

CURRICULUM-VITAE

Total Experience = 19 Yrs (Post Ph.D. = 13 yrs)

Name : Dr. CHAVHAN PANDURANG MARUTI

Asst Prof & Head (In charge), Chemistry Dept

Amity University Mumbai

E-mail: pandurang.chavhan@gmail.com

ORCID: <https://orcid.org/0000-0002-2544-5423>

Scopus Author ID: 35085762800

Web of Science Researcher ID: AAG-7958-2020

Skype ID: pmchavhan

Mobile: +91-7447228259/9662253173



Objective: - Professional career in academics and research to advance knowledge, innovations and technology of institute in particular and in general to the society.

Employment record:-

- ✓ Aug 2016 – till date, Asst Professor, Amity University, Mumbai
- ✓ Mar 2016 – Aug 2016, Asst Professor, Uka Tarsadia University, Surat (GJ)
- ✓ April 2013 – Mar 2016, Senior Scientist, Electrical Research & Development Association, Vadodara (GJ)
- ✓ Oct 2011 – April 2013, Research Fellow, Center for Materials for Electronics Technology, Pune
- ✓ Aug 2010 – August 2011, Contract based Professor, Chungnam National University, South Korea
- ✓ Mar-2009 – June 2010, Research Fellow, National Physical Laboratory, New Delhi
- ✓ Sept 2007 – April 2008, Lecturer, Dept. of Applied Chemistry, Shivaji University Kolhapur
- ✓ April 2004 – Mar 2009, Joint PhD Scholar, National Physical Laboratory, New Delhi & Department of Chemistry, University of Delhi
- ✓ March 2003 – April 2004, Trainee officer, LUPIN Ltd, Mandideep, Bhopal (MP)

Educational Qualifications:-

Sl. No	Examination Passed	Year of Passing	Name of School/College	Name of Board/University	Class / % of Marks	Main Subject (s)
1	B.Sc.	1999	Science College, Magalwedha, Dist-Solapur	Shivaji University, Kolhapur (MS)	1 ST	Chemistry
2	M.Sc.	2002	Department of Chemistry	Shivaji University, Kolhapur (MS)	1 ST	Chemistry
3	PhD	Jan 2005-Mar 2010	CSIR-NPL & Chem Dept, DU	University of Delhi, Delhi	-----	Chemistry
4	Contract based Professor (Post Doctor)	August 2010 – July 2011	Department of material science & engineering	Chungnam National University, Daejeon, South Korea	-----	Electrochemical Biosensor
5	GATE	Mar 2003	---	IIT Madras, Chennai	88.28%	Chemistry

PhD Course work papers passed:-:

- a) Synthetic Organic Chemistry-II
- b) Organic Synthesis-I
- c) Bio-Inorganic Chemistry-II
- d) Chemistry of trace elements in human body
- e) Thermo analytical methods of analysis
- f) Spectroscopy of organic compounds

Other Courses:-

No.	Name of the course	Institution /Organizers	Year	Duration (in Months)
1	ARPIT 2020 : Online Refresher Course in Chemistry For Higher Education		2021	4 Months (1 st Dec 2020 to 31 st March 2021)
2				

Areas of research : Applied Chemistry, Nanomaterials and Electrochemical Biosensor, etc.

Award & Accolades:-

1. **Paper Presentation Merit Award** for a paper presentation on “**Identification, isolation and characterization of unknown potential genotoxic impurities in silodosin** in (ICAMSBSIT-2022)” Panvel, Navi Mumbai, India, on Saturday, February 26, 2022.
2. **TOP 30 TRANSFORMATIONAL INNOVATION PROJECTS IN INDIA AWARD-2017** under SKOCH ORDER-OF-MERIT category for a R&D project on “Development of anti dust, self cleaning coating for solar panels” completed as Principal Investigator, awarded by SKOCH GROUP on 20th December, 2017, held at Constitution Club of India, Rafi Marg, New Delhi.
<http://www.skoch.in/240/skoch-orderofmerit-list-2017.html>
<https://erda.org/internal.html>
3. **R&D Project-Excellent Category Award-2016** for internal project on “Development of anti dust, self cleaning coating for solar PV panels” awarded by Electrical Research & Development Association, Vadodara, Gujarat on 16/03/2016.
4. **Incentive award** for achieving higher revenue than target for the financial year 2015-16, on 16th March 2016 by Electrical Research & Development Association, Vadodara, Gujarat.
5. **Best paper award** in INSULEC, International conference, 23rd Jan-2015, Mumbai, India
6. **Brain Korea-21, Postdoctoral Fellowship-2010** titled “ **Education center for Advanced intelligent components and Materials**” Awarded by National Research Foundation of South Korea
7. **Qualified GATE-Chemistry** test conducted by IIT Madras, Chennai in 2003 with 88.28 percentile score (*All India Rank -339*).
8. **PhD Guide in Chemistry** recognition in Jan 2020, Amity University Maharashtra, Mumbai

Editorial /Membership/Reviewer:-

1. Executive Guest Editor to the journal entitled "**Current Materials Science – CMS**", Bentham Science Publishers

2. Editorial Board Member, Science Journal of Analytical Chemistry, Science publishing group (ISSN Print: 2376-8045, ISSN Online: 2376-8053), Since Feb 2022 (2-Years).
3. Editorial Board Member, Journal of Modern Polymer Chemistry and Materials (JMPCM, ISSN 2788-8193), From Aug 2021 (3-Years)
<http://www.innovationforever.com/aboutjournal/?code=JMPCM&journalcode=JMPCM&journalid=1339748319989231625&tab=Editorial%2520Board%2520Members>
4. Editorial Board Member, Journal: Earth Sciences, Science publishing group (ISSN Print: 2328-5974) ISSN Online: 2328-5982.
5. Member, CO2India Network, Sat, Jul 3, 2021 <https://www.co2india.org/members>
6. Member, American Chemical Society, ACS Member Number: 31725356, October 23, 2020
7. Member, ACS Colloids Community -October 23, 2020
8. Life time member, Scientific and Technical Research Association (STRA), Euresia Research, (Membership ID: STRA-M19556), May 2019
9. Senior Member, The Asia Society of Researchers (ASR), Member Number: R219043002, May 2019
10. Member, American Nano Society, from 06th Jun-2011, Membership ID: 112693, Membership Type: Full Member.
11. Reviewer, *CrystEngComm*, RSC, ISSN – 1466-8033 , Jan 2022
12. Reviewer, Materials Research, (Online ISSN 1980-537) Print ISSN 1516-1439. Nov 2021
13. Reviewer, Journal of Emerging Technologies and Innovative Research, ISSN – 2349-5162

Membership of Academic committee/Panels

- Member, Departmental Research Committee (DRC) meeting of Chemistry, Amity School of Applied Sciences Amity University Mumbai
- Member, Departmental Research Committee (DRC) meeting of Centre for Nanoscience and Nanotechnology, Amity University Maharashtra, Mumbai held on 12th March 2021.
- Member, SRC meeting on pre-synopsis submission of Ms. Tamanna Taskeen held on February 08, 2021, Amity Institute of Biotechnology, Amity University Mumbai.
- Member, Board of Studies, Centre for Nanoscience and Nanotechnology, Amity University Maharashtra, Mumbai held on 21st Sept 2020
- Member, Board of Studies, Chemistry, Amity School of Applied Sciences, Amity University Mumbai

Research Guidance :

- ✓ No of Students registered for PhD Chemistry - 04
- ✓ No of UG and PG students guided for Summer project and M Sc dissertations – 18

Invited Talks/Session Chair:

- ✓ **Session Chair** in a “National Conference on Machine Learning” (NCML-2019) held during 26th, March 2019, organized by Amity School of Information Technology, Amity University, Mumbai , India.

- ✓ **Invited for an expert lecture**, delivered on “Nanotechnology and Medicinal Applications” on Friday 30th August 2019 at 11.00 am under Faculty Exchange Programme in Mahatma Phule Arts, Science & Commerce College, Panvel, Navi Mumbai
- ✓ Delivered a **contributory Lecture** on “Nanomaterials & Applications” in two Day’s Seminar cum Workshop on “The Future Perspective of Applied Science and Technology”– 2019” (FPAST-2019) organized by Amity School of Applied Sciences, Amity University, Mumbai held between, Tuesday 24/09/2019 – Wednesday 25/09/2019
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Research Project Completed/Ongoing/Submitted/Pipeline:-

Sl. No	Project name	Role & Institute	Funding Agency	Project/duration	Budget	Status/ Any Output etc
1	Development of anti dust, self cleaning coating for solar PV panels	Principal Investigator (PI) & ERDA	Electrical Research and Development Association (Internal R&D Project)	02 year	Rs. 2,00,000/- + (50,000/- Consumables)	<u>Completed</u>
2	Development of antireflective coating for solar PV applications	Principal Investigator (PI) & ERDA	Electrical Research and Development Association (Internal R&D Project)	01 year	Rs. 2,47,000/-	<u>Completed</u>
3	Development of Nanofibers -----	Principal Investigator (Amity Univ)	DST	03 yrs	37.45 lakh	Submitted

Projects in Pipeline

Sr No	Project Title	Status
1	Novel electrochemical ----- early detection of pathogens	To be Submitted
2	Nature inspired ----- solar PV applications	To be Submitted
3	Nano reinforced Polymer matrix----- for automotive sector	To be Submitted

External Examiner/Evaluator/member for PhD thesis/ BoS/Major Projects /Practical’s/ Seminars/ NTCC courses:-

1. *External PhD Thesis Examiner* (Reviewer) in Chemistry, Jan 2019, UKA Tarsadia University, Surat, India
2. *External Examiner* for Odd sem (2020-2021) End term practical exam of Inorganic Chemistry Lab I, CHEM-620, of M.Sc. Chemistry (Org./Inorg./Physical), Sem. I, scheduled for Saturday, the 23rd of January 2021, 09:30 AM-01:00 PM, Amity Institute of Applied Sciences, Noida, Amity University Uttar Pradesh
3. *External Evaluator of Major projects* of M Sc Applied Chemistry, Sem IV, batch 2018-2020, Date : 24 & 25th June 2020 Time : 10:00 AM -2:00 PM.
4. *External Examiner* to conduct the M. Sc.(A.C.) Practical Examination of Applied Chemistry lab-I and Instrumental Lab-I, Sem III, Batch 2019-21, held on 29th August 2020, 9:00-12:00 PM and 1.00 PM to 4.00PM.

5. *External Examiner* B. Tech Engineering Chemistry Practical Examination held on 19th September 2020, 9:00AM-12:30 PM.
6. *External examiner* for NTCC Seminar-I of B Sc (H) Chemistry, Semester V on August 19, 2020, from 1:45 to 6 PM.
7. *External Examiner* to conduct the Physical Chemistry Practical Examination of Physical Chemistry-IV (CHEM 301) Batch: 2017-20, held on 9th July and 10th July, 2020.
8. *Member, Board of Studies* for Centre for Nanoscience and Nanotechnology, Amity School of Engineering & Technology, Amity University Maharashtra, Mumbai held on 26th Sep 2020.
9. *Panelist for AUM-Ph. D. Orientation Program*, Amity University Maharashtra, Mumbai held on Sept 10, 2020.

Special Achievements:-

- Recorded in *American biography* of Who's Who in the World 2011 (28th Edition)

Courses taught at Amity University Mumbai:- (Aug2016 – Feb 2020)

(Very well verged with online teaching over MS Teams, Zoom.us, Google meet & ALMS platforms)

- **PhD Chemistry**
 - Course work Chemistry, Sem-I: Advanced applications of Chemistry (Nanomaterials and nanostructures, Modern analytical techniques, Advanced spectroscopy etc
 - PhD Literature Review Course (Sem-I)
- **M Sc Chemistry**
 - Theory courses-Organic Chemistry (Sem-I, II, III), Nanomaterials Chemistry (Sem-II), Industrial Chemistry (Sem-II) Instrumental methods of analysis (Sem-III)
 - Lab courses: Organic Chemistry Lab (Sem-I III), Industrial Chemistry Lab (Sem-II) etc
- **UG: B Sc Chemistry**
 - Theory courses-Organic Chemistry (Sem I-VI), Industrial Chemistry (Sem-IV), Analytical Chemistry Sem-I-II), Nanochemistry (Sem-VI) Biochemistry (Sem-IV)
 - Lab courses: Organic Chemistry Lab (Sem I-VI) , Analytical Chemistry Lab (Sem I-II),
- **B Tech First year Engineering**
 - Applied Chemistry Theory & Lab,
- **B Tech Biotechnology:**
 - Chemical Engineering Principles (Sem-IV), Applications of Nanotechnology in Medicines (Sem-IV) Chemistry Lab (Sem-I, II).

International publications

1. Dhanaji M Mohite, **Pandurang M. Chavhan***, Design, Synthesis and Isolation of Advanced Precursor in the Effective Treatment of COVID-19, **Chem Comm**, *Under review*
2. **P. M. Chavhan***, R K Sharma, NK Kaushik, Synthesis, Characterization and optical properties of B12A7 thin films derived by sol-gel process, **Journal of Physics and Chemistry of Solids**, *Under review*

3. Dhanaji M. Mohite, **Pandurang M. Chavhan***, Ramesh D. Mohite, T.R. Mudgal, Waste water treatment: A perspective of nanotechnology; *International Journal of Mechanical Engineering*; 2022, 7(2), 61-68. **IF=2.1**
4. Priya Kumari, and **P. M. Chavhan**, Role of ‘Nanotechnology’ in Treatment of COVID-19; *International Journal of Medical and Clinical Case Reports*, 2021, 1(1), 1-4.
5. Priya Kumari, and **P. M. Chavhan**, 3D Bioprinting Methods and Techniques – A Information; *International Journal of Medicine and Healthcare Reports*, 2021, 1(1), 1-4.
6. Md. Azahar Ali, Saurabh Srivastava, Kunal Mondal, **Pandurang M. Chavhan**, Ved V. Agrawal, Renu John, Ashutosh Sharma and Banshi D. Malhotra, A surface functionalized nanoporous titania integrated microfluidic biochip; *Nanoscale*, 2014, 6, 13958-13969. **IF= 7.79**
7. Ajeet Kaushik, Pratima R. Solanki, **P.M. Chavhan**, B.D. Malhotra, Sol-gel Derived Nanostructured Zirconia for Cholesterol Detection; *Journal of Nanoscience Letter*, 3 (2013) 23. **IF=2.404**
8. Suarabh Shrivastv, Md. Azahar Ali, Pratima R. Solanki, **P.M. Chavhan**, M. K. Pandey, A. K. Mulchandani, Anchal Srivastava, B.D. Malhotra, Mediator-free microfluidics biosensor based on titania-zirconia nanocomposite for urea detection; *RSC Advances*, 3 (2013) 228-235. **IF=3.119**
9. **P.M. Chavhan**, Venu Reddy, Pratima R. Solanki, B.D. Malhotra, CheolGi Kim, Sol-gel Derived Nanostructured Zirconia Platform for Vitamin C Detection; *Journal of the Electrochemical Society*, 160 (2) (2013) H93-H97. **IF= 3.721**
10. **P.M. Chavhan**, Venu Reddy, CheolGi Kim, Nanostructured Titanium Oxide Platform for Application to Ascorbic Acid Detection; *International Journal of Electrochemical Science*, 7 (2012) 5420 – 5428. **IF= 1.730**
11. **P.M. Chavhan***, Anubha Sharma, R.K. Sharma, CheolGi Kim and N.K. Kaushik, Sol-gel derived $6\text{CaO}\cdot 6\text{SrO}\cdot 7\text{Al}_2\text{O}_3$ thin films using metal alkoxides; *Ceramics International*, 37 (2011) 3413-3417. **IF=3.830**
12. **P.M. Chavhan***, Anubha Sharma, R.K. Sharma, Govind, CheolGi Kim and N.K. Kaushik, Structural and optical properties of $6\text{CaO}\cdot 6\text{SrO}\cdot 7\text{Al}_2\text{O}_3$ thin films derived by sol-gel dip coating process; *Journal of Non-Crystalline Solids*, 357 (2011) 1351-1356. **IF=2.929**
13. **P.M. Chavhan***, Anubha Sharma, R.K. Sharma, Gurmeet Singh and N. K. Kaushik, Dip coated $12\text{CaO}\cdot 7\text{Al}_2\text{O}_3$ thin films through sol-gel process using metal alkoxides; *Thin Solid Films*, 509 (2010)18-23. . **IF=2.030**
14. H.K. Singh, D.C. Agarwal, **P.M. Chavhan**, R.M. Mehra, Shruti Aggarwal, Pawan Kumar Kulriya, Ambuj Tripathi, D.K. Avasthi, Study of swift heavy ion irradiation effect on indium tin oxide coated electrode for the dye-sensitized solar cell application; *Nuclear Instruments and Methods in Physics Research B*, 268 (2010) 3223–3226. **IF=1.210**
15. **P.M. Chavhan**, R.K. Sharma, and N.K. Kaushik, Sol-gel derived $6\text{SrO}\cdot 6\text{BaO}\cdot 7\text{Al}_2\text{O}_3$ thin films using metal alkoxides; *Applied Surface Science*, 256 (10) (2010) 3337-3341. **IF=6.707**
16. **P.M. Chavhan**, Anubha Sharma, R.K. Sharma, and N.K. Kaushik, Morphological and optical properties of sol-gel derived $6\text{SrO}\cdot 6\text{BaO}\cdot 7\text{Al}_2\text{O}_3$ thin films; *Applied Surface Science*, 256 (2010) 2076-2080. **IF= 6.707**

17. **P.M. Chavhan**, R.K. Sharma, and N.K. Kaushik, *Sol-gel derived $12\text{BaO} \cdot 7\text{Al}_2\text{O}_3$ thin films using metal alkoxides*; **Journal of Sol-Gel Science and Technology**, 53(3) (2010) 505-508. **IF= 2.15**
18. Pratima R. Solanki, Ajeet Kaushik, **P.M. Chavhan**, S.N. Maheswari, B.D. Malhotra, *Nanostructured Zirconium Oxide Based Genosensor for E. coli Detection*; **Electrochemistry Communication**, 11 (2009) 2272-2277. **IF=4.333**

#Paper published in international conference/workshops/symposia:-

1. Rao, H. Jeevan and **Chavhan, P. M.**, *Impact of Chemical Treatment and Bonding Agents on Mechanical Behavior of Polymer-Coir/Banana Natural Cellulose Fiber Hybrid Composite* (June 26, 2020). Proceedings of the International Conference on Recent Advances in Computational Techniques (IC-RACT) 2020, Available at SSRN: <https://ssrn.com/abstract=3703889> or <http://dx.doi.org/10.2139/ssrn.3703889>
2. **P M Chavhan**, S M Falnkar, U N Puntambekar, V Shrinet, *Nano-montmorillonite (MMT) clay reinforced high density polyethylene for electrical applications*, IVB 7-10; International Conference on Electrical and Electronic insulating materials and systems (INSULEC-2015), organized by EIM, Electrical & Electronic Materials & Systems(IEEMA) held during 22nd and 23rd January 2015, Hotel Holiday Inn, Mumbai, India
3. **Best paper award**: K D Chudasama, **P M Chavhan**, U N Puntambekar, V Shrinet, *Effect of nano-clay on the dielectric properties of EVA*, International Conference on Electrical and Electronic insulating materials and systems (INSULEC-2015), IVB 11-14; organized by EIM, Electrical & Electronic Materials & Systems(IEEMA) held during 22nd and 23rd January 2015, Hotel Holiday Inn, Mumbai, India
4. A.M. Sargar, N.S. Patil, S.R. Mane, **P.M. Chavhan** and P.N. Bhosale: *Structural, Morphological and compositional study on ZrSe_2 thin films*, International Conference on Material Science Research and Nanotechnology, ICMSRN-2008, 294-296; organized by Dept of Physics, Mother Teresa Women's University, Karaikudi, Tamil Nadu, held during 27-30 March, 2008, Karaikudi, Tamilnadu, India.

Paper Presentation in conferences/ workshops/symposia:-

1. A paper presentation on “**Phosphonium and diphosphazanium salts as an efficient and robust phase transfer catalysts for solid-liquid Halex reactions** ” in INTERNATIONAL E-CONFERENCE ON ADVANCES IN MATERIAL SCIENCE, BIO-SCIENCE AND INFORMATION TECHNOLOGY (ICAMSBSIT-2022)” organized by Rayat Shikshan Sanstha's Mahatma Phule Arts, Science and Commerce College, Panvel, District-Raigad, (MS) India, 410 206 on Saturday, February 26, 2022.
2. A paper presentation on “**Simultaneous Determination of Key Starting Material and its intermediate with Final API of Imipramine Hydrochloride using RP-HPLC**” in INTERNATIONAL E-CONFERENCE ON ADVANCES IN MATERIAL SCIENCE, BIO-SCIENCE AND INFORMATION TECHNOLOGY (ICAMSBSIT-2022)” organized by Rayat Shikshan Sanstha's Mahatma Phule Arts, Science and Commerce College, Panvel, District-Raigad, (MS) India, 410 206 on Saturday, February 26, 2022.
3. **Best paper award** for a paper presentation on “**Identification, isolation and characterization of unknown potential genotoxic impurities in silodosin**” in INTERNATIONAL E-CONFERENCE

ON ADVANCES IN MATERIAL SCIENCE, BIO-SCIENCE AND INFORMATION TECHNOLOGY (ICAMSBSIT-2022)” organized by Rayat Shikshan Sanstha’s Mahatma Phule Arts, Science and Commerce College, Panvel, District-Raigad, (MS) India, 410 206 on Saturday, February 26, 2022.

4. A paper presentation on “**Isolation and Characterization of Carbon Nanoallotropes - Fullerene C-44 from Black Soot and its Applications thereof**” in International Conference on “Recent Trends in 2D Nanomaterials: Synthesis, Properties and Applications: A Virtual Event” organized by Center for Nanoscience and Nanotechnology, Amity University, Mumbai between 24-26 February 2021.
5. A paper presentation on “**Perspectives on Nanotechnology for Waste Water Treatments: A Review**” in International Conference on “Recent Trends in 2D Nanomaterials: Synthesis, Properties and Applications: A Virtual Event” organized by Center for Nanoscience and Nanotechnology, Amity University, Mumbai between 24-26 February 2021.
6. A paper presentation on “Impact of Chemical Treatment and Bonding Agents on Mechanical Behavior of Polymer-Coir/Banana Natural Cellulose Fiber Hybrid Composite” in **International Conference on Recent Advances in Computational Techniques (e-IC-RACT-2020)**, 26th-27th June 2020, Amity University Mumbai, India
7. A paper presentation on “Biosorption of Hexavalent Chromium on Fruit Peel Waste: A Kinetic Approach” in a National Conference on “**Innovations in Environmental and Earth Sciences for Sustainable Future**” (IEESSF-2019) held during 27th and 28th February 2019, organized by School of Environmental and Earth Sciences
8. A paper presentation on “Nanostructured ZrO₂ Based platform for glucose detection” in a International Symposium on “**Microchemistry and Microsystems**” (ISMM) 2011) in Conjunction with the KBCS Spring Meeting, organized by Korea Science and Technology Center, 310, 635-4, Yeongsam-dong, Kangnam-gu, Seoul 135-703, Korea on June 2-4, 2011.
9. A presentation on “Synthesis of Au-CoPtP Barcode Nanowires for Bioapplications” in an International Conference on “**Asian Union of Magnetism Societies**” (ICAUMS-2010), organized by the Asian Union of Magnetism Societies & The Korean Magnetism Society held at Hotel Lotte Jeju, Jeju Island, Korea on December 5-9, 2010.
10. International Conference on “**Indo_Japan workshop on Biomolecular Electronics and Organic Nanotechnology for Environment Preservation**”, (IJWBME-2009) organized by the NPL&DST, Government of India, held at National Physical Laboratory, New Delhi, 17-20 December 2009.
11. "Study of Differently nanostructureed thin films of ZnO grown by different techniques", **International Symposimn on Frontiers in Nanoscale Science, Technology and Education**, organized by Dept of Physics, Cochin University of Science and Technology, Cochin, Kerala, India, 16-19August 2006.

Conference/ Symposia/Workshops/FDP/STTP Organized:-

1. Organizing committee member of “International Conference on Recent Trends in 2D Nanomaterials: Synthesis, Properties and Applications: A Virtual Event” organized by Center for Nanoscience and Nanotechnology, Amity University, Mumbai between 24-26 February 2021.
2. Organization (secretary) of 5 Days webinar series on “Concept of Green Chemistry: Basic to Advanced” organized by Amity School of Applied Sciences, Amity University, Mumbai held between, February 15-19, 2021.

3. Organization of **Student Exchange Programme** between Amity School of Applied Sciences, Amity University Maharashtra, Mumbai & Mahatma Phule, Arts, Science, & commerce college Panvel, Navi Mumbai held on 25 Feb 2020.
4. Organizing Secretary of **FDP** on “New Horizon of Applied Science and Technology organized by Amity School of Applied Sciences, Amity University, Mumbai held between, 9th-11th July 2019.
5. Organizing Secretary, of **two Day’s workshop** on “The Future Perspective of Applied Science and Technology”– 2019” (FPAST-2019) organized by Amity School of Applied Sciences, Amity University, Mumbai held between, Tuesday 24/09/2019 – Wednesday 25/09/2019
6. Organization of **Faculty Exchange Program** between Amity School of Applied Sciences, Amity University Maharashtra, Mumbai & Mahatma Phule, Arts, Science, & commerce college Panvel, Navi Mumbai held on 30th August 2019.
7. Organizing committee member of an “**INTERNATIONAL CONFERENCE ON COMPUTING TECHNOLOGY**” held on 18th-19th Jan 2018 by Amity School of Engineering & Technology, Amity University, Mumbai.
8. Organizing committee member of a One Day National Workshop on “**ADVANCES IN COMPOSITE MATERIAL PROCESSING TECHNOLOGY**” held on Friday 18th Aug 2017.

#Webinar/Conference /Symposia/Workshops/FDP/ STTP participated/attended:-

A) Online mode:-

1. Participated & completed successfully Short Term Training Programme (**STTP**) on Advanced Analytical Techniques in Chemistry (AATC-2020) Department of Applied Chemistry, S. V. National Institute of Technology, Surat between 26-10-2020 to 30-10-2020.
2. Participated in the "One week **Faculty Development Program** on Generative Design using Autodesk Fusion 360" from 7 June to 11 June 2021, organized by Mechanical Engineering Department, Amity School of Engineering & Technology, Amity University Maharashtra.
3. Successfully completed online **Workshop** on “Advanced Skills in Research and Protection of IPR” as value added course from 07 Jun to 11 Jun 2021 organized by Amity Institute of Applied Sciences, Amity University, Noida.
4. Participated in Webinar with Taylor & Francis: Publishing in academic Journals” held on April 8, 2021 organized by EURAXESS WORLDWIDE.
5. Participated in Webinar with Taylor & Francis: Increasing the visibility and impact of your research” held on April 22, 2021 organized by EURAXESS WORLDWIDE.
6. Webinar on the topic of “Engineered Nanostructures for Therapeutic and Biological Applications” on 3rd July, 2020, organized by Dept of Physics, RPS college Haryana.
7. Participated actively in 2nd international Twitter conference # NANOBIO20 organized by Vasant dada Patil Mahavidyalaya Karjat and dept of Botany, Shivaji Univ Kolhapur held on 13th-15th April 2020.
8. *Active participation in the **University Distinguished Lecture titled “ Philosophy of Ultimate Success in Scientific Life ” delivered by Prof. D. Basavaiah , INSA Senior Scientist, Professor, School of Chemistry, University of Hyderabad and organized by SRM University-AP held on 28th Nov 2020.***

9. *Active participation in the University Distinguished Lecture titled “Design and Development of Homogeneous/Heterogeneous Catalysts for Sustainable Chemical Industry” delivered by Prof. M Lakshmi Kantam, Dr B P Godrej Distinguished Professor of Green Chemistry and Sustainability Engineering, ICT, Mumbai organized by SRM University-AP held on 17th April 2021.*
10. *Active participation participated in the AISNP Webinar Lecture Series on the topic of “Innovation opportunities during and post COVID era” delivered by Mr. Nitesh Kaushik, Entrepreneurship Development & Placement Specialist (CPPGG), UNDP in India, held on 26 September 2020, organized by Amity International Society for Natural Products, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA).*
11. *Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on " GREEN TECHNOLOGY AND SUSTAINABLE DEVELOPMENT" from 2021-06-14 to 2021-06-18 at Amity University Rajasthan, Jaipur*
12. *Participated & completed successfully one-week online FDP entitled “Research Trends in Civil Engineering” (RTCE – 2021) organized by Department of Civil Engineering, KHIT in association with ISTE; held during 21st to 25th June 2021.*
13. *Participated in “Interactive session with Successful Start-up Founders” held on Friday, 19th March 2021 organized by Institutions Innovation Council and Amity Institute of Biotechnology, Amity University Mumbai.*
14. *A Webinar on the topic of “Metallopharmaceuticals: Coordination and Organometallic Chemistry in Action” delivered by Dr. David Morales-Morales, Professor of Chemistry, Ciudad Universitaria, Coyoacán, Mexico, held on 30 September, 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).*
15. *Online Faculty Development Program on “Moodle-Learning Management System” organized by Amity School of Engineering and Technology, Amity University Maharashtra from 29th May to 31st May 2020.*
16. *A Webinar on the topic of “Innovation opportunities during and post COVID era” held on 26 September 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida.*
17. *A Webinar on the topic of “Fun of Playing around NMR Spectroscopy” delivered by Dr. Diwan S Rawat, Professor, Department of Chemistry, University of Delhi, India, held on 13 June, 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA)*
18. *A Webinar on the topic of “How to Play with NMR Spectroscopy for Small to Large Molecule” delivered by Dr. B. S. Joshi, Senior Manager, BBIO MRS Division, Bruker India Scientific India Pvt. Ltd, held on 20 June, 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA)*
19. *A Webinar on the topic of “Pandemic Leadership: Science and Gender” delivered by Ms. Suryanshi Pandey, Broadcast Journalist, BBC, held on 18 July, 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA)*
20. *A Webinar on the topic of “Elevated Androgens in Pregnancy; Maternal, Fetal and Placental Consequences” delivered by Dr. Jay S Mishra, Research Associate, SVM- Comparative Biosciences, University of Wisconsin- Madison, held on 08 June, 2020, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).*

21. A Webinar on the topic of “**Mass Spectrometry based Metabolomics**” delivered by **Dr. Praveen Kumar**, *Research Manager/Research Scientist*, Mass Spectrometry Research Center, University of Maryland, held on **25 June, 2020**, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).
22. A Webinar on the topic of “**Light Houses in The Face of COVID19 Tsunami: Challenges and Opportunities in The Post Pandemic World**” delivered by **Dr. Vandana Kumar**, *Joint Secretary*, Government of India, held on **15 June, 2020**, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).
23. An International Conference on “**International Virtual Conference on Nanomaterials Applications (VCAN 2020)**” organized by centre for nanotechnology research, Vellore Institute of Technology, Vellore, INDIA, held during 17-19 June 2020.
24. An International Webinar on the topic of “Engineered Nanostructures for Therapeutic and Biomedical Applications” Deptt of Physics, RCS Degree College, Hyriyana (NCR) India on 3rd July 2020.
25. A Webinar on the topic of “**Combining Creative Thinking with Technology Essential for the VUCA World We Now Live In**” held on June 19, 2020, organized by **Amity Directorate of Management & Allied Areas (ADMAA)**, Amity University Uttar Pradesh, Noida (INDIA).
26. A Webinar on the topic of “**The Impact of COVID-19 on HR Strategies and Industrial Relations Practices**” held on June 11, 2020 organized by **Amity Directorate of Management & Allied Areas (ADMAA)**, Amity University Uttar Pradesh, Noida (INDIA).
27. A Webinar on the topic of “**Elevated Androgens in Pregnancy; Maternal, Fetal and Placental Consequences**” delivered by **Dr. Jay S Mishra**, *Research Associate*, SVM- Comparative Biosciences, University of Wisconsin- Madison, held on **08 June, 2020**, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).
28. A Webinar on the topic of “**Healthcare Innovations for The Winning Leap against Covid-19**” delivered by **Dr. Unnat Pandit**, *Programme Director*, Atal Innovation Mission, NITI Aayog, New Delhi, *Professor* at Jawahar Lal Nehru University, held on **05 June, 2020**, organized by Amity International Society for Natural Products, Amity University Uttar Pradesh, Noida (INDIA).
29. A Webinar on the topic of “**Yoga for Community Immunity and Unity - IDY 2020 Celebrations**” delivered by **Sh. Des Raj**, *General Secretary*, Bharatiya Yog Sansthan, India, held on **June 09, 2020**, organized by Amity Institute of Indian System of Medicine, Health & Allied Sciences Domain, Amity University Uttar Pradesh, Noida (INDIA).

B) Offline mode:-

1. One Day International Seminar on “**STEM CELLS IN HEALTH MANAGEMENT**” held on 22nd January, 2020, Organized by Amity Institute of Biotechnology, Amity University Maharashtra
2. Actively participated in a one day NRDC-GAIL sponsored “National workshop on **INNOVATON & INTELLECTUAL PROPERTY RIGHTS (IPR)**” held on 11th Oct 2019, organized by Amity University Maharashtra, Mumbai
3. A workshop on “**Workshop for teachers on Essential tools and guides**” at K J Somaiya College of Engineering, Mumbai held on 29th Sept. 2018.

4. A workshop on “**Joy of learning science through experiments**” organized by Amity School of Applied Sciences, Amity University, Mumbai held on 11th Sept. 2018 at Amity University, Mumbai.
5. A FDP on “**Innovations in Teaching Language and Literature**” organized by Amity School of Languages, Amity University, Mumbai held between 13-20th July, 2018.
6. A three half day training cum workshop on “ **Amizone**” at Amity University, Mumbai held on 18th, 19th and 20th July 2018.
7. A FDP on “**Application of CAD for All**” organized by school of fashion design and technology, Amity University, Mumbai held between 16-17th, July 2018.
8. Actively participated in **Safe Rider Training Program workshop**, Organized by United way Mumbai at Amity University, Mumbai on 19th April 2018.
9. A half day Faculty Development Program on “**Qualitative Analysis**” organized by Amity Business School, Amity University, Mumbai held 4th Oct. 2017 at Amity University, Mumbai.
10. Actively participated in Pedagogical workshops on ‘**RESEARCH AND PROJECT WRITING IN ENGINEERING AND SCIENCES**’ held on 16th march 2017, organized by Amity School of Engineering & Technology at Amity University, Mumbai.
11. Actively participated in a corporate training program cum Seminar on **INNOVATON & INTELLECTUAL PROPERTY RIGHTS (IPRS)** held on 17th Nov 2017 organized by Amity School of Engineering & Technology at Amity University, Mumbai.
12. A two weeks long faculty training “**Workshop on Probability and Statistics for Scientists and Engineers**” at Amity School of Engineering and Technology, Amity University, Mumbai held from first slot 28th Nov, 2016 to 2nd Dec, 2016 and second slot 12th Dec, 2016 to 16th Dec, 2016.
13. A workshop on “**Reliability of solar PV modules in hot Climates**” organized by NCPRE, MNRE govt. of India & NREL USA, Indian Institute of technology Bombay, Mumbai held during 18th -20th October-2015.
14. A workshop on “**Perspectives on Advanced Materials technology**” sponsored by Uka Tarsadia University & organized by mechanical/ automobile engineering department, CGPIT held on 28th Sept, 2015.
15. International Conference on “**6th Bangalore India Nano**” organized by Dept. of IT, BT government of Karnataka, India held on 21-23 Nov. 2013.
16. UGC-SAP “**National Seminar on Synthesis of New Materials for Industrial applications**”, organized by Dept. of Chemistry, Shivaji University, Kolhapur held on 1-2 Feb. 2008.
17. International Conference on “**Advanced Materials and Applications**” (ICAMA-2007), organized by Dept. of Physics, Shivaji University, Kolhapur held on 15-17 Nov. 2007.

#Administrative & Management:-

1. PhD Program Coordinator, Amity school of Applied Sciences, Amity University Maharashtra, Mumbai Since July 2019)
2. Lab In-charge-Chemistry, Amity school of Applied Sciences, Amity University Maharashtra, Mumbai (Since Aug 2017)
3. Exam In-charge, Amity school of Applied Sciences, Amity University Maharashtra, Mumbai (Aug 2016-Aug 2018)

4. Member BoS, Amity School of Applied Sciences, Amity University Maharashtra, Mumbai (Since Aug 2017)
5. Coordinator, “AMCAT” Entrance test, Amity school of Applied Sciences, Amity University Maharashtra, Mumbai. (Aug 2016-Aug 2017)

#Extension, Co-curricular & Field based Activities:-

1. External Visiting Examiner for Chemistry (Paper 2) in Singhania College Thane (5th Feb 2020).
2. Coordinator, A industrial visit of all B Sc students and few faculties to National Center for Nanoscience and Nanotechnology, University of Mumbai, on 5th April, 2019.
3. Coordinator, A Guest Lecture organized by Deptt of Chemistry, on very advanced topic “Recent trends in catalyst developments from Lab to Industries” by Speaker- Dr. Vilas Ravat (PhD IIT Bombay).
4. Mentor, B Sc Chemistry Sem-II/V/VI students, Amity school of Applied Sciences, Amity University, Mumbai for overall growth.
5. Field Studies Tour on Lunar Eclipse and Sky observation’ to Shirdhon, Panvel for Lunar Eclipse observation on 31st January 2018 between 6:30 PM to 9:30 PM.
6. Faculty coordinator for REGISTRATION IN ANNUAL CONVOCATION 2019, held on 9th Aug 2019, Amity school of Applied Sciences, Amity University, Mumbai.
7. Security & Discipline committee member, Inter University event coordinator, Aminova, 22-23, Feb 2018, Amity University, Mumbai.
8. PTM coordinator, Amity school of Applied Sciences, Amity University, Mumbai (June 2016- June 2018).
9. Faculty coordinator for REGISTRATION IN TECHNITIA 2K18, held between 24th-25th Jan 2018, organized by Amity School of Engineering & Technology at Amity University, Mumbai.

#Personal details:-

Present address	Permanant address	Other details
Dr. CHAVHAN PANDURANG MARUTI Flat No.- 316, Type-1, Gangangiri Complex, Opp. Navkar corporation, Ajivali, PANVEL, Navi Mumbai. PIN- 410221 Maharashtra, INDIA	Dr. CHAVHAN PANDURANG MARUTI At-Bawachi, Po-Nimboni,Tal-Mangalwedha, Dist- Solapur, PIN- 413322 Maharashtra, INDIA	Date of Birth : 01 st June, 1978 Marital status: Married Languages known: English, Hindi, Marathi Nationality: Indian Category : Open

#References:-

Prof. N. K. Kaushik (Retd) Ex. Head, Dept of Chemistry, University of Delhi E-mail: narenderkumar_kaushik@yahoo.co.in Ph.-011-27667794, 27666646, Ext. 100, 101, 102	Prof (Dr.) B. D. Malhotra HoD, Biotech Department, Delhi Technological University, Delhi, India OR (Ex. Scientist G & Head, Biomolecular Electronics and Conducting Polymer Research Group, National Physical Laboratory, New Delhi-110 012) E-mail: bansi.malhotra@gmail.com Mobile:- 9968375812
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Prof. (Dr.) M.M. Salunkhe Hon'ble Vice Chancellor, Bharati Vidyapeeth (Deemed to be University) E-mail: manikrao.salunkhe@gmail.com mmsalunkhe@hotmail.com	Prof. CheolGi Kim (Chair Professor) Emerging Materials Science, DGIST, Techno jungang-daero, Hyeonpung-myeon, Dalseong-gun, Daegu, 42988, South Korea Tel: (Office) +82-(0)53-785-6516 Fax: +82-(0)53-785-6509 E-mail: cgkim@dgist.ac.kr Homepage: http://nbest.dgist.ac.kr , http://www.nbest.org
Prof. M B Deshmukh, (BSR Fellow) Ex Head, Department of Chemistry, Shivaji University, Kolhapur, (MS) E-mail: m_deshmukh01@rediffmail.com Mobile: -9860071848	Dr. Vagish Shrinet, Deputy Director and Head, Technology Centre, Electrical Research & Development Association, Vadodara, Gujarat, India E-mail: shrinetvagish@rediffmail.com Mobile: 9978940860
Dr Bharat B Kale, Director, Center for Materilas for Electronics Technology, Pune, E-mail: kbbb1@yahoo.com Mobile: 9423014560	

Declaration:-

I hereby declare that the information given above is correct to the best of my knowledge and belief.

Place: -Panvel, Navi Mumbai

(Dr. CHAVHAN PANDURANG MARUTI)