



Visvesvaraya Technological University

"Jnana Sangama", Belgaum – 590 018, Karnataka State

REGISTRAR

Phone: (0831) 2405468

Fax : (0831) 2405467

Ref. No VTU / Aca. / 2010-11 / A-9 /6776

Date: 08 sep 2010

Following is the schedule for presentation by the Investigators of short-listed project proposals 2010-11:

The Investigators have to give 15 minutes PPT presentation with 10 to 12 slides which should cover the following:

- 1) Justification for the project
- 2) Aims and goals
- 3) Methodology
- 4) Financial Outlay

Stream: III - Electrical & Electronics Engineering and Instrumentation

Venue of Presentation: Chairman's Room, Dept. of Instrumentation, Indian Institute of Science, Bangalore

Official letters are already dispatched.

Sd/-

REGISTRAR

SCHEDULE FOR PRESENTATION

Sl. No.	Name of the Institute	Title of the Proposal	Name of Investigators	Dept.	Date & Time
III/9	B N M Institute of Technology, Bangalore	Real time detection, measurement & classification of partial discharge signals & power quality disturbance using GUI & DSP applications	Dr. Vidya H A (PI) Sri Venkatesha K (CoI)	E & E	13-09-2010 10.30 a.m. to 10.50 a.m.
III/29	Dr. Ambedkar Institute of Technology, Bangalore	Design and Development of Autonomous Wheeled Robotic Systems for Outdoor Applications	Dr. M Meenakshi (PI)	Instru. Tech.	13-09-2010 10.50 a.m. to 11.10 a.m.
III/32	East Point College of Engineering & Technology, Bangalore	Development of IP Encryptor	Dr. A R Reddy (PI) Sri R Elumalai (CoI)	E & C	13-09-2010 11.10 a.m. to 11.30 a.m.
III/34	Gogte Institute of Technology, Belgaum	Development of Miniature instrumentation and fatigue life algorithm for structural health monitoring	Prof. D R Joshi (PI) Prof. Sadashiv Balappa Halbhavi (CoI)	E & E	13-09-2010 11.30 a.m. to 11.50 a.m.
III/35	Gogte Institute of Technology, Belgaum	Evanescent Wave Fiber Optic	Dr. Vijay K Kulkarni (PI) Dr. Raviraj M Kulkarni (CoI)	Physics	13-09-2010 11.50 a.m. to 12.10 p.m.
III/45	Maharaja Institute of Technology, Mysore	Electric and Magnetic Properties of Multiferroic Systems	Dr. Vijayalakshmi Dayal (PI)	Physics	13-09-2010 12.10 p.m. to 12.30 p.m.
III/47	Malnad College of Engineering, Hassan	Development of MEMS accelerometer based three phase squirrel cage induction motor fault diagnosis unit using DSP and FPGA implementation	Dr. Vishwanath Hegde (PI)	E & E	13-09-2010 12.30 p.m. to 12.50 p.m.
III/66	Reva Institute of Technology & Management, Bangalore	Cognitive Agent Based Resource Estimation and QoS Routing Management in Mobile Ad Hoc Networks	Sri Rajashekhar C Biradar (PI) Dr. Sunilkumar S Manvi (CoI)	E & C	13-09-2010 12.50 p.m. to 1.10 p.m.
III/68	Reva Institute of Technology & Management, Bangalore	Battery Management system for Electric vehicle	Dr. B P Divakar (PI) Sri K S Venkatesh Prasad (CoI)	E & E	13-09-2010 1.10 p.m. to 1.30 p.m.
III/78	Siddaganga Institute of Technology, Tumkur	Exploring novel approach for speaker recognition in a multispeaker environment	Dr. R. Kumaraswamy (PI) Smt. Veena Karjigi (CoI)	E & C	13-09-2010 2.00 p.m. to 2.20 p.m.

III/1	Acharya Institute of Technology, Bangalore	Enhancing Income Generation amongst Villagers in North Bangalore	Dr. Bagali (PI) Dr. Satya S (CoI)	MBA	13-09-2010 2.20 p.m. to 2.40 p.m.
III/53	R N S Institute of Technology, Bangalore	Measuring Employability of Engineering and Management students and preparing for job growth - Employer's Perception on Person-Job fit in Karnataka	Dr. U Bhojanna (PI) Mrs. D Tamizharasi (CoI)	MBA	13-09-2010 2.40 p.m. to 3.00 p.m.
IV/55	New Horizon College of Engineering, Bangalore	Analysis and Impact of using Electronic Resources in Engineering Colleges of VTU, Karnataka	Sri Anitha S Rai (PI) Mr. Prasanna Kumar (CoI)	Library	13-09-2010 3.00 p.m. to 3.20 p.m.
IV/80	S D M College of Engineering & Technology, Dharwad	Educating the Engineers of 2020	Sri Shivanagowda G M (PI) Sri S S Navalgund (CoI)	CSE	13-09-2010 3.20 p.m. to 3.40 p.m.

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Stream: I - Civil Engineering

Venue of Presentation: VTU Regional Office, 1st Block, Jayanagar, Near Ashoka Pillar, Bangalore

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SCHEDULE FOR PRESENTATION

Sl. No.	Name of the Institute	Title of the Proposal	Name of Investigators	Dept.	Date & Time
I/3	Basaveshwar Engineering College, Bagalkot	Study on the properties of Reactive Powder Concrete	Mr. Santosh M Muralan (PI) Dr. R B Khadiranaikar (CoI)	Civil Engg.	13-09-2010 11.00 a.m. to 11.20 a.m.
I/5	Dayananda Sagar College of Engineering, Bangalore	Studies on Environmental Effects of On-site Sanitation Systems in Rural & Semi-urban Areas & Mitigate Measures of Technical Options	Dr. H K Ramaraju (PI) Sri B T Shivendra (CoI)	Civil Engg.	13-09-2010 11.20 a.m. to 11.40 a.m.
I/6	Dr. Ambedkar Institute of Technology, Bangalore	Study on indoor air quality and health in low income areas of Bangalore	Dr. C Nanjunda Swamy (PI) Mr. R Madhusudan (CoI)	Civil Engg.	13-09-2010 11.40 a.m. to 12.00 noon
I/7	Dr. Ambedkar Institute of Technology, Bangalore	Health Monitoring, Repair and Rehabilitation of RC Structural Elements	Dr. B Shivakumaraswmy (PI) Smt. S Vijaya (CoI)	Civil Engg.	13-09-2010 12.00 noon to 12.20 p.m.
I/11	Global Academy of Technology, Bangalore	River mouth Dynamics, Siltation and sediment movement around the Mulki-Pavanje river mouth, Central West Coast of India	Dr. Shalini R (PI) Dr. V S Hegde (CoI)	Civil Engg.	13-09-2010 12.20 p.m. to 12.40 p.m.
I/13	K S Institute of Technology, Bangalore	Generation of Metal oxide Nanoparticles for Ground water applications-A low-cost and Eco-friendly method	Dr. H B Muralidhara (PI) Dr. Y Arthoba Naik (CoI)	Chemistry	13-09-2010 12.40 p.m. to 1.00 p.m.
I/16	M S Ramaiah Institute of Technology, Bangalore	A study on the Bucking Resistance & Behavior of self compacting fibre reinforced Concrete filled Tubular columns	Dr. K U Muthu (PI) Mr. H Ravi Kumar (CoI)	Civil Engg.	13-09-2010 1.30 p.m. to 1.50 p.m.
I/17	Malnad College of Engineering, Hassan	Experimental and computational approach to study soil dynamic deformation characteristics	Dr. Karisiddappa (PI) Mr. Ramegowda (CoI)	Civil Engg.	13-09-2010 1.50 p.m. to 2.10 p.m.
I/23	P E S College of Engineering, Mandya	Utilization of Recycled PolyEthylene Terephthalate (PET) Modifier in Bituminous Mixes	Dr. S P Mahendra (PI) Sri K V R Prasad (CoI)	Civil Engg.	13-09-2010 2.10 p.m. to 2.30 p.m.
I/24	R V College of Engineering, Bangalore	Strength of Hollow Concrete Block Walls for High Rise Buildings	Dr. M V Renukadevi (PI) Mr. Manjunath S (CoI)	Civil Engg.	13-09-2010 2.30 p.m. to 2.50 p.m.

I/26	S D M College of Engineering & Technology, Dharwad	Sedimentology and Geochemistry of Shelf Sea Sediment cores (Arabian Sea): Implications for late Holocene Climate and Sea level changes	Dr. V S Hegde (PI)	Civil Engg.	13-09-2010 2.50 p.m. to 3.10 p.m.
I/27	S D M College of Engineering & Technology, Dharwad	Sedimentation in Micro watershed: a-case study of the Varada Basin	Mrs. Tejaswini N Bhagwat (PI)	Civil Engg.	13-09-2010 3.10 p.m. to 3.30 p.m.
I/29	The Oxford College of Engineering, Bangalore	Design of Eco-friendly Bottom Liner for Municipal Solid Waste Landfills	Sri Arekal Vijay (PI) Dr. Vijayalakshmi Akella (CoI)	Civil Engg.	13-09-2010 3.30 p.m. to 3.50 p.m.

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- 4) Financial Outlay

Stream: III - Bio-Technology, Bio-Medical & Chemical Engineering

Venue of Presentation: Seminar Hall, 1st Floor, Dept. of Instrumentation, Indian Institute of Science, Bangalore

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SCHEDULE FOR PRESENTATION

Sl. No.	Name of the Institute	Title of the Proposal	Name of Investigators	Dept.	Date & Time
III/5	Acharya Institute of Technology, Bangalore	Evaluation of Antifungal Potential of selected Medicinal plants on Spoilage Fungi of Fruits and Vegetables	Dr. K Sumangala Bhat (PI) Prof. P Narayanan Unni (CoI)	Bio-Technology	13-09-2010 10.30 a.m. to 10.50 a.m.
III/8	B L D E A College of Engineering & Technology, Bijapur	Study on Antidiabetic Effects of Aqueous Extract of some Indigenous Plants available in North Karnataka and their Interaction with some heavy metals	Dr. Mrs. Swastika N Das (PI)	Chemistry	13-09-2010 10.50 a.m. to 11.10 a.m.
III/12	Ballari Institute of Technology & Management, Bellary	Role of Phosphate Solubilizing Micro-Organisms as a Plant Growth Promoting Bacteria	Dr. Malipatil S G (PI) Dr. Raju K M (CoI)	Bio-Technology	13-09-2010 11.10 a.m. to 11.30 a.m.
III/13	Ballari Institute of Technology & Management, Bellary	Study on Microbial Deterioration of Coolant in Steel Industry & Oxylipin as possible remedial agents	Mrs. Badrunnisa S (PI) Smt. Gowri B (CoI)	Bio-Technology	13-09-2010 11.30 a.m. to 11.50 a.m.
III/17	C M R Institute of Technology, Bangalore	New Insights into the development of nano particles and advanced enzyme aided biosensor to study the degradation of ecologically harmful pollutants	Dr. B Narasimha Murthy (PI) Dr. K B Rekha (CoI)	Chemistry	13-09-2010 11.50 a.m. to 12.10 p.m.
III/20	C M R Institute of Technology, Bangalore	Bio sensor for analysis of organophosphorous pesticides in food and environmental samples	Dr. K Rekha (PI) Dr. B Narasimha Murthy (CoI)	Bio-Technology	13-09-2010 12.10 p.m. to 12.30 p.m.
III/25	Don Bosco Institute of Technology, Bangalore	Identification of Organic Pollutants Present in Ambient Air	Dr. H S Puttanna (PI) Sri B R Rudresh Gowda (CoI)	Science & Humanities	13-09-2010 12.30 p.m. to 12.50 p.m.
III/31	East Point College of Engineering & Technology, Bangalore	Synthesis of bioactive hydroxyl apatite using waste materials from marble industry (Marble Slurry Powder) and power plants (fly ash and fly ash cenospheres) and evaluation of its properties	Dr. Pushpa Iyengar (PI)	Chemistry	13-09-2010 12.50 p.m. to 1.10 p.m.
III/37	K V G College of Engineering, Sullia	Conductometric and Ultrasonic Investigations on Benzoic Acid and Oxalic Acid in Protic Solvent Mixtures under varying conditions	Dr. H R Shivakumar (PI) Mrs. Surekha M (CoI)	Chemistry	13-09-2010 1.10 p.m. to 1.30 p.m.
III/40	M S Ramaiah Institute of Technology, Bangalore	Two-Phase model of blood flow by inserting a catheters under the influence of external forces	Dr. G Neeraja (PI) Dr. Dinesh P A (CoI)	Mathematics	13-09-2010 2.00 p.m. to 2.20 p.m.

III/43	M S Ramaiah Institute of Technology, Bangalore	Investigation of DNA binding and Nuclease activity of Transition metal complexes of Thiosemicarbazones and Semicarbazones	Dr. P Murali Krishna (PI) Mr. B C Yallur (CoI)	Chemistry	13-09-2010 2.20 p.m. to 2.40 p.m.
III/49	P E S Institute of Technology, Bangalore	Fermentative production of Vinegar using improvised all stainless steel (SS) cascade bed acetator from alcoholic musts with immobilized Acetobacter spp	Dr. Uma M V (PI) Dr. V Krishna Murthy (CoI)	Bio-Technology	13-09-2010 2.40 p.m. to 3.00 p.m.
III/50	P E S Institute of Technology, Bangalore	Microbial based bio-diesel production through a novel photo-bioreactor	Dr. Roshan Makam (PI) Dr. V Krishna Murthy (CoI)	Bio-Technology	13-09-2010 3.00 p.m. to 3.20 p.m.
III/51	P E S Institute of Technology, Bangalore	Ontology based Clinical pathways for Diabetes Management	Dr. A Srinivas (PI) Mr. D Krupesha (CoI)	C S E	13-09-2010 3.20 p.m. to 3.40 p.m.
III/56	R V College of Engineering, Bangalore	Haploid plant regeneration from Anther and microspore cultures of cotton (<i>Gossypium hirsutum</i> L)	Dr. H. G. Ashok Kumar (PI) Dr. Pushpa Agrawal (CoI)	Bio-Technology	13-09-2010 3.40 p.m. to 4.00 p.m.
III/57	R V College of Engineering, Bangalore	Efficient Prediction of 3D Structure of Protein	Dr. Andhe Dharani (PI) Mr. Shivandappa (CoI)	MCA	13-09-2010 4.00 p.m. to 4.20 p.m.
III/60	R V College of Engineering, Bangalore	Soft Materials for drug delivery systems	Mrs. Vidya C (PI) Mr. Hemanth L R (CoI)	Chemical Engg.	13-09-2010 4.20 p.m. to 4.40 p.m.
III/61	R V College of Engineering, Bangalore	Crop Improvement of Ginger (<i>Zingerber officinale</i>)	Dr. Neeta Shivakumar (PI) Dr. Pushpa Agrawal (CoI)	Bio-Technology	13-09-2010 4.40 p.m. to 5.00 p.m.

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SCHEDULE FOR PRESENTATION

Sl. No.	Name of the Institute	Title of the Proposal	Name of Investigators	Dept.	Date & Time
III/64	R V College of Engineering, Bangalore	Sol-gel Derived Nanocomposite Structures for Environmental Gas Sensors	Dr. R Suresh (PI) Dr. B S Satyanarayana (CoI)	Chemical Engineering	14-09-2010 10.30 a.m. to 10.50 a.m.
III/71	Shridevi Institute of Engineering & Technology, Tumkur	Pharmacological Evaluation of Anti-gangrene Principle isolated from <i>Andrographis serphyllifolia</i> - An Indigenous Ethno-medicinal plant practiced by Tribal Community at Biligirirangana Hills of Karnataka, India	Dr. G Panduranga Murthy (PI) Mrs. Surabhi Shrivastava (CoI)	Bio-Technology	14-09-2010 10.50 a.m. to 11.10 a.m.
III/73	Shridevi Institute of Engineering & Technology, Tumkur	Lapachol from endophytic fungi of <i>Tabebuia</i> sp., characterization and anticancer activity	Dr. M Govindappa (PI) Dr. Krishnamurthy N B (CoI)	Bio-Technology	14-09-2010 11.10 a.m. to 11.30 a.m.
III/76	Shridevi Institute of Engineering & Technology, Tumkur	Identification of Biomarker Polymorphism in different Anticancer Drug Plants and Sequencing	Prof. C P Chandrappa (PI) Dr. N B Krishnamurthy (CoI)	Bio-Technology	14-09-2010 11.30 a.m. to 11.50 a.m.
III/77	Shridevi Institute of Engineering & Technology, Tumkur	Studies on Micro propagation, Germplasm conservation and wild types of different species/varieties of <i>Ashwagandha</i> using RAPD and AFLP molecular markers	Dr. N B Krishnamurthy (PI) Prof. C P Chandrappa (CoI)	Bio-Technology	14-09-2010 11.50 a.m. to 12.10 p.m.
III/79	Siddaganga Institute of Technology, Tumkur	Control of Haemolysis in Artificial Organs Caused by High Stress due to Hard Work	Dr. N Rudraiah (PI) Sri Nagaraju (CoI)	Mech. Engg	14-09-2010 12.10 p.m. to 12.30 p.m.
III/81	Siddaganga Institute of Technology, Tumkur	Feasibility studies on biodiesel production using algae oils	Dr. P Nirguna Babu (PI) Sri Prakash Binnal (CoI)	Chemical Engg.	14-09-2010 12.30 p.m. to 12.50 p.m.
III/82	Siddaganga Institute of Technology, Tumkur	Identification of lead compound against nuclear factor kappa B (<i>NF-κB</i>) of ulcerative colitis by virtual screening on medicinal plant compounds and in vivo test on acetic acid induced <i>u. colitis</i> experimental rats	Mrs. Roopa K B (PI) Mr. Manjunath Dammalli (CoI)	Bio-Technology	14-09-2010 12.50 p.m. to 1.10 p.m.

III/86	Sri Jayachamarajendra College of Engineering, Mysore	Composition of and processes for fabricating, high-temperature composite materials	Dr. G S Ananthapadmanabha (PI) Mrs. K G Pradeepa	Polymer Sci & Tech.	14-09-2010 1.10 p.m. to 1.30 p.m.
III/87	Sri Jayachamarajendra College of Engineering, Mysore	Development of new Electrochemical Coagulation (ECC) Technology for Complete removal of organics from Dairy wastewaters pretreated by Moringa Olifera (MO)	Dr. S Mahesh (PI) Dr. Nanjunda Swamy (CoI)	Env. Engg.	14-09-2010 2.00 p.m. to 2.20 p.m.
III/88	Sri Jayachamarajendra College of Engineering, Mysore	A new insight in the better Management of Snake Bites: Inhibition of L-Amino Acid Oxidase from Indian Cobra Venom Naja naja	Dr. S Nanjunda Swamy (PI) Dr. M N Nagendra Prasad (CoI)	Bio-Technology	14-09-2010 2.20 p.m. to 2.40 p.m.
III/90	St. Joseph Engineering College, Mangalore	Synthesis and Structural Studies of N-Acyl-Aryl-Sulphonamides under Environmentally Relevant Heterogeneous and Solvent Free Conditions	Dr. K Jyothi (PI) Ms. Pramila Rita D'Souza	Chemistry	14-09-2010 2.40 p.m. to 3.00 p.m.
III/92	The Oxford College of Engineering, Bangalore	Isolation, Characterization and Screening of Actinomycetes Producing High Value Bioactive Compounds and Optimization of Fermentation condition for Pilot Scale Production	Dr. B K Manjunatha (PI) Dr. Kusum Paul (CoI)	Bio-Technology	14-09-2010 3.00 p.m. to 3.20 p.m.
III/93	Vidya Vikas Institute of Engineering & Technology, Mysore	Telomerase inhibitors as anti-cancer drugs: Synthesis and characterization of porphyrin and its derivatives as anti-cancer drugs	Dr. Satish Kumar Murari (PI) Smt. Sindhu S K (CoI)	Chemistry	14-09-2010 3.20 p.m. to 3.40 p.m.

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