



Patents and Research

Patents filed

CU Shah College of Pharmacy

- Dr. K. K. Singh (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
- Dr. S. S. Mahajan (Mahajan, S.S and Vaidya, S., 1-Aryl-3-(3",4",5"-trimethoxyphenyl) -2-propen-1-ones as antimalarials, Patent Application No. 343/MUM/2012, Date of Patent Filing: 06-02-2012

Faculty Research

During the year 2012-13 faculty from post graduate departments were engaged in conducting UGC sponsored Major and Minor research studies and also studies sponsored by other organizations. Total number of research studies is 46.

Similarly faculty in colleges on all three campuses conducted research studies sponsored by UGC as well as other organizations. Total number of studies was 29 making a total of 75 studies during the year under report. (Departments presented alphabetically)

Department	Name of Faculty	Research Projects
Applied Linguistics	Dr. Pratima Dave	1. On-going project on- Mahila lekhikaon ki aatmakathaoun ka shailivaigyanik vivechan- in Hindi (Amrita Pritam-Rasidi Ticket, Maitreyee Pushpa- Kasturi Kundal Base, Padma Sachdev –Boond Bavdi, Urmila Pawar-Aayadaan)
Commerce, Mumbai	Prof. G.Y. Shitole	2. On-going project on- A Study of Women Empowerment Through Self Help Groups and Micro Finance in Thane District with Reference to Swarnjayanti Gram Swarozgar Yojana.
Continuing and Adult Education and Extension Work, Mumbai	Dr. Bhanu Pratap Singh Dr. Prabhakar Chavan Dr. Rohini Sudhakar Dr. Asha Patil Mr. Joy Kutty	3. Submitted a UGC sponsored University project on - Educational Needs assessment survey of Shrivardhan Taluka.
	Dr. Asha Patil and Dr. Rohini Sudhakar	4. Submitted Commissioned research on, Evaluation of State Resource Centre, Mysore, Karnataka- funded by National Literacy Mission Authority
	Dr. Rohini Sudhakar Dr. Asha Patil	5. Submitted Commissioned research on, Evaluation of State Resource Centre, Tiruvaanatapuram, Kerala- funded by National Literacy Mission Authority
	Prof. Vanadana Chakravarti Dr. Bhanu Pratap Singh Dr. Prabhakar Chavan Dr. Rohini Sudhakar Dr. Asha Patil Mr. Joy Kutty	6. Submitted Major Commissioned project on, A study of selection of Sakshar Bharat Award- funded by National Literacy Mission Authority
	Dr. Rohini Sudhakar	7. On-going Major project on - 'Assessment of the Needs of the Aged Residing In Mumbai district with Reference To the Schemes Offered To Them by the State'- funded by Rest of Maharashtra Statutory Development Board Mumbai-400032.
	Dr. Prabhakar Chavan	8. On-going Major project on- "A Study of the Effectiveness of the Government Hostel Scheme for Scheduled Tribe Boys and Girls in Maharashtra State" - funded by Rest of Maharashtra Statutory Development Board Mumbai-400032.
	Mr. Joy Kutty	9. On-going Major project on- "A Study of the Usefulness of Housing Units Constructed Under Various Government Schemes Meant for Primitive Tribe Groups in 'Rest of Maharashtra Statutory Development Board' Region" - funded by Rest of Maharashtra Statutory Development Board, Mumbai-400032.

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Continuing and Adult Education and Extension Work, Pune	Dr. Poornima Chikarmane	10. Completed major research project on 'Advocacy for the Rights of Waste Pickers' sponsored by Oxfam India. Research Grant = Rs.14,00,000
		11. Completed major research project on 'Informal Economy Monitoring Study' sponsored by Women in Informal Employment Globalizing and Organizing (WIEGO). Research Grant – Rs. 22,83,000
		12. Completed project on 'Occupational Health and Safety of Waste Pickers' sponsored by Women in Informal Employment Globalizing and Organizing (WIEGO). Research grant = Rs.8,29,125
Economics, Mumbai	Prof. Vibhuti Patel	13. On-going project on 'Occupational Health and Safety of Waste Pickers, sponsored by Women in Informal Employment Globalizing and Organizing (WIEGO). Research grant Rs. 5,80,000
		14. "Livelihood, Employment and Skills for Young Women in Urban India", Status Report, UN HABITAT, 2013
		15. Base Document on Gender for MMRDA, All India Institute of Local Self Government, Mumbai, 2013. Status Report. MMRDA
		16. Socio Economic Profile of Muslims in Maharashtra, Maharashtra State Minority Commission, Government of Maharashtra, Mumbai, 2013. Status Report
		17. "Fiscal Federalism and Equitable Development in India", commissioned by Centre for Culture and Development, ICSSR Centre in Vadodara. Research Monograph
	Dr. Ruby Ojha	18. Background Paper on Gender for Maharashtra Human Development Report, Pune: YASHADA, October 2012. YASHADA. Status Report
		19. Submitted minor project on- Environmental Standards in Automobile Industry: A Comparison of India and Canada (2012)- funded by Centre for Canadian Studies, Under UGC Area Studies Centre, University Department of English, SNDT Women's University, Churchgate, Mumbai
	Mr. Sanjay Phad	20. Submitted Dept. Project on- Socio-economic Profile of Muslims in Parbhani,- funded by Maharashtra State Minority Commission, GoM, Mumbai
	Dr. Kisan Ingole	21. On-going project on: Caste system in India and its Implication on Economic Growth-Funded by University
Economics, Pune	Dr. Medha Deshpande	22. On-going Major Research Project on- Notions of Poverty and Social Exclusion in Development Discourse and its Dynamics among Migrants in Pune City- funded by UGC
Education, Mumbai	Dr. Pravina Tapalia	23. On-going Research project on "Education for Peace" Funded by ICSSR
Education, Pune	Dr. Neha Deo	24. On-going UGC Minor Research Granton- A study of effectiveness of Yoga programme on Emotional intelligence, Adjustment, Anxiety & Social intelligence of M.Ed. students –funded by UGC Minor Research Grant
Educational Technology	Dr. Jayashree Shinde	25. On-going project on "Development of e-content for professional skill development in teacher-training" funded through NMEICT scheme of MHRD, GOI, India. The total project cost is 97 Lakhs.
Food Science and Nutrition, Mumbai	Prof. Shobha Udipi	26. 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. Virendra Nagarale	27. On-going Major Research Project on- "Groundwater Zonation by using landform characteristics in Karha River Basin, Pune District, M.S." –UGC sponsored.

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Geography	Dr. Sachin Deore	28. On-going Major Research Project on- "The quantitative evaluation of soil erosion, A methodological case study of upper Bhima Basin." -UGC sponsored.
Hindi, Pune	Dr. Chandrakant Misal	29. Submitted UGC funded Major Research Project: 'Hindi Cinema me dampatya jivan ke vividh rup', 1950-2012.
History	Dr. Prabha Ravishankar	30. Submitted project on:G.A. Natesan and National Awakening Sponsored by Indian Council of Historical Research, New Delhi
Human Development	Prof. Reeta Sonawat	31. On-going project on- Language Enrichment for Preschoolers-sponsored by Barrington Education Initiative
		32. On-going project on: Development of a Module for Enhancing Teachers' Creative Skills-sponsored by Barrington Education Institute, Switzerland.
		33. On-going project on: Development of a Module for Enhancing Music and Movement Skills in Preschool Teachers-sponsored by Barrington Education Institute, Switzerland.
Marathi, Mumbai	Prof. S G Deshpande	34. On-going project- गत शतक पत्रिका
Music, Pune	Dr. Sheetal More	35. Major project on - "Study of Ragas which are unique to Bhendi Bazar Gharana and has formed an identity of itself with the Gharana-sponsored by UGC
Psychology, Pune	Dr. Ramesh Pathare	36. Submitted Major Research Project on 'A study of emotional intelligence of farmers and perceived success' - U.G.C. sponsored
Resource Management, Juhu	Dr. Archana Bhatnagar	37. On-going project on- Fitness tests for special populations :funded by RM Dept SNDTWU
		38. Completed project- Air quality & its impact on health in Mumbai city
		39. On-going project on- Noise pollution, its impact on children health & performance
		40. On-going project on- Impact of lighting in work environment
Research Centre for Women's Studies, Juhu	Prof. Veena Poonacha	41. Indigenous Knowledge about Health among Tribal Women, 2012
		42. Traditional Knowledge of Contraception in Arabic Medical Literature and its Perpetuation in Oral Tradition of Indian Muslims: An Anthropological Exploration 2012
		43. On-going Project on: Socio-Economic Conditions of Muslim Women in Maharashtra-Funded by Department of Minorities Development State Commission for Minorities, Government of Maharashtra.
Research Centre for Women's Studies, Juhu Awabai Wadia Archives	Dr. Uma Diwan	44. Completed a study on 'Women's traditional health knowledge'
	Dr. Debabrata Lahiri	45. Completed a study on "A Study of Women's Traditional Health Knowledge in Southern Districts of West Bengal"
	Dr. Rosina Nasir	46. Completed a study on "Traditional Knowledge of Contraception in Arabic Medical Literature and its perpetuation in Oral Tradition of Indian Muslims: An Anthropological exploration"

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Research projects by the colleges

Colleges/ Centre	Name of Faculty	Research Projects
C.U Shah College of Pharmacy, Juhu	Dr. K. K. Singh	47. Major on-going project on- Herbal nanoparticulate drug delivery system for topical treatment of psoriasis -U.G.C. sponsored
		48. On-going MODROB project on-Upgradation and modernisation of Industrial Pharmacy Laboratory"-funded by AICTE
		49. On-going Major Research Project on "Design and Evaluation of Surface Modified Nan carriers for Targeting to solid tumours sponsored by DBT
	Dr. S. S. Mahajan	50. On-going project on- Cysteine protease inhibitors as novel antimalarials -funded byICMR
		51. On- going major Research project on-Antimalarial Activity, Design and Synthesis of Cysteine Protease Inhibitors- Funded by UGC.
	Dr. Rajani Athawale	52. On- going major Research project on-Design & Evaluation of Nanocarriers For Treatment of Estrogen Sensitive Breast Cancer, Funded by UGC
53. On-going MODROB project on- Upgradation and modernisation of Industrial Pharmacy Laboratory"(co-ordinator with Dr. K. K. Singh) - Funded by AICTE,Delhi		
54. On-going Minor Research Project on "Evaluation of Various Polymers" sponsored by Ideal cures Pvt. Ltd.		
55. On-going minor research project on- Wound Healing Activity of medicinal plant formulations- funded by Ari Health Care, Pune.		
Dr. P. A. Tatke	56. On-going major research project on "Development and Validation of HPLC Method for Marker Compound and Bioactive as per ICH Guidelines sponsored by NNPB Department of Ayush.	
	57. On-going Minor Research Project on "Novel Extraction Techniques for Isolation of Biomarker for medicinal Plants" sponsored by AICTE	
	58. UGC Sponsored Ongoing Major Research Project on "Biodiversity Guided Screening of Some Medicinal Plant extracts against Oxidative Stress related Complication".	
L T College of Nursing	Ms. Nancy Fernandes, Ms. Avani Oke and Ms. Devita Nalawade	59. Completed minor project on -Identification of the mental health problems among children in a selected community in Mumbai
	Ms. Rani Shetty	60. Completed minor project on- A study to assess the level of awareness of staff nurses regarding hospital emergency incident command system (HEICS) in selected hospital in Mumbai
	Ms. Leena Kootingal, MSc. Nursing students of Psy. Nursing speciality	61. An exploratory study to assess the stress experienced and strategies adopted by adolescents of child abuse in Mumbai.
	Ms. Rani Sheety, Ms. Shobha Gaikwad, Ms. Chitre N	62. Departmental project on- A study to assess the knowledge and attitude of patients living with HIV/AIDS.
SNDT College of Arts and C B Shah college of Commerce for Women, Mumbai	Dr. Putul Sathe	63. On-going Research Project on "Reading Diaspora Text of Indo Canadian Women Writers sponsored by UGC Area Study Centre for Canadian Studies, SNDTWU, Churchgate
	Mr. Kishor Kadam	64. Major research project on "Socio-Economic Profile of Muslims In Maharashtra" sponsored by Maharashtra State Minority Commission Mumbai

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SNDT Arts and Commerce College for Women, Pune	Dr. Manasee Rajhans	65. Submitted project on- Enhancing Self-development of college student thought curriculum based on Manobodh & Dasbodh July, 2012 to March, 2013 -funded by Jngana Prabodhini Institute of Psychology Pune-30
SNDT College of Education, Pune	Dr. Gautam Londhe	66. On-going project on- Right To Education –funded by UGC.
	Dr. Sangita Shirode	67. On-going project on- Preparation of a enrichment programme for developing conceptual clarity of content of mathematics among student teachers and study of its efficacy –funded by UGC.
SNDT college of Home Science, Pune	Dr. Manik Dixit	68. Minor research Project - Strengthening environment education by its linkage with Ecotourism : funded by UGC.
SVT College of Home Science, Juhu	Ms. Madhuri Nigudkar	69. On-going Research Project on “Estimation of Resistance Starch Content of Selected Routinely Consumed Indian Food Preparations” funded by the UGC
	Dr. Sunanda Chande Ms. Kamini Pradhan	70. Major Research Project on- A study of Home Science Institutes- Industry Linkage’ -funded by UGC.
	Dr. Jagmeet Madan Dr. Khorshed Mistry Ms. Madhuri Nigudkar	71. Urban Nutrition Project: funded by Pfizer Products (I), Pvt. Ltd., Mumbai
	Dr. Rekha Battalwar	72. Good Nutritional Practices in the Management of Industrial Canteen’- funded by Hindustan Petroleum Corporation Ltd, Mahul, Mumbai
	Ms. Suman Mundkar	73. 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.
Usha Mittal Institute of Technology, Mumbai	Dr. Sunanda Chande	74. On-going research project on: ‘A Study of Home Science Institutes and Industry Linkage’, funded by UGC grant of Rs. 6,54,200.
	Dr. Sanjay Pawar Dr. Shikha Nema	75. Completed Minor Research Project on ‘Project Oscar’ sponsored by IIT Mumbai as Domain Owner. Grant amount Rs. 3 Lakhs

Student Research

All Post Graduate departments offer Ph. D. programmes and during the year 2012-13. During the year 71 students were awarded Ph. D. Degrees under various Faculties (Appendix D provides information on the student research)