

DEPARTMENT OF MICROBIOLOGY

Academics:

1) List of publications in Vancouver Style Year Wise (Calendar Year)(Period 2014 to 2019)

Research Publications - 2019

INTERNATIONAL

1. Dr.Izna, Gandham , Dr.Nageswari R Gandham, Dr.MisraRabindraNath,Dr.Nikuja Kumar Das,Dr.Shahzad Beg Mirza“A Study of Risk factor ,Occurrence and aetiology of catheterAssociated Urinary Tract Infections(CAUTI) and Antibiotic Sensitivity Pattern from confirmed cases of CAUTI IN A Teritary care Hospital.”Saudijournal ofMedicine.May2019;4(5):376-384
2. Dr.Izna, Dr.Nageswari R Gandham, Dr.MisraRabindraNath, Dr.Shahzad Beg Mirza, Dr.Nikuja Kumar Das “Isolation of Staphylococcus aureus in Purulent Infective Conditions with Special Reference to MRSA” Saudi journal of Medical and Pharmaceutical Sciences May 2019;5(5):419-424
3. NabamitaChaudhury¹,Retina Paul²,R.N.Misra,SankhaSubhraChaudhari,Shahzad Mirza and SukantaSen”Evaluating the Trends of Bloodstream Infection by Nonfermenting Gram Negative Bacilli among the Patient in a Tertiary Care Hospital of Western Part of India and its Antibigram”International Journal of Current Microbiology and Applied Sciences. January 2019;8(1):xx-xx
4. Bhirange S.,Dr.Misra R.N.,Dr.SwarupaHatolkar S.,Dr.Neetu Gupta and Dr.Jadhav S.*”Comparative study between Benzalkonium Chloride Tri-sodium Phosphate and Nalc-NAOH Decontamination Methods for recovery of Mycobacterium Tuberculosis from Pulmanarysample” International Journal of Microbiology Research2019;11(3)1518-1520
5. KalpanaAngadi, Rabindranath Misra, Nikunja Kumar Das*,ShreaKapoor and ShahzadMirza “Study of the Etiological Agents of Dermatophytosis in Patients Attending Dermatology Clinics of a Suburban Tertiary Care-centre in Western Maharashtra, India .International Journal of Current Microbiology and Applied Sciences 8(6): 493-501

Research Publications – 2018

INTERNATIONAL

1. Gupta Neetu, JadhavSavita, Gandham N.R, Misra R.N. and VarmaAishwarya, “Phenotypic Detection of AmpC β -Lactamase production in gram negative clinical isolates”. International Journal of Microbiology Research 2018:10(1);997-1000.
2. HatolkarSwarupa M., MisraRabindraNath, Gandham Nageswari R., AngadiKalpana, JadhavSavita V. and Gupta Neetu. “Frequency of Mutation in Isoniazid Resistant Isolates of Mycobacterium Tuberculosis Complex from Western. Maharashtra India”.International Journal of Microbiology Research 2018:10(3);1043-1045.
3. Mukherjee Sopia,MisraRabindraNath,JadhavSavita, Das Nikunja Kumar and MirzaShahzad Beg “Culture Profile and Antibigram of Infective Organisms from endotracheal secretions in Mechanically ventilated patients of A tertiary care centre” International Journal of Microbiology Research 2018:10(3); 1066-1069.
4. Virendra S. Athavale,Aditya P. Lab,Bhoomi G. Raval,Prachi C. Bhide, Iresh A. Shetty. “Importance of handwashing prior to wound dressing in prevention of nosocomial infection in surgical wards”. International Surgery Journal , April 2018:5(4);1422-1427.
5. KalpanaAngadi, SavitaJadhav, Misra R.N. Shahzad Beg Mirza and Deepali Desai, “Incidence and Antimicrobial Susceptibility of Enterococcal infections in tertiary care hospital”. International Journal of Microbiology Research 2018:10(4); 1135-1138.
6. Dr. Rajashri Patil, Dr. JayshreeBhakre, Dr. Amar Patil. “Study of prevalence of Samonellatyphi in tertiary care centre”. International Journal of Healthcare and Biomedical Research, January 2018:6(2); 159-164.
7. Swarupa M. Hatolkar, Rabindra N. Misra, Rajesh Mahato, SavitaJadhav. “Whole-Genome Sequencing and Annotation of a Drug-Resistant Extrapulmonary clinical Isolate of Beijing Genotype Mycobacterium tuberculosis from Pune, India”. American society for microbiology 2018:6(25);1-2.
8. Gupta Neetu, Gandham Nageswari, JadhavSavita, MisraRbindraNath, AngadiKalpana and VyawahareChanda. “Epidemiology of Acinetobacter species in a tertiary care hospital with special reference to seasonal variation”. International Journal of Microbiology Research 2018:10(6); 1283-1286.
9. NabamitaChaudhury, Retina Paul,R.N.Misra,ShahzadMirza,SankhaSubhraChaudhuri, Sukanta Sen. “Emerging importance of acinetobacter and its antibiogram in the recent care”.Asian Pacific Journal of Health Sciences 2018:5(2);1-8.
10. Dr. NabamitaChaudhury, Dr Retina Paul, Dr. RNMisra, Dr. PaulamiGhosh, Dr. SankhaSubhraChaudhuri, Dr. SukantaSen.”The emergence and Importance of MaraxellaCatarrhalis as Human Respiratory Tract Pathogen and its Antibigram”. Journal of Medical Science and Clinical Research 2018:6(4);457-463.

11. Nageswari Rajesh Gandham, Savita Vivekanad Jadhav, Rabindra Nath Misra, Chanda Virendra Vyawahare, Neetu Satish Gupta. "Clinical Significance of Non-candidal Yeast like Genera with Special Reference to Trichosporon and Malassezia". Journal of Clinical and Diagnostic Research 2018;12(8):28-31.
12. Deepali Desai, Savita Jadhav, Chanda Vyawahare, Shahzad Beg Mirza and R.N. Misra. "Detection and Efficacy of Daptomycin versus vancomycin of blood stream infections by methicillin – resistance Staphylococcus aureus with high vancomycin minimum inhibitory concentration". International Journal of Microbiology Research 2018;10(7);1295-1298.
13. Mirza S.B., Misra R.N, Gandham N.R, Angadi K.M, Das N.K, and Jadhav Savita. "β-Lactamase Producing Enterobacteriaceae: A Growing concern in community acquired infections". International Journal of Microbiology Research 2018;10(11);1418-1421.
14. Dr. Nabamita Chaudhury, Dr. Shahzad Mirza, Dr. R. N. Misra, Dr. Retina Paul, Dr. Sankha Subhra Chaudhuri, Dr. Sukanta Sen. "Isolation and Identification of Various Pseudomonas Species from Distinct Clinical Specimens and the Study of Their AntibioGram". Scholars Journal of Applied Medical Sciences (SJAMS) 2018;6(12);4964-4976.

Research Publications – 2017

INTERNATIONAL

1. Ghosh P, Misra RN, Paul R. Neonatal sepsis-culture positive sepsis vs clinical sepsis. International Journal of Medical and Dental Sciences. January 2017;6(1):1362-1366.
2. V.L. Dudhat, C.N. Chaudhari, Mahadevan Kumar, N. Grover and N.K. Das. AmpC and Extended Spectrum Beta Lactamase Producing Isolates of E.coli, Klebsiella spp. And P. mirabilis in a Tertiary Care Center and their Sensitivity to Other Antibiotics. International Journal of Current Microbiology and Applied Sciences. 2017;6(3):868-877.
3. Yashwant G Chavan, Sharad R Pawar, Minal Wani, Amol D Raut, and Rabindra N Misra. A Multiplex Snapshot Assay for Rapid and Simultaneous Detection of Major HBV Drug Resistance Mutations Along with Precore (Pre-C) and Basal Core Promoter (BCP) Mutations. RJPBCS. 2017;8(2):2410-2418.
4. Jadhav Savita V, Misra RN, Shahzad Beg Mirza, Siddharth M. Dissemination of CTX-M-15 β- Lactamases Harboring E.coli and Klebsiella Pneumonia Strains from Tertiary care hospital India. Journal of Pharm Biomed Sci 2017;7(3):66-71.
5. N. Grover, N.K. Das, M. Kumar, R. Sriram, V.L. Dudhat, Prasanna and P. Pandit. An Evaluation of Antibiotic Profile, Molecular Characterization and Risk Factors Associated with Carbapenem Resistant Non Fermentative Gram Negative Isolates in a tertiary care centre. International journal of current Microbiology and applied sciences 2017;6(5):1057-1066.

6. AmitRanjan,aSabihaShaik,aNishantNandanwar,aArifHussain,aSumeet K. Tiwari,aTorstenSemmler,b,dSavitaJadhav,cLothar H. Wieler,b,dMunirulAlam,e Rita R. Colwell,f,g,hNiyazAhmeda,e.Comparative Genomics of Escherichia coli Isolated from Skin and Soft Tissue andOther Extraintestinal Infections. Journal of American Society for Microbiology.2017;8(4);1-9.
7. VyawahareChanda R.,JadhavSavita V., MisraRabindraNath, Gandham Nageswari R. and HatolkarSwarupa. “Incidence of M. mucogenicum infection in tertiary care hospital India : recent increase in number of NTM cases”. International journal of Microbiology Research.2017;9(10);951-954.
8. Dr. Rajashri Patil, Dr. Amar Patil, “Study of antibiotic sensitivity pattern of salmonella typhi in tertiary care centre ”. International Journal of Healthcare and Biomedical Research, October 2017;6(1); 75-8

NATIONAL

1. Rabindranath Misra, Kalpana Mohan Angadi, NabamitaChudary, Tushar A. Dighe.A cluster of cases of Nocardiosis. National Journal of Dr. D.Y. Patil University, January 2017;10(1):89-91.
2. Dr Amar Patil, Dr Rajashri Patil .Study of comparison of ADA activity alone vs ADA activity in combined with L/N ration for diagnosing TB pleuritis. Indian Journal of Basic and Applied Medical Research.2017;6(2); 173-177.
3. Dr Amar Patil, Dr Rajashri Patil. Study of etiological factors of TB pleuritis in Indian population. Indian Journal of Basic and Applied Medical Research.2017;6(2);178-181.

Research Publications – 2016

INTERNATIONAL

1. Ujagare MT, Misra RN, Gandham NR, Jadhav SV, Deshmukh AD, Angadi KM, Vyawahare CR, Gupta NG. Growing Concern of Methicillin Resistance *Staphylococcus aureus* from A Tertiary Care Hospital, India. International Journal of Microbiology Research 2016;8(7):69-72.
2. N.K. Das, N.Grover, R. Sriram, Mahadevan Kumar, V.L. Dudhat and S. Prasanna. “Prevalence of Carbapenem Resistance and Comparison between different phenotypic methods for detection of metallo-B-lactamases in gram negative non-fermentative bacteria in the acute wards of a tertiary care centre”. International Journal of Current Microbiology and Applied Sciences 2016;5(5):109-119.
3. S. Prasanna, Partha Roy, Naveen Grover, Puneet Bhatt, DudhatVaibhavLaxmikantRao and Nikunja Kumar Das.“A Comparative Analysis on Identification and Antifungal Susceptibility profile of Candida Isolates Using Conventional and Automated Techniques”. International Journal of Current Microbiology and Applied Sciences 2016;5(3):579-589.

4. J.D. Andhale, R.M. Misra, N.R. Gandham, K.M. Angadi, S.V. Jadhav, C.R. Vyawahare, M.Pawar, S.Hatolkar. Incidence of *Pseudomonas aeruginosa* with Special Reference to Drug Resistance and Biofilm Formation from Clinical Samples in Tertiary Care Hospital. *Journal Pharm Biomed Sci* 2016;6(6):387-391.
5. Vaishali K. Bharambe, Hetal Rathod and Kalpana Angadi. "Knowledge and attitude regarding Organ donation among Medical students". *BANTAO journal* 2016;14(1):34-40.

NATIONAL

1. Prsanna K. Satpathy, Mukund Sudhakar Wasekar, Pradnya M. Diggikar, R.N. Misra, Amar Patil, Priyanka Zagde. "Clinical, serological, microbiological, and outcome study of 200 cases of short duration fever without prior exposure to antibiotic". *Journal of Dr. D.Y. Patil University*: 2016;9(1):23-29.
2. Gandham NR, C.R. Vyawahare, S.V. Jadhav, R.N. Misra. Candidemia: speciation and antifungal susceptibility testing from a tertiary care hospital in Maharashtra, India. *Med. J Dr. D.Y. Patil University* 2016;9(5):596-9.
3. Savita Jadhav, Rabindra Nath Misra, Nageswari Gandham, Kalpana Angadi, Chanda Vyawahare, Neetu Gupta, Deepali Desai. Pandemic of *Escherichia coli* clone O25:H4-ST131 producing CTX-M-15 extended spectrum- β -lactamase as serious cause of multidrug resistance extraintestinal pathogenic *E. coli* infections in India. *Critical Care* 2016;20suppl1:p9
4. Sangeeta Dabhade, Padmakar Pandir, Smita Tiwari, Dakshayani Pandit, Arvind Chopra. Reasons for patient's withdrawal from clinical trials of rheumatoid arthritis in India. *Journal of Orthopaedics and Allied Sciences*. 2015;3(1):08-11.

Research Publications – 2015

INTERNATIONAL

1. Neetu Gupta, Nageswari Gandham, Savita Jadhav, Ravindra Nath Misra. "Isolation and identification of *Acinetobacter* species with special reference to antibiotic resistance". *Journal of Natural Science, Biology and Medicine*. 2015;6(1):159-162.
2. Desai D*, Misra R.N., Yedidi K., Gandham N.R., Angadi K.M., and Jadhav S.V. "Comparative analysis of inducible Clindamycin resistance among community and hospital associated *Staphylococcus aureus* infection in tertiary care hospital Maharashtra, India." *International Journal of Microbiology Research* Volume-7, Issue-2, June 2015, P-623-626.
3. Vyawahare C., Jadhav S.V, Misra R.N, Gandham N, Angadi K. and Gupta N. "Occurrence and Microbial profile of blood stream infection in tertiary care hospital India." *International Journal of Microbiology Research*, 2015 ;7(2):631-635.

4. Megha Pawar, Rabindra N. Misra, Nageswari R. Gandham, Kalpana Angadi, Savita Jadhav, Chanda Vyawahare, Swarupa Hatolkar, "Prevalence and Antifungal Susceptibility Profile of Candida Species Isolated from Tertiary Care Hospital, India". Journal of Pharm Biomed Sci, 2015; 5(10): 812-816.
5. Jadhav S.V*, Misra R.N., Gandham N., Angadi K.M., Vyawahare C and Gupta N. "Comparative analysis of conventional procedure and rapid molecular line probe assay (LPA) for diagnosis of multidrug resistance *Mycobacterium tuberculosis* clinical isolates from western part of India." International Journal of Microbiology Research Volume-7, Issue-3, 2015, P-636-640.
6. Amit Ranjan, Sabiha Shaik, Arif Hussain, Nishant Nandanwar, Torsten Semmler, Savita Jadhav, Lothar H. Wieler. "Genomic and Functional portrait of a highly virulent, CTX-M-15- Producing H30-Rx subclone of *Escherichia coli* sequence Type 131". International Journal of Antimicrobial Agents and Chemotherapy, Volume-59, Issue-10, 2015, P-6087-6095.

NATIONAL

1. Shruti S. Ghadgepatil, Yugal K. Sharma, Rabindranath Misra, Kedar N. Dash, Milind A. Patvekar, Kirti S. Deo. "An unusual case of tineacapitis caused by *Trichophyton schoenleinii* in an elderly female". Indian Dermatology Online Journal- 2015; 6(1); 49-50.
2. N.R. Gandham, C.R. Vyawahare, N. Caudhary, R.A. Shinde. "Onychoproteosis : An uncommon presentation of proteosis", Indian Journal of Medical Microbiology (IJMM) Vol-33, Number 3 July 2015 Pg- 435-37.
3. Pandit DP, Pagaro PM, Chaudhury NN, Sharma MM, "Magnitude of asymptomatic hepatitis B virus surface antigen carrier state in voluntary blood donors: Predonation screening and gender considerations". Medical Journal Dr. D.Y. Patil University 2015; 8: 463-7.
4. Chanda R. Vyawahare, Nageswari R. Gandham, Rabindra Nath Misra, Savita V. Jadhav, Neetu S. Gupta, Kalpana M. Angadi. "Occurrence of catheter- associated urinary tract infection in critical care units". Medical Journal of Dr. D.Y. Patil University, 2015; 8(5); 585-589.
5. Bhatt P, Patel A, Sahni AK, Praharaj AK, Grover N, Chaudhari CN, Das NK, Kulkarni M, "Emergence of multidrug resistant enterococci at a tertiary care centre".. MJAFI; 71;(2) 2015; 139-144.
6. Bhatt P, Tandel K, Das NK, Rathi KR. New Delhi metallo- β -lactamase producing extensively drug-resistant *Raoultella ornithinolytica* isolated from drain fluid following Whipple's pancreaticoduodenectomy. MJAFI; 71 S (2); 2015: 609-611.

Research Publications – 2014

INTERNATIONAL

1. DakshayaniPadmakarPandit, PradhanPagaro M, ChuadhuryNabamita. Prevalence of Antibodies to Hepatitis C Virus in Voluntary Blood Donors: Are Women Better Donors?'. Journal of Clinical and Diagnostic Research.2014;8(4);20-23.
2. Nageswari Rajesh Gandham, MoumitaSardar, SavitaVivekJadhav, Chandavyawahare, Rabindranath Misra. "Tuberculous Otitis with Proteus mirabilis Co-infection: An Unsuspected Presentation Encountered in Clinical Practice". Journal of Clinical and Diagnostic Research.2014;8(5);1-3.
3. A. Acharya, S. Vaniawala,P. Shah, H. Parekh,R. N. Misra, M. Wani and P. N. Mukhopadhyaya. "A robust HIV-1 viral load detection assay optimized for Indian sub type C specific strains and resource limiting setting".Acharya et al.Biological Research.2014;47(22):1-8.
4. Chanda R. Vyawahare, R. N. Misra, N. R. Gandham, K. M. Angadi,R. Paul. "Penicillium Keratitis in an Immunocompetent Patient from Pune, Maharashtra, India". JCDR 2014;8(7):1-2.
5. Vivek. V. Manade, ArjunKakrani, Siddharth N. Gadage, RabindraMisra. "Brucella endocarditis in a non-endemic area presenting as pyrexia of unknown origin". BMJ Case Rep 2014doi: 10.1136/bcr-2014-203555.pp1-5.
6. ArifHussain, AmitRanjan, NishantNandanwar, AnshuBabbar, SavitaJadhav and NiyazAhmed"Genotypic and Phenotypic Profiles of Escherichia coli Isolates Belonging to Clinical Sequence Type 131 (ST 131), Clinical Non- ST131, and Fecal Non- ST131 Lineages from India".Antimicrob. Agents Chemother. 2014; 58(12):7240.
7. A. Acharya, S. Vaniawala, P. Shah, , R. N. Misra, M. Wani, "Development, Validation and Clinical Evaluation of a Low Cost In-House HIV-1 Drug Resistance Genotyping Assay for Indian Patients".PLOS ONE,2014;9(8); e102790.

NATIONAL

1. Neetu Gupta, Gandham NR, MisraRN,JadhavSV,Ujgare MT, Vyawahare. The Potential role of Stethoscopes as a source of nosocomial infection. Medical Journal of Dr. D. Y. Patil University.2014;7(2);156-159.
2. Prasanna K Satpathy, Pradnya M Diggikar, RabindraNathMisra, MukundSudhakarWasekar. Case of severe Friedlander's pneumonia with review of the literature. Medical Journal of Dr. D. Y. Patil University.2014;7(2);232-235.
3. Kalpana M. Angadi, Rabindranath Misra, Urvashi Gupta, SavitaJadhav, MoumitaSardar. "Study of the role of mobile phones in the transmission of Hospital acquired infections".Medical Journal of Dr. D. Y. Patil University.2014;7(4);435-438.
4. SunitaBamanikar, ArvindBamanikar, VinaySawhani, DakshayaniPandit. "Gastroscopic diagnosis of ankylostomaduodenale infestation as a cause of iron- deficiency anemia". Medical Journal of Dr. D.Y. Patil University.2014;7(5)631-633.

2. Research and extension (From 1st January 2014 to till 2019)yearwise (calendar year)

(a) Research summary

| Sr. No. | Name of the project and duration | Name of Teachers | Amount of seed money provided (INR in Lakhs) | Sanctioned Year |
|---------|---|---|--|-----------------|
| 1. | Bacterial and antimicrobial resistance pattern in Pune, India in febrile illness | PI- Dr. R.N. Misra | Project is ongoing. Progress is satisfactory 4.6 lakhs | 25/11/2014 |
| 2. | Efficacy of line probe assay for rapid detection of MDR tuberculosis at tertiary care hospital in India | Dr. Savita. Jadhav Co-PI- Dr. R.N. Misra Dr. C.R. Vyawahare | 98,000/- Sanctioned: MoU has been signed with CTO-RNTCP | March 2017 |
| 3. | Rapid detection of Tuberculosis & Multidrug Resistance using molecular methods | PI- Dr. R.N.Misra Co-PI-Dr.ChandaVyawahare Co-PI- Dr. Sahasrabuddhe | Sanctioned-28,82,900/- | 13/03/2014 |
| 4. | Assesment of enzyme immunoassasy and immunofluroscence tests for detection of chlamydia trachomatis | PI-Dr. Savita V. Jadhav C0-PI Dr. R.N. Misra, Dr. N.R. Gandham | Sanctioned-10,98,300/- | 30/03/2013 |
| 5. | Detection of intracellular bacteria in exfoliated urothelial cells in urine using confocal microscopy in women reproductive age group with UTI. | PI-Dr. K.M. Angadi C0-PI- N.S.Gupta | 2,50,000/- | 31/03/2015 |

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| 6. | To find the presence of biofilm in the central venous catheters using confocal microscope in a tertiary care hospital. | PI-Dr. N.S. Gupta CO-PI-. Dr. K.M. Angadi | 3,50,000/- | 31/03/2015 |
|----|--|--|------------|------------|

Multi departmental Projects Ongoing

| | | | | |
|----|---|--|------------|-----------|
| 7. | Clinico- Bacteriological Study of Upper Respiratory Tract Infection with special reference to Antibiotic Susceptibility | Dr.Gundappa D. Mahajan Dr.DakshayaniP.Pandit,Dr.SavitaJadhav,Dr.Paresh S Chavan | 1.00,000/- | 2017-2018 |
| 8. | Significance of Rapid detection of TB Lymphadenitis by molecular method: Cartidge based nucleic acid amplification test (CB-NAAT) | PI- ArpanaDharwadkar Co- YaminiIngale,Dr. Harsh Kuamar, Dr. C. Vyawahare | 65,000/- | 2018-2019 |

Inter-Institutional Thesis Research Projects -Dental

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|----|--|--|---|-----------|
| 9. | Comparison of efficacies of 5% povidone Iodine solution and 0.2% Chlorhexidine solution in controlling Bacteria in patient's under going surgical removal of mandibular Third molar. | Dr. Fiza Dr. KalyaniBhate Dr. Deepak Kulkarni Dr. R. N. Misra Mrs. A. Deshmukh | - | 2011-2014 |
|----|--|--|---|-----------|

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| 10. | Documentation of the spectrum of microbiological flora and their antibiotic Sensitivity in oral infection in local population in Pimpri-Chinchwad Maharashtra. | Dr. AsmitaPhirange Dr. PushkarWasknis Dr. Misra Mrs. A. Deshmukh | - | 2011-2014 |
| 11. | Assessment of efficacy of ozone therapy on Porphyromonasgingivalis count in Gingival Crevicular Fluid in patients with chronic periodontitis | DR. SujitLondhe ,Dr. Neeta Bagul Dr. R.N. MISRA Mrs. A. Deshmukh | - | 2012-2014 |
| 12. | Comparative evaluation of the substantivity of various concentrations of a plant based irrigant on <u>Candida albicans</u> – in vitro study ICMR | Ku. SanjanaSoleha BDS Final year Dr. A. Borkar Dr. R.N. Misra Mrs. A Deshmukh | | 2014 |
| 13. | Comparative evaluation of the antimicrobial activity of Morindacitrofolia with calcium hydroxide when used as an intracanal medicament ICMR | Ku. Dhruvi Parikh BDS Dr. A. S. Tandale Dr,R.N. Misra Mrs. A. Deshmukh | | 2014 |

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|-----|--|---|--|---------|
| 14. | Comparative evaluation of efficacy of locally delivered 1% chlorhexidine gel and 10% prppolis gel as an adjunct to scaling and root planning in chronic periodontitis patients A clinic-microbiological study. | Dr. AmbilwadeKomalSachin Dr. D. Gopalakrishnan Dr. Chanda R. Vyawahare, | | 2018-19 |
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Inter-Institutional Thesis Research Projects- Biotechnology

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|-----|---|--|--|------|
| 15. | Microbiological and Antibiotic Profile of Pus samples collected in a tertiary care center in Western Maharashtra | Ms. SakshiShukla | | 2019 |
| 16. | Microbial profile &antibiogram pattern of bacterial isolates of Urinary Tract infection in pregnant women in tertiary care centre | Ms. PratibhaKaushal Dr. RajashriPatil | | 2019 |
| 17. | Neonatal Sepsis : Bacteriological Profile and Antibiotic sensitivity pattern of isolates in a tertiary care setup | Ms. ManoramaChandwadkar Dr. ShahzadMirza | | 2019 |

Inter-Institutional Thesis Research Projects- Prof.Ramkrushna ACS College

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| 18. | Effect of extraction of different types of medicinal plants on Ringworm | Mr. Sunil Varma Dr. AbhayKhandagale Dr. RajashriPatil | | 2019 |
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(b)List of PhD Students

| Sr. No. | Name of the faculty | Title of the Research Topic | Name of the Research Student | Date of enrolment of the Research Student |
|---------|---------------------|---|------------------------------|---|
| 1. | Dr.R.N.Misra | Epidemiology of MDR Tuberculosis in a Tertiary Care Hospital-Pune with special Reference to Rapid Molecular Diagnostic Methods. | Mrs. SwarupaHatolkar | 15/11/2013 |
| 2. | Dr.R.N.Misra | Study of epidemiological markers of Pseudomonas aeruginosa isolated from various clinical samples received in tertiary care hospitals, India. | Mr. J. D. Andhale | 15/11/2013 |

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|----|---------------|---|----------------------|------------|
| 3. | Dr.R.N.Misra | Morphological and Genotypic characterization of <i>Candida albicans</i> isolated from clinical samples from a Tertiary care Hospital. | Mrs. Megha Pawar | 03/09/2013 |
| 4. | Dr.D.P.Pandit | Cross Sectional Study to determine Sero prevalence of Brucellosis and pattern of Haematological ,Biochemical and Immunological parameters in patients with Febrile Illness. | Mrs. Shraddha Gunjal | 14/02/2015 |

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| 5. | Dr.D.P.Pandit | Molecular characterization of extended spectrum of β lactamases producing hospital and community acquired <i>Klebsiella pneumoniae</i> infections. | Dr.Deepali Desai | 01/12/2016 |
| 6. | Dr.N.R.Gandham | Epidemiological Profile and Genotypic Characterization Of Multidrug Resistant (MDR) And Extensively Drug Resistant (XDR) Tuberculosis from Intermediate Reference Laboratory,Pune | Dr.Shilpa Bhimashankar Balgam | 20/5/2018 |

(c) **List of ICMR – STS Research projects sanctioned (From 1st January 2014 to till 2019) yearwise (calendar year)**

| Sr. No. | Name of the Project | Investigators | Name of the Guide | Year of Award | Duration of the project | Funding Agency | Total amount of funds received |
|---------|--|------------------------|--------------------|---------------|-------------------------|----------------|--------------------------------|
| 1 | Impact of early diagnosis of leptospirosis by detection of specific IgM antibodies in febrile patients. | Miss. Pallavi Wadhawan | Dr. D. P. Pandit | 2014-03438 | 3 Months | ICMR | 10,000 |
| 2 | Detection of AmpC β -Lactamases Producing Gram negative isolates by Phenotypic Methods from a Tertiary Care Hospital. | Miss. Aishwarya Varma | Dr. Neetu Gupta | 2014-03464 | 3 Months | ICMR | 10,000 |
| 3 | Prospective comparison of risk factors, demographic and clinical characteristics of inducible clindamycin among Community and Hospital associated Staphylococcus aureus in tertiary care hospital Maharashtra India. | Miss. Krutika Yedidi | Mrs. Deepali Desai | 2014-03052 | 3 Months | ICMR | 10,000 |
| 4 | Estimation of Nitric Oxide Levels and Oxidative Stress in Chronic Kidney Disease | Vaishali. S Kumar | Dr. D.P. Pandit | 2015-05309 | 3 Months | ICMR | 10,000 |
| 5 | Isolation and Identification of Non-Albicans Candida in clinical samples of Tertiary Care Hospital, Pimpri , Pune. | Ms. Nidhi Goyal | Dr. N.R. Gandham | 2015-04208 | 3 Months | ICMR | 10,000 |

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|----|---|-----------------------|----------------------|------------|----------|------|--------|
| 6 | Evaluation of the new automated Vitek 2C system for the identification and antimicrobial susceptibility to Vancomycin of clinically isolated Enterococci from tertiary care hospital | Shahina Gilani | Dr. K.M. Angadi | 2015-04402 | 3 Months | ICMR | 10,000 |
| 7 | Molecular characterization of CTX-M-15 β -lactamases producing E.coli&Klebsiella pneumonia from various clinical infections from tertiary care hospital. | Mr. Siddharth Mutreja | Dr. Savita V. Jadhav | 2015-04238 | 3 Months | ICMR | 10,000 |
| 8 | Ventilator associated pneumonia in an intensive care unit of a tertiary care hospital: incidence, their microbial aetiology ,risk factors and role of multi-drug resistant pathogens. | Riddhi Bora | Dr. N.S. Gupta | 2015-04381 | 3 Months | ICMR | 10,000 |
| 9 | Bacteriological analysis of Hospital water using membrane filter method | Neha Chaudhary | Dr. Chanda Vyawahare | 2015-04215 | 3 Months | ICMR | 10,000 |
| 10 | Correlation between ZN staining and Gen probe method in sputum positive and negative cases of suspected pulmonary tuberculosis. | Mr. Dhruv Bakshi | Dr. R.N. Misra | 2016-05145 | 3 Months | ICMR | 10,000 |
| 11 | Bacteriological Profile and Antibiotic Susceptibility pattern of Neonatal Septicaemia in a tertiary care hospital. | Miss. Roshnai Gupta | Dr. C.R. Vyawahare | 2016-05440 | 3 Months | ICMR | 10000 |
| 12 | A study of Rickettsial infection in Acute Febrile Patients in a Tertiary care hospital in Maharashtra | Palak Ahuja | Dr. D.P. Pandit | 2018-04666 | 3 Months | ICMR | 10,000 |

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| 13 | Insights in to Intercontinental emergence of Extra intestinal pathogenic Escherichia coli O25:H4-ST131 producing CTX-M-15 from various clinical infections from tertiary care hospital India. | Divyani Mahajan | Dr. SavitaJadhav | 2018-05233 | 3 Months | ICMR | 10,000 |
| 14 | Evaluation of microscopy, Adenosine deaminase and Lactate dehydrogenase levels as diagnostic methods of tubercular pleural effusion | Larika Kumar | Dr. D.P. Pandit | 2019-06471 | 3 Months | ICMR | 10,000 |
| 15 | Environmental colonization and transmission of carbapenem resistant enterobacteriaceae (CRE) and carbapenem resistant Acinetobacterbaumannii(CRAB) in Intensive care units of a tertiary care setup | PriyalTrivedi | Dr. ShahzadMirza | 2019-08381 | 3 Months | ICMR | 10,000 |

3. PO and CO Analysis UG

Programme Outcomes

| No. | By the end of the programme, the Medical Graduate will: |
|-----|---|
| 1 | Be a Clinician , who understands and provides preventive, promotive, curative, palliative and holistic care with compassion |
| 2 | Be a Leader and member of the health care team and system |
| 3 | Be a Communicator with patients, families, colleagues and community |
| 4 | Be a Lifelong learner committed to continuous improvement of skills and knowledge |
| 5 | Be a Professional who is committed to excellence, is ethical, responsive and accountable to patients, community and the profession |

Programme Outcomes M.D.Microbiology

| No. | By the end of the programme, the Post Graduate will: |
|-----|---|
| 1 | Who shall recognize the health needs of the community, and carry out professional obligations ethically and in keeping with the objectives of the national health policy |
| 2 | Who shall have mastered most of the competencies, pertaining to clinical microbiology, that are required to be practiced at the secondary and the tertiary levels of the health care delivery system; |
| 3 | Who shall be aware of the contemporary advance and developments in the field of clinical Microbiology. |
| 4 | Who shall have acquired a spirit of scientific inquiry and is oriented to the principles of research methodology and epidemiology; |
| 5 | Who shall have acquired the basic skills in teaching of the medical and paramedical professionals; |

4. Alumni Placement (Till date)

| Sr.No. | Name of the P. G. Student | Year of passing | Placement |
|--------|---------------------------|-----------------|--|
| 1 | Dr. Retina Paul | Jun-14 | Metropolis Lab, Kolkata |
| 2 | Dr.Indranath Roy | Jun-14 | Govt. Service – West Bengal |
| 3 | Dr.MoumitaSardar | Jun-14 | Assistant Professor, Medical College Hi-Tech Medical College & Hospital Rourkela Odisha. |
| 4 | Dr.NabamitaChaudhury | Jun-15 | Demonstrator, Burdwan Medical College, West Bengal |
| 5 | Dr.Shahzad Beg Mirza | Jun-17 | Working as an Asst. Professor Cum Manager Quality and Hospital Infection control, Dr. D. Y. Patil Medical College, Pimpri, Pune-18.` |
| 6 | Dr.SopiaMukharjee | Jun-18 | Consultant Microbiologist at Park View Superspeciality Hospital ,Salt lake,Kolkata.WB |
| 7 | Dr.Izna | June-19 | Sr.Residence ,GMC Rajouri, J&K |

5. **Mentorship Details (For Current Year)**

Mentorship II/III Batch 2018-19

| Sr. No | Mentor Name | Roll No | Name of the Students |
|--------|------------------|---------|-------------------------|
| 1 | Dr. R.N. Misra | 171 | Sourav Manish Jaju |
| | | 172 | Shreya R Hegde |
| | | 173 | LavanyaTaneja |
| | | 174 | Samiksha |
| | | 175 | IshikaDeswal |
| 2 | Dr. D.P. Pandit | 176 | ShastriRushiMukund |
| | | 177 | AnushkaYadav |
| | | 178 | KoustubhKushagraPande |
| | | 179 | RitamSengupta |
| | | 180 | Tanya Srivastava |
| 3 | Dr. N.R. Gandham | 181 | Sharma Shanti Devsharan |
| | | 182 | Nikhil Mohan |
| | | 183 | NandiniBeniwal |
| | | 184 | VipulGoyal |
| | | 185 | Hritik Singh Tomar |

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| 4 | Dr.K.M.Angadi | 186 | Poulami Deb |
| | | 187 | AvneetKaur |
| | | 188 | Patel JhanviKamleshkumar |
| | | 189 | Nitya Jain |
| | | 190 | Gaurav Kumar |
| 5 | Dr. S.V. Jadhav | 191 | Patil AjinkyaKeshavrao |
| | | 192 | SoumyaShrivastava |
| | | 193 | Medankar Nikita Kalidas |
| | | 194 | RajatGoel |
| | | 195 | DrishtiThakkar |
| 6 | Dr.ChandaVyawahare | 196 | V Padmapriya Naidu |
| | | 197 | NainaShruti |
| | | 198 | AnniPreety |
| | | 199 | Sava Shrutipriya Narayan |
| | | 200 | RatnanshPandey |
| 7 | Dr.Neetu Gupta | 201 | HargudeNeha |
| | | 202 | Deepanshu Sharma |
| | | 203 | Patel ManushiJatin |
| | | 204 | SrishtiSinha |
| | | 205 | ShiroleAtharv Manish |
| 8 | Dr. N.K. Das | 206 | RitikLochab |

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| | | 207 | BhoirShraddhaVasant |
| | | 208 | Akanksha |
| | | 209 | InamdarAbdalAyyub |
| | | 210 | Vishakha |
| 9 | Dr. R.A. Patil | 211 | VrindaAgarwal |
| | | 212 | JagritiTalreja |
| | | 214 | NityaTiwary |
| | | 215 | AanchalVerma |
| | | 216 | AishwaryaTiwari |
| 11 | Dr.ShahzadMirza | 218 | Siddhant Singh |
| | | 219 | SalilVallecha |
| | | 220 | ParmarKavinDeven |
| | | 221 | ChauhanPoojaAkshaysinh |
| | | 222 | AmitBhardwaj |
| 12 | Mrs. Anjali Deshmukh | 223 | Km Sushma Singh |
| | | 224 | IshaGoel |
| | | 225 | Aayushi |
| | | 226 | KanganRao |
| | | 227 | OzarkarRajanigandhaRaju |

6. Wall magazine

1 Magazine File 2014

| Date | Topic Name | News Paper Name | Faculty Name |
|-------------|--|--------------------------|---------------------|
| 30/01/2014 | Most leprosy cases detected late, | Times of India | Dr. R.N. Misra |
| 16/02/2014 | Did you sterilize your stethoscope, doctor? | Times of India | Dr. N.R. Gandham |
| 26/04/2014 | In setback, new TB test may not give accurate results | The Times of India | Dr. R.N. Misra |
| 05/07/2014 | Portable device to test for TB in 30 minutes | Indian Express | Dr. R.N. Misra |
| 07/08/2014 | Ebola threat looms over India | Times Nation | Dr. N.R. Gandham |
| 30/07/2014 | Over 1,500 lives lost to diarrhea in 2013, delay in treatment blamed | Times of India | Dr. R.N. Misra |
| 29/09/2014 | 11 die of H1N1 in state in September 2014 | Times of IndiaTimes City | Dr. R.N. Misra |
| 12/05/15 | ICMR | Newspaper times of India | Dr. R.N. Misra |
| 23/06/15 | Filariasis may be history by year-end | Newspaper times of India | Dr. R.N. Misra |
| 02/07/15 | Fat lot of good: | Indian Exp | Dr. R.N. Misra |
| 01/09/15 | Dengue yo-yo: | Indian Express | Dr. R.N. Misra |
| 25/09/15 | Medicine for drug | The Times of India | Dr. N.R. Gandham |
| 06/10/15 | Nobel Prize in Physiology or medicine, 2015 | Indian Express | Dr. N.R. Gandham |
| 28/10/15 | 5-in one vaccine rollout in Nov, | Times of India | Dr. N.R. Gandham |
| 04/11/15 | Rotavirus vaccine pilot trial in Pune | Times of India | Dr. Shahzad Mirza |
| 29/11/15 | Drug-resistant bug causes worry | Times of India | Dr. R.N. Misra |
| 28/01/16 | Zika reaches Europe: | The Times of India | Dr. N.R. Gandham |
| 28/01/16 | Zika Threat: | The Times of India | Dr. R.N. Misra |
| 29/01/16 | Zika | Indian Exp | Dr. R.N. Misra |
| 06/01/17 | GM vaccine for malaria without side effects soon | Times of India | Dr. N.R. Gandham |
| 18/01/17 | There were great expectations from stem cell | Indian Exp | Dr. N.R. Gandham |

7. Teaching programme (Actual teaching programme should be reflected and not methods)

Lecture/ Tutorial Programme

- Semester:3rd
- Faculty In-charge:Dr. Chanda R Vyawahare

| Sr. No | Date | Topic | Name of the Faculty Member |
|--------|----------|--|----------------------------|
| 1 | 07/08/19 | General MicrobiologyIntroduction-I | Dr. R. N. Misra |
| 2 | 09/08/19 | General MicrobiologyIntroduction-II | Dr. R. N. Misra |
| 3 | 10/08/19 | Morphology-I | Dr. Sameena Khan |
| 4 | 14/08/19 | Morphology-II | Dr. Sameena Khan |
| 5 | 16/08/19 | Growth and nutrition | Dr. Rajashri A Patil |
| 6 | 21/08/19 | Sterilization-I | Dr. Rajashri A Patil |
| 7 | 23/08/19 | Sterilization-II | Dr. Rajashri A Patil |
| 8 | 24/08/19 | Hand hygiene | Dr. Kalpana M. Angadi |
| 9 | 28/08/19 | Doubt clearing class | Dr N K Das |
| 10 | 30/08/19 | Genetics-I | Dr. Neetu S. Gupta |
| 11 | 31/08/19 | Genetics-II | Dr. Neetu S. Gupta |
| 12 | 04/09/19 | ABST (Antibiotic Sensitivity Test), Antimicrobial Resistance | Dr. ShahzadMirza |
| 13 | 06/09/19 | Host- parasite relationship-I | Dr. Sameena Khan |

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| 14 | 07/09/19 | Host- parasite relationship-II | Dr. Sameena Khan |
| 15 | 11/09/19 | Tutorial - General Microbiology-I | Dr. Nikunja Kumar Das |
| 16 | 13/09/19 | Introduction to Immunology | Dr. D. P Pandit |
| 17 | 14/09/19 | Antigen | Dr. N. R. Gandham |
| 18 | 18/09/19 | Antibody | Dr. N. R. Gandham |
| 19 | 20/09/19 | Integrated teaching (Pyelonephritis) | Dr. Nikunja Kumar Das |
| 20 | 21/09/19 | Structure and function of Immune system-I | Dr. D. P Pandit |
| 21 | 25/09/19 | Structure and function of Immune system-II | Dr. D. P Pandit |
| 22 | 27/09/19 | Complements | Dr. Kalpana M. Angadi |
| 23 | 28/09/19 | Staphylococci | Dr. Chanda R. Vyawahare |
| 24 | 04/10/19 | Ag- Ab reaction-I | Dr. ShahzadMirza |
| 25 | 05/10/19 | Ag- Ab reaction-II | Dr. ShahzadMirza |
| 26 | 09/10/19 | Streptococci | Dr. Chanda R. Vyawahare |
| 27 | 11/10/19 | Streptococcus pneumoniae | Dr. Chanda R. Vyawahare |
| 28 | 12/10/19 | Tutorial – General Microbiology-II | Dr.Rajashri A Patil |
| 29 | 16/10/19 | Gram negative cocci | Dr. R. N. Misra |
| 30 | 18/10/19 | Immune response-I | Dr. R. N. Misra |
| 31 | 19/10/19 | Immune response-II | Dr. R. N. Misra |
| 32 | 23/10/19 | Corynebacteria | Dr. Neetu S. Gupta |
| 33 | 25/10/19 | Hypersensitivity | Dr. Nikunj K. Das |
| 34 | 26/10/19 | Tutorial – Immunology- I | Dr. Neetu S. Gupta |

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| 35 | 30/10/19 | Immunodeficiency diseases | Dr. R.N.Misra |
| 36 | 01/11/19 | Immunology of transplantation and malignancy | Dr.D.P.Pandit |
| 37 | 02/11/19 | Enterobacteriaceae-E.coli,Klebsiella, Proteus | Dr.Sameena Khan |
| 38 | 06/11/19 | Autoimmune diseases | Dr.N.K.Das |
| 39 | 08/11/19 | Shigella | Dr. Chanda R. Vyawahare |
| 40 | 09/11/19 | Tutorial-Gram Positive Cocci | Dr.ShahzadMirza |
| 41 | 13/11/19 | Bacillus | Dr. Sameena Khan |
| 42 | 15/11/19 | Anaerobiasis and Clostridia-I | DrNikunj K. Das |
| 43 | 16/11/19 | Clostridia-II | DrNikunj K. Das |
| 44 | 20/11/19 | Doubt clearing class | DrRajashri A Patil |
| 45 | 22/11/19 | Tutorial-Gram Negative Cocci | Dr.ShahzadMirza |
| 46 | 23/11/19 | Doubt Clearing Class | Dr.Sameena Khan |
| 47 | 27/11/19 | Revision- General Microbiology | DrShahzadMirza |
| 48 | 29/11/19 | Revision- Immunology | DrNikunja Kumar Das |
| 49 | 30/11/19 | Revision- Bacteriology | DrSameena Khan |

Lecture/ Tutorial Programme

Semester: 4th

Faculty in charge:Dr. Neetu Gupta

| Sr. No | Date | Topic | Name of the Faculty Member |
|--------|----------|-------------|----------------------------|
| 1 | 02/01/19 | Pseudomonas | Dr. ShahzadMirza |

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| 2 | 04/01/19 | Vibrio | Dr. R.A. Patil |
| 3 | 07/01/19 | Bacillus | Dr. N. R. Gandham |
| 4 | 09/01/19 | Shigella | Dr. C.R. Vyawahare |
| 5 | 11/01/19 | Tutorial- Gram Positive Cocci | Dr. ShahzadMirza |
| 6 | 14/01/19 | Haemophilusinfluenzae | Dr. C.R. Vyawahare |
| 7 | 16/01/19 | Brucella | Dr. C.R. Vyawahare |
| 8 | 18/01/19 | Non sporing anaerobes | Dr. N.K. Das |
| 9 | 21/01/19 | H. pylori | Dr. R.N. Misra |
| 10 | 23/01/19 | Mycoplasma and Chlamydia | Dr. K.M. Angadi |
| 11 | 25/01/19 | Bordetella | Dr. ShahzadMirza |
| 12 | 28/01/19 | Integrated teaching (TB) | Dr. N. R. Gandham |
| 13 | 30/01/19 | Integrated teaching (TB) | Dr. N. R. Gandham |
| 14 | 01/02/19 | Miscellaneous bacteria | Dr. N.K.Das |
| 15 | 04/02/19 | Spirochaetes-I | Dr. D.P.Pandit |
| 16 | 06/02/19 | Spirochaetes-II | Dr. D.P.Pandit |
| 17 | 08/02/19 | Tutorial – Immunology | Dr. N.S. Gupta |
| 18 | 11/02/19 | Mycology introduction &Dermatophytes | Dr. S.V. Jadhav |
| 19 | 13/02/19 | Subcutaneous mycoses | Dr. S.V. Jadhav |
| 20 | 15/02/19 | Systemic mycoses | Dr. S.V. Jadhav |
| 21 | 18/02/19 | M. leprae | Dr. N. R. Gandham |
| 22 | 20/02/19 | Virology introduction | Dr. D.P.Pandit |
| 23 | 22/02/19 | Virology lab diagnosis | Dr. R.A. Patil |
| 24 | 25/02/19 | Herpes viruses -I | Dr. K.M.Angadi |
| 25 | 27/02/19 | Herpes viruses -II | Dr. K.M.Angadi |
| 26 | 01/03/19 | Pox and adenovirus | Dr. N.K.Das |
| 27 | 06/03/19 | Rickettsia | Dr. N.R.Gandham |
| 28 | 08/03/19 | Bacteriophage | Dr. R.A. Patil |
| 29 | 11/03/19 | Integrated Teaching -HIV | Dr. R.N. Misra |
| 30 | 13/03/19 | Integrated Teaching -HIV | Dr. R.N. Misra |
| 31 | 15/03/19 | Introduction and lab. Diagnosis Parasitology | Dr. R.A. Patil |

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| 32 | 18/03/19 | Picorna viruses | Dr. K.M.Angadi |
| 33 | 20/03/19 | Orthomyxovirus | Dr. N.S.Gupta |
| 34 | 22/03/19 | Paramyxovirus | Dr. N.S.Gupta |
| 35 | 25/03/19 | Intestinal protozoa-I | Dr. N.K. Das |
| 36 | 27/03/19 | Intestinal protozoa-II | Dr. N.K. Das |
| 37 | 29/03/19 | Leishmaniasis | Dr. R.A. Patil |
| 38 | 01/04/19 | Arbovirus-I | Dr. N.S.Gupta |
| 39 | 03/04/19 | Arbovirus-II | Dr. N.S.Gupta |
| 40 | 05/04/19 | Miscellaneous viruses | Dr. ShahzadMirza |
| 41 | 08/04/19 | Trypanosomes | Dr. R.N. Misra |
| 42 | 10/04/19 | Hepatitis- I | Dr. R.A. Patil |
| 43 | 12/04/19 | Hepatitis- II | Dr. R.A. Patil |
| 44 | 15/04/19 | Rhabdovirus | Dr. K.M.Angadi |
| 45 | 22/04/19 | Malaria-I | Dr. K.M. Angadi |
| 46 | 24/04/19 | Malaria-II | Dr. K.M. Angadi |
| 47 | 26/04/19 | Tutorial-Mycobacteria | Dr. N.K.Das |
| 48 | 29/04/19 | Cestodes-I | Dr. C.R. Vyawahare |
| 49 | 03/05/19 | Cestodes-II | Dr. C.R. Vyawahare |
| 50 | 06/05/19 | Intestinal Nematodes-I | Dr. Neetu S. Gupta |
| 51 | 08/05/19 | Intestinal Nematodes -II | Dr. Neetu S. Gupta |
| 52 | 10/05/19 | Tissue nematodes | Dr. R.A. Patil |
| 53 | 13/05/19 | Cryptosporidium and Toxoplasma | Dr. D.P. Pandit |
| 54 | 15/05/19 | Trematodes | Dr. Neetu S. Gupta |
| 55 | 17/05/19 | Tutorial-GNB | Dr. ShahzadMirza |
| 56 | 20/05/19 | Doubt clearing | Dr. N.K.Das |

Lecture/ Tutorial Programme

Semester: 5th

Faculty In charge: Dr. Neetu Gupta

| Sr. No | Date | Topic | Name of the Faculty Member |
|--------|----------|---|----------------------------|
| 1 | 01/07/19 | Cestodes–I | Dr. C.R. Vyawahare |
| 2 | 02/07/19 | Cestodes–II | Dr. C.R. Vyawahare |
| 3 | 04/07/19 | Revision- 2nd term end Exam Qs discussion | DrN K Das |
| 4 | 06/07/19 | Revision – Sterilisation and disinfection | Dr.R.A. Patil |
| 5 | 08/07/19 | Cryptosporidium and Toxoplasma | Dr. D. P. Pandit |
| 6 | 09/07/19 | Lab diagnosis of PUO | Dr.N.K.Das |
| 7 | 11/07/19 | Revision- Immunology-I | Dr. N.S. Gupta |
| 8 | 13/07/19 | Lab diagnosis of wound infection | Dr. D. P. Pandit |
| 9 | 15/07/19 | PBL-Meningitis | Dr. N.R. Gandham |
| 10 | 16/07/19 | PBL-Meningitis | Dr. N.R. Gandham |
| 11 | 18/07/19 | PBL-Meningitis | Dr. N.R. Gandham |
| 12 | 20/07/19 | Doubt clearing class | Dr. N.K Das |
| 13 | 22/07/19 | Integrated teaching – Enteric fever | Dr. ShahzadMirza |
| 14 | 23/07/19 | Integrated teaching – Enteric fever | Dr. ShahzadMirza |
| 15 | 25/07/19 | Lab diagnosis GIT infection | Dr. C.R. Vyawahare |
| 16 | 27/07/19 | Microbiology of food, water and air | Dr. ShahzadMirza |
| 17 | 29/07/19 | Tutorial-Virology | Dr.N.K.Das |
| 18 | 30/07/19 | Lab diagnosis of STD | Dr. R.N.Misra |
| 19 | 01/08/19 | Revision –Media and Biochemical Reactions | Dr.R A Patil |
| 20 | 03/08/19 | Lab diagnosis of Hospital acquired infections | Dr. N.R.Gandham |
| 21 | 05/08/19 | Tutorial- Parasitology | Dr R A Patil |
| 22 | 06/08/19 | Lab diagnosis of Food Poisoning | Dr. R A Patil |

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| 23 | 08/08/19 | Bioterrorism | DrKalpana M. Angadi |
| 24 | 10/08/19 | Emerging and reemerging infections | Dr R N Misra |
| 25 | 13/08/19 | Revision- General Microbiology | Dr. N. K Das |
| 26 | 19/08/19 | (Integrated teaching) Pneumonia | Dr. R.N. Misra |
| 27 | 20/08/19 | Integrated teaching- Pneumonia | Dr. R.N. Misra |
| 28 | 22/08/19 | Revision- Immunology-II | Dr N S Gupta |
| 29 | 24/08/19 | Revision- Bacteriology | Dr. N. K Das |
| 30 | 26/08/19 | Revision- Mycobacteriology | Dr.ShahzadMirza |
| 31 | 27/08/19 | Revision – Mycology-I | Dr. R A Patil |
| 32 | 29/08/19 | Revision – Mycology-II | Dr.ShahzadMirza |
| 33 | 31/08/19 | Revision – Parasitology – (Protozoa) | Dr. R A Patil |
| 34 | 03/09/19 | Revision – Parasitology – (Cestodes&Trematodes) | Dr.ShahzadMirza |
| 35 | 05/09/19 | Revision – Parasitology – (Nematodes) | Dr. N.K. Das |
| 36 | 07/09/19 | Revision – Virology-I | Dr. N.S. Gupta |
| 37 | 09/09/19 | Revision – Virology –II | Dr. R A Patil |
| 38 | 14/09/19 | Revision – Clinical Microbiology-I | Dr. N.K. Das |
| 39 | 16/09/19 | Revision – Clinical Microbiology-II | Dr.ShahzadMirza |
| 40 | 17/09/19 | Doubt clearing class | Dr N K Das |
| 41 | 19/09/19 | Doubt clearing class | Dr R A Patil |
| 42 | 21/09/19 | Doubt clearing class | Dr.ShahzadMirza |
| 43 | 23/09/19 | Preliminary Exam | |

PRACTICALS SCHEDULE

| Sr. No | Date | Topic |
|--------|-------------------|---|
| 1 | 01/07/19-04/07/19 | Intestinal Nematodes |
| 2 | 08/07/19-11/07/19 | Revision- Media and Biochemical reactions |
| 3 | 15/07/19-18/07/19 | Cestodes |
| 4 | 22/07/19-25/07/19 | Salmonella (Enteric Fever) |

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| 5 | 29/07/19-01/08/19 | Revision Practical (Sterilization) |
| 6 | 05/08/19-08/08/19 | Trematodes |
| 7 | 13/08/19-14/08/19 | Revision -Biochemical reactions |
| 8 | 19/08/19-22/08/19 | Cryptosporidium, Toxoplasma, Pneumocystitis |
| 9 | 26/08/19-29/08/19 | Entomology |
| 10 | 03/09/19-05/09/19 | Revision Practical (Virology and Immunology) |
| 11 | 09/09/19-12/09/19 | Revision Practical (Mycology and Parasitology) |
| 12 | 16/09/19- 19/09/19 | Revision Practical (Slides and Specimens) |

Tutorials

| | | | |
|---|----------|------------------------|--------------|
| 1 | 29/07/19 | Tutorial-Virology | Dr.N.K.Das |
| 2 | 05/08/19 | Tutorial- Parasitology | Dr R A Patil |

PBL-Meningitis

8) Integrated Teaching

List of integrated teaching classes

| Topic | Classes |
|----------------|---|
| Pyelonephritis | <ul style="list-style-type: none">• Bacteriology of Pyelonephritis• Pathogenesis of pyelonephritis• Clinical features of Pyelonephritis• Treatment of Pyelonephritis• ICU management in Pyelonephritis |
| Tuberculosis | <ul style="list-style-type: none">• Bacteriology of Tuberculosis• Pathogenesis of Tuberculosis• Clinical presentation and complications in Tuberculosis• Laboratory diagnosis of Tuberculosis• Prevention and control of Tuberculosis• Treatment of Tuberculosis |
| Pneumonia | <ul style="list-style-type: none">• Bacteriology of Pneumonia• Pathogenesis of pneumonia• Clinical features of pneumonia• Prevention & control of Pneumonia• Treatment of Pneumonia• Emergency management of Pneumonia• Medico legal aspects of Pneumonia |
| HIV | <ul style="list-style-type: none">• Epidemiology of HIV• HIV Virology• Pathogenesis of HIV infection• Clinical features and opportunistic infection in HIV |

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|---------------|--|
| | <ul style="list-style-type: none"> • Diagnosis of HIV infection • Treatment of HIV infection • Critical care management of HIV patients • Prevention & control programme of HIV infection • Medico legal aspects in HIV infection |
| Enteric fever | <ul style="list-style-type: none"> • Bacteriology of Enteric fever • Pathogenesis of Enteric fever • Clinical features of Enteric fever • Treatment of Enteric fever • Prevention & control of Enteric fever • ICU management of Enteric fever |

9) Dissertation

List of completed Dissertation

| Sr. No | Topic | PG student Name | Guide Name |
|--------|---|-------------------|-----------------------|
| 1 | Nosocomial pneumonia in (ICU) intensive care unit patients | Dr. S.A.Kazmi | Dr.MRS. V.Y.Sharma |
| 2 | Bacteriological study in suspected neonatal septicaemia | Dr.priyaDhumal | Dr. R.P.Nagdawne |
| 3 | Role of fine needle aspiration cytology in the diagnosis of tuberculous lymphadenitis and the utility of ziehlneelsen staining | Dr. VandanaVerma | Dr.S.S.Chandanwale |
| 4 | Prevalence of extended spectrum beta lactamases from various clinical samples | Dr. ShitalKambale | Dr. R. P. Nagdawane |
| 5 | Study of bacterial vaginosis in women of reproductive age by pH determination, direct gram stain and giemsa stain of vaginal discharge. | Dr. AmitRangari | Dr. R.P. Chandanwale |
| 6 | An assessment of the carcinogenicity of various infant milk formulare by microbiological and biochemical methods | Dr.Shweta Dixit | Dr.Asha Singh |
| 7 | Bacterial profile and their antibiotic susceptibility pattern in clinically diagnosed urinary tract infections | Dr.Dharmesh Singh | Dr. R.P.Nagdawne |
| 8 | Microbial profile of aural discharges (Otorrhoea) & antimicrobial susceptibility pattern of the common isolates | Dr. PallaviTatte | Dr. NageshwariGandham |
| 9 | Study of susceptibility pattern of mycobacterial isolates from patients of pulmonary tuberculosis | Dr.ShilpaLagali | Dr.MRS.V.Y.Sharma |
| 10 | Study of detection of human rotavirus in stool specimen by ELISA technique & association of enteric pathogens in childhood diarrhea | Dr.DipaliChavan | Dr. R.P.Nagdawne |

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| 11 | A comparative antimicrobial analysis of various root canal irrigating solutions on endodontic pathogens: IN – Vitro Study | Dr.AbhinavMisuriya | Dr.ShaliniAggarwal |
| 12 | Microbial etiological agents in chronic periodontitis | Dr.ManpreetKaur | Dr. R.P.Nagdawne |
| 13 | Identification of fungal infections in suspected clinical samples of superficial fungal infection and anti-fungal susceptibility testing | Dr. ArnobMandol | Dr. G.B.Matnani |
| 14 | Serodiagnosis of dengue antibodies in suspected cases of dengue fever by Elisa technique | Dr. Suruchi Sharma | Dr..V.Y.Sharma |
| 15 | Comparative study of the prevalence of intestinal parasites in HIV-reactive and NON-reactive individuals | Dr.SaikatBhawal | Dr. R.P.Nagdawne |
| 16 | Incidence of heal thcare associated infection and antibiotic resistance of isolates in critical care patients of a tertiary care hospital | Dr.Ajay Kumar | Dr. R N Misra |
| 17 | Isolation and identification of Acinetobacter species with special reference to antibiotic resistance | Dr.Neetu Gupta | Dr. N R Gandham |
| 18 | “Isolation and identification of mycobacterium tuberculosis from suspected cases of pulmonary tuberculosis and detection of multi-drug resistance tuberculosis” | Dr.Mukesh Sharma | Dr. R.N. Misra |
| 19 | Incidence of sepsis in the neonates admitted to a tertiary care hospital and antimicrobial susceptibility pattern of the isolates | Dr.PurbashaGhosh | Dr.R N Misra |
| 20 | “To compare the microbial colonization and patient’s comfort with absorbable and non-absorbable suture material in extraction socket suturing”. | Dr.S. S. Dusane | Dr.KalyaniBhate |
| 21 | “To Evaluate efficacy of manuka honey dressing in the treatment of infected socket”. | Dr.SurajPradipJabde | Dr.PushkarWaknis |

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| 22 | “Documentation of the spectrum of microbiological flora and their antibiotic sensitivity in oral infections in local population in Pimpri- Chinchwad, Maharashtra”. | Dr. AsmitaMarutiPhirange | Dr. PushkarWaknis |
| 23 | “Prospective study of Anaerobic isolates from deep-seated wound infections encountered in a tertiary care hospital” | Dr. Retina Paul | Dr. R. N Misra |
| 24 | “Spectrum and prevalence of fungi in soft tissue infections in a tertiary care hospital” | Dr. MoumitaSardar | Dr. N. R Gandham |
| 25 | “Isolation of Bacteria in Acute diarrheal diseases in pediatric age group of patients attending to a tertiary care hospital and antimicrobial susceptibility pattern of the isolates” | Dr. Indranath Roy | Dr. Dakshayani P Pandit |
| 26 | “Comparision of Efficacies of 5% Povidoneiodine solution and 0.2% Chlorhexidine Solution in Controlling Bacteremia in patients Undergoing Surgical Removal of Mandibular third molar.” | Dr. FazaSiddqui | Dr. KalyaniBhate |
| 27 | The isolation and identification of Nonfermenting organisms and their antibiogram from clinical samples in a tertiary care hospital | Dr.NabamitaChaudhury | Dr. R.N Misra |
| 28 | To isolate and identify the B- lactamases in enterobacteriaceae among community acquired infections in a tertiary care hospital. | Dr. Shahzad Beg. Mirza | Dr. R.N Misra |
| 29 | Antibiotic resistance pattern of bacteria, isolated from cases of ventilator associated pneumonia in a tertiary care hospital | Dr. Sophia Mukherjee | Dr. R. N Misra |
| 30 | A Study of Risk Factors, Occurrence and Etiology of catheter associated urinary tract infections (CAUTI) in criteria care unit of Dr. D.Y. Patil Medical College, Hospital and Research Center | Dr. Izna | Dr. N.R. Gandham |
| 31 | Role of Nitric Oxide in Pathogenesis of Dengue Fever | Dr. PrachiBhide | Dr. D.P. Pandit |

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| | <u>Ph.D thesis</u> | | |
| Ph.D - 1 | “Phenotypic and genotypic characterization of Multidrug resistant Uropathogenic E.coli” | Dr. Savita Jadhav | Dr. R.P Nagdawane Dr. Niyaz Ahmed |
| Ph.D - 2 | Epidemiology of MDR Tuberculosis in a tertiary care hospital-Pune with special reference to rapid molecular methods | Swarupa M. Hatolkar | Dr. R.N. Misra |
| Ph.D - 3 | Study of epidemiological markers of Pseudomonas aeruginosa isolated from various clinical samples received in a tertiary care Hospital, India | Mr. Jagannath D. Andhale | Dr. R.N. Misra |

4. MDS Project Completed

| Sr. No | Title of Project | Name of Students | Name of Guide | Name of Investigators |
|------------------------|---|---------------------|--|---|
| 1 | To evaluate efficacy of Manuka Honey Dressing in the treatment of Infected socket | Dr. Suraj P. Jabde | Dr. R.S. Dolas, Dr. Pushkar Waknis | Dr. R.N. Misra Mrs. Anjali Deshmukh |
| Year – 2012- 13 | | | | |
| 2 | Documentation of spectrum of Microbiological flora and their antibiotic sensitivity, population in Pimpri Chinchwad (M.S) | Dr. Asmita Phirange | Dr. P. Waknis | Dr. R. N. Misra Mrs. Anjali Deshmukh |
| 3 | To compare the efficacies of 0.2% chlorhexidine solution and 5% povidone Iodine solution in controlling Bacteremia after surgical removal of Mandibular third molar | Dr. Fiza Siddiqui | Dr. Kalyani Bhate Dr. Deepak Kulkarni | Dr. R. N. Misra Mrs. Anjali Deshmukh |

10) Achievements/Awards of Faculty, UG Student, PG student yearwise (calendar year) from 1st January 2014 to 2019 till date

| Sr. No. | Name | Designation | Details of achievements |
|-----------|------------------------|---------------------|---|
| Year 2014 | | | |
| 1 | Dr. Savita V Jadhav | Professor | Young Researcher Award-1st prize on 5th Sept 2014. |
| 2 | Dr. Nabamita Chaudhari | P.G.Studennt | First Prize in oral presentation in the 2nd National conference of pediatrics association of India 31 st October – 2nd November 2014, Burdwan, west Bangal |
| Year 2015 | | | |
| | | NIL | |
| Year 2016 | | | |
| 3 | DrNikunja Kumar Das | Assistant Professor | Chief of the Army Staff award for the best published article titled "Emergence of multidrug resistant enterococci at a tertiary care centre" in the field of Pathology, Microbiology, hematology & biochemistry for the year 2016 as "Co-author". |
| Year 2017 | | | |
| 4 | Mrs. Swarupa Hatolkar | Demonstrator | Research Poster nominated for Mumbai-Belgaum prize for Mycobacteriology best poster (Molecular Genotyping of Drug resistant Mycobacterium tuberculosis by spoligotyping from Western Maharashtra), MICROCON 2017, Rajendra Institute of Medical Sciences, Ranchi, dated 22 nd – 26 th November 2017. |

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| 5 | Mrs.Swarupa Hatolkar | Demonstrator | Best poster award for “ Molecular Epidemiology: Drug Resistance and spoligotyping pattern of Mycobacterium tuberculosis from Western Maharashtra.” in 72 nd National Conference of Tuberculosis and Chest diseases NATCON 17 th Dec 2017. |
| 6 | Ms. P. Deepthi | U.G.Student | Regional undergraduate Microbiology Quiz of Pune region (XXXIII MAHARASTRA CHAPTER CONFERENCE OF IAMM MAHAMICROCON-2017), conducted at Armed forces Medical College, Pune on 24/08/2017 and Secured 2 nd Position. |
| 7 | Mr. Kiran John Koshy | U.G.Student | Regional undergraduate Microbiology Quiz of Pune region (XXXIII MAHARASTRA CHAPTER CONFERENCE OF IAMM MAHAMICROCON-2017), conducted at Armed forces Medical College, Pune on 24/08/2017 and Secured 2 nd Position. |
| Year 2018 | | | |
| 8 | Dr. Shahzad Mirza | Assistant Professor | Second Prize for Poster Presentation -“Role of CBNAAT in early and rapid detection of pulmonary and extra pulmonary tuberculosis and Rifampacin resistance in a tertiary care set up with special reference to pediatric cases”. “Annual Conference of Respiratory, Critical Care & Sleep Medicine” held on 22nd and 23rd December 2018 at Dr. D.Y. Patil Medical College Pimpri, Pune - 18. |

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| 9 | Dr. Swarupa Hatolkar | Demonstrator | First Prize for Oral Paper Presentation Molecular epidemiology of Mycobacterium tuberculosis from Dr. D. Y. Patil Medical College, Pune. “Annual Conference of Respiratory, Critical Care & Sleep Medicine” held on 22 nd and 23 rd December 2018 at Dr. D.Y. Patil Medical College Pimpri, Pune -18. |
| 10 | Dr.Savita Jadhav | Professor | 1st prize in best poster award category at International conference of Antimicrobial Resistance: ICAR 2018 , CSIR India and dept of Biotechnology Govt of India on 20 th Jan 2018 |
| 11 | Mr. Nilashis Dutta | U.G.Student | Regional undergraduate Microbiology Quiz of Pune region (9 Medical Colleges) XXIV MAHARASTRA CHAPTER CONFERENCE OF IAMM MAHAMICROCON-2018, conducted at Bharathi Vidyapeeth Medical College , Pune on 24/08/2018 and Secured 2nd Position |
| 12 | Ms. Jinisha Pahuja, | U.G.Student | Regional undergraduate Microbiology Quiz of Pune region (9 Medical Colleges) XXIV MAHARASTRA CHAPTER CONFERENCE OF IAMM MAHAMICROCON-2018, conducted at Bharathi Vidyapeeth Medical College , Pune on 24/08/2018 and Secured 2nd Position |

11) Conferences/CME/Workshop organized by department year wise (calendar year) from 1st 2014 to 2019 till date (With 2/3 photographs of each event)

| Sr. No. | Title | Date | Guest Speaker | No. of Delegates Attended |
|------------------|--|---------------------------|-----------------------|----------------------------------|
| Year 2014 | | | | |
| 1 | | NIL | | |
| Year 2015 | | | | |
| 1 | | NIL | | |
| Year 2016 | | | | |
| 1 | | NIL | | |
| Year 2017 | | | | |
| 1 | Guest Lecture on “Future Molecular Diagnostics in Clinical Microbiology” | 11/10/2017 | Dr. Dr. Helena Enroth | - |
| 2 | Quality Management Systems and Internal audit in Medical Lab as per ISO 15189-2012, NABL training, | 24/05/2017 to 27/05/2017 | - | |
| 3 | Quality Management Systems and Internal audit in Medical Labs as per ISO 15789-2012, NABL training | 08/11/2017 to 11/11/2017. | - | 17 |
| Year 2018 | | | | |

12) Conferences/CME/Workshop attended by faculty and students year wise (calendar year) from 1st 2014 to 2019 till date

| Sr. No. | Name of the Participant | Designation | Name of the CME/Conference/Workshop | Date & Venue/place | Role (Delegate/ Resource Person/ Chairperson/ Panelist) |
|------------------|-------------------------|-------------------|---|---|---|
| Year 2014 | | | | | |
| 1 | Dr. R N Misra | Professor and HOD | MCI recognized MET workshop- 2014, Dr. D. Y. Patil Medical College, Hospital and research centre Pune-411018.MET Cell | 16 th to 18 th October 2014 | Delegate |
| 2 | Dr. R N Misra | Professor and HOD | APCON-2014, 63 rd Annual Conference of Indian Association of Pathologists and Microbiologists at AFMC,Pune | 4 th to 7 th December 2014 | Delegate |
| 3 | Dr. D P Pandit | | MCI recognized MET workshop- 2014, Dr. D. Y. Patil Medical College, Hospital and research centre Pune-411018.MET Cell | 16 th to 18 th October 2014 | Delegate |
| 4 | Dr. N R Gandham | Professor | SIHAM 2014, tenth Annual Meeting of the Society for Indian Human & Animal Mycologists, Le Meridien, Coimbatore, Tamilnadu, India. | 10 th to 12 th January 2014 | Delegate |
| 5 | Dr. N R Gandham | Professor | MCI recognized MET workshop- 2014, Dr. D. Y. Patil Medical College, Hospital and research centre Pune-411018.MET Cell | 27 th to 29 th January 2014 | Delegate |

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| 6 | Dr. Kalpana M Angadi | Professor | MCI recognized MET workshop- 2014, Dr. D. Y. Patil Medical College, Hospital and research centre Pune-411018.MET Cell | 16 th to 18 th October 2014 | Delegate |
| 7 | Dr. S V Jadhav | Professor | 2nd International Science symposium on HIV & infectious Diseases, The ACCORD Metropolitan Hotel T. Nagar, Chennai, | 30 th January to 1 st February 2014 | Delegate |
| 8 | Dr. C R Vyawahare | Associate Professor | 2nd International Science symposium on HIV & infectious Diseases, The ACCORD Metropolitan Hotel T. Nagar, Chennai, | 30 th January to 1 st February 2014 | Delegate |
| 9 | Ms. Deepali Desai | Demonstrator | 2nd International Science symposium on HIV & infectious Diseases, The ACCORD Metropolitan Hotel T. Nagar, Chennai, | 30 th January to 1 st February 2014 | Delegate |
| 10 | Dr. Neetu Gupta | Associate Professor | Seminar on “Emotional well- being” DYPMC, | 18th September 2014 | Delegate |
| 11 | Dr. N K Das | Assistance Professor | Attended MICROCON (IAMM National Chapter) 2014, held at Birla auditorium Jaipur | 15 th to 19 th October 2014 | Delegate |
| 12 | Dr. N K Das | Assistance Professor | Basic workshop in “Research Methodology” conducted by department at Medical education | 13 th to 15 th November 2014 | Delegate |
| 13 | Dr. ShahzadMirza | Assistance Professor | Attended as delegate - APCON-2014, 63 rd Annual Conference of Indian Association of Pathologists and Microbiologists at AFMC,Pune | 4 th to 7 th December 2014 | Delegate |
| 14 | Dr. R.A. Patil | Assistance Professor | IRCON-2014, 7 th Interdisciplinary Research Confrence, Government Medical College, Aurangabad | 22 nd ,23 rd & 24 th January 2014 | Delegate |

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| 15 | Dr. Nabamita Chaudhuri | P.G. Student | PAICON 2014, 2 nd National Conference of Pediatrics Association of India, Town Hall, Burdwan, W.B. | 31 st October to 2 nd November 2014 | Delegate |
| 16 | Dr. SwarupaHatolkar | Demonstrator | National Symposium on Innovation in TB Diagnostics, Drug target and Biomarkers. CME on Molecular and Immunodiagnostics for PTB & EPTB at Wardha, Maharashtra. | 27 th 28 th January 2014 | Delegate |
| 17 | Dr. SwarupaHatolkar | Demonstrator | One day workshop on Sanger Sequencing Vs NGS Technology at Bioera R & D Centre & training facility Tathawade, Pune | 8 th November 2014 | Delegate |

Year 2015

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|---|-----------------|-------------------|--|--|----------|
| 1 | Dr. R N Misra | Professor and HOD | CME on Psychiatric Neurosciences organized by Dr. D.Y. Patil Vidyapeeth, Pune in collaboration with Virginia commonwealth University (VCU), Dr. D.Y. Patil Medical College Pimpri. | 10 th to 11 th June 2015 | Delegate |
| 2 | Dr. D P Pandit | Professor | Invited as Chief Guest and Speaker for World TB Day Program at YCM Hospital Pimpri, Pune. Delivered a lecture on "Tuberculosis in India-Current status". | 25 th March 2015 | Delegate |
| 3 | Dr. D P Pandit | Professor | Invited for poetry recital at the 88th Akhil Bharatiya Marathi Sammelan at Ghuman, Punjab. She recited a poem on the subject of farmers' suicides | 9 th April 2015 | Delegate |
| 4 | Dr. D P Pandit | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Specimen Collection | 17 th July 2015 | Delegate |
| 5 | Dr. N R Gandham | Professor | Bioethics Training 3T Training programme DYPMC, Pimpri, Pune-18. | 3 rd to 6 th August 2015 | Delegate |
| 6 | Dr. N R Gandham | Professor | Bioethics Training 3T Training for teachers of Health Sciences, organized by | 30 th May 2015 | Delegate |

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| | | | the DPU of the UNESCO chair in Bioethics (Haifa). | | |
| 7 | Dr. N R Gandham | Professor | International forum of Teachers (IFT) Certificate of Membership | 30 th October 2015 | Delegate |
| 8 | Dr. K M Angadi | Professor | Workshop on Laboratory Data Mgmt (WHONET) Detection of Antimicrobial Resistance, AFMC Pune. | 16 th to 18 th April 2015 | Delegate |
| 9 | Dr. Neetu Gupta | Associate Professor | 12 th infectious Disease certificate course, P.D. Hinduja Hospital Medical Research Center, Mumbai, | 7 th to 12 th September 2015 | Delegate |
| 10 | Dr. R.A. Patil | Assistance Professor | 9 th Annual Conference RSSDI Maharashtra Chapter, Pune | 1 st , 2 nd & 3 rd May 2015 | Delegate |
| 11 | Dr. R.A. Patil | Assistance Professor | Rhythm Pune-Midterm ISECON 2015 | 12 th & 13 th September 2015 | Delegate |
| 12 | Dr. ShahzadMirza | Assistance Professor | Attended WHONET Workshop on “Laboratory data management and detection of antimicrobial resistance”, Bharti Vidyapeeth Deemed University Medical College, Pune | 16 th to 18 th April 2015 | Delegate |
| 13 | Dr. ShahzadMirza | Assistance Professor | MAHAMICROCON 2015 Mumbai, presented poster on Increased incidence of multidrug resistant 14 gram negative bacteria from neonatal intensive care unit of tertiary care hospital. | 9 th to 10 th October 2015 | Delegate |
| 14 | Dr. ShahzadMirza | Assistance Professor | MICROCON 2015 Pondicherry, presented poster on Nosocomial infections in the neonatal intensive care unit caused by multidrug resistant Klebsiella pneumonia. | 25 th to 29 th November 2015 | Delegate |

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| 15 | Dr. SwarupaHatolkar | Assistance Professor | National Tuberculosis Workshop- Tuberculosis Diagnostics “Lens to Genes” at Kasturba Medical College, Manipal, Karnataka. | 14-15 th March 2015 | Delegate |
| Year 2016 | | | | | |
| 1 | Dr. R.N. Misra | Professor and HOD | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29th September 2016 | Delegate |
| 2 | Dr. R N Misra | Professor and HOD | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016 | Delegate |
| 3 | Dr. R N Misra | Professor and HOD | CME Peoples health & quality of life, DYPMC Auditorium, Pimpri, Pune-18. | 21 st November 2016 | Delegate |
| 4 | Dr. D P Pandit | Professor | Delivered a guest lecture on Epidemic Viral Diseases at H. V. Desai College, Pune in a State Level Workshop on Viral Epidemics and Urban Health. | 23 rd January 2016 | Delegate |
| 5 | Dr. D P Pandit | Professor | 42th Annual Conference of Research Society of B.J Medical College, Pune | 24 th -26 th February 2016 | Delegate |
| 6 | Dr. D P Pandit | Professor | CME for Resident Doctors and Faculty of Dr. D. Y. Patil Hospital, Pimpri, on Celiac Disease, | 05 th March 2016 | Delegate |
| 7 | Dr. D P Pandit | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Specimen Collection, | 27 th April 2016 | Delegate |
| 8 | Dr. D P Pandit | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Diagnostic Modalities for Dengue | | Delegate |
| 9 | Dr. D P Pandit | Professor | IFA Workshop | 8 th -10 th June 2016 | Delegate |
| 10 | Dr. D P Pandit | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers, | 29 th September 2016 | Delegate |

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| 11 | Dr. N R Gandham | Professor | Bioethics workshop 3T Training programme, UNISCO DYPMC, Pimpri, Pune-18 | 4 th to 6 th April 2016 | Delegate |
| 12 | Dr. N R Gandham | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 13 | Dr. N R Gandham | Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016 | Delegate |
| 14 | Dr. N R Gandham | Professor | CME Peoples health & quality of life, DYPMC Auditorium, Pimpri, Pune-18. | 21 st November 2016 | Delegate |
| 15 | Dr. K M Angadi | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 16 | Dr. K M Angadi | Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 17 | Dr. S V Jadhav | Professor | 22nd Annual conference of Indian society of critical care medicine International sepsis forum, Agra, The city of Taj, | 5 th -7 th February 2016 | Delegate |
| 18 | Dr. S V Jadhav | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers, | 29 th September 2016 | Delegate |
| 19 | Dr. S V Jadhav | Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 20 | Dr. S V Jadhav | Professor | International sepsis Forum, Sepsis 2016 Agra, India Poster Presentation certificate | 6 th December 2016 | Delegate |
| 21 | Dr. C R Vyawahare | Associate Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers, | 29 th September 2016 | Delegate |
| 22 | Dr. C R Vyawahare | Associate Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 23 | Dr. C R Vyawahare | Associate Professor | CME Peoples health & quality of life, DYPMC Auditorium, Pimpri, Pune-18. | 22 nd November 2016, | Delegate |

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| 24 | DrNeetu Gupta | Associate Professor | Thyroid Symposium conducted by Endocrinology department DMH, Pune | 21st May 2016 | Delegate |
| 25 | Dr. Neetu Gupta | Associate Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers, | 29 th September 2016 | Delegate |
| 26 | Dr. Neetu Gupta | Associate Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 27 | Dr. N K Das | Assistance Professor | International workshop in “Flow cytometry ” at DYPMC, Pune | 11 th March 2016 | Delegate |
| 28 | Dr. N K Das | Assistance Professor | Attended MAHAMICROCON 2016 (IAMM State chapter) Dr. V.M. Govt. Medical College and Ashwini Rural Medical College, Solapur | 24th to 25th September 2016 | Delegate |
| 29 | Dr. N K Das | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 30 | Dr. N K Das | Assistance Professor | CME attended on “Celiac diseases” at DYPMC | 5th November 2016, | Delegate |
| 31 | Dr. N K Das | Assistance Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 32 | Dr. N K Das | Assistance Professor | CME Peoples health & quality of life, DYPMC Auditorium, Pimpri, Pune-18. | 21 st November 2016 | Delegate |
| 33 | Dr. R A Patil | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 34 | Dr. R A Patil | Assistance Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 35 | Dr. ShahzadMirza | Assistance Professor | Participated in MET Workshop “Basic course in medical education technology for Residents”, DPU, Pune. | 9 th to 16 th February 2016 | Delegate |
| 36 | Dr. ShahzadMirza | Assistance Professor | Attended- National Coordination Centre for Students’ Wings of UNESCO Chair in Bioethics, HAIFA at DPU | 17th August 2016 | Delegate |

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| 37 | Dr. ShahzadMirza | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 38 | Dr. ShahzadMirza | Assistance Professor | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 39 | Ms. Anjali Deshmukh | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 40 | Ms. Anjali Deshmukh | Demonstrator | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 41 | Ms. Deepali Desai | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on Cardiac Biomarkers | 29 th September 2016 | Delegate |
| 42 | Ms. Deepali Desai | Demonstrator | Global Webcast on Antibiotic Resistance, DYPMC Auditorium, Pimpri, Pune-18. | 16 th November 2016. | Delegate |
| 43 | Dr. SwarupaHatokar | Demonstrator | GMHS CME, Pune | 18 th – 19 th June 2016 | Delegate |
| 44 | Dr. SwarupaHatokar | Demonstrator | NABI Training “Quality Management system and Internal medical in medical labs as per ISO 15189-2012”, Ruby Hall Clinic, Pune | 10 th -13 th August 2016. | Delegate |
| 45 | Dr. SwarupaHatokar | Demonstrator | MAHAMICROCON 2016 (IAMM State chapter) Dr. V.M. Govt. Medical College and Ashwini Rural Medical College, Solapur | 23 rd - 25 th September 2016 | Delegate |
| 46 | Dr. Sopia Mukherjee | P.G. Student | MAHAMICROCON 2016 (IAMM State chapter) Dr. V.M. Govt. Medical College and Ashwini Rural Medical College, Solapur | 23 rd - 25 th September 2016 | Delegate |
| 47 | Dr. PrachiBhide | P.G. Student | GMHS CME, Pune | 18 th – 19 th June 2016 | Delegate |
| 48 | Dr. PrachiBhide | P.G. Student | CME- Tuberculosis : Journey from Phenotypic to genotypic, MAHAMICROCON 2016, Solapur | 23 rd September 2016 | Delegate |

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| 49 | Dr. Izna | P.G. Student | GMHS CME, Pune | 18 th – 19 th June 2016 | Delegate |
| 50 | Dr. Izna | P.G. Student | Workshop on Microteaching for Residents / Demonstrators | 27 th , 28 th September & 4 th October 2016 | Delegate |
| 51 | Dr. Izna | P.G. Student | DPU Pulmonary Update -2016, DYPMC, Pimpri, Pune | 2 nd October 2016 | Delegate |
| 52 | Miss. Swati Bhirange | Research Associate | CME On Infections And Sterilization In Day To Day Practices : MAHAMICROCON 2016, Solapur | 25 th September 2016 | Delegate |
| 53 | Mrs. Swati Bhirange | Research Associate | NABH Training “Quality Management system and Internal medical in medical labs as per ISO 15189-2012”, Ruby Hall Clinic, Pune | 10 th -13 th August 2016. | Delegate |

Year 2017

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|---|----------------|-------------------|---|--|----------|
| 1 | Dr. R N Misra | Professor and HOD | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 2 | Dr. D P Pandit | Professor | 43 rd Annual Conference of Research Society of B.J. Govt. Medical College and Sassoon Hospital, Pune; For Big Innovation projects by Venture Centre , NCL Pune. | 21 st to 23 rd February 2017 | Delegate |
| 3 | Dr. D P Pandit | Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 4 | Dr. D P Pandit | Professor | NABL training, Dr. D.Y. Patil Medical College Pimpri,Pune-18 | 8th to 11th November 2017 | Delegate |

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| 5 | Dr. N R Gandham | Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 6 | Dr. Kalpana M Angadi | Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 7 | Dr. Kalpana M Angadi | Professor | NABL training, Dr. D.Y. Patil Medical College Pimpri,Pune-18 | 8th to 11th November 2017 | Delegate |
| 8 | Dr. Kalpana M Angadi | Professor | CME- Pitfalls in Microbiology Reporting and ABST Testing | 28 th October 2017 | Delegate |
| 9 | Dr. Kalpana M Angadi | Professor | PUNEINFECON 2017, BhartiVidyapeeth Medical College and Hospital, Pune. | 9th to 10th December 2017 | Delegate |
| 10 | Dr. S V Jadhav | Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 11 | Dr. C R Vyawahare | Associate Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 12 | Dr. C R Vyawahare | Associate Professor | PUNEINFECON 2017, BhartiVidyapeeth Medical College and Hospital, Pune. | 9th to 10th December 2017 | Delegate |

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| 13 | Dr. Neetu Gupta | Associate Professor | Training course on “Advances in Biology of Communicable Diseases 2017” National Institute for Research in Reproductive Health, Mumbai, (Indian Council of Medical Research) | 8th May to 2 nd June 2017 | Delegate |
| 14 | Dr. Neetu Gupta | Associate Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 15 | Dr. Neetu Gupta | Associate Professor | NABL training, Dr. D.Y. Patil Medical College Pimpri, Pune-18 | 8th to 11th November 2017. | Delegate |
| 16 | Dr. Neetu Gupta | Associate Professor | PUNEINFECON 2017, Bharti Vidyapeeth Medical College and Hospital, Pune. | 9th to 10th December 2017 | Delegate |
| 17 | Dr. N K Das | Assistance Professor | Attended MET workshop, at Dr D Y Patil Medical College, Pimpri, Pune. | 3 rd to 5 th January 2017 | Delegate |
| 18 | Dr. N K Das | Assistance Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 19 | Dr. N K Das | Assistance Professor | CME on “Pitfalls in Microbiology reporting and ABST testing ” at Bharathi Vidyapeeth medical college and hospital Pune | 28th October 2017. | Delegate |
| 20 | Dr. N K Das | Assistance Professor | Attended training Programme on “Quality Management system and Internal medical in medical labs as per ISO 15189-2012” | 8th to 11th November 2017 | Delegate |
| 21 | Dr. R A Patil | Assistance Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of | 11 th October 2017 | Delegate |

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| | | | Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | | |
| 22 | Dr. R A Patil | Assistance Professor | PUNEINFECON 2017, Bharti Vidyapeeth Medical College and Hospital, Pune. | 9th to 10th December 2017 | Delegate |
| 23 | Dr. Shahzad Mirza | Assistance Professor | Participated in Training of RNTCP and daily DOTS at DPU, Pune | 13th February 2017. | Delegate |
| 24 | Dr. Shahzad Mirza | Assistance Professor | National Accreditation Board for Testing and Calibration Laboratories (NABL): Certified NABL trained microbiologist. | 24 th to 27 th May 2017 | Delegate |
| 25 | Dr. Shahzad Mirza | Assistance Professor | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 26 | Dr. Shahzad Mirza | Assistance Professor | PUNEINFECON 2017, Bharti Vidyapeeth Medical College and Hospital, Pune. | 9th to 10th December 2017 | Delegate |
| 27 | Dr. Shahzad Mirza | Assistance Professor | Training Programme on “Quality Management system and Internal medical in medical labs as per ISO 15189-2012” | 8th to 11th November 2017 | Delegate |
| 28 | Ms. Anjali Deshmukh | Demonstrator | Structure of Pre-PhD course work for biotechnology and bioinformatics | Jul 2017 to Oct 2017 | Delegate |
| 29 | Ms. Anjali Deshmukh | Demonstrator | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |

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| 30 | Ms. Deepali Desai | Demonstrator | Pre-PhD for Medical | 20 th to 24 th March 2017 | Delegate |
| 31 | Ms. Deepali Desai | Demonstrator | “Future Molecular Diagnostics in Clinical Microbiology”. The Department of Microbiology organized a Guest Lecture by Helena Enroth., Central Library Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18. | 11 th October 2017 | Delegate |
| 32 | Dr. SwarupaHatolkar | Demonstrator | ICMR Advanced centre for Evidence Based Child Health, Dr. D.Y. Patil Medical College ,Pimpri, Pune | 22 nd -23 rd February 2017 | Delegate |
| 33 | Dr. SwarupaHatolkar | Demonstrator | Workshop On Techniques in Molecular Diagnostics (Infectious & non-infectious) ,Pune | 14 th April 2017 | Delegate |
| 34 | Dr. SwarupaHatolkar | Demonstrator | NABH Training “Quality Management system and Internal medical in medical labs as per ISO 15189-2012” | 24 th -27 th May 2017 | Delegate |
| 35 | Dr. SwarupaHatolkar | Demonstrator | Certificate of Membership for life LM3017/17 | 28 th July 2017 | Delegate |
| 36 | Dr. SwarupaHatolkar | Demonstrator | 72 nd NATCON 2017, National Conference of Tuberculosis and Chest Diseases held at KIMS & RF, Amalapuram/ Riverbay Rajahmundry | 26 th October 2017 | Delegate |
| 37 | Dr. SwarupaHatolkar | Demonstrator | MICROCON 2017, 41 st Annual Conference of India Association of Medical Microbiologists, Rajendra Institute of Medical Sciences, Ranchi | 22 nd to 26 th November 2017 | Delegate |
| 38 | Dr. Sophia Mukherjee | Demonstrator | NABL Training | 8 th to 11 th November 2017 | Delegate |
| 39 | Dr. Sophia Mukherjee | Demonstrator | MICROCON 2017, 41 st Annual Conference of India Association of Medical Microbiologists, Rajendra Institute of Medical Sciences, Ranchi | 22 nd to 26 th November 2017 | Delegate |

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| 40 | Dr. Izna | Demonstrator | MICROCON 2017, 41 st Annual Conference of India Association of Medical Microbiologists, Rajendra Institute of Medical Sciences, Ranchi | 22 nd -26 th November 2017 | Delegate |
| 41 | Dr. PrachiBhide | P.G. Students | Scientific Seminar, New Delhi | 20 th September 2017 | Delegate |
| 42 | Dr. PrachiBhide | P.G. Students | PSSCON 2017, Poona Hospital and Research Center, Pune | 5 th November 2017 | Delegate |
| 43 | Dr. PrachiBhide | P.G. Students | MET workshop for Residents /Demonstrators - 2017, Dr. D. Y. Patil Medical College, Hospital and research centre Pune-411018. | 14 th to 16 th & 21 st November 2017 | Delegate |
| 44 | Dr. PrachiBhide | P.G. Students | MICROCON 2017, 41 st Annual Conference of India Association of Medical Microbiologists, Rajendra Institute of Medical Sciences, Ranchi | 22 nd -26 th November 2017 | Delegate |

Year 2018

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| 1 | Dr R N Misra | Professor and HOD | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 2 | Dr. R N Misra | Professor and HOD | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 3 | Dr. R N Misra | Professor and HOD | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 4 | Dr. R N Misra | Professor and HOD | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 5 | Dr. R N Misra | Professor and HOD | National conference of Microbiology “MICROCON 2018” at NIMHANS, Bengaluru | 28th November to 1st December 2018 | Delegate |

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| 6 | Dr. R N Misra | Professor and HOD | NABH Training | 13 th December 2018 | Delegate |
| 7 | Dr. R N Misra | Professor and HOD | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22 nd to 23 rd December 2018. | Delegate |
| 8 | Dr. D P Pandit | Professor | 44 th Annual Conference of Research Society of B.J. Govt. Medical College and Sassoon Hospital, Pune; For Big Innovation projects by Venture Centre , NCL Pune. | 22 nd to 23 rd February 2018 | Delegate |
| 9 | Dr. D P Pandit | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 10 | Dr. D P Pandit | Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture | 20 th April 2018. | Delegate |
| 11 | Dr. D P Pandit | Professor | ISO 9001-2015 training. | 24 th April 2018 | Delegate |
| 12 | Dr. D P Pandit | Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 13 | Dr. D P Pandit | Professor | NABH Training | 11 th December 2018 | Delegate |
| 14 | Dr. N R Gandham | Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 15 | Dr. N R Gandham | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 16 | Dr. N R Gandham | Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |

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| 17 | Dr. N R Gandham | Professor Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 18 | Dr. N R Gandham | Professor | NABH Training | 15 th December 2018 | Delegate |
| 19 | Dr. Kalpana M Angadi | Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 20 | Dr. Kalpana M Angadi | Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 21 | Dr. Kalpana M Angadi | Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 22 | Dr. Kalpana M Angadi | Professor | NABH Training | 15 th December 2018 | Delegate |
| 23 | Dr. S V Jadhav | Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 24 | Dr. S V Jadhav | Professor | International Conference of Antimicrobial resistance: ICAR 2018, CSIR India, and department of Biotechnology Govt. of India , at Tanjawar Tamil nadu India | 19 th to 20 th January 2018 | Delegate |
| 25 | Dr. S V Jadhav | Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 26 | Dr. S V Jadhav | Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 27 | Dr. S V Jadhav | Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |

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| 28 | Dr. S V Jadhav | Professor | Train the trainer Workshop for IQAC coordinators, DYPMC | 29 th October to 2 nd November 2018 | Delegate |
| 29 | Dr. C R Vyawahare | Associate Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 30 | Dr. C R Vyawahare | Associate Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 31 | Dr. C R Vyawahare | Associate Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 32 | Dr. C R Vyawahare | Associate Professor | ISO 9001-2015 training. | 24 th April 2018 | Delegate |
| 33 | Dr. C R Vyawahare | Associate Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 34 | Dr. C R Vyawahare | Associate Professor | The Indian Program of the UNESCO Chair in Bioethics (Haifa). Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 6th -8th December 2018 | Delegate |
| 35 | Dr. C R Vyawahare | Associate Professor | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22 nd to 23 rd December 2018. | Delegate |
| 36 | Dr. Neetu Gupta | Associate Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 37 | Dr. Neetu Gupta | Associate Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 38 | Dr. Neetu Gupta | Associate Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |

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| 39 | Dr. N K Das | Assistance Professor | Certificate of Completion 3M sm Health care Academy , Half Day seminar on Best Practices in Sterlization | 2 nd February 2018 | Delegate |
| 40 | Dr. N K Das | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 41 | Dr. N K Das | Assistance Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 42 | Dr. N K Das | Assistance Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 43 | Dr. N K Das | Assistance Professor | NABH Training | 13 th December 2018 | Delegate |
| 44 | Dr. RA Patil | Assistance Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 45 | Dr. RA Patil | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 46 | Dr. R A Patil | Assistance Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 47 | Dr. R A Patil | Assistance Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 48 | Dr. R A Patil | Assistance Professor | Workshop on Research Methodology conducted by Dr.D.Y.PatilVidyapeeth ,Pune | 4 th August 2018 | Delegate |
| 49 | Dr. RA Patil | Assistance Professor | AETCON-Participated in MET Workshop “Basic course in medical education technology for Residents”, DPU, Pune | 26-28 November 2018 | Delegate |

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| 50 | Dr. R A Patil | Assistance Professor | NABH Training | 15 th December 2018 | Delegate |
| 51 | Dr. R A Patil | Assistance Professor | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College, Pimpri, Pune-18. | 22 nd -23 rd December 2018. | Delegate |
| 52 | Dr. ShahzadMirza | Assistance Professor | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 53 | Dr. ShahzadMirza | Assistance Professor | Attended 2nd NATIONAL WORKSHOP ON HOSPITAL INFECTION CONTROL Organized by Department of Microbiology & Hospital Infection Control Committee, JIPMER, Puducherry. | 29 th January to 2 nd February 2018 | Delegate |
| 54 | Dr. ShahzadMirza | Assistance Professor | Multidisciplinary Teams for Preventing Bloodstream Infections in NICUs, Pre-CUSP workshop, Pune | March 2018 | Delegate |
| 55 | Dr. ShahzadMirza | Assistance Professor | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 56 | Dr. ShahzadMirza | Assistance Professor | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 57 | Dr. ShahzadMirza | Assistance Professor | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 58 | Dr. ShahzadMirza | Assistance Professor | HISICON 2018, XV National Conference of Hospital Infection Society India | 4 th to 6 th October 2018 | Delegate |
| 59 | Dr. ShahazadMirza | Assistance Professor | NABH Training | 13 th December 2018 | Delegate |
| 60 | Dr. ShahzadMirza | Assistance Professor | Annual Conference of Respiratory, Critical Care & Sleep Medicine. | 22 nd to 23 rd December 2018 | Delegate |

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| | | | Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | | |
| 61 | Ms. Anjali Deshmukh | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 62 | Ms. Anjali Deshmukh | Demonstrator | “Microbiome: A world within a body”. The 63Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 63 | Ms. Anjali Deshmukh | Demonstrator | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 64 | Ms. Anjali Deshmukh | Demonstrator | NABH Training | 13 th December 2018 | Delegate |
| 65 | Ms. Deepali Desai | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 66 | Ms. Deepali Desai | Demonstrator | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 67 | Ms. Deepali Desai | Demonstrator | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 68 | Ms. Deepali Desai | Demonstrator | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22nd to 23rd December 2018. | Delegate |
| 69 | Dr. S K Banik | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 70 | Dr. SwarupaHatolkar | Demonstrator | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |

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| 71 | Dr. SwarupaHatolkar | Demonstrator | ICT 2018:20 TH International Conference on Tuberculosis,London,UK | 14-15 th May 2018 | Delegate |
| 72 | Dr. SwarupaHatolkar | Demonstrator | XXIV Maharashtra Chapter Conference of IAMM, Kirshna Institute of Medical Sciences, Deemed to be University, Karad | 29 th – 30 th September 2018 | Delegate |
| 73 | Dr. SwarupaHatolkar | Demonstrator | MICROCON 2018, 42 nd Annual Conference of Indian Association of Medical Microbiologists, held in Bengaluru, Karnataka | 28 th November to 2 nd December 2018 | Delegate |
| 74 | Dr. SwarupaHatolkar | Demonstrator | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22nd to 23rd December 2018. | Delegate |
| 75 | Dr. S K Banik | Demonstrator | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 76 | Dr. S K Banik | Demonstrator | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 77 | Dr. P Katore | Demonstrator | CME for Resident Doctors of Dr. D. Y. Patil Hospital, Pimpri, on TORCH Infections | 05 th March 2018 | Delegate |
| 78 | Dr. P Katore | Demonstrator | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 79 | Dr. P Katore | Demonstrator | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 80 | Dr. P Katore | Demonstrator | Annual Conference of Respiratory, Critical Care & Sleep Medicine. | 22 nd to 23 rd December 2018. | Delegate |

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| | | | Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | | |
| 81 | Dr. S Das | Demonstrator | “Microbiome: A world within a body”. The Department of Microbiology organized a Guest Lecture. | 20 th April 2018. | Delegate |
| 82 | Dr. S Das | Demonstrator | CME on “Rational use of Antibiotics, Auditorium Dr. D.Y. Patil Medical College Pimpri, Pune-18, | 25 th June 2018 | Delegate |
| 83 | Dr. PrachiBhide | P.G.Student | XXIV Maharashtra Chapter Conference of IAMM, Kirshna Institute of Medical Sciences, Deemed to be University, Karad | 29 th – 30 th September 2018 | Delegate |
| 84 | Dr. Prachi C Bhide | P.G.Student | NABH Training | 13 th December 2018 | Delegate |
| 85 | Dr. Prachi C Bhide | P.G.Student | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22 nd -23 rd December 2018. | Delegate |
| 86 | Dr. Izna | P.G.Student | CME- “update on diagnostic clinical Virology laboratory ” and training on Automated Nucleic Extraction and Real –Time PCR, MAHAMICROCON 2018,held Kirshna Institute of Medical Sciences, Deemed to be University, KaradKarad | 28 th September 2018 | Delegate |
| 87 | Dr. Izna | P.G.Students | XXIV Maharashtra Chapter Conference of IAMM, Kirshna Institute of Medical Sciences, Deemed to be University, Karad | 29 th – 30 th September 2018 | Delegate |
| 88 | Dr. IZNA | P.G.Student | NABH Training | 13 th December 2018 | Delegate |
| 89 | Dr. IZNA | P.G.Student | Annual Conference of Respiratory, Critical Care & Sleep Medicine. | 22 nd -23 rd December 2018. | Delegate |

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| | | | Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | | |
| 90 | Miss. Swati Bhirange | Research Associate (Mol.bio.lab) | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 91 | Miss. Swati Bhirange | Research Associate (Mol.bio.lab) | Hands on Training Program in Molecular Biology,heldOmbio Technologies Pvt. Ltd, Pune | 30 th June and 1 st July 2018 | Delegate |
| 92 | Ms. Swati Bhirange | Research Associate (Mol.bio.lab) | NABH Training | 13 th December 2018 | Delegate |
| 93 | Ms. Swati Bhirange | Research Associate (Mol.bio.lab) | Annual Conference of Respiratory, Critical Care & Sleep Medicine. Auditorium, Dr. D.Y. Patil Medical College,Pimpri,Pune-18. | 22 nd -23 rd December 2018. | Delegate |
| 94 | Ms. ShradhaGheware | Research Associate | Training on GenXpert Technology and software with MTB-Rif assay (<i>Cepheid</i>) | 5 th January 2018 | Delegate |
| 95 | Ms. ShradhaGheware | Research Associate | NABH Training | 13 th December 2018 | Delegate |
| 96 | Ms. ProjyotiGaware | Lab Technicians | NABH Training | 13th December 2018 | Delegate |
| Year 2019 | | | | | |
| 1 | Dr.R.N.Misra | Professor and HOD | Curriculum Implementation Support Program Dr.D.Y.Patil Medical College Pimpri Pune | 22 to 24 April 2019 | Delegate |
| 2 | Dr. D.P. Pandit | Professor | CME on Recent Updates & Guidelines of Pediatric Tuberculosis Dr. VithalraoVikhe Patil Foundtion's Medical | 18th Jan 2019 | Delegate |

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| | | | College and Hospital, ViladGhat, Ahmednagar | | |
| 3 | Dr.SavitaV.Jadhav | Professor | 1-Day Workshop on Stress Management & Office Etiquettes | 27/04/2019 | Delegate |
| 4 | Dr.Neetu S Gupta | Associate Professor | Curriculum Implementation Support Program Dr.D.Y.Patil Medical College Pimpri Pune | 22 to 24 April 2019 | Delegate |
| 5 | Dr. Nikunja K. Das | Assistance Professor | Workshop on Theory & Practical of Problem Based Learning Dr. D.Y. Patil Vidyapeeth,Pune | 25th - 26th Jan 2019 | Delegate |
| 6 | Dr. ShahzadMirza | Assistance Professor | 6 TH National CME & Live Workshop on Audits in Infection Prevention and Control Breach Candy Hospital Trust, Mumbai | 18th - 19th Jan 2019 | Delegate |
| 7 | Dr.Deepali Desai | Demonstrator | 1-Day Workshop on Stress Management & Office Etiquettes | 27/04/2019 | Delegate |
| 8 | Dr. SwarupaHatolkar | Demonstrator | 73rd National Conference of Tuberculosis and Chest Diseases (NATCON) Hotel Centre Point, Ramdaspath, Nagpur | 5th -6th Jan 2019 | Delegate |
| 9 | Dr. SwarupaHatolkar | Demonstrator | National Symposium on "Recent advances in Modern Biology & Biotechnology 2019 Dr. D. Y. Patil Biotechnology & Bioinformatics Institute, Tathawade, Pune | 14th -16th March 2019 | Delegate |

13. Best Practices

- Hospital Infection Control Practices (HICC)
- External Quality Assurance (EQAS) Programme, EQA CBNAAT
- Methodical Sample processing for rapid diagnosis using Automations and Molecular biology.
- All lab personnel follow strict Bio-safety practices.
- Biomedical management practices strictly followed.