




## Faculty Details proforma for DU Web-site

Title	Prof./Dr./Mr./Ms./Mrs.	First Name	Ramendra	Last Name	Pratap	Photograph
Designation		Assist Prof.				
Address		Room No. 211, Department of Chemistry, University of Delhi, North Campus, Delhi-110007				
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	Residence					
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Email		ramendrapratap@gmail.com, rpratap@chemistry.du.ac.in				
Web-Page						
<b>Educational Qualifications</b>						
Degree		Institution			Year	
Ph.D.		Central Drug Research Institute (RML Avadh University Faizabad)			2007	
M.Phil. / M.Tech.						
PG		DDU Gorakhpur University Gorakhpur, (U.P.) India			2001	
UG		DDU Gorakhpur University Gorakhpur, (U.P.) India			1999	
Any other qualification						
<b>Career Profile</b>						
<p><b>August 2009-September 2010:</b> Alexander von Humboldt Postdoctoral Research in Universität des Saarlandes, Saarbrücken, Germany (Mo and W catalyzed hydrostannation reactions)</p> <p><b>July 2007-June 2009:</b> Postdoctoral Research in The City College and City University of New York, New York-10031, USA (DNA modification chemistry, Metal catalyzed C-C and C-N bond formation Reactions, metal catalyzed C-H bond activation reactions)</p> <p><b>2005-2007 (June):</b> Doctoral Research in Central Drug Research Institute, Lucknow (Developed an efficient and concise approach to the synthesis polycyclic aromatics and heteroaromatics)</p> <p><b>2003-2005 (June):</b> Doctoral Research in Central Drug Research Institute, Lucknow (Engaged in the development of novel route to diverse arenes and heteroarenes through ring transformation reactions of 2H-pyran-2-ones)</p> <p><b>2002-2003 (December):</b> Doctoral Research in Central Drug Research Institute, Lucknow (Developed new protocol for the synthesis of antihyperglycemic agents)</p>						
<b>Administrative Assignments</b>						

<ol style="list-style-type: none"> <li>1. Serve as Member seminar Committee year 2012 1nd 2013</li> <li>2. Serve as Deputy superintendent central evaluation examination 2013 (summer)</li> <li>3. Served as observer for Delhi University examination</li> </ol>
Areas of Interest / Specialization
Organic Chemistry
Subjects Taught
<b>Organic Chemistry</b> <b>Ist Semester- Reactive Intermediates, Stereochemistry</b> <b>IInd Semester: Spectroscopic technique for identification of Organic compounds, Methods in Organic Synthesis</b>
Research Guidance
<p>List against each head (If applicable)</p> <ol style="list-style-type: none"> <li>1. Supervision of awarded Doctoral Thesis -4</li> <li>2. <b>Supervision of Doctoral Thesis, under progress -4</b></li> <li>3. Supervision of awarded M.Phil dissertations -nil</li> <li>4. Supervision of M.Phil dissertations, under progress-nil</li> </ol>
Publications Profile
<p>List against each head(If applicable) (as Illustrated with examples)</p> <ol style="list-style-type: none"> <li>1. Books/Monographs (Authored/Edited)</li> <li>2. Research papers published in Refereed/Peer Reviewed Journals</li> </ol> <ol style="list-style-type: none"> <li>1. Goel, Atul; Agarwal, Nidhi; Singh, Fateh V.; Sharon, Ashoke; Tiwari, Priti; Dixit, Manish; <b>Pratap, Ramendra</b>; Srivastava, Arvind K.; Maulik, Prakas R.; Ram, Vishnu J. Antihyperglycemic activity of 2-methyl-3,4,5-triaryl-1H-pyrroles in SLM and STZ models. <i>Bioorganic &amp; Medicinal Chemistry Letters</i> 2004, 14(5), 1089-1092.</li> <li>2. <b>Pratap, Ramendra</b>; Sil, Diptesh; Ram, Vishnu J. An innovative approach to the synthesis of substituted benzaldehydes through carbanion induced ring transformation of suitably functionalized 2H-pyran-2-ones. <i>Tetrahedron Letters</i> 2004, 45(29), 5743-5745.</li> <li>3. Sil, Diptesh; Sharon, Ashoke; <b>Pratap, Ramendra</b>; Maulik, Prakas R.; Ram, Vishnu J. Synthesis of benzocyclobutanes through ring transformation reactions of 2H-pyran-2-ones. <i>Synlett</i> 2004, 12, 2163-2164.</li> <li>4. <b>Pratap, Ramendra</b>; Sharon, Ashoke; Maulik, Prakas R.; Ram, Vishnu J. A one-pot synthesis of an annelated[a]aza-thieno[3,2-g]naphthalenone through ring transformation followed by photocyclization. <i>Tetrahedron Letters</i> 2005, 46, 85-87.</li> <li>5. Sharon, Ashoke; <b>Pratap, Ramendra</b>; Tripathi, Brajendra; Srivastava, A. K.; Maulik, P. R.; Ram, Vishnu J. Biaryls and heterobiaryls as <math>\alpha</math>-glucosidase and protein tyrosine phosphatase inhibitors. <i>Bioorganic &amp; Medicinal Chemistry Letters</i> 2005, 15(5), 1341-1344.</li> <li>6. Sharon, Ashoke; <b>Pratap, Ramendra</b>; Maulik, Prakas R.; Ram, Vishnu J. Synthesis of annelated[a]aza-anthracenones and thieno[3,2-g]aza-naphthalenones through ring transformation of 2H-pyran-2-one followed by photocyclization. <i>Tetrahedron</i> 2005, 61(15), 3781-3787.</li> <li>7. Sharon, Ashoke; <b>Pratap, Ramendra</b>; Tiwari, Priti; Srivastava, Arvind; Maulik, P. R.; Ram, Vishnu J. Synthesis and in vivo antihyperglycemic activity of 5-(1H-pyrazol-3-yl)methyl-1H-tetrazoles. <i>Bioorg. Med. Chem. Lett.</i> 2005,</li> </ol>

15, 2115-2117.

8. **Pratap, Ramendra**; Sil, Diptesh; Ram, Vishnu J. Substituent dependent regioselective synthesis of pyranopyrandiones and 1,2-teraryls from 2*H*-pyran-2-ones. *Tetrahedron Letters* **2005**, 46(30), 5025-5027.
9. Sharon, Ashoke; **Pratap, Ramendra**; Vatsyayan, R.; Maulik, P. R.; Roy, U.; Goel, A.; Ram, Vishnu J. 6-Aryl-4-methylsulfanyl-2*H*-pyran-2-one-3-carbonitriles as PPAR- $\gamma$  activators. *Bioorganic & Medicinal Chemistry Letters* **2005**, 15(14), 3356-3360.
10. **Pratap, Ramendra**; Kumar, R.; Maulik, P.R.; Ram, Vishnu J. A non-catalytic regioselective approach to the synthesis of (*E*)-stilbenes from suitably functionalized 2*H*-pyran-2-ones. *Tetrahedron Letters* **2006**, 47, 2949-2952.
11. Sil, D.; **Pratap, Ramendra**; Kumar, R.; Maulik, P.R.; Ram, Vishnu J. Unusual sulfanylation through ring transformation of arene-tethered 2*H*-pyran-2-ones by *in situ* built Michael adduct *Tetrahedron Letters* **2006**, 47, 3759–3762.
12. **Pratap, Ramendra**; Brijesh Kumar.; Ram, Vishnu J. Substituent induced regioselective synthesis of 1,2-teraryls and pyrano[3,4-*c*]pyran-4,5-diones from 2*H*-pyran-2-ones *Tetrahedron* **2006**, 62(34), 8158-8163.
13. **Pratap, Ramendra**; Ram, Vishnu J. A regioselective synthesis of aryl substituted arylacetates through ring transformation by ethyl levulinate *Tetrahedron Letters* **2006**, 47, 5389-5391.
14. **Pratap, Ramendra**; Kushwaha, S. P.; Goel, A.; Ram, V. J. An efficient synthesis of (*E*)-(2-arylpyrazino[1,2-*a*]pyridine-4-ylidene)acetonitriles and cyanomethyl appended pyrimidines *Tetrahedron Letters* **2007**, 48, 549-553.
15. **Pratap, Ramendra**; Roy, A. B.; Roy Raja and Ram, V. J. A novel synthesis of aryl tethered imidazo[4,5-*b*]pyrazine-2-ones through *in situ* ring construction and contraction *Tetrahedron Letters* **2007**, 48, 1281-1285.
16. **Pratap, Ramendra**; Ram, V. J. An efficient and versatile route to the synthesis of 9,10-dihydro-3-formylphenanthrenes *Tetrahedron Letters* **2007**, 48, 1715-1719.
17. **Pratap, Ramendra**; Ram, V. J. A non-catalytic approach to the synthesis of 5,6-dihydrobenzo[*h*]quinolines *Tetrahedron Letters* **2007**, 48, 2755-2759.
18. **Pratap, Ramendra**; Rishi Kumar, P. R. Maulik, Ram, V. J. Versatility of 2-oxobenzo[*h*]chromene for the synthesis of oxabenzo[*c*]chrysenes *Tetrahedron Letters* **2007**, 48, 3311-3314.
19. **Pratap, Ramendra**; Ram, V. J. 2-Oxobenzo[*h*]Chromene: A novel Entry for the concise and efficient synthesis of indeno[1,2-*c*]phenanthrenes *Tetrahedron Letters* **2007**, 48, 4379-4382.
20. **Pratap, Ramendra**; Farahanullah; Raghunandan R.; Maulik P. R.; Ram, V. J. Substituent directed regioselective synthesis of 2-oxonicotonic acids and methyl nicotines *Tetrahedron Letters* **2007**, 48, 4939-4942.
21. **Pratap, Ramendra**; Ram, V. J. 2-Oxobenzo[*h*]chromene: A novel entry for the synthesis of functionalized angular polycyclic azaarenes *Tetrahedron Letters* **2007**, 48, 5039-5042.
22. **Pratap, Ramendra**; Ram, V. J. An efficient and novel approach to the synthesis of tetrahydrophenanthro[4,3-*b*]thiophenes *Tetrahedron Letters* **2007**, 48, 4715-4718.

23. **Pratap, Ramendra**; Ram, V. J. An efficient de novo synthesis of partially reduced phenanthrenes through C-C insertion *J. Org. Chem.* **2007**, *72*, 7402-7405.
24. **Pratap, Ramendra**; Ram, V. J. Acetyltrimethylsilane mediated synthesis of dihydrophenanthrenes *Tetrahedron Letters* **2007**, *48*, 6318-6320.
25. **Pratap, Ramendra**; Kumar, Brijesh; Ram, V. J. An efficient substituent dependent synthesis of congested pyridines and pyrimidines *Tetrahedron* **2007**, *63*, 10309-10319.
26. **Pratap, Ramendra**; Roy, A. B.; Kushwaha, S. P.; Goel, A.; Roy, Raja; Ram, V. J. Guanidine and amidine mediated synthesis of bridgehead triazaphenalenones, pyrimidines and pyridines through domino reactions *Tetrahedron Letters* **2007**, *48*, 5845-5849.
27. **Pratap, Ramendra**; Kumar Brijesh; Ram, V. J. Synthesis of arylated highly congested indans using a domino sequence *Tetrahedron* **2007**, *63*, 10300-10319.
28. **Pratap, Ramendra**; Raghunandan R., Maulik P. R., Ram, V. J. An unusual synthesis of tetrahydrobenzo[f]isoquinolines *Tetrahedron Letters* **2007**, *48*, 7982-7985.
29. **Pratap, Ramendra**; Ram, V. J. Synthetic potential of 2-oxobenzo[h]chromene for the construction of polycyclic azaheteroaromatics with a steroid-like skeleton *Tetrahedron Letters* **2007**, *48*, 8547-8549.
30. **Pratap, Ramendra**; Ram, V. J. Synthesis of partially reduced ferrocenylphenanthrenes from 2-oxobenzo[h]chromenes through C-C insertion *Tetrahedron Letters* **2007**, *48*, 394-396.
31. Gupta, V. P.; Khartad, P.; Mishra, S.; **Pratap, Ramendra**; Ram, V. J. *Ab initio* and experimental studies on structure and vibrational spectra of some partially reduced benzo[c]phenanthrenes *Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy* **2008**, *82*-101.
32. **Pratap, Ramendra**; Ram, V. J. A substituent directed regioselective synthesis of aryl/pyronyl pendant unusual adipate and tetrahydronaphthalene *Tetrahedron Letters* **2008**, *49*, 3011-3014.
33. **Pratap, Ramendra**; Ram, V. J. Economical synthesis of novel class of heteroatom containing partially reduced polycyclic aromatic hydrocarbons *Tetrahedron Letters* **2009**, *50*, 2805-2807.
34. **Pratap, Ramendra**; Ram, V. J. An efficient non-catalytic, regioselective approach to the synthesis of angularly fused polycyclic systems *Tetrahedron Letters* **2009**, *50*, 4239-4242.
35. **Pratap, Ramendra**; Raghunandan R., Maulik P. R., Ram, V. J. A convenient synthesis of partially reduced benzo[c]phenanthrenes, its ketals and ketones *Tetrahedron* **2010**, *66*, 1458-1464.
36. **Pratap, Ramendra**; Parrish, Damon; Gunda, Padmaja and Lakshman, Mahesh K. Influence of Biaryl Phosphane Structure on C-N and C-C Bond Formation *J. Am. Chem. Soc.*, **2009**, *131*, 12240-12249.
37. Goel, Atul; Verma, D.; Pratap, Ramendra; Taneja, G.; Hemberger, Y.; Knauer, M.; Raghunandan, R.; Maulik, P. R.; Ram, V. J.; Bringmann, G., Partially Hydrogenated 7-Oxa[5]helicenes and [5]Helicenes: Synthesis, Structures, and Dynamics *Eur. J. Org. Chem.* **2011**, *16*, 2940. (Impact factor- 3.206)
38. Lakshman, Mahesh K.; Deb, A. C.; Chamala, R. R.; Pradhan, P.; **Pratap, Ramendra**, Direct Arylation of 6-Phenylpurine and 6-Arylpurine Nucleosides by Ruthenium-Catalyzed C-H Bond Activation *Angew. Chem. Int.*

*Ed.*, **2011**, 50, 2011, 11400-11404. (Impact factor- 12.730)

39. Lakshman, Mahesh K.; Deb, A. C.; Chamala, R. R.; Pradhan, P.; **Pratap, Ramendra**, Direct Arylation of 6-Phenylpurine and 6-Arylpurine Nucleosides by Ruthenium-Catalyzed C-H Bond Activation *Angew. Chem. Int. Ed.*, **2011**, 50, 2011, 11264. (Impact factor- 12.730)
40. Maurya, Hardesh K.; Pratap, Ramendra; Tandon, Vishnu K.; Mishra, p.; Kumar, B.; Ram, V. J., Oxaheterocycles: Di- and Trioxabenz[3,4]cyclohepta[1,2-a]naphthalene-6,7-diones and Dibenz[*a,c*]cycloheptene-3-carbonitriles, *Heterocycle*, **2012**, 84, 555-567. (Impact factor- 1.093)
41. Maurya, H. K.; Gautam, S. K.; **Pratap, R.**; Tandon, V. K.; Kumar, A.; Bajpai, V.; Kumar, B.; Ram, V. J. Sequential approach to the synthesis of 'U and Z' shaped polycyclic heteroarenes *Org. Biomol. Chem.*, **2012**, 10, 4977-4986.
42. **Pratap, Ramendra**; Raghunandan, R.; Kumar, A.; Ram, Vishnu Ji, Bicyclic ketone mediated synthesis of oxygenated aromatic systems *RSC Adv.*, **2012**, 2, 2688-2691.
43. Pratap, Ramendra; Raghunandan, R.; Maulik, P. R.; Vishnu Ji, Naphtho[2,1-*h*]isoquinolines: a new class of partially reduced polycyclic aromatic nucleus, *RSC Adv.*, 2012, 2, 1299-1302.
44. Pratap, Ramendra; Kumar, A.; Pick, Rigoberg; Hüch, Volker; Ram, Vishnu Ji, Metal-free synthesis of nitrile based partially reduced thia-and oxa-thia[5]helicenes: conformation and dynamics, *RSC Adv.*, **2012**, 2, 1557-1564.
45. Maurya, H. K.; **Pratap, R.**; Kumar, A.; Kumar, B.; Hüch, V.; Tandon, V. K.; Ram, V. J. A carbanion induced ring switching synthesis of spiranes: an unprecedented approach *RSC Adv.*, **2012**, 2, 9091-9099.
46. Singh, P.; Agrawal, S.; Tiwari, A. K.; Pratap, R.; Mishra, A. K. Design, Synthesis and biological evaluation of catecholamine vehicle for studying dopaminergic system *Chem. Biol. & Drug Design* **2013**, Accepted
47. Kumar, S.; Pratap, R.; Kumar, A.; Kumar, B.; Tandon, V. K.; Ram, V. J. Direct alkenylation of indolin-2-ones by 6-aryl-4-methylthio-2H-pyran-2-one-3-carbonitriles: a novel approach *Beilstein J. Org. Chem.*, **2013**, 2013, 9, 809-817.
48. Kumar, S.; Pratap, R.; Kumar, A.; Kumar, B.; Tandon, V. K.; Ram, V. J. Synthesis of Dibenz[*d,f*]diazepinones and Alkenylindolinones through ring transformation of 2H-pyran-2-ones with indolin-2-ones *Tetrahedron*, **2013**, 69, 4857.
49. Sahu, S. N.; Gupta, M. K.; Jadhav, T.; Yadav, P.; Singh, S.; Misra, R.; **Pratap, Ramendra** Substituent dependent tunable fluorescence in thieno[3,2-*c*]pyrans *RSC Adv.*, **2014**, 4, 56779-56783.
50. Singh, S.; Althagafi, I.; Yadav, P.; Panwar, R.; Kumar, A.; **Pratap, R.** Base mediated synthesis of  $\alpha$ -aminated aroyl/acetylnaphthalenes through [4+2] annulations, *Tetrahedron*, **2014**, 70, 8879.
51. Singh, S.; Yadav, P.; Sahu, S. N.; Sharon, A.; Kumar, B.; Ram, V. J.; **Pratap, R.** One pot synthesis of arylated benzo[*h*]quinolines, *Synlett*, **2014**, 25, 2599-2604.
52. **Pratap, R.**; Ram, V. J.; Natural and Synthetic Chromenes, Fused Chromenes and Versatility of Dihydrobenzo[*h*]chromenes in Organic Synthesis, *Chem. Rev.*, **2014**, 2014, 114, 10476.

53. Singh, P.; Agrawal, S.; Tiwari, A. K.; Kumar, V.; **Pratap, R.**; Chuttani, K.; Mishra, A. K. Bis(Methylpyridine)-EDTA Derivative as a Potential Ligand for PET Imaging: Synthesis, Complexation and Biological Evaluation *Chem. Biol. & Drug Design* **2014**, DOI: 10.1111/cbdd.12366.
54. Maurya, H. K.; Gautam, S. K.; Pratap, R.; Tandon, V. K.; Kumar, A.; Kumar, B.; Saxena, S.; Tripathi, D.; Rajwanshi, M.; Das, M.; Ram, V. J. Regioselective synthesis of polycyclic aza-oxa and aza-oxa-thia heteroarenes as Colo-205 and HepG2 carcinoma cells growth inhibitors *European Journal of Medicinal Chemistry*, **2014**, *81*, 367-377.
55. Singh, S.; Yadav, P.; Sahu, S. N.; Althagafi, I.; Kumar, A.; Kumar, B.; Ram, V. J.; **Pratap, R.** Synthesis of 1-amino-2-aryl/acetylnaphthalenes through base mediated one pot inter and intramolecular C-C bond formation strategy *Org. Biomol. Chem.*, **2014**, 4730-4737.
56. Yadav, P.; Singh, S.; Sahu, S. N.; Hussain, F.; **Pratap, R.** Microwave assisted base dependent regioselective synthesis of partially reduced chromenes, isochromenes and phenanthrenes *Org. Biomol. Chem.*, **2014**, *12*, 2228-2234.
57. Singh, S.; Panwar, R.; Althagafi, I.; Sharma, V.; Chaudhary, S.; **Pratap, R.** Base mediated regioselective synthesis of highly functionalized conjugated enones *Tetrahedron Lett.* **2015**, *56*, 5203–5208.
58. **Pratap, R.**, Yadav, D. K., Singh, S., Rai, R., Kumar, N., Uhm, H.-S., Singh, H., Pérez-Sánchez, H. Molecular docking and biological evaluation of functionalized benzo[h]quinolines as colon cancer agents *Lecture Notes in Computer Science* (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), **2015**, 9044 pp. 664 – 673.
59. Sahu, S. N.; Gupta, M. K.; Singh, S.; Yadav, P.; Panwar, R.; Kumar, A.; Ram, V. J., Kumar, B.; **Pratap, R.** One pot synthesis of tetrasubstituted thiophenes: [3+2] Annulation Strategy *RSC Adv.*, **2015**, *5*, 36979.
60. Singh, S.; Panwar, P.; Yadav, P.; Althagafi, I.; Sahu, S. N.; **Pratap, R.** Precursor directed regioselective synthesis of partially reduced benzo[e]indene through oxidative cyclization and benzo[h]quinolines *RSC Adv.*, **2015**, *5*, 183351-18341.
61. Pooja,; Aggarwal, S.; Tiwari, A. K.; Kumar, V.; **Pratap, R.**; Singh, R.; Mishra, A. K. Novel pyridinium oximes: synthesis, molecular docking and in vitro reactivation studies *RSC Adv.*, **2015**, *5*, 23471-23480.
62. Yadav, D. K.; Rai, R.; Kumar, N.; Singh, S.; Misra, S.; Sharma, P.; Shaw, P.; Pérez-Sánchez, H.; Mancera,

R. L.; Choi, E. H.; Kim, M.h.; Pratap, R. New arylated benzo[h]quinolines induce anti-cancer activity by oxidative stress-mediated DNA damage, Scientific Report, 2016, In Press.

63. Gautam, S. K.; Maurya, H. K.; Pratap, R.; Kumar, B.; Kumar, A.; Tandon, V. K.; Ram, V. J. Strategy to Construct Stair-Shaped Partially Reduced Naphtho[1,2-b]pyrano[2,3-d]oxepines and Dinaphtho[1,2-b,d]oxepines *J. Heterocycl. Chem.* **2016** Accepted.

64. Sahu, S. N.; Singh, S.; Shaw, R.; Shally; Ram, V. J.; **Pratap, R.** One-pot and step-wise regioselective synthesis of thieno[3,2-c]pyridin-4-ones RSC Adv. **2016**, 6, 85515.

65. Singh, S.; Shaw, R.; Shally; Chaudhary, S.; Kumar, A.; **Pratap, R.** Synthesis of arylated and aminated naphthalenes and their synthetic applications for aza-heterocycles Tetrahedron, **2016**, 72, 6436 .

66. Singh, S; Reddy, T. S.; Panwar R.; Misra, R.; **Pratap. R.** 2-(2,2-Bis-benzylamino-1-cyano-vinyl)-benzonitrile: A Selective Turn-off Fluorescent Cu<sup>2+</sup> Sensor Chemistry Select **2016**, 1, 2576 – 2580.

67. Singh, S; Shally; Shaw, R.; Yadav.R.; Kumar, A.; **Pratap. R.** Microwave directed metal-free regiodivergent synthesis of 1,2-teraryls and study of supramolecular interactions *RSC Adv.*, **2016**, 6, 1557-1564.

3. *Research papers published in Academic Journals other than Refereed/Peer Reviewed Journals*
4. *Research papers published in Refereed/Peer Reviewed Conferences*
5. *Research papers Published in Conferences/Seminar other than Refereed/Peer Reviewed Conferences*
6. *Other publications (Edited works, Book reviews, Festschrift volumes, etc.)*

#### Conference Organization/ Presentations (in the last three years)

*List against each head(if applicable)*

1. *Organization of a Conference*
2. *Participation as Paper/Poster Presenter: 6*

#### Research Projects (Major Grants/Research Collaboration)

*R and D Grant from University of Delhi*  
*CSIR Project (Major) 15 Lac and One Student*  
*UGC Project (Major) 6-36 Lac*  
*DST Project (Major) 21.9 Lac + overhead*  
*CSIR Project (Major) 12.5 Lac and One Research Associate*  
*ICMR Project (Major) 10 Lacs and one Scientist C*

#### Awards and Distinctions

**Alexander von Humboldt fellow**  
**JSPS invitation fellowship (May 2016-March 2017)**

#### Association With Professional Bodies

1. *Editing*
2. *Reviewing: Arkivoc, Tetrahedron Letters, Bentham Journals, Bioorg. Med. Chem, Bioorg. Med. Chem Lett etc*
3. *Advisory: **SHARE Journal of Multidisciplinary Research and Studies***
4. *Committees and Boards: Associate Editor of OJMC (Hindawi Journal)*
5. *Memberships: Royal Society of Chemistry, Indian Science Congress*
6. *Office Bearer*

#### Other Activities