

**LIST OF SELECTED - PROPOSALS**  
**SCIENCE PROJECTS IN COLLEGE EDUCATION (SPICE)**  
**(FY 2014 -15)**

Sl. No	Proposal No.	Name of the College & Place	Name of the Student	Project Title
1	09	KLE University's College of Pharmacy, Bangalore	1) Mohit Pateriya	Deformable liposomes intended for nose to brain delivery of Rasagiline Mesylate
2	24	Padmashree Institute of Management and Science, Bangalore	1) Kalisa Amarsingh Bogati 2) Laipubam Bhaskar Sharma	Endophytic Fungi from <i>Camptotheca Acuminata</i> as a potential source of Camptothecin – An Anticancer Agent
3	55	BVVS Ayurved Medical College and Hospital, Bagalkot	1) Josma T Joseph 2) Divya Mehta	Efficacy of Gandusha on oral health : A potential Natural Ayurvedic Remedy for Gutkha Chewers
4	85	Karnatak University, Dharwad	1) Basharat Hussain 2) Guruprasad Hegde	Silver Nanowires based large Area conducting Glasses using automated X – Y Manipulated spray system
5	87	University College of Science, Tumkur	1) Supriya GM	Synthesis, structural studies and biological activity studies on Pyroglutamic Acid derivatives
6	124	Dayananda Sagar College of Pharmacy, Bangalore	1) Manasa 2) Sowmya	Consequence of platelet count or oral consumption of cow urine in rats
7	173	T. John College of Pharmacy, Bangalore	1) Megha V 2) Dibakar Paul	Formulation and Evaluation of Suppositories using pomegranate peel extract for the treatment of Hemorrhoid (piles)
8	180	JSS College of Pharmacy, Mysore	1) Basavaprabhu	Identification of natural products for treatment of thrombocytopenia associated hemorrhagic diseases
9	181	Amrita School of Engineering, Bangalore	1) Parvathy Pillai	Online monitoring of Geological CO <sub>2</sub> storage and leakage based on wireless sensor networks
10	226	Yuvaraja College, University of Mysore, Mysore	1) Kiran Chakravarthy S 2) Anurag A.P	Nano synthesis of cadmium selenide and degradation of volatile organic compounds using the nanostructured materials
11	256	Rani Channamma University, Bhutaranahatti, Belagavi	1) Suchitra V. Yadav 2) Uzma Kshanatti	Eco-Friendly Microwave Preparation of Cu-ZnO Metal Oxides for Photovoltaic Cells
12	260	Mount Carmel College, Bangalore	1) Priyanka Gopi 2) Dona Mathew	Studies on recovering soluble Sericin from Effluents of Raw silk processing units by Chemical method

13	282	Indian Academy Degree College, Bangalore	1) Hari Sofia 2) Subhashree Behera	Effect of Wheat grass ( <i>Triticum Aestivum</i> ) on Wound healing related proteins (Syndecan4 and Tissue Transglutaminase) on fibroblast cell lines
14	288	CMR Institute of Management Studies, Bangalore	1) Priyanka K. 2) Manohar N.	Study of impact of dietary glucosinolate level on Hypothyroidism
15	292	Maharani Science College for Women, Bangalore	1) Shwetha C. 2) Nirmala K.	Fabrication of Antireflecting Coating on Silicon by Metal Assisted Chemical Etching
16	293	Maharani Science College for Women, Bangalore	1) Madhuramurthy M. N. 2) Pavana A. Bhat	Preparation, Comparative Study of Ag-PVA-Ag, Al-PVA-Al and Au-PVA-Au as Humidity Sensors
17	312	St. Aloysius College, Mangalore	1) Roshni Pereira 2) Umaira Khan	Synthesis of High Strength Polymer Films for Water Purification Through Reverse Osmosis
18	346	R. R. College of Pharmacy, Bangalore	1) Ramesh Raj Padhaya	Isolation of Thrombolytic Principles from the Plant Madras Nelli
19	357	Bangalore University, Bangalore	1) Dinesh R. 2) Nagashree	Biodegradation of Dye and Organic Pollutants using catalase immobilized on magnetic nanoparticles
20	384	J.S.S. College of Art, Commerce and Science, Mysore	1) Savyasachi S. 2) Sachhidananda S.	Tuning the refractive index of Poly (Vinyl Alcohol) Nanocomposites for Anti reflection coating applications
21	401	St. Aloysius College, Mangalore	1) Asha Hegde 2) Sushma	Study on Electromagnetic Radiation from Cell Phone towers and their effects on Animals, Plants and Environment
22	427	M.S. Ramaiah College of Pharmacy, Bangalore	1) Arjun Jadav S	Development of Mucoadhesive Nasal inserts containing Anti-Asthmatic Drug
23	440	Karnatak University, Dharwad	1) Mahesh S. Najare 2) Sunita V. Kurahatti	Highly efficient organic light emitting bis-oxadiazole derivatives as Fluorescent probes
24	446	Alva's College, Moodabidri	1) Chaithanneya 2) Deepa P.R	Antimicrobial, antioxidant and wound healing properties of leaf, bark, fruit extracts and silver nanoparticles of <i>Samadera indica</i> Gaertner
25	488	I.D.S.G Government College, Chikmagalur	1) Monika L 2) Chandana Mavinakere	Isolation and characterization of polyphenol oxidase from <i>Artocarpus altilis</i> (Bread fruit)
26	499	Govt. Arts & Science College, Karwar	1) Ankit G. Naik 2) Darshan C. Naik	Tuning the band gap of conducting polymers for plastic electronics
27	510	Shri D.G.M Ayurvedic Medical College & Hospital, Gadag	1) Shreerakhsa 2) Sonali Mukherjee	Phytochemical Study and Evaluation of Antioxidant Property of Nagakesara ( <i>Messua Ferrea</i> ) – An Experimental Study
28	548	BMS College for women, Bangalore	1) Champaka R 2) Abhijna K	Study of invitro antioxidant and antimicrobial activities of <i>Carica papaya</i> leaves

29	549	Nitte Gulabi Shetty Memorial Institute of Pharmaceutical Sciences, Bangalore	1) Sofia Sunny 2) Thrpthi Shetty	Formulation and Evaluation of Anacardium occidentale Gel for antimicrobial property in periodontal diseases
30	567	SJR Degree College for Women, Bangalore	1) Prathyusha A 2) Lavanya K	Low cost method of preparation of graphene by green synthetic method and its application in water purification and super capacitors
31	571	Yuvaraja College, University of Mysore, Mysore	1) Shilpa C.R. 2) Nandini K.N	Nano BF <sub>3</sub> .SiO <sub>2</sub> : A Green heterogeneous Solid acid for synthesis of azo dyes under solvent – free condition
32	592	Reva University, Bangalore	1) Puneeth Kumar K. S 2) Nikhil C. Y	ZrO <sub>2</sub> :RE nanophosphor for Low Cost White light LED
33	622	BVVS Ayurved Medical College & Hospital, Bagalkot	1) Shakti Hiremath 2) Ashwini Nayaka	In Vitro experimental study on Haemostyptic & Wound Healing Activity of Tridax Procumbens (Jayanti) on Abrasion wounds
34	636	CMR Institute of Management Studies, Bangalore	1) Chhaya Dubey 2) V. Tulasi	Investigation of novel drug molecule lovastatin for anti hypercholesterolemia from Oyster mushrooms
35	649	Vijaya College, Bangalore	1) Suman G. V. 2) Srinivasa V.	Antioxidant Acitivity of Crude Extract of Banana Stem and Evaluation of Solvent potential to dissolve Uric Acid and Struvites
36	662	Sahyadri Science College, Shivamogga	1) Chaitra N.K 2) Sayed Hafeez	Invitro Efficiency of Stem Extracts of Bamboo Varieties of Western Ghats on Kidney stones.
37	681	St Agnes College, Mangalore	1) Dena Maria John	Synthesis of Graphene by chemical vapour deposition method
38	688	Tumkur Unversity, Tumkur	1) Sandhya K.C 2) Ramyashree DH	Graphite oxide as absorbent/ photocatalyst for the degradation of water soluble toxic dyes
39	691	Sree Siddaganga College for Women, Tumkur	1) Divyashree.S.M 2) Bhavyashree .M	Growth and Characterisation of Non Linear Optical single crystals grown by slow Evaporation Technique
40	722	Rani Chenamma University, Belgaum	1) Amruta Kale 2) Rajeshwari Pani	Nanocrystalline Reduced Graphene Oxide (rGO) embedded with metal ions for Biomedical Application

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