

University of Pune
Board of College & University Development
University Level Avishkar -2010 (20th December 2010)
List of Projects Selected for Workshop

Medicine & Pharmacy

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	M&Ph/UG/3	Development of Cow Dung Based An Ecofriendly Herbal Mosquito Repellant	Shendye Ninad Palve Rahul
2	M&Ph/UG/1	Use of Plant essences in making natural bath & body products	Dipen Parande
3	M&Ph/UG/7	Elucidation of Antibacterial Mechanism of Polysaccharide From Aloe Mucilage Autophagy Mediated Indirect Mechanism	Ghelani Aazam Malagi Ketki
POST GRADUATE			
4	M&Ph/PG/25	Miniature Sized fluidized bed Dryer	Sawant Ashok U. Gilani Imran S.
5	M&Ph/PG/24	Formulation & evaluation Polyherbal Toothpaste against Oral Flora of the	Pujari Savitri K. Joshi Prajakta P.
6	M&Ph/PG/18	Removal pf Phenol from Industrial effluent with the help of micro organisms and natural sources	Juhi Shah Dhanashri Nevgi
POST P.G. (M.Phil/ PhD)			
7	M&Ph/PhD/38	Design and functioning of new flow chamber Bioreactor for Skin Tissue Engineering Applications	Badhe Ravindra V.
8	M&Ph/PhD/37	An Isolated chicken Ileum: An Alternative to Laboratory animals for Isolated Tissue Experimentation	Undale Vaishali R.
9	M&Ph/PhD/39	MWI assisted Synthesis & Biological evaluation of Novel Condensed 2H -4 - Aryl Amino Pyrimidines	Phoujdar Manisha
TEACHERS			
10	M&Ph/TG/41	Novel Conversion of Multistep Reactions into Rapid one pot MCR under MWI for Synthesis of Potentially Bioactive Heterocycles	Dr. Jain K. S.
11	M&Ph/TG/40	Programing Nanoassemblies as Therragnostic entity for Disease Corresponding mi RNA Architecture with gold Nanopatricles : A Proof of Concept	Dr. G. R. Aland

Engineering & Technology

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	Engg/Arch/UG/07	ALMA –Post disaster temporary structure	Bhagyashree N. Pansare
POST GRADUATE			
2	Engg/Arch/PG/07	Critical Landscape Appraisal of Proposed Concept of Mutha Waterway	Swapna Shastri
3	Engg/Arch/PG/08	Study of Landscape at Confluence sites along River Krishna	Neha Kulkarni

Mechanical

UNDER GRADUATE			
4	Mech/UG/1	Performance Analysis of Dual purpose refrigeration system using LPG (Hydrocarbons) as Refrigerant.	Sanket deore Sarvesh Deogawlar
5	Mech/UG/5	Power generation using vertical axis wind turbine (VAWT) for residential use	Ajay N. Malshe Ketan C. Ganu
6	Mech/UG/4	Prevention of car to roll unnecessarily on the reversed side	Imran Desai Ambuj Jain

Civil

7	Civil/UG/2	Design of steel Shuttering for high Level Bridge	Thorat Mrudula Parab Arti
8	Civil/UG/4	Feasibility Study of domestic waste Management at Household Level	Vinayraj Sugathan Abhijeet Belapure
9	Civil/UG/6	Use of Photocatalyst TiO ₂ to reduce Vehicular Pollution	Priyanka Hirave Sagar Shah
10	Civil/UG/7	Package Anaerobic Bioreactor	Shreyas Alai Abhishek Kumar Singh
POST GRADUATE			
11	Civil/PG/8	Experimental study of fiber reinforced blended concrete beams in shear	Shinde Sumant Nivrutti
POST P.G (M.Phil/PhD)			
12	Civil/PhD/9	Anaerobic Bioreactor Landfill for Bio- Stabilization and Green Renewable Energy Generation from Municipal Solid Waste: A case Study	Sandip T Mali

Electronics**UNDER GRADUATE**

13	Etx/UG/1	Smart Wheelchair	Ankit Agrawal
			Rama Mehta
14	Etx/UG/3	Electronic Ticket Machine	Nivedita N Joshi
			Pranali Jawharkar

Electronics & Telecommunication

15	E&T/UG/1	Handeheld Oxiloscope	Kartik Pagar
			Rohan Patil
16	E&T/UG/2	P.C.Controle by Remote	Nikam Poonam
			Deshpande Deepti
17	E&T/UG/4	USB to USB bridge	Anuj Dubay
			Hatim Bookwala

POST GRADUATE

18	E&T/PG/8	PANORAMIC VIEW GENERATION From Image Acquired By moving Camera	Prajakta Sangale
19	E&T/PG/9	Design And Implement Intelligent Vending Machine	M. M. Lanjewar

TEACHERS

20	E&T/TG/10	Dynamic scene interpretation using digital image processing for real time applications	Omkar Sheral
			Swapnil Sumbhe

Instrumentation**UNDER GRADUATE**

21	Inst./UG/1	CS for flash Annealing france	Yash Pasekar
			Trupti Chavan

Computer/ Information Technology

22	IT /UG/10	Biometirc Cryptosystem Using Fuzzy Vault for Fingerprints	Sayali Nagawade
			Nirali Joshi
23	Com./UG/4	Implementation of Hybrid Transactional Memory	Prachi Kulkarni
			Shweta Kulkarni
24	Com./UG/8	To provide multiple initiator support to FCoE by converting point-to-point topology to star topology along with initiator authorization.	Harshada Khirsagar
			Pooja Ramrakhyan

Chemical**POST GRADUATE**

25	Chem./PG/6	Simulation and modeling of liquid emulsion membrane for phenol removal using MATLAB	G. P. Deshmukh
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Biotechnology**UNDER GRADUATE**

26	BT/UG/1	Design of Eco-Friendly infant comfort incubator	Neha Gujar Prabhjot Singh
27	BT/UG/2	Production of novel "Brewers Bread" for prevention of diabetes	Madhuri Kudekar Shejal Jamdade
28	BT/UG/4	Isolation, extraction and purification of Rebaudioside from <i>Stevia Rebaudiana</i> , study on model organisms and plant Engineering	Rohit Shahakar Srishty Anand
29	BT/UG/3	Increase in yield of <i>Jatropha Carcus</i> using somatic Embryogenesis	Deepti Panchratna Yashodhan Panse

Production Engineering

30	Prod/UG/1	Development and hybridization of EDM and ASM	Hrishikesh Kulkarni Akash Shrivastava
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Pure Science

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	PSc/UG/8	Screening Of Plant Derived Secondary Metabolites That Promote The Axon Regrowth After Spinal Cord Injury	Padhye Ira Vig Nupur
2	PSc/UG/2	Biosynthesis of silver nanoparticles using plant (Tinospora cordifolia) extract	Nirakar Basnet Kshiti Phulphagar
3	PSc/UG/19	Biotechnological Implementation of Aerobic Bacterium Zoogloea ramlgera in the sewage Treatment	Syed Tahreem Ah.Ali Shabeena Bano Riyaz Ab.
4	PSc/UG/11	Biofilm Production By oral Microflora and Its Control In Pediatric cancer Patients Under Radiotherapy Treatment	Kendre Gajanan Kaur Sukhabir
5	Psc/UG/16	Efficiency of rhizobium strain as a bio- fertilizer for chickpea (cicer arietinum L)	Navale B. A Pandit M. K.
POST GRADUATE			
6	PSc/Pg/37	Improvement Quality of Coal by Chemical Treatment.	Hase Goraksha, Kote Vikas
7	PSc/Pg/39	Biomimetic Robotic Arm	Kedare Hemant Arun
8	PSc/Pg/32	Waste water treatment a new approach with power generation	Patil Rahul
9	PSc/Pg/45	Waste Leather Degradation; a boon to mankind	Vijayalakshmi Poojari Tanvi Kulkarni
POST P.G (M.Phil/PhD)			
10	PSc/PhD/51	Effects of chinorotation on growth and yield in field grown rice	Sagar Jagtap
11	PSc/PhD/53	Synthesis of Zononanorods by Spray pyrolysis Technique & its Gas sensing Application	Ganesh Eknath Patil
12	PSc/PhD/55A	Prediction of growth pattern of Landsat Data Using CA Tech.	Patil Manisha B.
TEACHERS			
13	PSc/TG/56	Elemental Analysis of some Ayurvedic Formulations from India	Pardeshi B. M

Agriculture and Animal Husbandry

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	A&AH/UG/14	A novel nanotechnique for production of sugar from starch	Parul Sharma Anjali Vyas
2	A&AH/UG/12	Histological Alteration in Fish Exposed to Monocrotophos	Priyanka Vijaykant Aher Pooja Sunil Deokar
3	A&AH/UG/1	Caralluma fimbriata the new age appetite suppressant	Arishma Yadav
POST GRADUATE			
4	A&AH/PG/25	Identification of Mutant specific DNA Lands for SCAR	Tahsin Kazi
5	A&AH/PG/25A	Production of Algaeoleum as a Non- Conventional Diesel Source	Yeole Sameer Dilip
6	A&AH/PG/21	Novel Method for Preparation of Ethanol.	Mule Varad Pawar Rohit
POST P.G. (M.Phil/Ph.D)			
7	A&AH/PhD/26	Novel Liquid Organic Fertilizer	Gopal B. Deore Yogesh Dushing
TEACHERS			
8	A&AH/TG/28	A unique formulation to control oily spot disease of pomegranate	S.L.Laware
9	A&AH/TG/27	New Innovative Cultivation techniques of Shatavari (Asparagus racemosus Willd) for maximum Production of tuberous roots	P.S. Kabnoorkar S. S. Deokule

Commerce, Management, Law

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	CML/UG/1	A Study of Impact of levy of Income Tax on selected Urban Co-Operative Banks	Shirole Pranav C. Sagar Shah
2	CML/UG/6	National Programme of Nutritional support to primary education Mid-Day Meal Scheme – Issues and Challenges for Maharashtra Study of the Scheme in Amednagar District.	Gaikwad Stephan Saloman Pawar Pradip Ramesh
3	CML/UG/11	Udyachasamajghadavinarya anganwa Disevakancha abhyas	Khandizod Pooja
POST GRADUATE			
4	CML/PG/16	Currency Derivatives	Patil Vinit Vitthal
5	CML/PG/25	Paradigm ship to performance appraisal system- a case study approach	Kasmini Singh Sakeb khan

Humanities, Languages, Fine Arts

Sr. No.	Code	Title of Project	Name of the Student
UNDER GRADUATE			
1	HLA/UG/17	Conceptual understanding of Youth	Vishvakarma Anshumala Chanardan
2	HLA/UG/27	Astudy-social,economic & geographical observations of Ashtapur village	Kotwal Sujata Bhandare Priyanka
3	HLA/UG/25	Stress management	Harpale Amruta Kunale Shashikala
4	HLA/UG/26	Cost benefit analysis of water resource agricultural development in Shirur Tahasil of Pune district	Pol Mangesh Kamthe Ganesh
POST GRADUATE			
5	HLA/PG/37	A Comparative study of state and trait anxiety among college students having internal and external locus of control	Phansalkar Sukanya Sudhir
6	HLA/PG/28	A comparative study of Sattwic, Rajasic & Tamasic diet in relation to mental health & anger	Susmeeta R. Katarki
7	HLA/PG/30	Emotional Intelligence & adjustment among adolescents & young adults	Shruti D. Lahoti
8	HLA/PG/29	Quality of life in Cancer patients	Shubhangni Seth
POST P.G. (M.Phil/Ph.D)			
9	HLA/Ph.D/45	संत तुकारामांचे स्वराज्य स्थापनेसाठीचे अभंग	Kale Uma Uttam
10	HLA/Ph.D/46	Flood risk Analysis of the river Godavari in Maharashtra: A geoinformatics approach	Jadhav Madhav S.
11	HLA/Ph.D/47	A Geomorphic Analysis of Yerla Besin for Watershed Management	Talore N. V.
TEACHERS			
12	HLA/TG/48	Role of College Departments in rural Development : A case study	Prin Nitin Ghorpade Dr. Shitol T. A

Dr. Mohan Waman
OSD/BCUD

Dr. Wasudeo Gade
Director, BCUD