mr. Dinesh Himatsinghani	Mumbai University	“SYNTHESIS AND STUDIES ON NANOCOMPOSITE OF POLYPYRROLE-CERAMIC COMPOSITES”	Ph.D. std
2	Ms. NamrataAjwani	Mumbai University	“SYNTHESIS AND CHARACTERIZATION OF CERAMIC DOPED COPOLYMER MATERIAL”	Ph.D. std
3	Mrs. RichaBadlani	Mumbai University	” Synthesis and characterisation of Biomaterial (enzyme) doped improved conducting polymer material”	Ph.D. std

PAPER PUBLISHED

1. Pandey Munish , R.P.Singh, G.C Jha & L.K.Mishra,.An Evaluation of K dependence longitudinal & transverse dielectric function in the RPA & HD approximation., ACTA CINCIA INDICA P-353 VOL XXXI P 2005 No-3.
2. Pandey Munish , R.P.Singh, G.C Jha & L.K.Mishra,. An Evaluation of Surface Red(w) & Y(w)as a function of (w/wp) for metals., ACTA CINCIA INDICA P-459 VOL XXXI P 2005 No-4.

3. Sarla Dawara & Munish Pandey,. Synthesis , Chracterisation & D.C.conductivity studies of polypyrrole-tio₂ Composites, ACTA CINCIA INDICA P-459 VOL XXXVII P-2,133(2011).
- 4.Preeti Sarode,Munish Pandey., Development of M- Commerce and Urbanization, Impact of Urbanization,**ISBN:978-81-8465-862-0**,p255-260, 2011.
5. Preeti Sarode,Munish Pandey,. Open Source Software For Information Technology Students., Proceeding of State level seminar on EmergingTrends And Opportunities in Information Technology, p 56-59 2011.
- 6.Dr.S.S.Patil,Munish Pandey, Impact of Urbanization on nature/climate, Impact of Urbanization,**ISBN:978-81-8465-862-0**,p109-114, 2011.
7. S.S.Patil,Munish Pandey,D.C.Kothari .Effect of Ion implantation and Ion beam mixing on corrosion resistance of material ,RTMR-11,,p43,jan 2011.
8. Dipti Khandare,Munish Pandey . Synthesis and Structural properties of conducting Polypyrrole- Nano Zro₂ composite ,Proceeding of State level seminar on Synthesis and Characterization of Nano Materials ,p16,2012
9. Munish Pandey ."Synthesis and Surface study of polypyrrole copolymer using polystyrene", Proceeding of National level seminar on Explore Physics , p22-25,2013
10. Munish Pandey,Rich Badlani,Bhagyshree Patiai ."Synthesis and Characterization of Enzyme doped polypyrrole material" ,Proceeding of National level seminar on Explore Physics ,p68-71,2013
12. Munish Pandey ."Polypyrrole-Zro₂ composite: XRD and DC conductivity study for doping", Proceeding of National level seminar on EmergingTrends in Physical Sciences ,p53-58,2015 **ISBN 978-93-5212-614-9**
13. Munish Pandey, B.M. Bhangale,,M.M. Khandpeker, Effect of Temperature on Dielectric constant and Electrical Conductivity of Pure and Urea Added KDP , Invertis Journal of Science and Technology, Vol. 9, No. 1, 2016 ; pp. 30-35, **ISSN 0973-8940 Online : ISSN 2454-762X**
- 14.Munish Pandey, Preeti Sarode , "A Study Of 3G,4G And 5G Technology Of Wireless Communication System" GLOBEL RESEARCH THOUGHTS **ISSN 2231-5063,22 feb2016 impact factor 3.4052**
15. Munish Pandey, Preeti Sarode , "Role of information Technology for Mission Make In india" GLOBEL RESEARCH THOUGHTS **ISSN 2231-5061,23jan2017 impact factor 4.6052**
- 16.Munish Pandey, , "EMPLOYABILTY AND SKILL DEVELOPMENT FOR PHYSICS STUDENTS FOR JOB PERSPECTIVE" REVIEW OF RESEARCH **ISSN:2249-894X,MARCH 2018**

17. Munish Pandey and Richa Badlani," SYNTHESIS AND STUDY OF NOVEL PAPAINE-POLYPYRROLE COMPOSITE" International Journal of Recent Scientific Research Vol. 10, Issue, 03(C), pp. 31331-31333, March, 2019 **ISSN:0976-3031 Impact Factor 2017: 7.383, UGC JOURNAL NO:46629**

18. Munish Pandey, Richa Badlani, INVESTIGATION OF ANTIBACTERIAL ACTIVITY OF PAPAINE DOPED POLYPYRROLE AGAINST GRAM POSITIVE AND GRAM NEGATIVE BACTERIA Invertis Journal of Science & Technology Vol. 12, No. 1, January-March 2019, pp- 20-23 **DOI: 10.5958/2454-762X.2019.00004.0**

19. Munish Pandey, Richa Badlani, SYNTHESIS AND MORPHOLOGY STUDY OF POLYPYRROLE PAPAINE COMPOSITE —*Recent Trends in Chemical and Physical Sciences* [RTCPs-2019] Proceedings of National Conference, **ISBN: 978-93-5346-273-4**

20. Munish Pandey, **Synthesis and characterization of KDP Crystals Mixed with enzyme papain**, Invertis Journal of Science & Technology, vol.12, no.3, July-Sept-2019, pp-85-9

21. **Munish Pandey** Richa Badlani AC Conductivity And Dielectric Study of poly-pyrrole/papain composite, International journal of research-Granthaalaya, vol 7 issue 8 Aug 2019, ISSN-2350-0530

PAPER PRESENTED

Sr no	level	Date	Title Of The Paper	place	Topic
1.	State	22/1/11	Open Source software for information and Technology Students	Vikash college, vikroli	Emerging trends and opportunity in I.T.
2.	National	24-25/1/2011	Development of M-commerce and urbanization	KMA	Impact of urbanization
3.	National	24-25/1/11	Impact of urbanization on nature climate	KMA	Impact of urbanization
4.	state	11/2/2012	Synthesis and structural properties of conducting polypyrrole/nano-ZnO composite	Vikash college	Synthesis and characterization of nanomaterials
5	National	23/12/2013	Synthesis and surface study of polypyrrole copolymer using polystyrene	Change Khan Thakur college	Explore physics

6.	National	23/12/2013	Synthesis and characterisation of Enzyme doped polypyrrole	Change khan thakur college	Explore physics
7	INternational	2/2/15	Effect of temperature on dielectric constant and electrical conductivity of pure and urea added KDP	Anna University Chennai	ISSMD-3
8	National	9- 10/10/2015	Study of DC conductivity of Urease Doped Polypyrrole Material	Haldia West Bengal	NSNN-2015
9	National	24/1/2015	Polypyrrole-ZrO ₂ composite: XRD and DC conductivity study	N B Mehta college	ETIPS-2015
10	National	29/4/2017	SURFACE STUDY OF ENZYME DOPED POLYPYRROLE MATERIAL	Birla College	RTBN-2017
11	International	23/1/2017	Role of information for mission make in india	KMA	Make in india
12	international	3/3/2018	Employability of physics student	KMA	Skill development and social innovations

MINOR RESEARCH PROJECT (Completed)

Sr no	Title	Reference no	Amount	University/college
1	Ceramic Polymer Material Synthesis And Characterisation	Project No. 91 Ref.No. APD/237/ 129 of 2010 at 14 th Jan 2010	25000=00	Mumbai University
2	Synthesis & Characterization of co-polymer using polypyrroee as one of polymer material	Project No. 24 Ref.No. APD/237/321/2012 dated 17 nov 2012	31400=00	Mumbai University
3	SYNTHESIS AND CHARACTERISATION OF PLANT EXTRAT DOPED KDP CRYSTAL	Project No. Ref.No.411 APD/237/601/2013 dated 17 nov 2012	45000=00	Mumbai University
4	Synthesis & Characterization of co-polymer using polypyrroee as one of polymer material	KMA/MRP/T/2018/001	25000=00	K.M.Agrawal College

Books: First year and Second year B.Sc. BY TECH MAX PUBLICATION

<i>Sr.no.</i>	<i>Title</i>	<i>ISBN NO</i>	<i>AUTHORS</i>	<i>SEM/DATE</i>
1.	<i>CLASSICAL PHYSICS(PHYSICS -1)</i>	978-93-5077-027-6	<i>Dr.Munish Pandey,satyajit s Kamble</i>	<i>Sem-I(2016-17)</i>
2.	<i>Mechanics and Thermodynamics(PHYSICS -1)</i>	987-93-5077-	<i>Namarata R Ajwani, Dr.Munish Pandey,Dinesh B</i>	<i>Sem-III(2017-18)</i>

		079-5	Himatsinghani	
3.	Vector Calculas,Analog Electronics(PHYSICS -II)	987-93-5077-080-1	J.S.Katre,Namarata R Ajwani, Dr.Munish Pandey,Dinesh B Himatsinghani	Sem-III(2017-18)
4.	Applied Physics-I(PHYSICS -III)	987-93-5077-081-8	Namarata R Ajwani, Dr.Munish Pandey, Dinesh B Himatsinghani	Sem-III(2017-18)
5.	Mathematical Physics(PHYSICS -1)	978-93-87523-78-4	Dr.Munish Pandey,Dr.Gitesh G.Padhya	Sem-II(2016-17)
6.	Optics and digital ElectronicsPHYSICS - I)and Quantum Physics(PHYSICS -II)and	978-93-87656-24-6	J.S.Katre, Dr.Munish Pandey,Dr.Ravindra H. Upadhyay Dr.Mahendra M Khandpeker	Sem-IV(2017-18)
7.	Applied Physics-II(PHYSICS -III)	978-93-87656-24-1	J.S.Katre,HarishG.Narula Dr.Munish Pandey, Dr.Pushpender G.Bhatia	Sem-IV(2017-18)

Recognized Teacher of the Universities

- 1) M.Sc , Degree in Physics by Papers, Mumbai University, MUMBAI.
- 2) M.Sc, Degree in Physics by Research, Mumbai University, MUMBAI.
- 3) M.Phill , Degree in Physics ,Madurai University, Madurai. MUMBAI.
- 4) M.Phill , Degree in information technology YCMOU,NASHIK.
- 5) Ph.D. degree in physics from, JJT University, Rajasthani Seva Sangh ,RAJASTHAN.
- 6) Ph.D. degree in physics from, Mumbai University, MUMBAI.

Membership

* Life Member -**Indian Association of physics(gen/LM/12027)**

Life Member -**Physics Academy of North East(144)**

*Member - **Board Of Studies** for subject of Physics , University of Mumbai.(2010-2015)

* Life Member -**society for materials chemistry (LM-321),BARC**

*Life Member - **MRSI, BARC (LMB-1549)**

* Life Member -**ACTA CIENCEA physics**

Life Member –**AAA mumbai**

Seminar/ Workshop/ Conference

Orientation/ refresher completed

SRN	Orientation/ Refresher	Organising Body	Date (From- To)	Theme of the Course/Grade
1	Orientation	UGC academic staff college Mumbai university	17/1/2005- 15/2/2005	B
2	Refresher	UGC academic staff college Mumbai university	18/10- 8/11/2007	A
3	Refresher	UGC academic staff college GOA university	30/3- 19/04/2009	A
4	Refresher	UGC academic staff college GAUHATI university	20/2- 11/3/2012	A
5	SHORT TERM course	UGC-HRD center- panjab university,chandigarh	22/9/- 28/9/2015	-

Academic workshops:

Sr.No	topic	place	Conference/workshop seminar	date
1	Revised syllabus of FYBSC	B.N. Bandodker college	WORKSHOP	27/2/2002
2	Revised syllabus of SYBSC	Dyanasadhana college	WORKSHOP	1/2/2003
3	Revised syllabus of f.y.b.sc	D.G.Ruparel,mumbai	/workshop	26/july2008
4	Revised syllabus of S.y.b.sc	R.JHUNJHUNWALA COLLEGE	WORKSHOP	11/7/2009
5	Revised syllabus of T.y.b.sc(PRACT)	B.N.BANDODKAR	WORKSHOP	7/8/2010
6	Revised syllabus of T.y.b.sc(THEO)	V.G.VAZE	WORKSHOP	31/7/2010
7	MICRO PROCESSOR&CONTROLLER	SOMAIYA	WORKSHOP	6/12/10
8	CREDIT BASEED GRADING SYSTEM FYBSC	V.G.VAZE	WORKSHOP	20/6/2011
9	EMBADED SYSTEM	KHALSA COLLEGE	WORKSHOP	28-29/11/11
10	CBSC FOR SYBSC	RD NATIONAL	SEMINAR	23/6/2012
11	Revised Syllabus TYBSC	V.G.VAZE	WORKSHOP	22/2/2013
12	Revised syllabus of FYBSC	Vaze college	WORKSHOP	9/04/2015

13	Revised syllabus of FYBSC	DG Ruparal college	WORKSHOP	5/7/2016
14	Revised syllabus of SYBSC	DG Ruparal college	WORKSHOP	10/6/2016
15	Revised syllabus of TYBSC	R jhunjhunwala college	WORKSHOP	19/6/2017
16	Revised syllabus of SYBSC	Jai hind college	WORKSHOP	7/7/2017
17	Revised syllabus of FYBSC	Gurunanak college	WORKSHOP	10/10/2017
18	Revised syllabus of SYBSC	SIWS college	WORKSHOP	21/6/2017

Developmental seminar/workshops

sr	topic	place	Conference/workshop seminar	date
1	Low cost instrumentation	K.V.pendharker	workshop	8-10/7/1998
2	Role of information technology in physics curriculum	Dyanasadhana college	WORKSHOP	29-30/1/2001
3	Contribution of teacher in the corporate life	VV bhavan mumbai	WORKSHOP	3-4/1/2003
4	Physics education basic research and new technology	BARC	seminar	6-8/11/2003
5	Superconductivity and low temperature techniques	Gurunanak college	seminar	21/2/2004
6	21 st century teacher	Ram Krishna ,math	workshop	20/8/2005
7	Implementation of reservation policy in education	Dyanasadhana college	seminar	25/8/2006
8	Emerging Alternative vision of Knowledge revolution	Pherojshaha Mehta bhavan kalina	seminar	14/8/2007
9	Optical spectroscopy	WRIC,mumbai	workshop	5-9/1/2009
10	Implementation of revised syllabus of physics	Bandodker college	workshop	7/8/2010
11	cosmology		workshop	25-26/10/2010

12	MP& MC for teacher	Somaiya	workshop	6/12/2010
13	EMBADED SYSTEM	KHALSA COLLEGE	WORKSHOP	28-29/11/11
14	EXPLORING BASIC PHYSICS	RD NATIONAL	SEMINAR	28/1/2012
15	Modern....polymer S&T	ICT MATUNGA	WORKSHOP	3-4/4/2013
16	IPR&CYBER LAW	Vivakanand COLLEGE	WORKSHOP	30/01/2014
17	Role of Best practice...HEInstitution	CKT college IQAC	SEMINAR(NATIONAL	24-25 /04 /2015
18	Green chemistry	National college	WORKSHOP	6/12/15

CHAMPIONSHIP ORGANISED IN SPORTS:

MAHARASTRA STATE ARCHERY CHMPIONSHIP	SACRED HEART SCHOOL KALYAN	CHAMPIONSHIP	26-27/12/2009	MAHARASTRA STATE ARCHERY CHMPIONSHIP
TAEKWONDO CHMPIONSHIP	K.M.AGRAWAL COLLEGE	CHMPIONSHIP	15/01/2011	TAEKWONDO CHMPIONSHIP

Trekking attended:

Exploration	DANGS, Gujarat tourism	Trekking	26-29/10/2006	exploration
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Invited speaker:

Place	DATE	TOPIC
HALDIA INSTITUTE OF TECHNOLOGY	National seminar	polypyrrole/ nano-ZrO ₂ composite
k.m.Agrawal college	National seminar	Session cordinator

Awards:

Bharat shiksha Ratan

Award by Global society for Health and Education Growth , Delhi-
FEB, 2016