



# **INTERNATIONAL CONFERENCE ON CURRENT TRENDS IN MEDICINAL PLANTS RESEARCH, 10-12<sup>th</sup> JANUARY 2012**

Organized by

**Department of Botany, University of Pune, Pune**

## **PROGRAMME**

10<sup>th</sup> January 2012 Tuesday

Registration 8.30 a.m. to 10.15 a.m.

Inauguration function 10.30 – 11.30 am

**Welcome address introductory speech**

Prof S. S. Deokule Head, Department of Botany, University of Pune

**Inaugural address**

Prof. Bhushan Patwardhan Hon'ble Vice Chancellor Symbiosis International University, Pune

**Vote of thanks**

**Inaugural Function High tea 11.30am – 11.50 am**

Invited Lecture I	Dr. T. Shekhar	12.00- 12.30 pm
Oral Presentations	Session I	12.30- 1.30 pm
	<b><u>Lunch Break</u></b>	<b>1.30- 2.30 pm</b>
Invited Lecture II	Dr. Parimelazhagan Thangaraj	2.30- 3.00 pm
Invited Lecture III	Dr. D. Mokat	3.00- 3.30 pm
Oral Presentations	Session II A	3.30-4.30 pm
Oral Presentations	Session II B	3.30-4.30 pm
Oral Presentations	Session II C	3.30-4.30 pm
	<b><u>Tea Break</u></b>	<b>4.30- 5.00 pm</b>
Poster Session I		5.00 – 7.00 pm

## PROGRAMME

11<sup>th</sup> January 2012 Wednesday

### Breakfast Tea 9.30- 10.00 am

<b>Invited Lecture IV</b>	Dr. Pushpangadan	<b>10.00-10.30 am</b>
<b>Invited Lecture VI</b>	Dr. A. K. Shashny	<b>10.30-11.00 am</b>
<b>Invited Lecture VI</b>	Dr. Bashir Khan	<b>11.00-11-15 am</b>
<b>Invited Lecture VII</b>	Dr. A. Maru	<b>11.15-11.30 am</b>
<b>Oral Presentations</b>	Session III A	<b>11.30- 1.00 pm</b>
<b>Oral Presentations</b>	Session III B	<b>11.30- 1.00 pm</b>
<b>Oral Presentations</b>	Session III C	<b>11.30- 1.00 pm</b>
<b>Poster Session II</b>		<b>11.30- 1.00 pm</b>

### Lunch Break 1.00- 2.00 pm

<b>Invited Lecture VIII</b>	Dr. Dhavale	<b>2.00- 2.30 pm</b>
<b>Invited Lecture IX</b>	Dr. Vandita Srivastava	<b>2.30 - 3.00 pm</b>
<b>Oral Presentations</b>	Session IV A	<b>3.00-4.00 pm</b>
<b>Oral Presentations</b>	Session IV B	<b>3.00-4.00 pm</b>
<b>Oral Presentations</b>	Session IV C	<b>3.00-4.00 pm</b>
<b>Panel Discussion</b>	Dr Rajendra Jagdale	<b>3.00-4.15 pm</b>

### Tea Break 4.00- 4.15 pm

<b>Invited Lecture X</b>	Dr. Prasad Thakurdesai	<b>4.15 -4.45 pm</b>
<b>Poster Session III</b>		<b>4.45-7.00 pm</b>

## PROGRAMME

12<sup>th</sup> January 2012 Thursday

### Breakfast Tea 9.00- 9.30 pm

<b>Invited Lecture XI</b>	Dr. Chintan Shah	<b>9.30-10.00 am</b>
<b>Invited Lecture XII</b>	Dr. George	<b>10.00-10.30 am</b>
<b>Invited Lecture XIII</b>	Dr. V. Khanna	<b>10.30- 11.00 am</b>
<b>Oral Presentations</b>	Session V A	<b>11.00-12.30 pm</b>
<b>Oral Presentations</b>	Session V B	<b>11.00-12.30 pm</b>
<b>Oral Presentations</b>	Session V C	<b>11.00-12.30 pm</b>
<b>Poster Session IV</b>		<b>11.00- 12.30 pm</b>

### Lunch Break 12.30- 1.30pm

<b>Invited Lecture XIV</b>	Dr. Mujumdar	<b>1.30- 2.00 pm</b>
<b>Invited Lecture XV</b>	Dr. S. S. Deokule	<b>2.00- 2.30 pm</b>

### Valedictory Function 3.00 – 4.30 pm

**One Day Workshop on**  
**Phytochemical Analysis of Therapeutically**  
**Active Constituents of Pharmaceutically**  
**Important Medicinal Plants January 13<sup>th</sup> 2012**

**Organized by**  
**Department of Botany, University of Pune, Pune**

PROGRAMME

13<sup>th</sup> January 2012 Friday

	<u>Breakfast Tea</u>	<u>8.15 -8.45 am</u>
Inauguration		8.45 – 9.00 am
Practical I	Dr. V. Khanna	9.00 – 10.30 am
Practical II	Dr. George	10.30 – 12.00 noon
	Tea 12.00 – 12.15 pm	
Practical III	Dr. Chintan Shah	12.15- 1.45 pm
	<u>Lunch Break</u>	<u>1.45-2-45 pm</u>
Practical IV	Dr. D. G. Naik	2.45 – 3.45 pm
Practical V	Dr. A. M. Mujumdar	3.45 – 4.45 pm
Practical VI	Dr. D. D. Dhawale	4.45 – 5.45 pm
	<u>Tea 5.45- 6.00 pm</u>	
Valedictory		6.00- 6.30 pm



# INTERNATIONAL CONFERENCE ON CURRENT TRENDS IN MEDICINAL PLANTS RESEARCH, 10-12<sup>th</sup> JANUARY 2012

Organized by

**Department of Botany, University of Pune, Pune**

## ORAL PRESENTATION SCHEDULE

TUESDAY, 10<sup>th</sup> JANUARY 2012

<b>SESSION -I</b>		<b>Time 12.30 pm -1.30 pm</b>
Study on Enzyme and its Coding Gene Responsible for the Medicinal Importance in <i>Tinospora cordifolia</i>	Niraj Kumar Khemka, Ashutosh Kumar, Gopal Kumar Prajapati, Aakanksha Wany, Archana Kumari and Dev Mani Pandey	
Understanding New Paradigm of Plant Metabolomes through Secondary Metabolite Enrichment	A. Wany, A. Kumar, A. S. Vidyarthi, V. K. Nigam and D. M. Pandey	
Cloning and characterization of polyketide synthase gene from <i>Plumbago zeylanica</i>	Supriya Jadhav and Sujata Bhargava	
<b>SESSION -II A</b>		<b>Time 3.30 pm -4.30 pm</b>
Comparison of callus induction and plant regeneration from different explants of <i>spilanthes acmella murr.</i>	Mohammad Abyari, Vishal Patil, Masoumeh Rashidi and S. S. Deokule	
Process Analytical technology: Model-based investigations of furanocoumarin elicitation in <i>Ruta graveolens</i> cultures.	Renuka Diwan, Nutan Malpathak	
Direct shoot organogenesis from leaf explants of <i>Nothapodytes nimmoniana</i> and analysis of Camptothecin alkaloid production	M. Gopalakrishnan and T. Sekar	
Standardization of 2-4-D and 6 BAP in the induction of callus from <i>Gymnema sylvestre</i>	Nandakumar.J	
<i>In vitro</i> propagation and phytochemical screening of <i>Swertia chirayita</i> (Roxb. Ex Fleming) H. Karst: a critically endangered medicinal herb	Vijay Kumar <sup>1</sup> , Rajib Bandopadhyay <sup>1</sup> , M.M. Sharma <sup>2</sup> , Sheela Chandra <sup>1</sup>	
<b>SESSION -IIB</b>		<b>Time 3.30 pm -4.30 pm</b>
Chemical constituents of Bhilawanolnut Shell Liquid (BNSL) from <i>Semecarpus Anacardium</i>	Rahul Nagarkar, Sudhir E. Dapurkar, <u>K. S. Nagabhushana</u>	
Biochemical characterisation and evaluation of antioxidant activities of selected indian spices.	Nived Sreenadhan, Minal Maru, Vinod Didwana, Minal Patil , Deepa Verma, Rohan Gavankar	
Pharmacology, phytochemical evaluation & HPLC identification of <i>Sesbania grandiflora</i> Linn. leaf extract and its antimicrobial efficacy.	Kalpana Mundhe-Wagh and Sanjay S. Toshniwal <sup>2</sup>	
Studies on Physico-chemical Properties of Rice bran Wax and its Comparison with Carnauba Wax	Avish D. Maru, Prashant V. Bodhe, Rajendra K. Surawase	
GC-MS Study of <i>Morinda pubescence</i> Leaves	Swati M. Devare <sup>1</sup> , Kavita S. Mundhe <sup>1</sup> , Ashish .Bhave <sup>1</sup> , Nirmala R.Deshpande <sup>1</sup> , Jyoti P. Salveker <sup>1</sup> .	
<b>SESSION -IIC</b>		<b>Time 3.30 pm-4.30 pm</b>
Pharmacognostical and physico-chemical studies on <i>Machilus macrantha</i> Nees. stem bark.	S. S. Surana <sup>1</sup> , R. Sambath kumar <sup>1</sup> , P. Perumal <sup>1</sup> , A. D. Maru <sup>2</sup> , J. V. Musale <sup>2</sup>	
Screening of Eight Food Plants Extracts for Total Phenolic Compounds and Vitamin E by HPLC	Ali Aberoumand	
Differences between <i>Primula officinalis</i> L. (Hill.) and <i>Primula elatior</i> L. (Hill.) and their intraspecific variability in respect of accumulation of biologically active compounds.	Bączek Katarzyna <sup>1</sup> , Węglarz Zenon <sup>1</sup> , Pelc Małgorzata <sup>1</sup> , Przybył Jarosław Leon <sup>1</sup>	
Enhanced production of Withaferin-A in hairy root cultures of <i>Withania somnifera</i>	Srinath Rao and Y.J. Parshuram	
Essential oil composition in <i>Salvia sahendica</i> boiss. & buhse and <i>Salvia verticillata</i> l. Populations from different natural habitats of Iran	Majid Rahmanzadeh Mamaghani and Gholamreza Dehghan	

**WEDNESDAY 11<sup>TH</sup> JANUARY 2012**

<b>SESSION -III A</b>		<b>Time 11.30 am-1.00 pm</b>
Effect of stem bark powder extracts of <i>Berberis vulgaris</i> L. on <i>Leishmania major</i> (5ASKH) on BALB/c mice	Salehabadi A.R, Chinchanikar G. S	
Effect of Isomerism and Chelation on the Antimicrobial Activity of the Active Constituents Phthiocol and Plumbagin	Mrudula Wadekar, B. L. Khade, V. B. Jadhav, Monali Itkar, A. B. Pawar And V. V. Dhapte	
Root extracts of <i>Plumbago zeylanica</i> displaying antimicrobial and plasmid eliminating activities in multiple resistant <i>Acinetobacter</i> and standard antibiotic resistant plasmids.	R. B. Patwardhan a, P. K. Dhakephalkar b, and B.A. Chopade	
Antinociceptive and anti-inflammatory activity of alkaloid fraction of <i>trichopus Zeylanicus gaertn.</i>	Perumal Perumal,SambathKumar R. BuchakeVaibhav,Saudagar Ravindranath BachhavRishikesh	
Effect of Xenobiotic stress on nutraceuticals and antioxidant potential of some medicinally important vegetables	Mehanaz Nasarabadi, Nivedita Ghyayal, Dhumal Kondiram	
<b>SCREENING AND CHARACTERIZATION OF PROTEOLYTIC ENZYME IN BANANA (<i>Musa sapientum</i>) PEELS</b>	Pavithra D and <u>Baskar R</u>	
<b>SESSION -IIIB</b>		<b>Time 11.30 am-1.00 pm</b>
Antibacterial activity of different extracts of <i>Merremia emerginata</i> leaves against oral microflora to improve oral hygiene	P.D. Diwan1 and Y.A.Gadhikar2	
Bioprospects of unconventional green leafy vegetables for anemia management.	Puri Amit Kaur and Chaturvedi Alka	
Total Phenolic Content and Anti-Radical Activity of <i>Caralluma diffusa</i> (Wight) N.E.Br	Rahul Chandran and Thangaraj Parimelazhagan	
Evaluation of antipyretic activity of <i>Canna indica</i> (L.) In rats	Siva V, Jeffrey Bose N, Mehalingam P	
Anti-MRSA and Anti-VISA activity of <i>Cortex Phellodendri</i> and <i>Rhizoma Coptidis</i> .	Vijaya Doddangoudar1, Maureen Boost1, Margaret O'Donoghue2, Dominic Tsang3.	
<b>SESSION -IIIC</b>		<b>Time 11.30 am-1.00 pm</b>
Evaluation of Hepato-protective properties of <i>Kalmegh (Andrographis paniculata)</i> in CCl4 intoxicated Wistar rats	Asha Arora and Jaishree Meena	
Antibacterial and antiplasmid potential of herbal extracts on MRSA.	Bholay A.D: katkade A.N. Bhalerao V.B. Palekar K.S.	
Antifertility investigation of extract of the leaves of <i>Mentha spicata labiatae</i> in mature male rats.	Fatemeh Nozhat	
Improvement of oral glucose tolerance in normoglycemic rats fed diets incorporated with <i>Vernonia amygdalina</i> Del.	Ijeh, Ifeoma Irene, Amadi, Ihunna Pamela and Ejike, Chukwunononso Emmanuel C.C	
Antimicrobial activity of four Thai medicinal plants against <i>Escherichia coli</i> and <i>Staphylococcus aureus</i>	Jiraporn Burakorn, Jitrekhia tongmanee	
<b>SESSION -IVA</b>		<b>Time 3.00 pm-4.00 pm</b>
Therapeutic values of <i>Tinospora cordifolia</i> - "The Amrit"	Dr. Elizabeth Margaret, Mrs. P.V. Neeraja	
Traditional Medicinal Knowledge of Baiga Tribe	PK Mishra	
Goji Berry -The Ultimate Super food; A real Chi (Life Force): The inside story-Taurine factor Discovery of Potential Herbal Ethnic	R C Gupta	
Drugs in the Family Ericaceae Juss. by the Amakhangese, Imchung, Mao and Tankul Nagas from Naga hills in India with a note on conservation measures of some Threatened species	Subhasis Panda	
Role of herbal drugs in human health care	K. Madhava Chetty, L. Ramesh and C. Rama Devi	
<b>SESSION -IVB</b>		<b>Time 3.00 pm-4.00 pm</b>
Reinvestigations of Biosalts-Traditionally known as Ayurvedic Kshars-Isolated from Medicinal Plants from Modern Scientific Approach	Mrudula Wadekar, B. A. Kulkarni, G. S. Jagtap, Meera Deshmukh, S. H. Bhosale, R. W. Jawale.	
Bioguided isolation of active compound from <i>Scytonema schimidtii</i>	Nitnaware KM, Jawali NK, Joshi BN, Nikam TD	
Isolation and quantification by HPTLC of bioactive molecule from leaves of <i>Cassia auriculata</i> (L).	Sucheta A Gaikwad1, Gayatri Kamble, Dr.S Deshpande,Dr. N.R. Deshpande , Dr .J. P. Salvekar	
Efficacy of herbal remedies in Gynecological problems by users in Jaffna District, Sri Lanka	Sri Ranjani.S	
<b>SESSION -IVC</b>		<b>Time 3.00 pm-4.00 pm</b>
Western Ghats – A Vedic Valley and Hot Spot for Medicinal Plant Research.	Sunil Kumar C. R, Mahesh M, Swathi Kujur, Roopa G, Shruthi, M.V and Geetha N. P. Hariprasad P	
Ethnoveterinary Medicinal Plants Used by Paliyar Tribals in Theni District of Tamil Nadu, India	V. Karthik, M. Suresh, A. Selvaraju, M. Ayyanar and T. Sekar	

Assessment of morpho-genetic diversity among <i>Plumbago zeylanica</i> L. populations in India	Sayantana Panda and Avinash Kamble
Conservation of medicinal important ferns of Western Ghats of Maharashtra	Shakil D. Shaikh and Meena Dongare
Macro-morphological diversity of medicinally important fruits of <i>Lagenaria siceraria</i> and its landraces from Maharashtra.	Bhagyashri B. Kumbhalkar and Anuradha S. Upadhye

## THURSDAY 12<sup>th</sup> JANUARY 2012

<b>SESSION -VA</b>		<b>Time 11 am-12.30 pm</b>
Endemic medicinal plants of Chandoli national park, Sangali district, Maharashtra	Shrinath P. Kavade <sup>1</sup> & Subhash S. Deokule <sup>2</sup>	
Chromosome variability in <i>Artemisia nelagirica</i> L.- a medicinally important Composite weed.	Nighat Jabeen, Uma Bharti and Namrata Sharma	
Unabated loss of Medicinal Plant Diversity of Kashmir Himalayas and Development of Suitable Strategies to Salvage Whatever is Left	Irshad A. Nawchoo and Rubaya Sultan	
Ex situ conservation of medicinal ferns	Laware S. L. and S. S. Bomble	
Pollination biology and breeding system of <i>Artemisiamaritima</i> – an endangered plant species in North-West Himalayas.	Jyoti Parihar, Eshan Sharma and Namrata Sharma	
<b>SESSION -VB</b>		<b>Time 11 am-12.30 pm</b>
Effect of Salicylic acid and nutritional minerals on the anthocyanin content of coriander ( <i>Coriandrum sativum</i> L.) leaves.	Abdol Rahman Rahimi <sup>1</sup> , Kambiz Mashayekhi <sup>2</sup> , Sheno Amini <sup>3</sup> , Esmail Babakhanzadeh <sup>4</sup> and Seyyed Javad Mousavizadeh	
Anti-Staphylococcal and wound healing activities of <i>Ganoderma praelongum</i> and <i>Glycyrrhiza glabra</i> formulation in mice	Abdulghani Ameri <sup>1</sup> , and Subhash S. Deokule	
Functional characters of selected southern sweet-grass clones ( <i>Hierochloë australis</i> (Schrad.) Roem. & Schult.)	Bączek Katarzyna, Węglarz Zenon, Przybył Jarosław Leon, Angielczyk Mirosław, Ejdyś Marcin	
Efficacy of arbuscular mycorrhizal fungi and phosphate solubilizing bacteria along with different levels of super-phosphate on growth improvement of <i>acorus calamus</i>	Chhavi Mangla, Aditya Kumar <sup>1</sup> , Sukhdev Kundu <sup>1</sup> and Ashok Aggarwal	
Effect of arbuscular mycorrhizal fungi on growth and secondary metabolites of <i>Solanum melongena</i> L. under different phosphate levels.	Irfan Aziz, Mohd Ayoob and P. K. Jite	
<b>SESSION -VC</b>		<b>Time 11 am-12.30 pm</b>
Improvement in germination and seedling growth of golpar ( <i>Heracleum persicum</i> L.)	Maryam Makkizadeh Tafti <sup>1</sup> , Kamal Sadat Asilan	
Effects of the growing media and Fe and Zn concentrations on the growth, yield and Essential Oil of <i>Rosmarinus officinalis</i> L. (medicinal plant) in Bam region	Mohammadreza Yavarzadeh, Islamic Azad University Bam Branch, Iran	
Evaluation effect of drought stress on flower yield, organic solutes, essential oil and chamazulene percentage of hamomile ( <i>Matricaria recutita</i> L.)	Rozbeh Farhoudi <sup>1</sup> and Maryam Makkizadeh Tafti	
Effect of osmopriming on germination of Lemon balm ( <i>Melissa officinalis</i> L.) under salinity stresses.	Maryam Makkizadeh Tafti <sup>1</sup> and Rozbeh Farhoudi	
Ethnophytotherapeutic knowledge for treating jaundice in Gulbarga, India	Vidyasagar G M and Mallikarjun S I	



# INTERNATIONAL CONFERENCE ON CURRENT TRENDS IN MEDICINAL PLANTS RESEARCH, 10-12<sup>th</sup> JANUARY 2012

Organized by

**Department of Botany, University of Pune, Pune**

10<sup>th</sup> January 2012

No	POSTER SESSION I	Time 5.00-7.00 pm
1	Role of sacred groves in conservation of ethno - medicinal plants in Dapoli tehsil of Ratnagiri district, state Maharashtra (India).	R. L. Ghalme and S. S. Deokule
2	Therapeutic flora of angiosperms from Chimbhale in Shrigonda taluka of Ahmednagar district, (M.S.).	A.B. Gore , R.R. Sanap, S.V.Thite
3	Species diversity and natural occurrence of Acaulospora in rhizosphere of some medicinal plants	Aditya Kumar, Chhavi Mangla and Ashok Aggarwal
4	Survey of Medicinal Plant Present In Vadgaon Forest, Tal. Maval, Dist. Pune (M.S.)	Ahire Y. R., Nagare R.B. and Math S.K
5	Medicinally Important Lichen Diversity Present In Lohagadh, Malavali, Tal. Maval, Dist. Pune (M.S.)	Ahire Y. R., Sonwalkar R.P. and Kamble A.S.
6	Occurrence of AM fungi associated with xerophytes from Ghodnadi area of Pune District	Kokare A. D. and Shinde B.P.
7	Medicinally important plants of Daund tahsil from Pune district (Maharashtra), India.”	Bagal J. G and Deokule S. S.
8	Mycorrhization in some medicinal plants of Sagar	Deepak Vyas
9	Prospects, present status and constraints in research and development programme for further commercial exploitation of some Indian medicinal plants	Kirti Kogje and Dr Mahesh Kawale
10	Medicinal plant: Curcuma longa L. Present status & conservation needs.	B. M. Sakdeo and V. N. Bhoite
11	Bioprospecting potential of some Indian cyanogenic plants in cancer research	O. S. Rathor and R.G. Chillawar
12	Diversity of Ethnomedicinal plants used as antidotes by Tribals of Karjat taluka in Maharashtra, India	Dr. Gauri S. Soman.
13	"Verbenaceae of Naranala fort ( Maharashtra) -an ethnobotanical study"	Nandkishor S. Zade
14	Studies on some medicinal plants from arid zone environment with respect to their bioactive compounds and medicinal properties	Narendra Anant Kulkarni
15	<i>Adiantum philippense</i> L.: medicinal important fern of Western Ghats of India	Shakil D. Shaikh and Meena Dongare
16	Some medicinal plants from Verbenaceae in Ayurveda (Indian system of medicine) and their identification on basis of foliar and floral trichomes	Shubhangi Ingole
17	Prospecting a herbal folk medicine: phansomba from western ghats of maharashtra	Sonawane H.B., Vaidya J.G., Bhosle S.R.,
1 8	Traditional utilization of medicinal plants on skin diseases, a report from Bhimashankar forest Pune district.	Shinde, H.P., Deokule, S.S. and Samudra, S.M.
19	Phytoethno medicine practiced by Chaudhari & Naik tribes of Toranmal & near by villagers from the Satpura Mountain	Sanjay Khairnar
20	Medicinally important plants from Daund taluka Pune district, Maharashtra state used to treat respiratory disorder.	Samudra, S.M. and Deokule, S.S.



21	Regional and seasonal changes in primary and secondary metabolites of some medicinal plants from Western Ghats.	Sadhana Chougale and K.N.Dhumal
22	Vegetative Propagation of <i>Commiphora mukul</i> (Stocks) Hook. – A Rare, Endangered and Threatened Medicinal Plant.	R.K. Waghmare, S.S.Deokule
23	Diversity and Medicinal Uses of Bryophytes	Pratima Kadam
24	Biochemical Evaluation of Some Medicinal Plants of Genus <i>Sesbania</i> of Marathwada Region in Maharashtra	P.P.Ahira and Kadam V.B.
25	Studies on the characterization of <i>Asterella angusta</i> St. (Hepaticae) from Western Ghats of Maharashtra, India.	J. K. Kashid, S.S. Deokule and S. J. Chavan
26	Ethnoflora of traditional significance from the Vridheshwar areas in Ahmednagar district (M.S.) INDIA	Ashok P. Salave and Peddi Gopal Reddy
27	Vital Ethnomedicinal Plant Species Exploited In Treating Bronchitis	A. S. Wabale, R.M. Adhav, A. S. Petkar and K. J. Salunke
28	Medicinal Plants Used To Cure Some Diseases By The Tribal People of Unavare Village, Dapoli Taluka, Ratnagiri District, M.S.	Deokule S.S. Sonwalkar R.P. and Ahire Y. R.
29	Arogyapacha – the blessings of agasthyar: <i>TRICHOPUS ZEYLANICUS</i>	Perumal Perumal, SambathKumar R. BuchakeVaibhav, Saudagar RavindranathBachhavRishikesh
30	Potential nutritional source of wild plants from tribal pockets of Maharashtra-Jawhar and Gujrath- Vasanda	Rajeshree Joshi, Surekha Kale, BipinParmar, MadhuriAhire, J.R. Khadseand D.K. Kulkarni S S
31	Detection of acetyl cholinesterase in invasive weeds and its possible role in medicine	Ghayal N.A., Jain R.S., Abhyankar G.A. and Dhumal K.N.
32	Ethnomedicinal studies on a medicinal fern <i>Drynaria quercifolia</i> (L.) J.Sm.	Kale M V & Khade
33	Ethnobotanical study of medicinal plants from Mangi-tungi (Maharashtra)	M. D. Sonawane, V.B.Sonawane and D. B. Mali.
34	Some indigenous herbal health practices of Gond community in Gadchiroli district (M.S.)	Shrikant Jain, Swati Tahod and Shital Surve
35	Ethnotherapeutic knowledge of oil yielding plants of Gulbarga District, Karnataka, India.	Nuzhat Tabassum and G M Vidyasagar
3	Medicinal uses of plants among tribals of Yawal Forest area, District Jagaon (M.S) for dental care	Vidya A. Patil
6		
37	Ethnomedicinal Plants used for the treatment of Respiratory diseases by Kani Tribals in Kanyakumari District of Tamil Nadu, India	T. Kumari Subitha and T. Sekar
38	Medicinal Uses of The Plant <i>Nerium Odorum Soland</i>	Dr. Amruta Wakde and Dr. Mrs. Sumedha Puranik
39	Pharmacognostic study of <i>phyla nodiflora</i> linn.	Salve S.D & Bhuktar A.S
40	Value addition to the medicinal oil yielding plant	Rupali Deshpande, Alka Chaturvedi
41	Ethnomedicinal Wisdom of Tribals of Mahur Forest of Nanded District, Maharashtra, India.	P. R. Kanthale and S. D. Biradar
42	Documentation of some ethnoveterinary medicine used by tribals of Melghat (Maharashtra).	Manjusha Wath ,Sangeeta Jajbu and Pritee Lande
43	An ethnobotanical study of medicinal plants from Mangitungi (Maharashtra)	M. D. Sonawane and V.B.Sonawane
44	Traditional Phytocure for Urinary Disorders among the Paniya Tribes inWayanad District of Kerala.	Preetha Terence, Lizzy Mathew and Prolsna P.V.

45	Ethno-medicinal survey of some wetland plants of Gupteshwar lake and their conservation of Daund in Pune district.	Jadhav, K.V. and Deokule, S.S.
46	Study of medicinal properties of <i>Dalbergia sissoo roxb</i> by traditional knowledge.	Hari Shankar Lal, Sanjay Singh, P.K.Mishra
47	Assessment of Land Degradation of Northern Liddar Valley of Kashmir Himalaya with Special Reference to Threat on Endemic Medicinal Flora	T.H. Jaweed , P.G. Saptarshi , S.W. Gaikwad
48	Survey of medicinal plants species from Mahadeo dara forest in Beed district and its traditional use.	Vasant Mali
49	Necessity of the revision of the medicinal plants as natural resources in Iran	Leila Foroutan, Mahnaz Nasrabadi, Rogheyeh Gholezadeh Doranmahaleh
50	Significant Ethno-medicinal Plants Used In Treating Chickenpox	M. N. Kharde, A. S. Wabale and D. N. Gholap
51	<i>Hyptis suaveolens</i> L. : A potential weed in Agriculture	Rekha S G and G M Vidyasagar
52	<i>Launea procumbens</i> a wild edible & Medicinal plant of North Karnataka, India	Rajshekhar S. B & Rajasab A. H.
53	Affluence of Alternative Medicine in India	P.V. Neeraja
54	Some folk medicinal observation of the tribes of Kinwat forest of Nanded district, Maharashtra, India	D. P. Ghorband and S. D. Biradar
55	Assessment of <i>Adiantum aethiopicum</i> L. for amylase inhibitors and antioxidants.	Limaye A.S., Deore G.B., Shinde B.M., Dushing Y.A. and Laware Shankar L.
56	Studies on some medicinal plants from arid zone environment with respect to their bioactive compounds and medicinal properties.	Narendra Anant Kulkarni

**11<sup>th</sup> January 2012**

No	POSTER SESSION II	Time 11.30-1.00 pm
1	Phytochemical Screening & Antimicrobial activity of aqueous & methanolic extract of Young & Mature leaves of <i>Psidium guajava</i> L. (guava)	Deepa Verma Meenakshi Vaidya Maya Chemburkar Hitesh Shingadia Rohan Gavankar Riddhi Dave Mahendra Kalas
2	Quantitative analysis of camptothecin and evaluation of antioxidant and anticancer potential in <i>Chonemorpha fragrans</i> (Moon), Alston.	Pradnya Kedari and Nutan Malpathak
3	Preliminary phytochemical screening and antimicrobial activity of <i>Cassia tora</i> Linn. – A medicinal weed	Aditi Mondal , Roshni Jarad, Surekha Satpute and Madhavi Kapatkar
4	Phytochemical Investigations and In-vitro Antibacterial activity of <i>Ensete superbum</i> (Roxb.) Cheesman.	Varsha N. Nathar and Pranjali Devangan
5	Phytochemical Analysis Of <i>Diplocyclos palmatus</i> A Medicinally Important Weed Of Pune University Campus, Pune, (M.S.)	Deokule S.S. and Ahire Y. R.
6	Phytochemical screening, antimicrobial and antioxidant activity of <i>Chasallia curviflora</i> var. <i>ophioxyloides</i> (wall.) Deb & Krishna	Akshatha and Chandrashekar. K. R
7	Complete Pharmacognostic Study of (Malkangani) <i>Celastrus paniculatus</i> Wild. : A Threatened Medicinal Plant	Kamalinee A.Deodhar, Nanda W.Shinde
8	A pharmacognostic study of the leaf of <i>Biophytum sensitivum</i> (L.) - an antidysentric drug used by some tribes of Kerala	J. Tessy and S. S. Deokule
9	Phytochemical screening of <i>Cissus quadrangularis</i>	Shirish S. Pingale and Mugdha S. Pingale
10	The bio-inorganic mineral analysis of some Indian ayurvedic herbal formulations used in the treatment of different diseases by a powerful techniques of instrumental neutron activation analysis (INAA) and atomic absorption spectroscopy (AAS)	B. M. Pardeshi
11	Novel biomolecules in invasive weeds with therapeutic potential	Hanmant S. Patil, Nivedita Ghayal and Dhumal Kondiram
12	Ethnobotany and Phytochemical Profiling of <i>Azima tetraacantha</i> Lam. (Salvadoraceae)	Gayathri G, Bindu R Nair & Babu V
13	Comparative pharmacognostic study of six species of	V. N. Patil and S. S. Deokule

	<i>chlorophytum ker-gawl.</i>	
14	Development and validation of HPLC method for betaine, an alkaloid from <i>Achyranthes aspera</i>	Sonal Desai, Pratima Tatke, S.Y. Gabhe
15	Utility of <i>Syzygium cumini</i> seeds as wound healing drug.	Mihir H. Deshpande, Dr. (Ms) Chhaya Gadgoli.
16	Medicinal properties of lichen <i>Lecanora chlorotera</i> and its isolated mycobiont.	Dr. Manisha Dharmadhikari and Mansi Sali
17	Mycobial load on Ashwagandha roots ( <i>Withania Somnifera</i> L) under storage	P S Kabnoorkar, S S Deokule
18	Bioprotection of <i>Rauwolfia serpentina</i> (Benth.) by arbuscular mycorrhizal fungi	Ashok Shukla, Deepak Vyas, Anuradha Jha
19	Influence of salt stress on the growth, mineral nutrition and saponins in a medicinal plant <i>Chlorophytum borivillianum</i> .	Nikam Vijaya K.
20	Effect of VAM on growth, nutrients and essential oil content of menthol mint ( <i>Mentha arvensis</i> L.)	Patil N. N
21	Synthesis, Characterization, Antimicrobial study and Catalytic activity Cr(II), Mn(II), Y(III) and Zr(II) Schiff base complexes	S.P.Dagade, A.S.Jape, V.S.Mane and L.H.Mahind
22	<i>Xanthomonas axonopodis</i> pv. <i>punicae</i> : a tsunami for pomegranate – a medicinal important fruit crop of world	Vaidehi B. Chopade and S. S. Kamble
23	Chemical composition of seed oil of pumpkin ( <i>Cucurbita mixta</i> ) and its post harvesting uses	Dr. Shobha Borhade, Dr. Purnima Sable
24	Influence of inorganic nutrients on the activity of enzyme, nitrate reductase in the leaves of mulberry, <i>Morus alba</i> (L) (M-5 variety)	Vitthalrao B. Khyade, Jeevan P. Sarawade, Sarika D. Kondalkar, Deepali C. Pise Muktabai B. Dhavale <sup>5</sup>
25	Interactive effect of root-knot nematode ( <i>meloidogyne javanica</i> ) and varying inoculum levels of root-rot fungus ( <i>fusarium solani</i> ) on plant growth components and disease development in medicinal coleus( <i>coleus forskohlii</i> )	Shweta Sharma Tabreiz Ahmad Khan and Sayeed Ahmad
26	Effect of abiotic stress on seed germination, seedling growth and antioxidants of Senna ( <i>Cassia angustifolia</i> ).	Shilpa Shitole and K.N. Dhumal
27	Application of PGRs for Improving Seed Germination, Growth and Solasodine Content in <i>Solanum khasianum</i> Clarke	Savita borse and k. N. Dhumal
28	Influence of <i>Kunapajala</i> treatment from <i>Vrikshyaurveda</i> on leaf of tomato and its comparison with conventional and organic farming condition.	R. S. Deshmukh N. A. Patil and T. D. Nikam
29	Effect of growth media and sulphuric acid pretreatment on the germination and growth behavior of <i>Andrographis paniculata</i> Nees.	Aniat UI Haq, Poonam Malhotra and RashmiVamil
30	Establishment of propagation techniques of <i>Adansonia digitata</i> and <i>Cochlospermum religiosum</i> .	R. N. Gahane and K. K. Kogje
31	Seed germination in an important medicinal plant <i>Pterocarpus marsupium</i> Roxb.	T. D. Nikam and R. B. Barmukh
32	Analysis and Quantitation of Major Sugars in Indian Honeys Using Indian Standards and High Performance Thin Layer Chromatography (HPTLC).	Prachi S Kakade and Subhash S Deokule
33	Carving green technological niches for the management of diseases and its impact on growth, yield, & quality enhancement of <i>Withania somnifera</i>	Ms. Nida Qamar and Ms. Priyanka Mishra
34	<i>Dioscorea bulbifera</i> : A Medicinal Plant as Novel Niche for Plant-Growth-Promoting Endophytes.	Sumit Pawar, Sougata Ghosh, Praveen Kishore Sahu, Karishma Pardesi, Amit Jabgunde, Sharvari Gaidhani, Dilip D. Dhavale and Balu A. Chopade
35	Factors affecting the output rate of <i>Spirulina platensis</i> with reference to biomass, pigment contents, and protein estimation	Mohammad yasin sofi, samuel g. Singh and navdeep s. Bains
36	The effects of copigmentation, physical factors and storage	Mohammad Abyari, Vishal Patil, Masoumeh

	conditions on stability of <i>Siyah Sardasht</i> grape ( <i>vitis vinifera</i> ) anthocyanin.	Rashidi, keygobad keykavosi and S. S. Deokule
37	Interaction effect of Mycorrhiza and Jasmonic acid application on plant growth, Alliin content and AM colonization in <i>Allium sativum</i> L.	Mahesh Borde and Sujata Bhargava
38	Theanine synthesis, transport and physiological significance in tea ( <i>Camellia sinensis</i> L. Kuntze).	Lokesh B, Prasad TG, Sinkar VP and Sreeramulu G
39	Comparative analysis of MBALD and MBAC content in <i>Hemidesmus indicus</i> R. Br. populations.	M. V. Hajare, A. C, Kamble
40	Effect of Manganese toxicity on verbascoside content in <i>Gmelina arborea</i> inoculated with <i>Glomus intraradices</i> .	Mayura Dudhane, Mahesh Borde and Paramjit Kaur Jite
41	Isolation and quantification of a bioactive molecule from a medicinal plant – <i>Mimusops elengi</i> L.	Asha A. Kale, Anjali D. Ruikar, Rasika C. Torane, Nirmala R. Deshpande, Jyoti P. Salvekar.
42	Isolation and purification of compounds from extracts of <i>Psoralea corylifolia</i> L. ( <i>Cullen corylifolia</i> L.) by column chromatography.	Supriya Baikar and Nutan Malpathak
43	Isolation and Identification of Di-n- octyl Phthalate from <i>Chondria cornuta</i>	Sharad T. Chavare, D.G. Naik and B.B. Chaugule
44	Synthesis of Novel Indole Derivatives and Evaluation of Their Anti Bacterial Activities.	Pranay S. Chandrachood, Tushar V. Gadakari, Chandrakant D. Shendkar, Nirmala R. Deshpande, Rajashree V. Kashalkar.
45	Preparation of Asav by innovative method	Arvind S Dhabe
46	Herbal Formulations in treatment of wounds by Local inhabitants of the Maimba areas in Ahmednagar district	Salave A.P., P.G. Reddy and P.G. Diwakar
47	Formulation and evaluation of Clopidogrel bisulphate tablet using natural mucoadhesive agent.	P. Perumal, A. B. Gangurde, V. A. Bairagi
48	Use of phytoessence in making antiaging bath and skincare products	Dipen .S. Parande, S.L. Laware
49	Jamun ( <i>Eugenia jambolana</i> lam.) therapy – sure cure for gastric disorders	Jogdand S.B., Pawar S. G., Patil S.R. and Patil V. S.
50	Role of Medicinal Plants In The Synthesis of Metal-Based Ayurvedic <i>Bhasmas</i>	Vividha Dhapte, B. A. Kulkarni, Rupali Lad, Shivaji Takale, Sonali Dhamal, Vishwas Dhapte, and Yogesh Bendale
51	Standardization of Kantakari kalpa- an Ayurvedic formulation	Roshni R Chaudhari, Chhaya Gadgoli
52	Comparative antioxidant and anti-inflammatory potential of branded market samples of an Ayurvedic formulation : Dashamoolarishta	Pawar N., Kogie A., Bhondwe P., Nargarkar B., Kulkarni O., Harsulkar A., Jagtap S.
53	Effect of arbuscular mycorrhizal fungi on the metabolic products in <i>Catharanthus roseus</i> subjected to three different phosphate conditions.	Mohd Ayoob, Irfan Aziz, Paramjit Kaur Jite
54	Influence of water-deficit and salinity stress on seed germination and growth performance of Kuth, <i>Saussurea costus</i> (Falc.) Lipsch., from Kinnaur (Himachal Pradesh)	Shashi Sharma and Prem Prakash
55	Fungal endophytes of <i>Boswellia serrata</i> Roxb. (Burseraceae), a medicinal tree species	Sunayana N. and Prakash H. S.
56	Pharmacognostic standardization of leaves of <i>Aeschynomene indica</i> linn. (leguminosae)	S.Aron and P.Mehalingam
57	Phytochemical studies on some medicinal weeds in Iran	Ebrahim Gholamalipour Alamdari and S.S. Deokule

No	POSTER SESSION III	Time 4.00-7.00 pm
1	Study of antioxidant properties of <i>Tinospora cordifolia</i>	Anjali.V.Mane, Mokshada Verma, Sangeeta Bhagat
2	Antimicrobial activity and Phytochemical analysis of leaf extracts of <i>Aristolochia bracteolata</i> .Lam	AsraParveen and SrinathRao
3	Comparative immunomodulatory potential of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> and Neem Guduchi	Nagarkar B., Chavan T., Kasote D., Narkhede A., Kulkarni O., Harsulkar A., Jagtap S.
4	Activity of <i>Rubus niveus</i> extracts on antioxidant and wound healing properties.	Blassan P. George and T. Parimelazhagan,
5	Amelioration of cisplatin induced nephrotoxicity by methanolic extract of roots of <i>Boerhaavia diffusa</i> Lin.	Bowlekar Pooja; Gadgoli Chhaya
6	Antibacterial Screening of <i>Achyranthes aspera</i> Linn. Root Extracts.	Chandrakant D. Shendkar, Sangita M. Lavate , Pranav S. Chandrachood , Suresh D. Jagtap, Nirmala R. Deshpande
7	Antimicrobial and antidandruff activity of ethanolic extract of <i>Zingiber zerumbet</i> rhizome	Basil D'Mello, Minal Patil, Maithilee Raut, Rohan Gavankar Deepa Verma Glenys D'Souza
8	Potential Anti-inflammatory and Analgesic agent from plant waste material	Deepali C. Mahajan, Usha S. Satyapal, Pratima Tatke, Vikram Naharwar
9	Evaluation for the anti urolithiatic activity of <i>Kalanchoe pinnata</i> against ethylene glycol induced renal calculi in rats	Dishant Desai, Yogeshkumar Vaghasiya, Vishvas Ranpariya and Sumitra Chanda
10	Phenolic Compounds, Antioxidant Activity And Insulinotropic Effect of Grape ( <i>Vitis vinifera</i> L.) Byproducts	Doshi P J , Adsule P. G., Banerjee Kaushik , Oulkar D. P. and Bhonde R. R
11	Evaluation of antioxidant potential of aqueous and methenolic extracts of <i>Acacia Catechu</i> .	Ashwini Patil# and Dr. Manisha Modak
12	Antioxidant Activities of Flavonoids of <i>Euphorbia indica</i> Lamk.	Solanke N.S., Dr. Nagarkar S.S and Dr. Waghmare A.A.
13	Effect of root extract of <i>Pongamia pinnata</i> on cervical cancer	Sujata Jain, Preeti Jain and Sujatha Raman
14	Larvicidal activity of indigenous plant against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i>	Sushama R. Katade, Pushpa V. Pawar, Avalokiteswar Sen, Usha D. Phalgune, Radhika D. Wakharkar and Nirmala R. Deshpande
15	Antimicrobial Screening of Various Edible and Medicinal Plants with Special Reference to <i>Cassia fistula</i> .	Suvidya Ranade, Akshay Ganamukulwar, Srividya Ganapathy, Anjali Abhay Kulkarni
16	<i>In vitro</i> antidermatophytic activity of methanolic leaf extract of <i>Argimone mexicana</i> L.	Shivakumar Singh P and G M Vidyasagar
17	Larvicidal activity of <i>Ipomoea carnea</i> extracts against <i>Aedes aegypti</i> and <i>Culex quinquefasciatus</i> .	Vaishali B .Adsul, Elija Khatiwora, PV. Pawar, N. R. Deshpande
18	Study of Antioxidant and Phytoconstituents from plant <i>Costus speciosus</i> L.	Tejas Purkar, Chetan kunjir, Sangeeta Bhagat
19	Studies on anti-tuberculosis activity of aqueous plant extracts.	Tania Chakraborty, Tanmayee Torne, Dhanashri Ahire, Ramhari Rote and A.V. Pethkar
20	<i>In vitro</i> antimicrobial and antioxidant potency of two Cucurbitaceae plants	Mital Kaneria and Sumitra Chanda
21	Anti-inflammatory activity of <i>Pluchea arguta</i> Boiss. (Asteraceae) by cotton pellet induced granuloma in rats	Yogeshkumar Vaghasiya, Jigna Parekh, Vinay Shukla and Sumitra Chanda
22	Comparison of antioxidant capacity of <i>Nelumbo nucifera</i> Gaertn. Petals and pedicel	Harsha Patel, Yogeshkumar Vaghasiya and Sumitra Chanda
23	Mango pulp: A potential source of natural antioxidant and antimicrobial agent	Kalpna Rakholiya and Sumitra Chanda
24	<i>In vivo</i> antioxidant protective effect of <i>Cissus quadrangularis</i> L. stem in rats	Krunal Nagani and Sumitra Chanda
25	Antiobesity effect of galls of <i>quercus infectoria</i> Olivier	Sujeet S. Pingale, Sandhya Parameswaran

26	Effect of Biological Response Modifiers on the Macrophage Activation	Shweta Yadav, Ejaz Ahmad Siddiqui, Mahesh Kumar Kharat, Priti More, Absar Ahmad, Kalpana Pai
27	Evaluation of anti-convulsion activity of <i>nardostachys jatamansi</i> dc. Using <i>in vivo</i> models	Sourav Mukherjee, Shital Giramkar, Ajay Wagh, Suresh Jagtap, Omkar Kulkarni
28	<i>In vitro</i> free-radical scavenging activity of marketed samples of common <i>medhya</i> formulation <i>saraswatarishta</i>	Shital Giramkar, Aarti Narkhede, Sourav Mukherjee, Suresh Jagtap, Omkar Kulkarni
29	<i>Clove</i> - Antioxidant and anti-proliferative activity.	K. S. Shisode and B. M. Kareppa
30	Antidiabetic effects of <i>Garcinia indica</i> (clusiaceae)	Omkar Kumkule, Chhaya Gadgoli, Sandhya Parameswaran.
31	<i>In vitro</i> Antioxidant and Analgesic Properties of <i>Passiflora subpeltata</i> Orteg Leaves	Shanmugam Saravanan and Thangaraj Parimelazhagan
32	<i>In vitro</i> evaluation of antimicrobial activity of crude extracts of medicinal plants against multidrug resistant pathogens isolated from wound pus.	S. S. Humnabadkar, B. M. Kareppa
33	Exploration of antimicrobial activity of some freshwater algae.	Abhay N. Salve, Manoj T. Patil and Rajendra G. Choure
34	Effect of gamma radiation on antioxidant activity of <i>Adiantum capillus -veneris</i>	Nilima.S. Rajurkar and Kunda N. Gaikwad
35	Qualitative assay and comparative study of antioxidants in Ashwagandha, Lemon, and Sadafuli.	Priyanka Kulkarni, Harshali Borole, Prachi Pandit
36	Osteoblastic activity of Indian herbal plants in combination with nutrients	Prachi dabhade, Swati Kotwal
37	Studies on anticancer properties of secondary metabolites From selected plants	Kranti Kardekar, Pooja Choudhary, Sridevi Nair, Mohammed Nagarwala and A.V. Pethkar
38	<i>In Vitro</i> Studies of Antidiabetic & Antimicrobial Properties of Extracts from Indian Medicinal Plants	Tabinda Shaikh, Navneet Kaur, Mrs.V.S.Prabhune
39	Assessment of antioxidant activity of decoction of creeper vegetables by chemical Affluence of Alternative Medicine in India	P.V. Neeraja
40	Assessment of antioxidant activity of decoction of creeper vegetables by chemical and biological assay.	Mrs. Rama Phadke, Dr. Sushama Joag, Ms. Sayli Modak, Ms. Rujuta Kshirsagar, Ms. Pratiksha Mule, Ms. Snehal Deshmukh
41	Protective role of <i>Ocimum tenuiflorum</i> and <i>Murraya koenigii</i> against streptozotocin induced oxidative stress and pancreatic $\beta$ cell damage	Menakshi Bhat Dusane, Rahul Somavanshi and Bimba N. Joshi
42	Toxicity screening of two hepatoprotective plants	Gondhalekar Manasi N., Shinde Nanda W.
43	Effect of <i>Aerva sanguinolenta</i> on <i>Leishmania</i> parasites.	Maheshkumar Kharat Jagdeep Kaur & Kalpana Pai
44	Anti microbial activity of various extracts of <i>Cassia angustifolia</i> l. Leaves	Mahesh V. Sorathiya, Yogesh Paneliya, Yogeshkumar Vaghasiya
45	Evaluation of Phenolic, Flavonoid Content and Antioxidant Capacity of <i>Polyalthia longifolia</i> Seeds.	Kavita S. Mundhe , Gayatri S. Kamble, Nirmala R. Deshpande and Rajashree V. Kashalkar
46	Antimicrobial activity reported in a weed <i>Aristolochia bracteaata</i> Retz.	Kadam M.B., Deokule S. S. , Murumkar C. V. and Chavan S. J.
47	Evaluation of Antioxidant and Analgesic activity of <i>Psychotria nilgiriensis</i> Deb. & Gang. Fruit	Iniyavan Murugaiyan, Sangeetha Devadoss and Thangaraj Parimelazhagan
48	Improvement of oral glucose tolerance in normoglycemic rats fed diets incorporated with <i>Vernonia amygdalina</i> Del.	Ijeh, Ifeoma Irene, Amadi, Ihunna Pamela and Ejike, Chukwunononso Emmanuel C.C
49	Evaluation of antibacterial activity of methanolic extract of leaves of <i>Buchanania lanzan</i> Spreng (Chironji)	Hitesh Shingadia, Meenakshi Vaidya, Hardik Joshi, Deepa Verma, Rohan Gavankar
50	Studies on Glycosidase Inhibitors: Possible Role in Management of Type II Diabetes	Nitin D. Rothe, Sachin Gunjal, Priya Chandgude, Avinash Gawade and Sudhir Bale

## 12<sup>th</sup> January 2012

No	POSTER SESSION IV	Time 11.00-12.30 pm
1	Augmentation of bacoside-A production in shoot and callus cultures of <i>Bacopa monniera</i> (L.) Pennell. by ammonium nitrate, sucrose and some stress-related compounds.	A. P. Parale, T. D. Nikam
2	Direct shoot regeneration from leaf explants of <i>Centella asiatica</i> (L.) Urban, a medicinally important herb.	Anamika Rathi, T.D.Nikam
3	Non-symbiotic Seed Germination of <i>Eulophia nuda</i> Lindl.	Bhagat S. P. and Chinchankar G. S.
4	Analysis of anthocyanin production in vivo and in vitro from <i>Syzygium cumini</i> berries	Bratati Chaudhary, Kunal Mukhopadhyay
5	Pigment formation and antimicrobial activity in callus of <i>Guizotia abyssinica</i> Cass.	Ghane S. G. and Nikam T.D.
6	Organogenesis and scopoletin accumulation in callus of <i>Shankpushpi</i> ( <i>evolvulus alsinoides</i> L.)	Naikawadi VB, Ahire ML, Lahiri A, Nikam TD
7	In vitro shoot multiplication and accumulation of harmala alkaloids in callus cell culture of <i>Tribulus terrestris</i> L.	Patil VA and Nikam TD
8	Hairy Root Induction in <i>Helicteres isora</i> L. for the Production of Diosgenin – A Steroidal Sapogenin	Aruna Kadam, Vinay Kumar and Varsha Shriram
9	Plant tissue culture and secondary metabolite development from <i>cinnamomum tamala</i> nees.	Vishal G. Mhatre, Dr. Sandhya Parameswaran
10	<i>Agrobacterium rhizogenes</i> mediated transformation of <i>Sesuvium Portulacastrum</i> L.: an alternative source for phytoecdysteroid production	Vinayak H. Lokhande, Subhash Kudale, Neetin S. Desai, P. Suprasanna and N. P. Malpathak
11	<i>In vitro</i> propagation and phytochemical screening of <i>Swertiachirayita</i> (Roxb. Ex Fleming) H. Karst: a critically endangered medicinal herb	Vijay Kumar, Rajib Bandopadhyay, M.M. Sharma Sheela Chandra
12	Effects of leaf and callus extract of <i>Dysoxylum binectariferum</i> Hook on larvae of vector mosquitoes, <i>Anopheles stephensi</i> Liston.	Uma Masur and Hemanth Kumar
13	Isolation and purification of dianthin from <i>in vitro</i> cultures of <i>Dianthus caryophyllus</i> L	Soniya H Khawale, Nutan Malpathak,
14	Production of alkaloids and glycosides in callus, root and shoot cultures and <i>in vitro</i> propagation of <i>Boerhaavia diffusa</i> L.	Nikam TD, Patil VA, Shinde RS, LaxmiS, Sontakke M, Chaudhary VR
15	Comparative study of unorganized vs organized system for production of tropane alkaloids in <i>Datura metel</i> L.	Saurabha B Zimare and Nutan P Malpathak.
16	<i>In vitro</i> regeneration of <i>Gloriosa superba</i> (L.): Highly medicinal, endangered plant of India	Ravindra B. Ade and Mahendra K. Rai
17	Effect of selected concentrations of cytokinin and auxin alone or in combination on callus growth of <i>Dolichandrone falcata</i> : A rare medicinal plant.	R. P. Bansode, V. S. Kothekar and N. B. Pandhure
18	Effect of yeast extract on secondary metabolites production in callus cultures of <i>Ficus religiosa</i> L.	Anita Rani Gill and Priyanka Siwach
19	Optimization of conditions for enhanced biomass accumulation and flavonoid production in callus cultures of <i>Ficus religiosa</i> Linn.	Priyanka Siwach and Anita Rani Gill,
20	Manipulating Scopadulcic acid – B production by <i>Scoparia dulcis</i> cell suspension cultures elicited with UV – B light	G.Premkumar, N.Arumugam, S.Muthuramkumar, G.Varatharaju, Wasim Rashid Kakroo, and K.Rajarathinam
21	<i>In vitro</i> shoot culture and production of digitoxin and digoxin in himalayan herb <i>Digitalis purpurea</i> L.	Patil JG, Ahire ML, Nikam TD
22	Influence of modified bg-11 medium on growth of <i>Coelastrum microporum</i>	K. N. Pathade and P. B. Nandkar
23	<i>In vitro</i> culture of <i>Gloriosa superba</i> L	Patil, N.M.

24	Morphological diversity, saponin content and <i>in vitro</i> multiple shoot induction in <i>Agave</i> sp.	Nikam TD, Muley KV
25	Comparative phytochemical and antibacterial profiling of <i>in vitro</i> and <i>in vivo</i> grown plants of <i>Canscora decurrens</i> .	Monal R. Kadoo Kirti K. Kogje and Rashmi N. Gahane
26	<i>In vitro</i> seed germination and root callus induction of <i>Adansonia digitata</i> Linn.	Mohseni Delarestaghi M, Chinchankar G.S.
27	Regeneration of <i>Andrographis paniculata</i> Roxb. from Encapsulated Nodal Segments.	Chhaya Yadav and Madhulika Singh
28	Multiple shoot induction and shatavarin accumulation in callus of <i>Asparagus racemosus</i> Willd.	Lahiri AC and Nikam TD
29	The effects of different plant growth regulators on callus induction of <i>Spilanthes acmella</i> murr. An important medicinal plant	Mohammad Abyari, Vishal Patil, Masoumeh Rashidi and S. S. Deokule
30	Purification of antifungal antibiotic from <i>Streptomyces</i> sp. JF714876 and its effect on structural and biochemical alterations in <i>Aspergillus terreus</i>	Shankaravva S Babanagare and G M Vidyasagar
31	Metabolic engineering for abiotic stress tolerance in <i>Bacopa monnieri</i> (L.) Pennell. using p5cs and vpp-ase gene	Ahire ML, Patil PP, Kavi Kishor PB, Nikam TD
32	Antifungal activity of <i>Celtis australis</i> leaf extract on pathogenic fungi	Showkat Ahmad, R. Sharma, Surabhi Mahajan and Ankur Gupta
33	Evaluation of Total Phenolics and Free Radical Quenching Activity of <i>Glycosmis pentaphylla</i> (Retz.) A. DC.	Senthilkumar Ravichandran, Rahul Chandran and Thangaraj Parimelazhagan
34	Comparative immunomodulatory potential of <i>Tinospora cordifolia</i> , <i>Tinospora sinensis</i> and Neem Guduchi	Nagarkar B., Chavan T., Kasote D., Narkhede A., Kulkarni O., Harsulkar A., Jagtap S
35	<i>In vitro</i> antidermatophytic activity of methanolic leaf extract of <i>Argimone mexicana</i> L.	Shivakumar Singh P and G M Vidyasagar
36	Isolation and Quantification of a Bioactive molecule from A Medicinal Plant – <i>Mimusops elengi</i> L.	Asha A. Kale, Anjali D. Ruikar, Rasika C. Torane, Nirmala R. Deshpande, Jyoti P. Salvekar
37	Rapid <i>In-vitro</i> mass multiplication of popular Indian medicinal plant, <i>Ashwagandha</i> ( <i>Withania somnifera</i> L.)	Joshi B. S., Adsul G. G. and Jadhav D. S.