

# **Prof.(Dr). ARUN GOVINDRAO INGALE**

## **Professor and Head**

Department of Biotechnology, School of Life Sciences,  
Kavayitri Bahinabai Chaudhari, North Maharashtra University, Jalgaon, INDIA  
Phone:-0257-2257423, Cell: 9822708707  
**Email: - agibiotech@gmail.com, agingle@nmu.ac.in**

**Education Qualification:** M.Sc. PhD, NET, FSSc, FMIF-Japan

**Teaching Experience:** - 19 Years

**Administrative experience:** -

## **Head of Department**

- Department Biotechnology, KBC North Maharashtra University, Jalgaon from **(2010-Till date)**
- Department Biotechnology, Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Sub-centre, Osmanabad **(2005-07)**

## **Director (In charge)**

- School of life Sciences, KBC North Maharashtra University, Jalgaon **(May-2011)**
- School of life Sciences, KBC North Maharashtra University, Jalgaon **(Nov-2017)**
- School of life Sciences, KBC North Maharashtra University, Jalgaon **(7-23 ,April-and 4-8 June, 2018)**

## **Chairman:-**

- Paper setter and examination Biotechnology,KBC NMU, Jalgaon **(2009-2013)**
- Practical exam.2009-2017
- *Ad-hoc* BOS Biotechnology, Dr. BAMU, Aurangabad **(2005-08)**
- Joint Secretary: Global Biotech Forum,**(2012-2016)**

## **Area of Research/Expertise**

- Genomics, Proteomics and Bioinformatics, Bionanotechnology

## **Awards/Fellowships/prizes received**

- Fellow MIF-Matsumae International Foundation, Japan
- Fellow (F.S.Sc ), Society of Sciences, Dumka (Jharkhand)
- Best citizen of India award -**2012**, by International Publishing House, New Delhi
- Selected for Rashtriya Gaurav award-**2012**,IndiaInternational friendship society , New Delhi
- Selected for Bharat Shiksha Ratan award-**2013**, Globle Society for Health and Educational Growth,New Delhi.
- Global Teacher Role model Award(**2016**)By MVLA Trust ) Mumbai
- AMBBA achievement award-**2010**,Allumini Association, SGB, Amravati Uni. Amravati

## Number of Ph.D. students on going:-04, Completed:-05

Sr. No.	Name of the student	Topic of Research	Date of Registration
1	Mr. Ramdas Raut	Development of Pigeon pea using different class of BT gene	2009
2	Ms. Bharti Thosare	<i>In silico</i> analysis & integrated database developments of toxins	2009
3	Mr. Gaurav Dhande	Genomic alteration-- cry1 delta endotoxin gene	2009
4	Mr. Amol Hivrale	Molecular characterization and proteomics of lectin	2009
5	Mr. Vabhav Sable	<i>In silico</i> approach of antimeningococcal diseases	2012
6	Ms. Sonali Patil	<i>In silico</i> analysis of human and animal pathogenic fungi	2012
7	Mr. Girish Deokar	Glyconanoparticle synthesis for detection of pathogen	2013
8	Mr. Anuj Chaudhari	Biogenic synthesis of metal nanoparticles by macro fungi	2013
9	Miss Manisha Bacchav	Phycocyanin Production from <i>Spirulina platensis</i>	2012

## Number of Books Written:-0 1- Basic Immunology by New Central Book Agencies

### Book Chapters

1. **A. G. Ingale (2013)** Nanocomposites for surface coating. Surface engineering technique and applications: Research advancements, IGI Global Publication , Hershey, **USA**.
2. **A. G. Ingale (2013)** Prediction of Structural and Functional Aspects of Protein: *In-Silico* Approach. Global Trends in Knowledge Representation and Computational Intelligence, IGI Global Publication, Hershey, **USA**.
3. **A.G. Ingale**, and Chaudhari, A. N. (2018). Nanotechnology in the Food Industry. In *Nanotechnology, Food Security and Water Treatment* (pp. 87-128). Springer, Cham.
4. Sequence Submitted: **GENEBANK/EBI/EMBL: 4** Nucleotide Sequences and **2** Protein sequence

### Publications

1. **G.K. Deokar, A.G. Ingale(2018)**,, Unveiling an unexpected potential of beetroot waste in green synthesis of single crystalline gold nanoplates: A mechanistic study, *Arabian Journal of Chemistry* doi:<https://doi.org/10.1016/j.arabjc.2018.03.016> Vol.11, Issue 6, 950-958 **IF 2.97**
2. GK Deokar, and **Arun Ingale (2017)** Green synthesis and study of crystallinity of AuNps. *Acta Crystallographica Section A*, 73 (a2), C496. <https://doi.org/10.1107/S2053273317090775>. ISSN-2053-2733. **IF- 5.72**
3. MB Bachchhav, MV Kulkarni, **AG Ingale (2017)** Enhanced Phycocyanin Production from *Spirulina platensis* using Light Emitting Diode. *Journal of the Institution of Engineers (India): Series E* 98 (1), 41-45.
4. VB Sabale, **AG Ingale (2017)** Homology Modeling and Structural Validation Studies of 3 Oxoacyl (Acyl Carrier Protein) Synthase II and Dihydropteroate Synthase Protein of *Neisseria meningitidis*. *Journal of Applied Bioinformatics & Computational Biology* 6 (2), 8.
5. MB Bachchhav, MV Kulkarni, **AG Ingale (2017)**. An efficient extraction of phycocyanin by ultrasonication and separation using 'sugaring out' *PHYKOS* 47 (2), 19-24.
6. Anuj N. Chaudhari & **Arun G. Ingale (2016)** Syzygium aromaticum extract mediated, rapid and facile biogenic synthesis of shape controlled(3D) silver nanocubes *Bioprocess Biosyst Eng* DOI 10.1007/s00449-016-1567-z ( **IF:1.997**)

7. Ramdas V Raut, Gaurav A Dhande, Jaysing C Rajput, **Arun G Ingale (2015)** Rapid and highly competent shoot regeneration of Pigeon pea (*Cajanus cajan*) using variable explants by in vitro culture system. *Journal of Pharmacognosy and Phytochemistry*; 4(4): 01-05
8. Bharati K. Thosare and **Arun G. Ingale (2015)** Prediction Of Antigenic And Binding Sites Of Neurotoxin 23 Of Scorpion (*Lychasmucronactus Sp.*) *International Journal of Applied Biology and Pharmaceutical Technology* 6(3)252-56.
9. **Ingale AG (2014)** Epitopes Identification for Vaccine Design and Structural Aspects of Dengue Virus 3 Envelope Protein. *Biochem Physiol* 3:134. doi: **10.4172/2168-9652.1000134**.
10. **A. G. Ingale** and Susumu Goto (2014) Prediction of CTL epitope, in silico modeling and functional analysis of cytolethal distending toxin (CDT) protein of *Campylobacter jejuni*, *BMC Research Notes*, 7:92
11. **A.G. Ingale** and Susumu Goto (2013) Identification of antigenic epitopes, homology modeling and structural characterization of capsule biosynthesis protein (CapA) from *Campylobacter jejuni*, *Gene TherMol Biol* 15: 74.**IF-0.42**
12. **A. G. Ingale** and A. Chaudhari (2013) Biogenic synthesis of nanoparticles and potential applications: A eco-friendly approach. *J Nanomed Nanotechol* 4:165. doi:10.4172/2157-**IF :5.72**
13. **A. G. Ingale** and A.U. Hivrale (2013). A plant as plenteous reserve of lectin. *Plant signaling and behavior* **IF: 2.00**
14. Reshma Zaveria, S. A. Peshwe and **A. G. Ingale (2013)**. Biodegradation of P-nitro Phenol by an Actinomycete. *Indian journal of applied research*, Vol.3 (6), June 2013 **IF: 0.821**
15. Reshma Zaveria, S. A. Peshwe and **A. G. Ingale (2013)** Screening and optimization of growth condition of p –Nitrophenol degrading bacteria. *Bionanofrontier* 6:1,29-31. **IF:0.045**
16. **A. G. Ingale (2013)** Sharing information and web resources of immunological interest. *Journal of Clinical Immunology and Immunopathology Research Vol.5(1)9-15*.
17. G. A. Dhande and **A. G. Ingale (2012)** In vitro regeneration of *H.Aurogenesis (2012)* African *Journal of Biotechnology* 11:86,15226- DOI: 10.5897/AJB12.907
18. **A. G. Ingale (2012)**, The prediction of MHC-binder and conformational epitope of *Campylobacter jejuni*: A combine approach *Drug Design*, 1:2 <http://dx.doi.org/10.4172/2169-0138.S1.005>
19. **A.G. Ingale (2012)** Molecular modeling and conformational epitope prediction of nucleocapsid protein region from Japanese encephalitis virus J Antivir Antiretrovir /S1: 1948-5964-S1.002-3/Special Issue 2012 doi: 10.4172/1948-5964.S1.002, **IF:2.96**
20. **A. G. Ingale (2010)**. In silico Homology Modelling and Epitope Prediction of Nucleocapsid Protein region from Japanese Encephalitis virus. *Journal of Computer Sciences & System Biology*,

Vol.3 (2) 53-58. **IF:2.73**

21. **A. G. Ingale** (2010) Antigenic epitopes prediction and MHC binder of a paralytic insecticidal toxin (ITX-1) of *Tegenaria agrestis* (hobo spider) *Open Access Bioinformatics*:2, 97–103
22. **A. G. Ingale** and Chikhale N.J (2010) Prediction of 3D Structure of paralytic insecticidal toxin (ITX-1) of *Tegenaria agrestis* (hobo spider). *J Data Mining in Genome Proteomics* ,1:102 DOI 10.4172/2153-0602. **IF:1.36**
23. **Arun G. Ingale** (2010) The *ab initio* predictions of new genes in eukaryotic genomes: A novel approach for Bioinformatics. *Bioinformatics trends*, Vol.5 No.1&2, 2010
24. **Arun G. Ingale** (2010) Structure prediction and antigenic site determination of CD4 antigen. *Int. J. Medical Engineering and Informatics*, Vol.2 No.3, 2010
25. **A. G. Ingale and A. U. Hivrale** (2010) Pharmacological studies of passiflora sp. and their bioactive compounds. *African Journal of Plant Science* Vol. 4 (10), pp. 167-177,
26. **A. G. Ingale & N. J. Chikhale** (2009) *In silico* analysis and molecular modeling of CD4 antigen *International journal of Computational Intelligence and Health care informatics* Vol.2(2) 153-157.
27. **A. G. Ingale** (2009) Detection and partial characterization of Lectin from *Abrus precatorius* *International journal of Biosciences, Biotechnology Research Asia* Vol.6-1, 367-369
28. Khambre, G. A. Dhande, R. V. Raut, **A. G. Ingale** Breeding for shoofly resistance in Sorghum *Jour. of Biotechnol. and Bioinfo* **2009** 1(1):139-141
29. Tushar R. Gawande Abhijit Mitra, Arun R, **A. G. Ingale**, Anuj K. Nair (2009) Cloning of NRAMP-2 gene in buffalo (*Bubalus bubalis*) *Jour. of Biotechnol. and Bioinfo* 1(1):156-159
30. **Arun Ingale** and Anita Ramteke (2010) Studies on cultivation and biological efficiency of mushrooms grown on different agro-residues, *Innovative Romanian food biotechnology* 6: 25
31. **A. G. Ingale** (2006) In Vitro regeneration of aloe Vera (*Aloe barbedensis*) *BIOINFOLET Journal of Life Sciences* 3(2); 93-94
32. **Ingale A.G**, Gomase V.S., Chikhale N. J. (2005) Bioinformatics is the symbiotic relationship between computational sciences. *Bioinformatics India journal*, volume 3, issues 1, 79-84.
33. Gomase, V.S.; Chavan, V.M.; Hasabe, R.P.; **Ingale, A.G.** (2005) Heat inducible gene system using plant promoter. *Bioinformatics India journal*, volume 3, issues 1, 11-14
34. Hasabe, R.P.; Gomase, V.S.; Chavan, V.M.; **Ingale, A.G.** (2005) Gene analysis of papaya mosaic virus Capsid protein. *Bioinformatics India journal*, volume 3, issues 1, Jan-Mar, 27-30.
35. Gomase, V.S.; Chavan, V.M.; **Ingale, A.G** and Chikhale, N.J. (2005); *In silico* Molecular Modeling of Band 3 Anion Transport Protein. *Bioinformatics India journal*, volume 3, issues 1, 71-74.
36. **Ingale Arun** and A.S.Patil (2005) Biochemical characterization of alpha amylase acidophilic

fungi *A.niger* *Journal of basic and applied sciences* Vol.(1) issue 1,50-54

37. Chavan, V.M.; Gomase, V.S.; Hasabe, R.P.; **Ingale, A.G.**(2004) Sequence analysis of coat protein from tomato mosaic virus. *Bioinformatics India journal*, volume 2, issues 4,Oct-dec 2004, 43-46.
38. Khot, S.S.; Gomase, V.S.; Chavan, V.M.; Hasabe, R.P.; **Ingale, A.G.**(2004) Chikhale, N.J.; Structural analysis and comparative modeling of Auxin Binding Protein from *Gossypium hirsutum*(Cotton), *Bioinformatics India journal*, Volume 2, Issues 3, Jul. -Sep., 53-58.
39. **Ingale A.G.**,Devarshi A.D., Adure M., Kulkarni S., (2004) “Bacteriocin production from Ginger (*Zingiberofficinale*) and Radish (*Raphanus sativa*) associated *microflora*” *BIOINFOLET Journal of Life Sciences*, 1: 32-33.
40. **Ingale A.G.** and Chikhale N.J., (2004) “Bioinformatics: The Destiny of Information. *Bioinformatics India journal*. Vol-3 Issue 3,91-94.
41. **Ingale A.G.**, RamtekeA.P., Chikhale N.J. (2000) Multiple sequence alignment and structure prediction of CD40, Cd40L and TNF family. **Proceeding of NCRTB-2000, 71-76.**
42. **Ingale A.G.**, Ramteke A.P., Chikhale N.J. (2003) “Studies on Nitrogen fixing bacteria from Maize rhizosphere soil of Amravati. *AURB journal* Vol (2), 39-41.

### **Research project Completed/Ongoing**

1. Name of Investigator:-**Prof. Arun G. Ingale**

Title of Project (**DST FIST**)” Duration: **05 Years, 2017-2022**

Funding Agency:- **DST, New Delhi**. Amount Sanctioned: **Rs. 135 Lakhs**

2. Name of Investigator:-**Dr. Arun G. Ingale**

Title of Project “**Lectin biosensor for detection of pathogen**” Duration: **03 Years, 2011-2014**

Funding Agency:-**UGC, New Delhi**. Amount Sanctioned: **Rs.10.74 Lakhs**

### **Scientific collaborators:**

- Dr. Susumo Goto, Bioinformatics center, Kyoto University, Kyoto, **Japan**.

### **Memberships Societies**

1. **ISDN**: International Society for Development of Neuroscience, Canada.
2. **ISID** : International Society for Infectious Diseases, USA
3. **ICBS** : International Chemical Biology Society, USA
4. **INHS** : International Natural Hygiene Society
5. **IAENG** : International association for the engineers & computer scientists(Hong Kong)
6. **ISEIS** : International Society for Environmental Information Sciences, Canada
7. **ISEI** : International Society for exercise immunology, Denmark
8. **F.S.Sc** : Society of Sciences, Jharkhand
9. **SBIBI** : Life member, Society for Biotechnology & Bioinformatics.
10. **MSI** : Life member, Microbiologist Society of India

## 11. **AMBAA** : Amravati University Biotech Alumni Association

### **Working experience with international bodies/international exposures:**

1. **Visiting Scientist** (03 Months) Bioinformatics Centre, Institute of Chemical Research, Kyoto University, **Japan**.
2. Worked as **reviewer Member**: National Fellowships Committee for Sigma Delta Epsilon, Graduate Women in Science SDE/GWIS Fellowships, **USA**

### **Serving on Editorial Boards**

**Editor in-chief**: - Journal of Biotechnology and Bioinformatics ISSN No (0974-9438),  
International journal of modern biotechnology ISSN No (0975-4628)

**Editor**: -Journal of Current Sciences (JCSc),

**Editorial member**: -Jour. of Microbial World

**Reviewer** (International Peer reviewed Journals)

- Bioinformatics and Biology Insight(Libertas Academia press)
- Evolutionary Bioinformatics (LA Press)
- Applied Biochemistry and Biotechnology (Springer)
- Natural Product Research (Tralor and Fancis Pub.)
- Open Access Bioinformatics (Dove Medical Press New Zealand)
- African Journal of Agriculture Sciences (Academic Pub.)
- African Journal of Food Sciences (Academic Pub.)
- Journal of Proteomics and Bioinformatics (OMICS Pub. Group)
- Innovative Romanian Food Biotechnology (Dunarea De JosUni. Press )
- Advance and Application in Bioinformatics and Chemistry (Dove Medical Press )

### **Chairman**

1. Examination Board in Biotechnology, KBC North Maharashtra University, Jalgaon
2. Ad-hoc Board in Biotechnology, Dr. Babasaheb Ambedkar Marathwada University Aurangabad For 2007-2009.
3. Ph.D /M.Phil Viva-Voce Committee KBC North Maharashtra University, Jalgaon.
4. Institutional Ethical Committee & Institutional Biosafety Committee (IEC, IBC) for Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad.
5. Member of Ad-hoc Board in Computer Science and I.T. Dr. Babasaheb Ambedkar Marathwada University Aurangabad.
6. Member Ad-hoc Board in Biotechnology, Swami Ramanand Tirth Marathwada University Nanded.
7. Member BOS in Life Science, KBC North Maharashtra University, Jalgaon 2010-till date

### **Convener**

- 1.UGC SAP-DRS seminar on “Recent trends in Life Sciences” organized by School of life sciences, KBC North Maharashtra University, Jalgaon.March. 2016.
- 2.UGC SAP-DRS seminar on “Recent trends in Life Sciences” organized by School of life sciences,

KBC North Maharashtra University, Jalgaon.12-13, Jan. 2012.

3. National Symposium on "Genomics, Proteomics, and Bioinformatics" organized by Department of Biotechnology, Dr. Babasaheb Ambedkar Marathwada University Sub centres Osmanabad 9-10, Feb., 2007.
4. One day Workshop on Bioinformatics" organized by Jalaja Technologies Bangalore and Department of Biotechnology, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad 18 Nov., 2005.

### **Member**

1. Board of University Teaching and Research(BUTR) KBC North Maharashtra University, Jalgaon 2010-till date
2. Research Recognition committee (RRC) as Head Biotechnology at KBC NMU, Jalgaon (2010-Till Date)
3. Research Recognition committee (RRC) as Head Biotechnology at Dr. Babasaheb Ambedkar Marathwada University Aurangabad. 21,Dec.2006
4. Affiliation Committee for postgraduate in Dr.BAMU. University, Aurangabad, and visited Sw. Savarkar Mahavidyala Beed, 20,Dec.2006
5. Affiliation Committee for postgraduate in Dr.B.A.M. University, Aurangabad, and visited Barwale College Jalna.
6. Affiliation Committee for B.Sc Biotechnology in Dr.B.A.M.U. University, Aurangabad and visited the Vinayakrao Patil College Vaijapur
7. Affiliation Committee for B.Sc Biotechnology in Dr.B.A.M.U. University, Aurangabad and visited the Milind College, Aurangabad
8. Selection Committee for lecturers in Biotechnology for K.S.K.college Beed
9. Selection Committee for lecturers in Biotechnology for Jay hind college Dhule, Godavari khadse college science ,Muktainagar, MJ, College Jalgaon
10. Selection Committee for lecturers in Biotechnology for Milind College. Aurangabad
11. Selection Committee for project assistant of UGC project at SLS, NMU, Jalgaon
12. Syllabus Committee to Design syllabus/curricula for M.Sc. Biotechnology (Two year degree)/ B.Sc. Bioinformatics (Vocational) for SGB Amravati University Amravati.
13. Syllabus Committee to Design syllabus/curricula for M.Sc. Biotechnology (Two year degree)/ ) North Maharashtra University, Jalgaon 2009-till date
14. Syllabus Committee to Design syllabus/curricula for M.Sc. (Two year degree)/ B.Sc. Bioinformatics (Vocational) for Dr. Babasaheb Ambedkar Marathwada University Aurangabad.
15. Syllabus Committee to Design syllabus/curricula for M.Sc. Biotechnology/ P.G. Diploma in Applied Biotechnology (Vocational) for Dr. Babasaheb Ambedkar Marathwada University Aurangabad.

16. Syllabus Committee Design syllabus/curricula for B.Sc. Bioinformatics (Three Year degree Course) for Dr. Babasaheb Ambedkar Marathwada University Aurangabad.
17. Syllabus Committee Design syllabus/curricula for Certified course in Bioinformatics (one Year ) for Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
18. Instruments Purchase Committee: Dr. Babasaheb Ambedkar Marathwada University, Aurangabad.
19. 32/5 Committee to Constitute panel of examiners for M.Sc. / B.Sc. Biotechnology and Bioinformatics for Dr. Babasaheb Ambedkar Marathwada University, Aurangabad
20. Board of Examiners in Biotechnology/Botany, SGB Amravati University, Amravati.
21. Board of Examiners in Biotechnology/Bioinformatics, SRT Marathwada University, Nanded and North Maharashtra University, Jalgaon

### **Government Bodies**

1. Worked as Paper setter in Biotechnology **M.P.S.C.** Mumbai ,2015-2018
2. Worked as member of Committee for recommending issue of certificate to start industry as Biotechnology Unit, Under Maharashtra Biotechnology Policy-2001 as per Govt. (IE&LD) Resolution No BTH –2001/5058/Ind-2 dated 29 Jan.2002.
3. Member –DBT- IBSC Committee, Government of India, S & T Ministry, New Delhi (2012-2015)

### **Member of organizing Committee**

1. National Conference on Biofertilizer and Biopesticides’’ organized by Department of Biotechnology and Microbiology, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad.16-19 Feb. 2006.
2. National conference on recent trends in Biotechnology (NCRTB-2000) organized by Department of Biotechnology, Amravati University, Amravati. 2-5, Feb 2000.
3. National Symposium on Biotech Beyond 2000’’ organized by AMBAA and Research Scholar, Department of Biotechnology, Amravati University Amravati. 6-7 , Sept. 2002.
4. Various committees made for celebrating the National Science Day Government Institute of Science Aurangabad Dec.2003 and Dec.2004
5. Two day State Level Seminar on Contemporary Indian Literature In English organized by Department of ENGLISH, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad.13-14 Feb. 2006.
6. National seminar on Recent Advances on Nanoscience organized by Department of Chemistry, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad.23-24 Feb. 2008.
7. National seminar on IPR and patenting organized by Department of Microbiology, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad.10 October 2008.
8. National seminar on “GM crop status issues and concern’’ organized by School of life sciences, North Maharashtra University, Jalgaon.21-22 Jan. 2009.
9. UGC SAP seminar on “Biotechnology for all’’ organized by School of life sciences, North Maharashtra University, Jalgaon.29 Dec. 2010.



10. Member of Avishkar 08-09,9-10,10-11

### **Workshop**

1. Two days Workshop on hands on bioinstrumentation “organized by School of life sciences, North Maharashtra University, Jalgaon. Oct-Nov. 2010.
2. Two days Workshop on hands on bioinstrumentation “organized by School of life sciences, North Maharashtra University, Jalgaon.29- 30-july. 2009.
3. One day Workshop on Environment protection " organized by Department of Biotechnology and Microbiology, Government Institute of Science Aurangabad Dec.2004
4. One day Workshop on Molecular Biology Techniques " organized by Bangalore Genei and Department of Biotechnology and Microbiology, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad 18 Nov., 2005.
5. National Workshop on Techniques in Modern Biology" organized by Department of Biotechnology, Amravati University Amravati. 26-30, Dec. 2001.
6. One day Seminar on Advances Biotechnology " organized by Department of Biotechnology and Microbiology, Dr. Babasaheb Ambedkar Marathwada University Sub centre Osmanabad 25 Feb., 2007
7. Three days workshop on Feel Teacher, Jointly organized by Mangalore University and NMU Jalgaon
8. One day Workshop on SSPS organized by Department of Management Science, NMU, Jalgaon

### **Organizer**

1. Essay and Elocution Competition on the eve of Name extension day of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad at Sub centre Osmanabad on 13th Jan. 2006.
2. Advisory committee Micro-Biotech Association, Dr. Babasaheb Ambedkar Marathwada University, Sub centre Osmanabad.2005.
3. Advisory committee, Association Biotechnologist, Department of Biotechnology, Dr. Babasaheb Ambedkar Marathwada University, Sub centre, Osmanabad.2006

### **Invigilator**

1. SET examination organized by Pune University and Conducted by Amravati University June 2001

### **Presiding officer**

1. In Senate election 2006 for Dr. Babasaheb Ambedkar Marathwada University Aurangabad
2. Loksabha election- 2014,Jalgaon

### **Paper Setter /Examiner**

1. For B.Sc. and M.Sc. Biotechnology in Amravati University, M.Sc. Bioinformatics and M.Sc. Biotechnology in Dr.BAM University, Aurangabad, SRT Marathwada University, Nanded and NMU Jalgaon

### **Resource person at**

1. Delivered invited talk at International conference on food processing technology(iCRAFPT-18) at IIFPT,Tanjavur(TN) on dated **18<sup>th</sup> August 2018**
2. Delivered a lecture at Bioinformatics centre, Kyoto university, Kyoto, Japan ( 3, June 2013)
3. Presentation about Indian culture and study given at Matsumae International Foundation, Tokyo Japan (11 June 2013)

4. Delivered Guest lecture on “Genomics ,Proteomics and Bioinformatics ” in Refresher Course at Department of botany, University, Pune,15/10/2012
5. Deliver a Speech at Hyderabad in “International conference on Proteomics and bioinformatics ”organized by Comics group , USA , 7-9-, June 2011
6. Invited Talk “Bioinformatics an overview” UGC star College level Seminar organized by Dept. of Microbiology and Biotechnology, MJ College, Jalgaon, 08 Dec.2011.
7. Delivered Guest lecture on “Environmental Genomics” in Refresher Course at School of Environment NMU, Jalgaon, 2009.
8. Delivered a plenary lecture in national conference on Trends in Plant Sciences Today and Tomorrow Feb.2010,Dept. of Botany, Shri Shivaji College, Akot
9. Deliver a plenary lecture on Bioinformatics in national Conference on advances in computer technology organized by COCSIT, Latur 29/1/08
10. Deliver a lecture on process of Grapes wine technology in Entrepreneurship development program organized by DIC, Osmanabad 14/02/08
11. Deliver lecture NSS camp on Biotechnology is boon for 21st century at Upla, Osmanabad 15/2/08
12. Deliver lecture on career after 10th and 12th in Biotechnology, organized by DET, at Buldhana.
13. Invited for a plenary lecture in National Level UGC seminar on Modern concept in Animal Biodiversity and Biotechnology, Organized by Dept. of Zoology, Milind College Aurangabad, 22 Aug.2008
14. Delivered a plenary lecture in national conference on “Recent trends in plant pathology and microbial biotechnology” 26-27 sept.2008, Dept. of Botany Vinayakrao Patil College, Vaijapur.
15. Delivered guest lecture on “Biotechnology Day” at Department of Biotechnology, COCSIT, Latur, 14 Nov. 2008.
16. Invited Talk “Bioinformatics application for life sciences “University level Seminar organized by Dept. of Microbiology and Biotechnology DNCVPs Arts and Science College, Jalgaon, 21 Feb. 2009.
17. Invited Talk “*In silico* molecular modeling of clusters differentiation antigen” National conference on Challenges and opportunities in IT and bioinformatics, Dept. of Biotechnology, Vivekananda Mahavidyala, Udgir, 27 Feb.2009.

### **Recent Conferences**

1. Invited for speech at International conference on functional comparative genomics and pharmacogenomics , Chicago ,USA organized by Omics Group USA on dated 12-14,Nov. 2013
2. Attended International workshop on frontiers of statistical physics and information processing – perspective from nanoequilibrium behaviors at Kyoto University, Japan on dated 12-14 July-2013
3. Attended the Annual International computer and software application conference at Kyoto university,Kyoto,Japan on dated July 22-26,July,2013
4. Participation for poster presentation in 6th International conference on Genetic and molecular Diagnostic in modern medicine 8-10 February 2013, Department of Genetics VMRC organized by at Hyderabad.