



Patents, Consultancy and Research

Patents

Patents Granted

- Patent was granted by Government of India, the Patent Office, Patent No. 248096, 2011 to Patentee Kamalinder K Singh (Principal, CU Shah College of Pharmacy) Application No.58/MUM/2005.

Patents Filed

- K.K.Singh, Medha Patel and Manju Dhami, Development of Free Flowing, Platable Novel Drug Delivery System for Ayurvedic Ghritas, Indian Patent filed, 2011

- K.K. Singh, Medha Patel Nanotechnology Based Herbal Composition for Safe and Effective Treatment Of Psoriasis, Indian Patent filed, 2011.
- P.A. Tatke, Nidhiya I.S.R., S.Y.Gabhe and A.B.D. Vaidhya, Filed a complete patent in May 2011 on "Extract Of Himalayan Garlic Peels Having Antidiabetic Activity"
- Mahajan, S.S. and Vaidya, S., 1-Aryl-3-(3"-4"-5"-Trimethoxyphenyl)-2-prophen-1-ones as antimalarials, Patent Application No.343/MUM/2012, Date of Patent Filing:06-02-2012
- Singh, K.K. and Patil, S., Smart Modified Nano Carriers (SMNC) FOR Cosmeceutical And Pharmaceutical application, Patent application No.2486/MUM/2012 27/08/2012

Consultancy

Department	Name of Faculty	Consultancy Projects
Continuing and Adult Education and Extension Work	Prof. Vandana Chanrabarti, Dr. Bhanu Pratap Singh, Dr. Rohini Sudhakar, Dr. Prabhakar Chavan, Dr. Asha Patil, Mr. Joy Kutty K.	"Time bound assessment and selection of Saakshar Bharat Awardees" funded by National Literacy Mission.
Educational Technology	Dr. Jayashree Shinde	Development of E-content for professional skill development funded by NMEICT, MHRD

Faculty Research

During the year 2011-12 faculty from post graduate departments were engaged in conducting UGC sponsored Major and Minor research studies and also studies sponsored by other organisations. Total number of research studies is 40. Similarly faculty from colleges on all three campuses conducted research studies sponsored by UGC as well as other organisations. Total number of studies was 38 making a total of 78 studies during the year under report.

Department	Name of Faculty	Research Projects
Applied Linguistics	Dr. Pratima Dave	1. On-going Major Research project on 'Stylistic Analysis of Hindi Women Writer's Autobiographies'
Commerce, Mumbai	Prof. G.Y. Shitole	2. On-going UGC Funded Major Research Project on 'A Study of Women Empowerment through Self Help Groups and Micro Finance in Thane District with reference to Swarnjayanti Gram Swarozgar Yojana', 2011 to 2013. Allocation: Rs. 4,78,200
Continuing and Adult Education and Extension Work	Prof. Vandana Chakrabarti, Dr. Bhanu Pratap Singh, Dr. Rohini Sudhakar, Dr. Prabhakar Chavan, Dr. Asha Patil, Mr. Joy Kutty K.	3. 'A Study of Selection of Saakshar Bharat Award: Time bound assessment' funded by National Literacy Mission.
	Dr. Bhanu Pratap Singh, Dr. Rohini Sudhakar, Dr. Prabhakar Chavan, Dr. Asha Patil, Mr. Joy Kutty K	4. Survey to find out the Educational preferences of High School and Junior college students, their parents and opinion leaders for starting new academic programmes in Maharshi Karve Model College for Women at Shrivardhan- Funded by the University.

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Continuing and Adult Education and Extension Work	Dr. Rohini Sudhakar	5. 'A Study of Lifelong Learning Strategies used by NGOs to Reach the Unreached, especially Girls and Women of Maharashtra'-funded by ICSSR
	Dr. Asha Patil and Dr. Rohini Sudhakar	6. Preparation of tools for evaluation of State Resource Centres (SRCs) - funded by National Literacy Mission. 7. Evaluation of State Resource Centre, Mysore, Karnataka-funded by National Literacy Mission. 8. Evaluation of State Resource Centre, Tiruvananthapuram, Kerala.
Continuing and Adult Education and Extension Work	Dr. Poornima Chikarmane	9. On-going project on: 'Visibility and Voice for Decent Work for Waste pickers: Field Action, Research and Advocacy for Developing a Network of Organizations of Waste Collectors in South and South-East Asia'-funded by WIEGO Harvard University Kennedy School of Government Cambridge USA.
Economics, Mumbai	Prof. Vibhuti Patel	10. Schemes for Empowerment of Women in Higher Education – Funded by UGC 11. Base Paper on Gender for Mumbai- funded by AILSG 12. Base Paper on Gender for MMRDA- funded by MMRDA 13. Base Paper on Gender for Maharashtra-funded by Government of Maharashtra 14. Political Economy of Violence Againsts women; RCWS & Population First; background essays for facilitation of skill for addressing gender issues.
	Dr. Veena Devasthali	15. 'A Study of Home-based Women Workers in Mumbai'-funded by University
	Dr. Kisan Ingole	16. On-going project on: 'Caste system in India and its Implication on Economic Growth'-funded by University
	Dr. Ruby Ojha	17. Major research projects: 'Export-led Growth Strategy: A Policy Choice for Development in India' -Funded by UGC 18. 'Environment Standard in Automobile Industry: A Comparison of India and Canada'- funded by Centre for Canadian Studies, under UGC Area Studies Centre, Department of English SNDT Women's University.
Economics, Pune	Dr. Medha Deshpande	19. Major Research Project: On-going project 'Notion of Poverty and Social Exclusion in Development Discourse and its Dynamics among Migrants in Pune city'.
Education, Mumbai	Dr. Pravina Tapalia	20. On-going Research project on: 'Education for Peace'-Funded by ICSSR
Education, Pune	Dr. Mridula Ranade	21. An Effectiveness Study of Blended Constructivist Methodology with the focus on questioning at M.Ed level"-sponsored by UGC Innovative Programme Grant.
	Dr. Madhav Punekar	22. Preparation of Self learning material on the subject of Educational Management at M.Ed level on the topic of 'Managing people and a study of its effectiveness'-sponsored by UGC Innovative Programme Grant.
	Dr. Neha Deo	23. 'A Study of Effectiveness of Constructivist Teaching-Learning strategies on M.Ed Students'-sponsored by UGC Innovative Programme Grant.
	Dr. Surekha Bhagyawant	24. 'A Study of Effectiveness of Co-operative Learning of M.Ed Students'-sponsored by UGC Innovative Programme Grant.

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Department	Name of Faculty	Research Projects
Education, Pune	Dr. Meena Aher	25. 'A Study of Effectiveness of Dramatization method and Attitude of M.Ed students towards Gender equality'-sponsored by UGC Innovative Programme Grant.
Extension Education	Dr. Mira K Desai	26. 'Television Entertainment Channel'-sponsored by TALEEM Research Foundation, Ahmedabad.
Food Science and Nutrition, Mumbai	Prof. Shobha Udipi	27. On-going project on: 'Efficacy of Bio fortified Pearl Millet in Improving the Iron Status of Indian Adolescents'-sponsored by Harvest Plus, International Food Policy Research Institute
Geography	Dr. Sachin Deore	28. UGC funded on-going Major Research Project on 'The Quantitative Evaluation of Soil Erosion: A Case Study of Upper Bima'. Allocation: 9,32,600.
Gujarati	Dr. Nutan Jani	29. On-going Major Project Research on 'Environmental Studies and Literature'
	Dr. Nutan Jani	30. Co-Investigator for Project 'Writing of Indian War of Independence and Freedom Struggle' (1800-1947) Sahitya Akademi, New Delhi
Hindi, Pune	Dr. Chandrakant Misal	31. On-going UGC funded Major Research Project: 'Hindi Cinema me dampaty jivan ke vividh rup',1950-2012.
History	Dr. Prabha Ravishankar	32. On-going project on: G.A. Natesan and National Awakening Sponsored by Indian Council of Historical Research, New Delhi
Human Development	Prof. Reeta Sonawat	33. On-going project on: Teacher Enrichment and Retention-sponsored by Barrington Education Institute, Switzerland.
		34. Socio-Dramatic play- sponsored by Barrington Education Institute, Switzerland.
Music, Pune	Dr. Sheetal More	35. UGC funded on-going project on: 'A Study of Ragas which are unique to Bhendi Bazaar Gharana and have formed an Identity of itself with the Gharana'. Allocation: Rs. 3,63,000
Psychology, Pune	Dr. Ramesh Pathare	36. A Study of 'Emotional Intelligence of Farmers and Perceived Success'
SHPT School of Library Science	Dr. Sarika Sawant	37. 'A Study of Institutional Repositories on Women's Studies in India and Canada'-funded by UGC Area Studies Centre for Canadian Studies and SNDT Women's University.
Sociology	Dr. Manisha Rao	38. Minor research project 'Conception of Nature among Forest Dependent Communities in India and Canada'-funded by UGC Area Studies Centre, Centre for Canadian Studies, SNDT.

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Colleges/Centre	Name of Faculty	Research Projects
C.U Shah College of Pharmacy, Juhu	Dr. K. K. Singh	39. on-going Major Research Project on 'Design and Evaluation of Surface Modified Nanocarriers for Targeting to solid tumors sponsored by DBT 40. Major Research Project on 'Development and Evaluation Lipid Based Nanocarriers for Anti-Malarial chemotherapy sponsored by AICTE. 41. on-going UGC funded Research Project on 'Herbal nanoparticulate drug delivery system for topical treatment of psoriasis. Allocation: Rs. 12,01,800.
	Dr. S. S. Mahajan	42. UGC funded on-going Major Research Project on 'Anti-Malarial Activity Design and Synthesis of Cysteine Protease Inhibitor.' Allocation: Rs. 10,47,800. 43. Completed a Major Research Project on 'Cysteine Protease Inhibitors as novel Anti malarials' sponsored by Indian Council of Medical Research (ICMR). Allocation: Rs. 8,86,340
	Dr. Rajani Athavale	44. on-going Minor Research Project on 'Evaluation of Various Polymers' sponsored by Ideal cures Pvt. Ltd. 45. On-going Research Project on 'Design and Evaluation of Surface Nanocarriers for Treatment of estrogen sensitive Breast Cancer' funded by UGC. Allocation: Rs. 5,55,000. 46. Design & Evaluation of Nano Carriers for Brest Cancer- AICTE 9.5 Lakhs
Centre for study of Exclusion and Inclusion, Juhu	Dr. P.A. Tatke	47. on-going Major Research Project on "Development and Validation of HPLC Method for Marker Compound and Bioactives as per ICH Guidelines sponsored by NNPB Department of Ayush 48. Ongoing Minor Research Project on 'Novel Extraction Techniques for Isolation of Biomarker for medicinal Plants' sponsored by AICTE 49. UGC Sponsored on-going Major Research Project on 'Biodiversity Guided Screening of Some Medicinal Plant extracts against Oxidative Stress related Complication'. Allocation: Rs. 10,86,800.
	Dr. Chandrakant Puri	50. Ensuring Dalit Rights: Role of Statutory Institution in the State of Maharashtra-sponsored by Society for Participating Research in Asia, New Delhi. 51. A Field Study titled 'Aspiration of Women School Drop Outs' under the DelPHE Project (Development Partnership in Higher Education) in partnership with Sana'a University, Yemen-sponsored by British Council. 52. Impact Assessment of Reclaiming Livelihoods and Food Security in Drought Prone Buldhana District through Capacity Enhancement-sponsored by Sir Dorabjee Tata Trust Project Implemented by Vikas Sahyog Pratisthan. 53. Need Assessment Study of Senior Citizen of Slums of Mumbai City-sponsored by Social Development Centre. 54. On-going project on: Problem Identification and Need Assessment Study of Senior Citizens of Slums of Mumbai city.

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Colleges/Centre	Name of Faculty	Research Projects
Research Centre for Women's Studies, Juhu	Prof. Veena Poonacha	55. On-going Projects on: 'Socio-Economic Conditions of Muslim Women in Maharashtra'- Funded by Department of Minorities Development and State Commission for Minorities, Government of Maharashtra. 56. Articulating Courage Overcoming Fear, Spl: Dadhich Foundation 57. Major Research Projects Multi-Sectoral Development of Sion-Koliwada-Funded by Department of Minorities Development and State Commission for Minorities, Government of Maharashtra. 58. Multi-Sectoral Development of Bharampada- Funded by Department of Minorities Development and State Commission for Minorities, Government of Maharashtra.
	Dr. Meena Gopal	59. Major Research Project 'Labour processes and Gender Relations in Home-Based work', spl: Project Fellowship at Nehru Member Museum and Library.
	Dr. Indra Munshi	60. on-going project on 'Negotiating Roles and Identity: Narration of Women Surgeons in India' (sp: Commissioned by Avabai Archives for Women sponsored by Avabai Wadia Archive Project) RCWS.
	Dr. Aparna Nair	61. Major Research Project 'Midwifery Practices in Malbar Kerela'- sponsored by Avabai Wadia Archive Project.
	Prof. Ara Johannes	62. Major Research Project 'Profiles of Traditional Midwives in Informal Urban Settlements of Mumbai City'- sponsored by Avabai Wadia Archive Project.
	Prof. Sharon Thekkakara	63. Major Research Projects 'Network and Genealogy Tracing for Reconstructing the Life of late Avabai Wadia'- sponsored by Avabai Wadia Archive Project.
SNDT Arts and Commerce College for Women, Pune	Dr. Madhavi Kulkarni and Mr. Kishor Bhide	64. Major Research Project 'A Study of Empowerment of Women by NGOs in Maharashtra'- funded by UGC.
	Mr. Kishor Bhide and Dr. Madhavi Kulkarni	65. 'A Survey of Beekeepers of the Central Bee Research and Training Institute, Pune'-funded by Asian Development Bank and Central Bee Research and Training Institute, Pune. 66. 'Survey of Empowerment level of Urban Women in Pune'-funded by Department of English.
SNDT College Of Commerce, Arts And S C B and Science For Women, Churchgate	Smt. Namrata Ganneri	67. UGC funded minor project on 'Transforming Indigenous Sports: A Study of Physical Culture Clubs in Western India'.
	Dr. Putul Sathe	68. On-going Research Project on 'Reading Diaspora Text of Indo - Canadian Women Writers' sponsored by UGC Area Study Centre for Canadian Studies, SNDTWU, Churchgate
SNDT College of Education, Pune	Dr. Chitra Sohani	69. Impact of Co-operative learning Approach in Science Education on Student Teachers offering Science Education, funded by the UGC fund for innovative programmes.

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SNDT College of Education, Pune	Dr. Gautam Londhe	70. B. Ed College Campus Decoration approach to Work Experience Education on Student Teachers, funded by the UGC fund for innovative programmes.
	Dr. Sangeeta Shirode	71. UGC funded Research Project on: 'Preparation of an Enrichment Programme for Developing Conceptual Clarity of Content Mathematics Among Teachers and Study of its Efficiency'. 72. on-going Research Project: 'To study the impact of Language Learning Strategies for Developing Comprehension Ability of 7th Grade Learners in Mathematics Learning'
	Dr. Dattatray Tapkeer	73. UGC funded Research Project : 'English Poem Writing Skill Enhancement Programme for B.Ed Student – Teachers'.
	Smt. Usha More	74. on-going Research Project on : 'Development of Coping with Stress Education Program for would be Teachers,' funded by the UGC fund for innovative programme.
SVT College of Home Science, Juhu	Ms. Madhuri Nigudkar	75. on-going Research Project on : 'Estimation of Resistance Starch Content of Selected Routinely Consumed Indian Food Preparations', funded by the UGC (Jan 2012-Jan 2014)
	Ms. Suman Mundkar	76. on-going Minor research project on : 'Profile and Problems of Post Consumer Waste Clothing from Urban Households: A Study in Mumbai City', funded by the UGC.
	Dr. Jagmeet Madan	77. Principal Investigator, Project MARG (Phase II), Mumbai City a Collaborative Study and School Health Initiative of Department of Food and Nutrition, SVT College of Home Science with a core team of Diabetes (India) and Almond Board of California. This is a Pilot project covering 3 private schools on customizing Nutrition Education modules for increased awareness.
	Dr. Sunanda Chande	78. on-going research project on: 'A Study of Home Science Institutes and Industry Linkage', funded by UGC grant of 6,54,200.

Student Research

All Post Graduate departments offer Ph. D programmes and during the year 2011-12, 102 students were registered for their Ph. D. Studies in various departments and recognised institutes.

During the year 68 students were awarded Ph. D. Degrees

(Appendix B provides information on the students' research)

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Funding for Projects

During the year of report various departments, centres received funding from various Trusts, agencies for research and development projects.

Total funding received is Rs. **3,11,58,803** (Rs. Three Crore Eleven Lakh, Fifty Eight thousand Eight Hundred and three).

The details of the funding organisations and particulars are presented below.

S. N.	Name of the Donor	Amount	Particulars
Department of Human Development		Rs.	
1	Barraington Education Initiative	442350	Research Project on Empowering Teachers
2	Barraington Education Initiative	503450	Research Project on Empowering Teachers
Department of Food Science and Nutrition			
3	Harvest Plus	764479	Project entitled "Iron & Zinc Status.... Age in Ahmednagar" and Dietary Contribution of Pearl Millet in Ahmednagar Dist: Consumption and Effect of Traditional Processing Techniques on Mineral Bioavailability
4	Harvest Plus	7947436	Project "Efficacy of Iron Biofortified I millet in improving the iron status of Adolescents in India"
Department of Continuing & Adult Education, Pune			
5	Ms. R.F.Savaksha	1200000	Tata Social Welfare Trust, 3rd Installment for the project for waste pickers
6	Ms. R.F.Savaksha	339000	Jamsetji Tata Trust, Installment received For project on waste-pickers
7	Oxfam India Delhi	700000	Programme for Empowerment of Waste pickers -- Advocacy for the Rights of Waste Pickers
8	Women In Informal Employment Globalising And Organising, U.K. Secretariat Harvard University	18645205 416883	Programme for Empowerment of waste pickers Visibility & Voice for Decent Work for Waste Pickers
9	Mr. N. Ananthkrishnan, Pune	100000	Donation for Programme for Empowerment of Women Waste Pickers
10	Talath Anantkrishanan, Pune	100000	Donation for Programme for Empowerment of Women Waste Pickers
Research Centre For Women's Studies			
11	Population First	142475	Research Project for facilitating Gender Data in the class room
12	Maharashtra State Minorities Commission	339250	Research Project on Multi-Sectorial Development of Minority Communities -- Behrampada and Sion Koliwada
13	NABARD	56125	Formation of Self Help Group
Total		31158803	