

**List of Projects completed during 2013-14 and sanctioned from 2014**

| Sr.No. | Name of teacher                                                    | Project title                                                                                                              | Funding agency | Project period          | Sanctioned amount | Overhead amount |
|--------|--------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|----------------|-------------------------|-------------------|-----------------|
| 1.     | Dr.Kapil Kamble<br>Asstt.Professor,<br>Deptt. of Micro-Biology     | Phylogenetic study of some efficient deoxyribonuclase----- of deoxyribonuclases                                            | UGC            | 1.2.11 to 31.1.14       | 8,10,800/-        | 42,800/-        |
| 2.     | Dr.Prashant Gawande<br>Asso.Professor,<br>Deptt. of Bio-technology | Phylogenetic analysis of dioscrea-- --western ghats of Maharashtra                                                         | UGC            | 1.2.11 to 31.1.14       | 9,05,800/-        | 47,800/-        |
| 3.     | Dr.Mrs.H.P.Nagpure<br>Asstt.Professor,<br>Deptt. of Zoology        | Culicid biodiversity in mosquito--- -district of Maharashtra                                                               | UGC            | 1.2.11 to 31.1.14       | 4,48,000/-        | 13,000/-        |
| 4.     | Dr.M.B.Putwad<br>Asstt.Professor,<br>Deptt. of Marathi             | Dictionary of Africultural concepts in Maharashtra                                                                         | UGC            | 1.2.11 to 31.7.13       | 4,36,200/-        | 24,200/-        |
| 5.     | Dr.Hemant Khadke<br>Asstt.Professor,<br>Deptt. of Marathi          | अर्वाचीन मराठीतील काव्यविचार १८५०-१९७५                                                                                     | UGC            | 1.2.11 to 31.7.13       | 3,36,200/-        | 24,200/-        |
| 6.     | Dr.Mrs.V.Chaukhande<br>Asso.Professor,<br>Deptt. of Lib.Sci.       | Sources of Information for the backward and underdeveloped tribal area of melghat, Maharashtra                             | UGC            | 1.2.11 to 31.7.13       | 5,82,200/-        | 30,200/-        |
| 7.     | Dr. G.G. Muley Assist Professor Dept. of Physics                   | Development and Study of the Cladding Modified Fiber optic Intrinsic Biosensors                                            | DRDO           | 6/06/2011 to 31/05/2014 | 20,55,000/-       | 1,37,000/-      |
| 8.     | Dr. A.K. Srivastav Professor, Dept. of Geology                     | Palaeogeographic reconstruction during upper – Central India                                                               | U.G.C.         | 1/07/11 to 31/06/14     | 9,56,800/-        | 43,800/-        |
| 9.     | Dr. M.K. Rai Professor & Head Dept. of Bio-Tech                    | Synthesis Characterization and Bioconjugation of Nano Particles and their Utilization as a Vehicle for Gene Transfer       | DST            | July 2011 to June 2014  | 89,95,600/-       | 3,00,000/-      |
| 10.    | Dr. Mrs. C.K. Deshmukh Asstt. Prof. Deptt. Of Zoology              | Investigate the effects of homoeopathic durg : Acid phos on the male albino rat                                            | UGC            | 1/7/2012 to 30.6.2015   | 7,12,800/-        | 64,800/-        |
| 11.    | Dr. G.L. Gulhane, Lecturer, Dept. of Education                     | Sensory and mobility Disabilities in Primary school Student and their academic achievements A Study in Amt Division of Mah | ICSSR          | 1/4/12 to 31/3/2014     | 5,39,650/-        | --              |
| 12.    | Dr. K.S. Adhao Professor Deptt. Of Maths                           | Cosmological models of the universe in theories of gravitation                                                             | UGC            | 1/7/12 to 30/6/ 15      | 10,45,800/-       | 67,800/-        |
| 13.    | Dr. D.H.Tambekar Asso. Professor Deptt. Of Microbiology            | Temporal and Spatial bacterial diversity of mathanotrophs from Loner lake                                                  | UGC            | 1/7/2012 to 30/6/2015   | 9,93,800/-        | 75,800/-        |
| 14.    | Dr. Niteen V. Phirke Asso. Professor Deptt. Of Microbiology        | Terrestrial nitrification studies in the arid soils of Purna basin                                                         | UGC            | 1/7/2012 to 30/6/2015   | 13,25,800/-       | 97,800/-        |
| 15.    | Dr. Niteen V. Phirke Asso. Professor Deptt. Of Microbiology        | Submerged fermentation of sorghum grains for fermented food items                                                          | SERB, DST      | 4/5/2012 to 3/4/2015    | 25,40,000/-       | 4,00,000/-      |
| 16.    | Dr. Mohammad Atique Associate Professor Deptt. Of Comp Sci         | Design implementation and evaluation of scheduling algorithms for soft realtime task,                                      | UGC            | 1/7/2012 to 30/6/2015   | 6,39,000/-        | 9,000/-         |

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| 17. | Dr. (mrs) M.M. Chimote<br>Lecturer Dept. of<br>Marathi                  | मराठीतील विज्ञान कथात्म साहित्याचा<br>मराठी विज्ञान कथात्म साहित्य यावरील<br>परिणाम                                                                                  | U.G.C.    | 1/7/12 to<br>30/6/14       | 2,88,000/-  | 8,000/-    |
| 18. | Dr. Kalpana V. Jawale<br>Asstt. Professor Deptt.<br>Of LL.M             | Analysis of the Problem of<br>Malnutrition in Melghat Area of<br>Maharashtra socio-legal Study                                                                       | UGC-Minor | 1/7/2012 to<br>31/12/2013  | 1,25,000/-  | --         |
| 19. | Dr. G.G. Muley Assist<br>Professor Dept. of<br>Physics                  | Design growth and<br>Characterization of Nd doped<br>oxyborate SFD Crystals for lasor<br>development                                                                 | UGC       | 1/7/2012 to<br>30/6/2015   | 9,58,300/-  | 65,300/-   |
| 20. | Dr.Anita Patil<br>Asso.Professor,<br>Deptt. of Bio-tech.                | Process Development and<br>Characterization of Antiuro lithic<br>Activity of Bioactive Malasolites<br>of selected Medicinal Plant from<br>Melghat Forest Region(Amt) | RGSTC     | 13.2.13 to<br>12.1.2016    | 28,00,000/- | --         |
| 21. | Dr.Anita Patil<br>Asso.Professor,<br>Deptt. of Bio-tech.                | In vitro production and process<br>--- maharashtra                                                                                                                   | UGC       | 1.4.2013 to<br>31.3.2016   | 12,19,300/- | 76,300/-   |
| 22. | Dr. G.G. Muley Asstt.<br>Professor Deptt. Of<br>Physics                 | Snvestigations on the self<br>Frequency doubling crystals for<br>the eleve lopment of lasers                                                                         | SERB(FTS) | 13.8.13 to<br>12.7.2016    | 16,53,000/- | 2,75,000/- |
| 23. | Dr. G.G. Muley Asstt.<br>Professor Deptt. Of<br>Physics                 | Design, growth and study of amino<br>acid based semiorganic--<br>applications                                                                                        | SERB      | 11.10.2013<br>to 10.9.2017 | 36,10,000/- | 5,00,000/- |
| 24. | Dr.A.B.Naik,<br>Asstt.Professor, Deptt.<br>of Chemical Technology       | Studies the plant growth<br>regulation--- complexes                                                                                                                  | SERB      | 29.10.2013<br>to 28.9.2015 | 12,00,000/- | 2,00,000/- |
| 25. | Dr.A.K.Srivastava<br>Professor, deptt. of<br>Geology                    | Geochronology and Geochemistry<br>of Tephra, Purna Alluvial Basin ,<br>Maha Central India                                                                            | DST       | Oct, 2014 to<br>Sept, 2017 | 28,49,000/- | 3,00,000/- |
| 26. | Dr.P.A.Wadegaonkar<br>Asso.Professor, Deptt.<br>of Bio-technology       | Confirmation and validation of<br>anti cancer properties of wheat<br>grass(Triticum aestivum) using<br>modern scientific approach                                    | UGC       | 1.7.2015 to<br>30.6.2018   | 18,86,000/- | 1,26,000/- |
| 27. | Dr.Niraj Ghanwate<br>Asstt.Professor, Deptt.of<br>Microbiology          | Studies on bacterial colonization<br>and prevention of Biofilm in<br>urinary catheters                                                                               | UGC       | Dec, 2015 to<br>Nov., 2018 | 13,20,000/- | 80,000/-   |
| 28. | Dr.Mrs.S.S.Shrekar<br>Asso.Professor, Deptt.of<br>Computer Sci          | Design & Implementation of<br>security measures against cyber<br>attacks & cyber crimes                                                                              | AICTE     | Oct, 2015 to<br>Sept, 2018 | 12,35,294/- | --         |
| 29. | Dr.M.K.Rai<br>Professor, Deptt. of<br>Biotechnology<br>(Indo-Argentina) | Biosynthesis of silver<br>nanofunctionalization by essential<br>oils-----formulation of<br>antimicobials                                                             | DST       | June 2015 to<br>May, 2018  | 11,94,000/- | --         |