

CURRICULUM VITAE



Name : **Dr SK. MAHMOOD**

Address for Correspondence : Professor, Department of Botany,
Osmania University,
Hyderabad-500 007. TS., NDIA
9849602498 (M)
skm@osmania.ac.in

Permanent Address : Prof. SK.Mahmood
Village: Jupally TQ:Kalwakurthy
District: Mahboobnagar (Now Nagarkarnool)
Telangana Sate-509324.

Date of Birth : December 24, 1960

EDUCATIONAL QUALIFICATIONS

Degree	University	Subjects	Division	Year
M.Sc	Osmania	Botany (Mycol. Plant. Pathol)	First	1984
Ph.D.	Osmania	Rhizosphere microbiology	–	1988
Bioinformatics	Osmania	Advanced Diploma	First	2003

Assistant Professor : Appointed on 22. 08. 1989.

Associate Professor : Promoted on 22. 08. 1998.

Professor : Promoted on 01. 04. 2009.

Countries Visited for International Conferences:

- 1). Luebeck, Germany.
- 2). USA
- 3). Belgium
- 4). Netherlands
- 5). France
- 6). Zurich-Switzerland and
- 7). London -UK

Administrative Experience :

- 1). Principal, University College of Science, Saifabad, OU
- 2). Joint Director, PGR Centre for Distance Education, OU.
- 3). Head Department of Botany,OU Campus.
- 4). Head Department of Environmental Sciences,OU Campus

- 5). Chairman Board of studies in Botany, Nizam College ,OU
- 6). Head Department of Botany, Nizam College, OU.
- 7). Joint Co-ordinator, Bioinformatics Course, OU.
- 8). Co-ordinator, Bioinformatics Course, OU.
- 9). General Warden NRSH Hostel ,OU.
- 10). Mess Warden NRSH Hostel ,OU.

LIST OF AWARDS :

- 1). Awarded Junior Research Fellow by Council of Scientific and Industrial Research(CSIR) New Delhi .1985.
- 2). Awarded Senior Research Fellow by Council of Scientific and Industrial Research (CSIR) New Delhi .1987
- 3). Awarded Research Associate by University Grants Commission (UGC), New Delhi.1988
- 4). Awarded Young Scientist Under Young Scientist Scheme by Department of Science and Technology (DST) - New Delhi -1995
- 5). Scientist of the Year 2005.National Environmental Science Academy. New Delhi.1998
- 6). Fellow National Environmental Science Academy. New Delhi.2002.

Fields of Specialization : I) Bioinformatics and drug discovery
II) Environmental Microbiology

Research Experience : 36 years

Duties : Research & Teaching at PG / Ph.D Level

No.of Papers Published : 143 Papers Published in Reputed International Journals with Impact Factor.

No of Books Written : 2. PGRRCDE Bioinformatics Course Material
1) Genomics and Proteomics
2) Biological Databases and Sequence analysis.

Conferences Organized/ attended : Organized 2
Attended: National - 43, International - 8

Ph.D awarded : 12 Ph.D awarded

Guiding Ph.D : 5 Working

Research Projects Completed : 1 DST and 1 UGC completed.
Research Projects Ongoing : 1 UGC-MRP
Languages Known : English, Hindi, Telugu & French
Community : Minority -BC.

References:

1. **Prof.G.Bagyanarayana**, former Vice-Chancellor Palamuru University Mahaboobnagar-
2. **Prof. Mohd.Suleman Siddiqui**, former Vice-Chancellor Osmania University, Hyderabad- 500 007.
3. **Prof. S.Satyanarayana**, former Vice-Chancellor Osmania University Hyderabad- 500 007.

Scholars Awarded Ph.D (OU) :

01. Vishnu Vardhan Reddy 2007. Characterization of Polyhydroxyalkanoates accumulating bacteria from sewage sludge. Department of Botany.OU
02. Thirumala M 2008. Production Polyhydroxyalkanoates by Bacillus spp. Department of Environmental Science.OU
03. Kishore Reddy T.V.2009.Characterization of Polyhydroxyalkanoates accumulating Streptomyces spp. from soil. Department of Botany.OU
04. Rituparna Sarma 2011.In silico studies of compounds against cannabinoid receptors for the discovery of novel selective and potent compounds Department of Environmental Science.OU
05. Nagamani P 2011.Molecular characterization of Polyhydroxyalkanoates producing bacteria isolated from polluted pond. Department of Botany.OU
06. Udaychandra kumar 2012.Discovery of Novel InhA Reductase Inhibitors of Mycobacterium tuberculosis: Application of Pharmacophore and Shape-Based Screening Approach. Department of Botany.OU
07. Ravi shekar anantula 2013. Molecular Modeling Strategies in the Discovery of New Antibacterial Compounds. Department of Environmental Science.OU
08. Sreenu Babu 2004. Physico-Chemical and Biological Characterization of Ground Water Quality of Patancheru Industrial Area Dept. of Microbiology,MS University, Tamilnadu.

09. Ms.Chaitanya . 20017. Molecular characterization of PHA producing bacteria from Polluted lake. Department of Biochemistry.JNTUH Hyderabad
10. Vasundaramma J 2019.Pharmacological studies on antihyperglycemic and antioxidant activity of Acanthospermum hispidum. Dept. of Botany. Rayalaseema University, AP.
11. Naseemunnisa M. 2020.Isolation and identification of Bacteria and antimicrobial susceptibility from bovine mastitis in Kurnool, AP. Dept. of Botany. Rayalaseema University, AP.
12. Ms.Nilofar Naaz. 2021.Molecular characterization of antibiotic producing Streptomyces from soil. Department of Botany, OU

Scholars working for Ph.D degree.

13. Muttineni ravi kumar. Qsar and pharmacophore studies of Mycobacterium tuberculosis. Department of Environmental Science, OU
14. Mr.Rakesh.Production of Polyhydroxyalkanoates accumulating bacteria from Polluted soil. Department of Botany, OU.
15. Rumana Waseem. Molecular characterization of PHA producing bacteria from Soil. Department of Botany, OU.
16. Ms.Suri Sowmya. Qsar and pharmacophore studies of Mycobacterium lepre. Department of Environmental Science, OU.
17. Mr.Seshagiri Bandi. QSAR and pharmacophore studies of Mycobacterium tuberculosis. Department of Environmental Science, OU.

Research Projects completed:

- 1). Biodegradation of Polyaromatics in soil. DST.Under Young Scientist Scheme. 4.23 Lakhs. 2 years.
- 2). Protein structure modelling of Polycyclic Aromatic Hydrocarbon Degrading bacteria from soil.UGC-MRP. 5.76 Lakhs.3 Years.

Research Projects Ongoing:

1. Molecular characterization of Polyhydroxyalkanoates producing bacteria from Polluted lake.UGC-MRP.14.77 Lakhs.3 Years.

Membership of Professional Bodies:

1. Life Member IIPA New Delhi
2. Life Member ISCA India.
3. Life Member NESAI New Delhi.

4. Editorial Board member of Biological Sciences, NES A New Delhi.

Publications :

1. Mahmood SK and Renuka BR 1988. Effect of foliar sprays GA₃, MH, 2,4-D and Atrazine in the root leachates of *F.australisica*. Indian J. Weed Sci. 20(2) : 55-57.
2. Bharathi P. Renuka BR, Prasad GS, Mahmood SK and Rama Rao P 1988. Changes in soil microflora of Parthenium in response to foliar sprays. Agri. Biol. Res. 4(2) : 9-14.
3. Mahmood SK, Renuka BR and Rama Rao P 1989. Effect of foliar sprays on rhizosphere and non-rhizosphere microbes of *A. sessilis* Geobis 16 : 215-217.
4. Mahmood SK, Renuka BR, Prasad GS and Rama Rao P 1989. Effect of foliar sprays on the stomatal and epidermal cell frequency of *A. sessilis* and *A. pungens*. Adv. Biol. Res. 7(2) : 48-51.
5. Mahmood SK, Renuka BR and Rama Rao P 1987. Microbial ecology of rhizosphere and non-rhizosphere soils of Asteraceae weeds. Proc. Nat. Symp. Fungal. Ecol. pp. 51-56.
6. Bharathi P, Renuka BR, Mahmood SK and Rama Rao P 1989. Distribution of microbes in rhizosphere and non-rhizosphere soils of Asteraceae weeds and its relation to moisture, pH and organic content. Agri. Biol. Res. 15(1&2) : 5-11.
7. Mahmood SK 1990. Fusarium oxysporum causing wilt of *Alternanthera*. Geobios 9:66-67.
8. Mahmood SK 1990. Effect of herbicides on stomatal and pidermal cell frequency of Asteraceae plants. Agri. Bio. Res. 6(11) : 27-30.
9. Mahmood SK and Renuka BR 1990. Distribution of microbes in relation to moisture, pH and soil organic carbon. Agric. Biol. Res. 6(1) : 40-45.

10. Mahmood SK, Renuka BR and Rama Rao P 1987. Effect of growth regulators on biochemical changes in root exudates of *A. sessilis*. Proc. Nat. Symp. Fungal. Ecol. 119-122.
11. Mahmood SK 1990. Rhizosphere biology of *Alternanthera* spp. Geobios New Reports 9 : 149-151.
12. Mahmood SK 1990. Herbicides and rhizosphere microbes of *Flaveria* GNR 9:193-195.
13. Mahmood SK., Renuka BR and Rama Rao P 1990. Distribution of microbes in relation to NPK. Bangladesh J. Agric. Res. 14(1) : 59-65.
14. Mahmood SK 1989. Effect of foliar sprays on biochemical changes in root leachates of *A. sessilis*. Indinan J. Weed Sci. 21(3&4) : 61-62.
15. Mahmood SK 1990. Rhizosphere microbes of Asteraceae weeds IJWS 22(1&2) : 52-56.
16. Mahmood SK and Rama Rao P 1993. Herbicides and rhizosphere microbes of *Ageratum*. Indian Bot. Reporter. 11(1&2) : 57-59.
17. Mahmood SK and Rama Rao P 1993. Bacterial ecology of rhizosphere. Adv. Plant. Sci. 7(2) : 19-22.
18. Samrajyalaxmi S and Mahmood SK 1993. Herbicides and root leachates of *Alternanthera* Sp-GNR 12 : 199-200.
19. Mahmood SK and Ram Rao P 1991. Distribution of bacteria in rhizosphere soils of Asteraceae weeds and its relation to adaphic factors. IJWS 40(1&2) : 10-13.
20. Mahmood SK 1990. Biological changes in root exudates of *A. pungens* IJWS 31(1&2) : 70-72.
21. Mahmood SK 1990. Pesticides and its effect on rhizosphere biology. Geobios 18 : 43-44.

22. Mahmood SK and Rama Rao P 1992. Herbicides and microbes of Ageratum. Indian Bot. Repr. 11(1&2) : 57-59.
23. Mahmood SK and Rama Rao P 1992. Pesticides and rhizosphere biology of Ageratum Indian Bot. Repr. 1(1&2) : 57-59.
24. Mahmood SK and Rama Rao P 1993. Pesticides impact on rhizosphere microflora of parthenium sp. Indian Bot. Repr. 12(1) : 11-14.
25. Mahmood SK and Rama Rao P 1993. Microbial Abundance and Degradation of Polycyclic Aromatic Hydrocarbons in soil. Bull. Environ. Contam Toxicol 50(4). 30-35.
26. Mahmood SK and Rama Rao P 1992. Rhizosphere microbes in relation to NPK. Proc. Nat. Acad. Sci. 62(B)I : 83-88.
27. Mahmood SK, Laxmaiah Ch and Manohara Chary C 1994. Biodegradation of Carbofuran in soil. J. Environ. Pollu. 1 : 11-14.
28. Mahmood SK, Narasimha Reddy A, Samrajyalaxmi S and Rama Rao P 1993 : Pesticidal impact on rhizosphere microbes. Indian Bot. Repr. 12(1&2) : 23-25.
29. Mahmood SK and Narender Rao V 1993. Influence of NPK on soil microbial distribution. Agric. Biol. Res. 9(2) : 66-70.
30. Laxmaiah CH, Mahmood SK and Narendar Rao V 1994. Nutritional status of Nacharam Pond. Polln. Res. 13(3) : 253-258.
31. Mahmood SK and Narasimha Reddy A 1994. Bacterial ecology of rhizosphere and non-rhizosphere soils of Asteraceae weeds. Adv. Pl. Sci. 7(2) : 389-391.
32. Narendar Rao V, Rajani Rao B and Mahmood SK 1994. Biodegradation of Polycyclic Aromatic Hydrocarbons in soil. J. Environ. Polln. 1(3&4) : 105-107.
33. Narendar Rao V and Mahmood SK 1995. Nutrient status and biological characteristics of Hubsiguda Pond. J. Environ. Pollun. 2(1) : 31-34.

34. Rajani Rao B and Mahmood SK 1997. Hydrogen production by phototrophic sulphur bacteria from waste waters. A.P. H. Public Corporation. New Delhi 227-231.
35. Mahmood S K and Anila 1999. Polynuclear Hydrocarbon degradation in soil. Proc. Frontiers in Fungal Biotech & P1 Pathologen relationship. Jan. 16-18.
36. Rajani Rao B, V V Kumar, Malathi K and Mahmood SK. 2001. Impact of Heavy Metals on Hydrogen production and Nitrogenase Activities of Photosynthetic sulphur Bacteria. Ecology and Ethology of Aquatic Biota Vol.2, 212-219.
37. Mahmood SK 2002. Rhizosphere biology of *Alternanthera* spp. Agric. Biol. Res. 8(1) : 1-4.
38. Mahmood SK and Madhu Mohan Rao A 2003. Suppressive effect of soil bacteria on *Alternaria* species. Agric. Biol. Res. 9(1): 11-14.
39. *Kishore Reddy T V Narsing Rao Y B Vishnuvardhan Reddy S and Mahmood S K 2003. Extration of anti microbial compound from Allium sativum. Proc. Natl. Symp. Med. Plant. 1:48-52.*
40. Mahmood S K and Thirumala M 2004. Comparative protein modeling of *Pyrococcus furiosus* Bull. Chem. Sci. 1:61-64.
41. Mahmood S K and .Anthony Johnson A M 2004. Comparative Modelling of Recombinant Human Replication factor C having DNA Dependent ATPase Activity. Bull. Environ. Sci 1:22-27.
42. Vishnuvardhan Reddy S and Mahmood S K 2004. Actinomycetes from Alkalophilic Lake. Bull. Agric. Sci. 1:31-34.
43. Kishore Reddy T V and Mahmood S K 2004. Anti Fungal Activity of *Allium sativum* Bull. Environ. Sci. 1:17-21.
44. Mahmood S K and Surendar Reddy B 2004. Protein structure modeling of *Mycobacterium leprae*. Bull. Biol. Sci. 1:31-35.

45. Sreenu Babu I Venkat Ramana Kumar V & Mahmood S K 2004. Physico-Chemical and Biological Characterization of Ground Water Quality at Patancheru Industrial Area. *Proc. Indian Phytopath. Soc.* 1:28-31.
46. Rituparna Sarma, Sharat Sinha, Muttineni Ravikumar, Madala Kishore Kumar and Shaik Mahmood 2008. 3D-QSAR (Quantitative Structure-Activity Relationship) Studies on Urea Derivatives as Inhibitors of p38 MAP Kinase. *Internet Electron. J. Mol. Des.* 7:38-46.
47. Nataraja Sekhar Y, M Ravi Shashi Nayana ^a, Muttineni Ravikumar; and SK. Mahmood 2007. Comparative Molecular Field Analysis of Quinoline derivatives as Selective and Noncompetitive mGluR1 antagonists. *Chem. Biol & Drug Design.* 70:511-519.
48. Ravi Shashi Nayana M, Y. Nataraja Sekhar, N. Siva Kumari, S.K. Mahmood and Muttineni Ravikumar 2008. CoMFA and docking studies on triazolopyridine oxazole derivatives as p38 MAP kinase inhibitors. *European J. Med. Chem.* 43:1261-1269
49. Munuganti Ravi Shashi Nayana, Yadavalli Nataraja Sekhar, Nunna Siva Kumari and Shaik Mahmood 2007. 3D-QSAR CoMFA Study on Human Glutaminyl Cyclase Inhibitors. *Internet Electron. J. Mol. Des.* 6 (10):320-330.
50. Ravi Shashi Nayana M, Y Nataraja Sekhar, Harita Nandyala, Santhosh Kumar Bairy, muttineni Ravikumar and Mahmood SK (2008). Insight into the structural requirements of proton pump inhibitors based on CoMFA and CoMSIA studies. *J. Mol. Graphics & Modelling.* 27:233-243.
51. Nataraja Sekhar Y, M. Ravi Shashi Nayana, N. Sivakumari, Muttineni Ravikumar and S.K. Mahmood 2008. 3D-QSAR and molecular docking studies of 1,3,5-triazene-2,4-diamine derivatives against r-RNA: Novel bacterial translation inhibitors *J. Mol. Graphics and Modelling.* 26:1338-1352
52. Rituparna Sarma, Sharat Sinha, Muttineni Ravikumar, Madala Kishore Kumar, S K Mahmood 2008. Pharmacophore modeling of diverse classes of p38 MAP kinase inhibitors. *Eur J Med Chem.* 2:1-7.

53. Ravi Shekar Ananthula, Muttineni Ravikumar, Pramod Akula, Kishore Kumar Madala, S.K. Mahmood. 2008.Strategies for generating less toxic P-selectin inhibitors: Pharmacophore modeling, Virtual screening and Counter pharmacophore screening to remove toxic hits. *J. Mol.Graph. Model.* 27:546-557.
54. Reddy S.V, M. Thirumala, S.K. Mahmood, 2008. Biodegradation of Polyhydroxyalkanoates. *The Internet J. Microbiol.* 4(2):1-8.
55. Vishnuvardhan Reddy S, M. Thirumala, T.V. Kishore Reddy and S.K. Mahmood, 2008. Isolation of bacteria producing polyhydroxyalkanoates (PHA) from municipal sewage sludge. *World J.Microbiol. Biotech.* DOI: 10.1007/s11274-008-9839-7.
56. Reddy T. V. K., Shaik Mahmood, M. Mohammed Idris, and Slawomir Ciesielski 2009.*Streptomyces osmaniensis* sp. nov., a novel streptomycete from soil in South India *Int J Syst Evol Microbiol.* 60:1755-1759 doi:10.1099/ijs.0.017749-0
57. Uday Chandra Kumar, Haripriya Munipalli and Shaik Mahmood.2010.2D SAR Pharmacophore and Docking Studies of *Mycobacterium tuberculosis* Enoyl Acyl Carrier Protein Reductase Inhibitors.*J.Globl.Pharm.Tech.*2(5):73-89.
58. Rituparna Sarma, Shaik Mahmood and Muttineni Ravikumar 2009.Quantitative Structure-Activity Relationship of Indole- Carbaldehyde derivatives as cannabinoid receptor2 agonist.*Lett. Drug. Des. Discovery.*6(8):599-619.
59. Thirumala M, S V Reddy and S K. Mahmood.2010.Production and haracterization of PHB from two novel strains of *Bacillus* spp. isolated from soil and activated sludge. *J.ind.Microbiol.Biotech.*37(3): 271-278.
60. Vishnuvardhan Reddy S,M. Thirumala and S. K. Mahmood 2009.A novel *Bacillus* sp. accumulating poly (3-hydroxybutyrate-co-3-roxyvalerate) from a single carbon substrate *J.ind.Microbiol.Biotech.*36(6). 1476-5535
61. Reddy T.V.K.,Shaik Mahmood, Laskaris Paris,Y.Harish Kumar Reddy, E.M.H Wellington, and M. Mohammed Idris 2010. *Streptomyces hyderabadensis* sp. nov., a novel actinomycete isolated from soil in Andhra Pradesh, India *Int J Syst Evol Microbiol.* 61:76-80 doi: 10.1099/ijs.0.020446-0

62. Bahia malkeet, gunda shraavan, gade shwetha, Mehmood Saikh, muttineni, Ravikumar and Silakari Om. 2010. Anthranilate derivatives as TACE inhibitors: Docking based CoMFA and CoMSIA analyses. *J.Mol. Model.* 17(1):9-19
63. Swetha Gade, Shraavan Kumar Gunda, and Shaik Mahmood .2011. 3D-QSAR Studies on Furoxan-, Alkyl Nitrate-Derivatives and Related Compounds as Anti-Trypanosomatid Agents. *Internet Electron. J. Mol. Desc.* 8:430-439
64. Uday Chandra Kumar and Shaik Mahmood .2010. Identification of Potent Inhibitors of Drug-Sensitive and Drug-Resistant *Plasmodium falciparum*. *Pharmacol Online* 2: 79-98. ISSN-1827-8620
65. Sunil Kumar R, Uday Chandra Kumar, B. Rajini, and Mahmood Shaik. 2010. Climate Change and its Influence on Photosynthetic Bacterial Blooms. *Pharmacol. Online* 2: 471-474. ISSN-1827-8620.
66. Uday Chandra Kumar R and Mahmood S K. 2010. 3-D QSAR COMSIA Models of pyrrolidine Carboximides for prediction of enoyl acyl carrier protein reductase inhibitory activity. *Intl.J.Pharm.Sci.* 2(2):115-131.
67. Uday Chandra Kumar R and Mahmood S K. 2010. Overall Survival rate in Breast Cancer patients treated with 5-Fluorouracil: a Review of Randomized Clinical Trials. *Intl. J. Pharm. Biomed. Res.* 1(4):132-135
68. Uday Chandra Kumar R and Mahmood S K. 2010. 3-D Qsar comsia Models of Arylamides for Prediction of Enoyl acyl carrier protein reductase Inhibitory Activity. *J.Pharm.Sci.Tech.* 3 (1): 536-542
69. Uday Chandra Kumar and Mahmood Shaik. 2010. 3-D Qsar comfa models of Pyrrolidine carboxamides for prediction of enoyl acyl carrier protein reductase inhibitory activity. *Pharmacol.online* 3: 506-522.
70. Uday Chandra Kumar and Shaik Mahmood 2010. Identification of new compounds against isoniazid target of *Mycobacterium tuberculosis*. *Pharmacol.Online* 3: 177-185.
71. Uday Chandra Kumar R and Mahmood S K. 2010. 3-D Qsar comsia models of pyrrolidine carboxamides for prediction of enoyl acyl carrier protein reductase inhibitory activity. *Intl.J.Pharm.Sci.* 564-580.
72. Uday Chandra Kumar R and Mahmood S K .2011. Structure and analogue based drug designing using inha inhibitors. *Intl. J. Univ. Pharm. Life Sci.* 1(2) : 98-128

73. Mahmood S K and Uday Chandra Kumar R .2011.Homology /Comparative Modeling of Glutathione S-Transferase. Intl.J.Univ.Pharm. Life Sci. 1(2): 17-35
74. Mahmood S K and Uday Chandra Kumar R .2011.Molecular docking studies on HIV protease inhibitors.Intnl. J.Univ. Pharm. Life Sci.1(2): 72-97
75. Mahmood S K and Uday Chandra Kumar R.2011.3D-QSAR Studies on HIV protease inhibitors using comfa and comsia.Intnl. J.Univ. Pharm. Life Sci.1(2): 36-71.
76. Mahmood S K and Uday Chandra Kumar R .2011.3-D QSAR COMFA, COMSIA and Docking Studies on novel Tartarate based TNF –Alfa converting enzyme (TACE) inhibitors. Intl. J.Univ. Pharm. Life Sci.1(1):40-64.
77. Mahmood S K and Uday Chandra Kumar R .2011.3D-QSAR COMFA, COMSIA& DOCKING Studies on aryl sulfonyl piperazine derivatives as 5-HT 6 receptor ligands.Intnl. J.Univ. Pharm. Life Sci.1(1): 65-85.
78. Shravan Kumar Gunda, Shaik Mahmood.2011. Comfa Comsia and Molecular Docking Studies of Antioxidant Chromone Derivatives. Pharm.online 2: 685-700.
79. Shaik Mahmood, Uday Chandra Kumar R, Shaik Ayub 2011.3D-Qsar comfa, comsia studies on pyrazole-fused azadecalins derivatives as selective glucocorticoid receptor antagonists.Pharm. Sci. Mon. 2027-2055
80. Shaik Mahmood, Uday Chandra Kumar R, Shaik Ayub 2011. Structure activity relationships of novel piperazines as antagonists for the melanocortin-4 receptor. Pharm. Sci. Mon. 2056-2078.
81. Shaik Mahmood, Uday Chandra Kumar R, B. Rajani and Pammi Nagamani. 2011. 3D-Qsar and comfa comsia and docking studies on aminopyrimidine IKK2 inhibitors. Pharm. Sci. Mon 1907-1937.
82. Shaik Mahmood, Uday Chandra Kumar R, B. Rajani and Pammi Nagamani. 2011. Quantitative structure activity relationships of MAP kinase inhibitors. Pharm. Sci. Mon.1952-1979.

83. Pammi Nagamani and Shaik.Mahmood.2011.Synthesis of SCL-LCL-PHA Co-Polymer from Starch by *Pseudomonas aeruginosa* OU67 Isolated from Polluted Water. *Pharma.online* 3: 935-943.
84. Shaik Mahmood and Pammi Nagamani.2011.Screening of bacteria accumulating Polyhydroxyalkanoates from polluted water. *Pharma.online* 3: 944-955.
85. Uday Chandra Kumar and Shaik Mahmood.2011. Identification of Novel and Potent Inhibitors Against Inha Reductase of *MycobacteriumTuberculosis* Through a Ligand-based Virtual Screening Approach.*Adv. Nat. Appl. Sci.* 5(1): 58-63.
86. Uday Chandra Kumar* and Mahmood Shaik .2011.3-D Qsar comfa model of arylamides for prediction of enoyl acyl carrier protein reductase inhibitory activity. *Deccan J. Med. Chem.* 2(3):1-14.
87. Bahia malkeet Singh, Sukhbeer Chand ,Gunda shravan, Gade shwetha, Mahmood Shaik and Silakari Om.2011.Comfa and comsia analysis of Highly selective pipecolic acid based TNF-a Converting Enzyme (TACE) Inhibitors Using Docked Conformations for Molecular Alignment.*lett. Drug. Discovery.*8(5):1-11.
88. Rahel Ratnakumari Y,A. Nagamani, S. Bhramaramba, R. Sunil kumar, Uday Chandra Kumar, Mahmood Shaik.2011. Non-volatile and Volatile Metabolites of Antagonistic Trichoderma Against Collar Rot Pathogen of Mentha Arvensis. *Adv.Nat. Appl.Sci* 5(1): 55-57.
89. Sunil kumar R, B. Rajani, R. Uday Chandra kumar, Mahmood Shaik, M. Vanaja, M. Uma Devi.2011. Isoation of photosynthetic sulfur bacteria from the soil samplesof elevated CO₂ chambers. *Int J Pharm Pharm Sci.*,2011.3(3):86-88.
90. Uday Chandra Kumar¹, Shaik Mahmood¹ 2011.Identification novel and potent inhibitors against inhA reductase of Mycobacterium tuberculosis through a ligand based virtual screening approach.*Inl.J.Pharma Res. Devel.* 2:187-194.
91. Pramod AP ,Sivasish Sindiri,Ravisashi nayana,Santhosh kumar Bairy,Ravi sekar anuntula,Ravi kumar muttineni,Madala Sri vidya,M kishore kumar and Shaik Mahmood.2011. H3Receptorantagonist:Pharmacore modelingand its implications. *Lett.Drug. Discovery.*6:585-594.
92. Rahel Ratnakumari Y, A. Nagamani, S. Bhramaramba, R. Sunil kumar, Uday Chandra Kumar, Mahmood Shaik.2011. Non-volatile and volatile metabolites of

- antagonistic trichoderma against collar rot pathogen of mentha arvensis. *Int. J. Pharm. Biomed. Res.* 2(2): 56-59.
93. Ravi sekar anuntula and Shaik Mahmood.2011.3D-QSAR and pharmacore modeling of Staphylococcus aureus phenylalanyl t-RNA synthetase(Phe-RS) inhibitors. *J.Pharm.Res.*4(7):2425-2431.
 94. Ravi sekar anuntula,Ravi kumar muttineni, Shaik Mahmood and MNS Pavan Kumar 2012.Insight from ligand and structure based methods in virtual screening of selective Ni-peptide deformatase inhibitors. *J.Mol.Model.*18:693-708.
 95. Swetha Gade and Shaik Mahmood.2012.3D-Qsar studies on diverse set of Heterocyclic MMP inhibitors. *Intl.J.Pharm.Life Sci.*3(7):1819-1827.
 96. Shravan Kumar Gunda,Rohit kumar and Shaik Mahmood.2012. 3D Qsar Comfa Comsia and docking studies on azole dione derivatives as anti cancer inhibitors. *Int.J.Comp.Biol.Drug.Design.*5(2):111-136.
 97. Pammi Nagamani and Shaik Mahmood.2012.Characterization of scl-co-mcl by Bacillus sp OU35. *Int J Pharm Bio Sci.* 3(4):695 -706.
 98. Rohith Kumar A, Shravan Kumar G and Mahmood SK.2012. A Structure-Based 3D-QSAR and Docking Studies on a Series of Indolealkanoic Acid Derivatives as Diabetes Mellitus Inhibitors. *Int J PharmTech Res.* 4(1):73-83.
 99. Shravan Kumar G, Rohith Kumar A, Sri Ramya tata and Mahmood SK.2012. Structural investigations of CXCR2 receptor antagonists by CoMFA, CoMSIA and flexible docking studies. *Acta Pharm.* 62:287–304.
 100. Pammi Nagamani and Shaik Mahmood.2013. Production of polyhydroxybutyrate-co-3-hydroxyvalerate by a novel Bacillus OU40^T from inexpensive carbon sources. *Int.J Pharm Bio Sci.*4(1):182 – 193.
 101. Ravi sekar anuntula and Shaik Mahmood.2013. CoMFA and CoMSIA 3D-QSAR Studies on Phenyl Ethanolamine Derivatives as Inhibitors of *Staphylococcus aureus* Phenylalanyl tRNA Synthetase. *Bio.Med.Res.*(Press).
 102. Ravi sekar anuntula, Swetha Gade and Shaik Mahmood.2013. Three-Dimensional quantitative Structure activity relationship and comfa of cyp450 enzyme system inhibitors. *J.Pharm.Sci.Monitor* 4(2):3890-3913.

103. Uday Chandra Kumar, BVS Sunil Kumar, Shaik Mahmood, Sriram D, Prashanta kumar Sahu, Sridevi pulakanam, Luis Ballell, Daniel Alvarez Gomez, Sidharth Malik and Sarma JARP. 2013. Discovery of Novel Inha reductase Inhibitors: Application of pharmacophore and shape based screening approach. *Future. Med.Chem.* 5(3):249–259
104. Sandeep Kumar Mulukala Narasimha, Shravan Kumar Gunda and Mahmood Shaik. 2013. Comparative modeling of Rab6 proteins: identification of key residues and their interactions with guanine nucleotides. *J.Mol.Mod.* 19(4): 1891-1900.
105. Shravan Kumar Gunda, Sudheer Vundemodalu and Shaik Mahmood. 2013. 3D QSAR studies on furoxan-, alkyl nitrate-derivatives and related compounds as anti-trypanosomatid agents. *Int.J. Pharma.Biomed.Sci.* 4(2):509-521.
106. Shravan Kumar Gunda, Adi Mahalakshmi Madasu and Mahmood Shaik. 2013. Molecular Modelling and Docking Studies of Human Blood Coagulation Factor-XIII A Protein. *Int.J. Pharma. Biomed. Sci.* 4(2):647-655.
107. Chaitanya K, Nagamani P and Shaik Mahmood. 2013. Production of exopolysaccharide and Polyhydroxybutyrate by newly isolated *Bacillus AP03* from industrial effluents. *Int J Pharm. Bio. Sci.* 4(2): (B) 404 – 414.
108. Shravan Kumar Gunda, Sandeep Kumar Mulukala Narasimha, Adi Maha Laxmi Madasu, Shaik Mahmood. 2013. 5-HT₇ receptor ligands: A 3D-QSAR CoMFA and CoMSIA analysis of Quinazolinone derivatives. *Int. J. Pharm. Sci. Rev.Res.* 22(1): 84-91.
109. Chaitanya K, Mahmood SK, Rana Kausar and Sunilkumar N. 2014. Biotechnological Production of Polyhydroxyalkonates by Various Isolates (A Review). *Ind.J.Pharm.Sci.Inv.* 31:01-11.
110. Chaitanya K, Mahmood SK, Rana Kausar, Sunil kumar N. 2014. Polymer producing bacteria showing siderophore activity with chrome azurol S (CAS) agar plate assay. *Int. J.Sci. Res.* 4 (12): 11-13.
110. Shravan Kumar Gunda, Sandeep Kumar Mulukala Narasimha, Mahmood Shaik. 2014. p56^{lck} kinase inhibitor studies: A 3D QSAR approach towards designing New Drugs from Flavonoid derivatives. *Int. J.Comp. Biol and Drug Design.* 7(2-3): 278-294.

111. Shravan Kumar Gunda, Sofia Florence Kongaleti, Mahmood Shaik.2015. Natural Flavonoid Derivatives as Oral Human Epidermoid Carcinoma Cell Inhibitors. *Int J Comput Biol Drug Des.* 8 (1): 19-39.
112. Shravan Kumar Gunda, Salwa Shaik, Sharada Durgam, Mahmood Shaik.2014. The application of a 3D-QSAR Approach for 7-(4H-1,2,4-Triazol-3-yl)benzo[c][2,6] naphthyridine Derivatives as PIM – 1 Inhibitors., *Int. J. Pharm. Sci. Rev. Res.* 29(1): 184-190.
113. Shaik Salwa, **SK.Sania** and Deepa Rani (2014).An Artificial Neural Networks Model to Improve the Performance Index of the Mass Transfer in Tube Flow.*Inl.J.Adv.Soft. Comp.Tech.***4(1):**65-74.
114. Shravan Kumar Gunda, Sri Swathi Mutya, Sharada Durgam, Vijaya Lakshmi Lokirevu, Mahmood Shaik 2015.Three-Dimensional Quantitative Structure Activity Relationship Studies on Diverse Structural Classes of Natural Flavonoidsas AMV and HIV Reverse Transcriptase Inhibitors using CoMFA and CoMSIA. *Int.J.Pharm.Sci.Res.* 6(4): 1517-1527.
115. Shravan Kumar Gunda, Sri Swathi Mutya, Sharada Durgam, Swarna Adepu, Mahmood Shaik 2015. Application of 3D QSAR CoMFA/CoMSIA and In Silico Docking Studies on Potent Inhibitors of Interleukin-2 Inducible T-cell (ITK) . *Int. J. Pharm. Sci. Rev. Res.* 30(1): 28-34
116. Shravan Kumar Gunda, Suchitra pasula, Venu Gurram, Mahmood Shaik 2015. 3D QSAR and In Silico Docking Studies of Natural Flavonoid Derivatives as Acetylcholinesterase Inhibitors.*Int. J. Pharm. Sci. Rev. Res.* 30(1),: 61-68 .
117. Kumar Gunda, Lokesh Kumar Akula, Salwa Shaik, Seshagiri Bandi, Mahmood Shaik 2015.Molecular Docking and 3D QSAR Analysis Studies of MMP-12 Inhibitors. *Int.J.Pharm. Sci.Res.* 6(5): 2019-2027.
118. Shravan Kumar Gunda, Mahalaxmi Rajaboina, Mahmood Shaik.2015.3D QSAR CoMFA CoMSIA and In Silico docking studies on natural flavonoid inhibitors against cancer. *Int.J.Comput.Bio.Drug Des.* 16 (3), 263-285.
119. Shravan Kumar Gunda, Madhavi Yellikanti, Vijaya Lakshmi Lokirevu, Sri Swathi Mutya, Mahmood shaik.2015.In silico analysis of structural requirements for Thiophene derivatives against Polo like Kinase - 1 (PLK1). *Int.J.Pharm. Pharmaceut. Sci.* 7(6): 203-213,

120. Chaitanya K, Mahmood SK, Mohammed Idris.2015. Isolation, molecular characterization and Polyhydroxyalkanoate producing Noval *bacillus sp.*, SKM7^T from polluted Pond water. BBJ.17999. 8 (3): 1-9.
121. Chaitanya K, Nagamani P, Mahmood SK .2015. Isolation, molecular characterization and PHA production by a noval *bacillus sp.*, SKM155 from polluted water. Int J Pharm Bio Sci. 6 (3): (B) 22-30.
122. Chaitanya K, Nagamani P, Rana Kausar, Mahmood SK .2015. A study on polluted water pond: Water profiling and screening of PHA producing bacteria. Arch. App. Sci. Res. 7 (5): 32-38.
123. Chaitanya K, Nagamani P, Mahmood SK, Sunil kumar N .2015. Polyhydroxyalkanoate producing novel *bacillus sp.*, SKM11 isolated from polluted pond water. Int.J.Curr.Microbiol.App.Sci. 4(6).
124. Nagamani P, Chaitanya K, Mahmood SK (2015) Bacterial profile and isolation of PHA producing bacteria from Uppal Lake, India. Int J. Curr. Microbiol. App. Sci.4(6):
125. Nagamani P, Chaitanya K, Mahmood SK .2015. Production, Inexpensive cultivation and Optimization of copolymer biosynthesis by *Brevundimonas sp* OU6T from rice bran. Int.J.Curr.Microbiol.App.Sci. 4(6): 960-969.
126. Nagamani P, Chaitanya K, Mahmood SK (2015) *Serratia marcescens* OU50T sp.nov., a cellulose and pha producing bacterium isolated from polluted water. Int. J.Env. Bio. 5(2): 32-36.
127. Shravan kumar gunda, Vijayalakshmi lokirevu, Shyamasundara chary, Rudroju, Swathi mutya and Mahmood shaik.2015.In silico analysis of structural requirements for thiophene derivatives against polo like kinase-1(plk-1). Int. J. Pharm.Pharmceut. Sci. 7(6):203-213.
128. Jaheer Mohmed, Ranjith Reddy Palreddy, Shravan Kumar Gunda, Divya Jyothi Purohith and Mahmood Shaik.2016. Quinazolinone Derivatives as Growth Hormone Secretagogue Receptor Inhibitors: 3D-QSAR study. Int. J.Chem.Tech.Res. 9(5): 896-903.
129. SK.Mahmood and K.Chaitanya 2016. Polyhydroxyalkanoate producing Novel *bacillus Sp.*,SKM123 isolated from polluted pond water.J.Env. Res.Dev(Press).

130. Naseemunnisa M, S.K.Mahmood and M. Silar Mohammed. 2017. Determination of Bovine Mastitis in Cows by Considering the Different Parameters Like Lactation, Age, Breed, Quarters, Herd, and Season Wise in Kurnool, A.P. IJSRSET.3(1):351-355.
131. Naseemunnisa M, S.K.Mahmood and M. Silar Mohammed.2017. Isolation and identification of Bacteria and antimicrobial susceptibility from Bovine mastitis in Kurnool,AP.IJSART.3(1):155-158.
132. Vasundaramma J, S.K.Mahmood.2018.Effect of ethyl acetate extract of *Acanthospermum hispidum* DC. on regulation of lipid metabolism in diabetic induced rats. Int.J.Sci.Res.7:453-454.
133. Vasundaramma J, S.K.Mahmood.2018.Validation of anti oxidant property of *Acanthospermum hispidum* DC. In control and streptozotocine induced diabetic rats.Global J. Res.Anaysis.7:314-316.
134. Sahaja Thippani, Kamala Dorathy Priya S, Rumana Waseem, Seshagiri Bandi, Mahmood Shaik.2018. Molecular Modelling and Docking Studies of Natural Compounds against Pachytene checkpoint protein 2 homolog. Intl.J. Pharm.Biol Sci 8(3):1174-1184.
135. Meghna Somayajulu Kolluri, Shravan Kumar Gunda, Mahmood Shaik.2018. In Silico studies towards exploring potential anticancer activity of selected flavonoids against TNF- α induced protein 8. Intl.J. Pharm.Biol Sci (IJPBS).
136. Sahaja Thippani, Kamala Dorathy Priya S, Rumana Waseem, Seshagiri Bandi, **Mahmood Shaik.2018.** Molecular Modelling and Docking Studies of Natural Compounds against Pachytene checkpoint protein 2 homolog. IJPBS.
137. Meghna Somayajulu Kolluri, Shravan Kumar Gunda, **Mahmood Shaik.2018.** In Silico studies towards exploring potential anticancer activity of selected flavonoids against TNF- α induced protein 8. International Journal of Pharmacy and Biological Sciences (IJPBS).
138. Apurva N Dhavale, Sivani Medavaram, Shravan Kumar Gunda, **Mahmood Shaik.2018.** In Silico studies on 5-hydroxytryptamine receptor 1A: Modelling And Docking studies. International Journal of Pharmaceutical & Biological Archive.IJPBA 10(1);43-51.
139. Karan S Kariat, Shravan Kumar Gunda, Naga Harini P, **Mahmood Shaik.2019.**

Modelling and docking studies on natural compounds against Parkinson's disease. *Intl.J Pharm. Phytopharma. Res* 9:1-10.

140. Shivani Patel, Seshagiri Bandi, Shravan Kumar Gunda, **Mahmood Shaik**.2019. In silico modelling and docking studies on MSRA protein. *International Journal of Pharmaceutical & Biological Archive (IJPBA)* 10(1):52-59.
141. Shruthi Boddupally, Shravan Kumar Gunda, **Mahmood Shaik**.2019. In Silico predictive studies of Histamine H2 receptor protein binding using homology modelling and molecular docking. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences (RJLBPCS)*5(2):500-514.
142. Shivani Patel, Seshagiri Bandi, Shravan Kumar Gunda, **Mahmood Shaik**.2019. Analysis of Tubulin beta-4A chain role in cerebral atrophy: An in silico study. *Research Journal of Life Sciences, Bioinformatics, Pharmaceutical and Chemical Sciences. RJLBPCS* 5(2):449-461.
- 143 Vamshi Venkat. M, Shravan Kumar Gunda, Sharada Durgam, **Mahmood Shaik**. 2019. Molecular modeling of Metalloredutase STEAP2 Protein and docking interaction studies an in silico study. *Intl.J. Pharm.& Biological Archive (IJPBA)*. IJPBA_1744_19.
- 144 Keertana Prasad,sunitha Rani Routhu,Ganesh kumar C,Sravan kumar Gunda and Mahmood shaik2019.Homology Modelling and molecular docking studies of 10 proteins of different species.*Int.J.Pharma.Invest.*9(4):154-157.
- 145 Vamshi Venkat,Shirisha k,Ganesh kumar C,Vamshi Krishna E,Sunil Misra ,Sravan Kumar Gunda and Mahmood Shaik.2020.Template based in silico studies on liposacharide-Binding proteins.*Int.j.pharma.Res.*10(2):1-9.

Communicated :

146. Vijayendar Venepally, Sirisha K, Ganesh Kumar C, Vamshi Krishna E, Sunil isra, Shravan Kumar Gunda, **Mahmood Shaik**. Synthesis, biological evaluation and molecular docking studies of novel undecenoic acid-based triazolothiadiazole derivatives. *European Journal of Medicinal Chemistry*.

147. Vijayendar Venepally, Sirisha K, Ganesh Kumar C, Vamshi Krishna E, Sunil Misra, Shravan Kumar Gunda, **Mahmood Shaik**. Synthesis, biological evaluation and molecular docking studies of 3,6-dialkylsubstituted-[1,2,4] triazolo [3,4- b][1,3,4]thiadiazoles. *Bioorganic & Medicinal Chemistry Letters*.
148. Vijayendar Venepally, Sirisha K, Shravan Kumar Gunda, **Mahmood Shaik**, Ganesh Kumar C. Synthesis, antimicrobial evaluation and molecular docking studies of a series of ethyl 1-ethyl-6-fluoro-7-(4-fatty alkyl piperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylate derivatives. *Europ. J. Med.Chem.*
149. Shravan Kumar Gunda, Jaheer Mohmed, Mahmood Shaik. Chemical constituents of the plant Genus *Ambrosia*. *The Natural Products Journal*. The Natural Products Journal. (ABS-Shravan Kumar Gunda-CMC-NPJ-17-500.)
150. Vamshi Venkat. M, Shravan Kumar Gunda, Seshagiri Bandi, **Mahmood Shaik**. Template based in silico studies on Lipopolysaccharide-binding protein. *International Journal of Pharmaceutical Research. (IJPR)*

Conference/Workshops Organized:

1. National Conference on Bioinformatics Drug Discovery and Microbial Technology. Bioinformatics, PGRRCDE,OU.22.12.2014 to 24.12.2014. Organizing Secretary: Dr SK.Mahmood Dept. of Botany,Nizam College.OU
2. National Workshop on Bioinformatics Drug Discovery. Bioinformatics, PGRRCDE,OU. 26.12.2014 to 31.12.2014. Organizing Secretary: Dr SK.Mahmood Dept. of Botany,Nizam College.OU

Participation & Presentation of Papers in Conferences / Workshop etc:

1. International conference on research in plant sciences and its relevance to future. 7-11, March 1988, Dept of Botany, University of Delhi, India. Effect of foliar application on rhizosphere microbes and microbial biomass .
2. 40th Annual General Body Meeting held at (I.P.S) A.R.S. Durgapura, Jaipur, 14-16 March, 1988. Paper : *Parthenium* and its rhizosphere biology.
3. The Zonal council meeting of I.P.S. at Osmania University, Hyderabad during the month of October 1989. Paper : Heavy metal toxicity on Pathogenic fungi of *Fusaria*.
4. National Botanical conference conducted by Dept. of Botany, Osmania University, Hyderabad during the year 1985.

5. Seminar on research on plant sciences conducted by Anwar-ul-uloom educational society during the year 1986.
6. National symposium on “Fungal ecology in relation to human welfare” conducted by O.U. Dept. of Botany from 28-30 Nov. 1987.
Papers: 1) Herbicides and rhizosphere microbes of *Alternanthera sessilis* R.Br.
2) Microbial distribution and its relation to N.P.K.
7. Workshop on edible mushrooms conducted by DRS-(UGC) in Botany, O.U., Hyderabad during May – June 1990.
8. Workshop on fungal ecology, conducted by DRS – (UGC) in Botany, O.U., Hyderabad, during 8-10 December, 1990.
9. 42nd Annual General Body Meeting (I.P.S) held at SVU, Tirupati, 14-16th January, 1990.
10. Workshop on Mycotoxins conducted by SAP Programme, Botany, O.U. 28-2-93 to 2-3-93.
11. Pesticide residue analysis training programme, at National Plant Protection Training Institute, Ministry of Agriculture from 1.10.91 to 31.12.91
12. National Symposium of Plant Sciences, A.V. College, 1994.
13. National Symposium in Mycology & Microbiology, SAP-Programme, Dept. of Botany, O.U. 1995.
14. Underwent training of preservation of microbial techniques at IMTECH Chandigarh and NCL, Pune during October and November, 1995.
15. International Symposium “Strategies for exploiting Biotechnology Potentials” CPMB during November, 28-30.1995.
16. National Symposium on fungal diversity. 12-13th July 1997. at Dept. of Botany. Osmania University, Hyderabad.
17. International Conferences on frontiers in fungal Biotechnology and Plant Pathogen relations. January 16-18, 1999 at Dept. of Botany, Osmania University.
18. National Workshop on Methods of rDNA Technologies. February 22 – March 2, 2001. Centre for Plant Molecular Biology, Osmania University.
19. Orientation course at Academic Staff College, Osmania University. 29-10-01 to 7-11.2001.
20. Refreshery course in Biotechnology, Academic Staff College, Osmania University, 3-6-2002 to 24-6-2002.
21. Refreshers course in plant sciences. 20-8-02 to 9-9-02. Academic Staff College, University of Hyderabad.
22. National Symposium on Plant Pathogens diversity in relation to Plant Health. Jan. 16-18, 2003.

- Proceedings of National symposium on medicinal plant 2003 Paper presented on Extration of anti microbial compound from Allium
23. National Symposium on Plant Biology and Biodiversity in Changing Environment. New Delhi. December 29-31-03. Paper: Protein Structure Modelling of Bacillus megaterium.
 24. Proceedings of Indian Phytopathological Society. December, 29-31. 2004. Presented paper on Physico-Chemical and Biological Characterization of Ground Water Quality at Patancheru Industrial Area
 25. International Workshop on Recent Trends in Environmental Sciences. National Environmental Science Academy. New Delhi. April 24-26-04. Paper: Protein Structure of Mycobacterium leprae.
 26. International Conference on Biotechnology and Genetics. Dept of Genetics, Osmania University. 08-01-06 to 10-01-06. Characterization of PHA.
 27. Indian Science Congress Association. ANGRAU Hyderabad. 03-01-06 to 07-01-06.
 28. International workshop on Bioinformatics and Drug discovery. Centre for Biotechnology. University of Hyderabad. Dec. 26-19, 2007.
 29. International Conference on Bioinformatics and Drug discovery. Centre for Biotechnology. University of Hyderabad. Dec. 20-22, 2007.
 30. National Symposium on Perspectives of Genomics and Proteomics. Department of Genetics, OU. Dec. 30 – 31, 2008.
 31. National Seminar on Recent Advances in Molecular Microbiology & Microbial Technology. Department of Microbiology, Kakatiya University, Warangal. January 22-24, 2009.
 32. Tripose Work shop at IISc. Bangalore. 10.5.2010 to 11.5.2010.
 33. A one day Symposium on Platinum performances in Life Sciences. Mekaster Auditorium. Osmania University. By Jupiter Biosciences Inc. USA. 2011.
 34. International conference on climate change. Hotel Fortune Manohar, Begumpet. By Osmania University .December 9-11, 2010. Isolation of Photosynthetic Bacteria From The Soil Samples of Elevated CO₂ Chambers. Poster Presentation.
 35. National Conference on Recent Advances in Chemical Research (NCRACR-2009). Osmania University, Hyderabad .Pharmacophore and docking studies of Anthrax Lethal factor inhibitors. Feb-2009. Poster Presentation.
 36. Current Trends in Pharmaceutical Science. Birla Institute of Technology & Science, Pilani, Hyderabad. Discovery of Novel InhA Reductase Inhibitors. Nov-2011, Poster Presentation.
 37. International conference on Recent advances in Drug discovery. Kakatiya University, Warangal. The identification of novel and potent inhibitors against

- InhA reductase of *Mycobacterium tuberculosis* through a ligand-based virtual screening approach. Oct-2010. Poster Presentation. *Received Best Poster Award*.
38. One day workshop on Science in Urdu: Challenges and Prospects. 29.03.12. Moulana Azad National Urdu University, Gachibowli, Hyderabad.
 39. International Conference on Nano bio material sciences. Dept. of Physics, OU Jan 8-10, 2014.
 40. National Conference on Bioinformatics Drug Discovery and Microbial Technology. Bioinformatics, PGRRRCDE, OU. 22.12.2014 to 24.12.2014.
 41. National Workshop on Bioinformatics Drug Discovery. Bioinformatics, PGRRRCDE, OU. 26.12.2014 to 31.12.2014.
 42. International conference on environment and research. Luebeck, Germany. 27.07.2016 to 28.07.2016
 43. Seminar on Science and technology in higher education. Nizam college, OU. 39.08.2016.

I. The Following Events Conducted as Chief vigilance officer/ Camp officer/ Chief Coordinator

1. Hyderabad Traffic awareness Programme-2017 on 21st August, 2017 at 1:00 P.M in Seminar Hall.
2. Workshop on “Soft Skills and Resume Preparation” on 14-15th September, 2017 from 2:00 P.M – 5:00 P.M at Seminar Hall, P.G. Block.
3. An Extension Lecture on “Ragging and its Consequences” by Station House Officer, Saifabad Police Station on 19th September, 2017 at 12:30 P.M at Seminar Hall, P.G. Block.
4. Elocution and Debate Competitions On 27th October, 2017 at 11:00 A.M at Seminar Hall, P.G. Block.
5. Mega Recruitment Drive on 24th February, 2018.
6. Motivational Lecture on “Stress Management and Benefits of Positive Thinking” by Ms. BK. Sumalatha on 9th March, 2018 at 11:00 A.M at Seminar Hall.
7. Memorial Lecture in the “Memory of Dr. Stephen Hawking” on 21st March, 2018 at 11:00 A.M at Seminar Hall.

8. Lecture on “Women Health” and Health Camp by Dr. Jaya, Associate Professor, Government General Hospital, koti on 29th March, 2018 at 10:00 A.M at Seminar Hall, P.G. Block.
9. Foundation Stone Laying Ceremony of College Boys Hostel on 8th June, 2018 at 9:30 A.M.
10. Celebration of 4Th International Day of Yoga on 21st June, 2018 at 10:00 A.M.
11. Special Recruitment Drive in Collaboration with GHMC on 10th July, 2018 from 9:30 A.M to 5:00 P.M.
12. An “Induction Programme” for B.Sc. First Year students on “Personality Development” by Prof. Rani Rajitha Madhuri on 24th July, 2018 at 10:30 A.M.

II. The following is the list of University Examinations/Competitive Examinations conducted from 18-08-2017 to 18-08-2018 at University College of Science, Saifabad, Osmania University, Hyderabad, as Chief Superintendent.

S.No.	NAME OF THE EXAMINATION	DATE	MONTH/ YEAR	ORGANISATION/ UNIVERSITY
1.	M.C.A Examinations	10-08-2017 To 29.08.2017	August, 2017	Osmania University
2.	National Productivity Council(NPC)	20-08-2017	August, 2017	NPC
3.	National Productivity Council(NPC)	24-09-2017	September, 2017	NPC
4.	Telangana State Public Service Commission Examination	29-10-2017	October, 2017	TSSPSC
5.	B.Sc. Supplementary-2017 Internal&Practical Examinations	20.11.2017 To 25.11.2017	November, 2017	Osmania University
6.	B.Sc. Supplementary Theory Examination-2017	05.10.2017 To 09.11.2017	October- November, 2017	Osmania University
7.	UG I And III Semester Second Internal Assessment	07-11-2017 To 09-11-2017	November, 2017	Osmania University
8.	M.Sc. I & III Semester (CBCS) Regular)Practical Examinations	30.11.2017 To 05.12.2017	November- December, 2017	Osmania University
9.	B.Sc. (CBCS) Semester- I&Iii (Regular) Theory Examinations.	14.12.2017 To 28.12.2017	November- December, 2017	Osmania University
10.	B.Sc. (CBCS) Semester- I & Iii (Regular) Practical Examinations.	29.12.2017 To 06.01.2018	December, 2017- January, 2018	Osmania University
11.	Engineering Services (Prelimns.)	07-01-2018	January,2018	UPSC
12.	M.Sc. I & III Semester (CBCS - Regular) Examinations.	22.01.2018 To 30.01.2018	January, 2018	Osmania University
13.	Transco Line Man Recruitment Test (TLMRT)	11-02-2018	February, 2018	JNTU
14.	Bca Examinations	27.01.2018 To 12.02.2018	January-February, 2018	Osmania University
15.	MCA Examinations	27.01.2018 To 15.02.2018	January-February, 2018	Osmania University

16.	Sub-Engineers Recruitment Test(SMRT)	25-02-2018	February, 2018	JNTU
17.	UG II & IV Semester First Internal Assessment Test	06.03.2018 & 07.03.2018.	March, 2018	Osmania University
18.	Assistant Engineer Recruitment Test	11-03-2018	March, 2018	JNTU
19.	Tsspdcl Line Man Recruitment Test	25-03-2018	March, 2018	Osmania University
20.	Ug CBCS B.Sc. II & IV Semester Second Internal Assessment Test	12.04.2018 And 13.04.2018.	April, 2018	Osmania University
21.	B.Sc. (Y.W.S) I Year (Backlog) & III Year (Regular & Backlog) Annual Examinations.	13.03.2018 To 16.04.2018	March-April, 2018	Osmania University
22.	M.Sc. II& IV Semester (Cbcs - Regular) Practical Examinations	10.05.2018 To 14.05.2018	May, 2018	Osmania University
23.	B.Sc. (CBCS) Semester-Ii & Iv (Regular), I, Ii & Iii (Backlog) Examinations	18.05.2018 To 13.06.2018	May/June, 2018.	Osmania University
24.	M.Sc Ii & Iv Semesters (CBCS) Examinations May/June, 2018	28.05.2018 To 23.06.2018	May/June, 2018.	Osmania University
25.	Civil Services Examination (Prelimns.)	03-06-2018	June, 2018	UPSC
26.	TS-State Eligibility Test	15-07-2018	July, 2018	Osmania University
27.	BCA Examinations	03.08.2018 To 21.08.2018	August, 2018	Osmania University
28.	MCA Examinations	04.08.2018 To 25.08.2018	August, 2018	Osmania University

III. List of Programs/Events/Extension Lectures/ conducted during 12017 to 2018.

S.No.	Name of the Programme / Event /Extension Lecture	Date	Time	Month/Year
1.	Hyderabad traffic Awareness Programme-2017	21-08-2017	1:00 P.M	August, 2017
2.	Workshop on "Soft skills and Resume Preparation	14-09-2017 & 15-09-2017	2:00 – 5:00 P.M	September, 2017
3.	Extension Lecture on "Ragging and its Consequences"	19-09-2017	12:30 P.M	September, 2017
4.	Elocution on "My vision- Corruption Free India"	27-10-2017	11:00 A. M	OCTOBER, 2017.
5.	Debate on "Role of Youth in Fighting Corruption" and "Importance of Morals and Ethics in Students"	27-10-2017	11:00 A. M	OCTOBER, 2017.
6.	Mega Recruitment Drive-2018	24-02-2018	9:00 A.M – 5:00 P.M	FEBRUARY, 2018.

7.	Lecture on “Stress Management and Benefits of Positive thinking” by B.K.Sumalatha	09-03-2018	11:00 A. M	MARCH, 2018
8.	Memorial Lecture on “Memory of Dr. Stephen Hawking”	21-03-2018	11:00 A.M	MARCH, 2018
9.	Lecture on “Women health” and Health Camp by Dr. Jaya, Associate Professor, Government General Hospital	29-03-2018	10:00A.M – 5:00 P.M	MARCH, 2018
10.	Foundation Stone Laying Ceremony	08-06-2018	9:30 A.M	JUNE, 2018
11.	Celebration of “International Day of Yoga (IDY)	21-06-2018	10:00 A.M	JUNE, 2018
12.	Special recruitment Drive in Collaboration with GHMC	10-07-2018	9:30A.M – 5:00 P.M	JULY,2018
13.	Induction Programme on Personality Development by Prof. Rani Rajitha Madhuri	24-07-2018	10:30 A.M	JULY, 2018
14	Induction Programme to PG Students by Prof. Rajatathnam, Vice Chancellor, Palamuru University.	26.09.2018	10.30 A.M	September, 2018