

## **BIODATA OF Prof. YALAVARTHY PRAMEELA DEVI**

**Name:** YALAVARTHY PRAMEELA DEVI

**Permanent Address** : Dr.Y. Prameela Devi  
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Telangana., INDIA.  
Mobile: 91 9493993895,  
E-Mail: [prameeladeviy@yahoo.co.in](mailto:prameeladeviy@yahoo.co.in)

Date of Birth: 06-04-1958

Social Back Ground: OC

**Designation:** DEAN, Faculty of Science and Professor in the Department of Zoology, Kakatiya University, Warangal.

**Research Experience::** 38 years

**Teaching experience:**

Total Teaching Experience: 34 Years

**Date of appointment as**

Asst. Professor: 03-08-1984

Associate Professor: 03-08-1997

Professor: 03-08-2005

Retired as **Dean, Faculty of Science**, Kakatiya University, Warangal  
Telangana on 30<sup>th</sup> April 2018

## EDUCATIONAL QUALIFICATIONS:

Year	Degree
1984	Ph.D. in Environmental Biology, Zoology, S.V.University, Tirupati
1979	M.Sc. a Master's in Zoology with Environmental Biology Specialization, S.V.University, Tirupati.
1998	LLB,Kakatiya University, Warangal.
1989	M.Ed. a Master's in Science Teaching Methodology, Nagarjuna University, Guntur.
2000	PGDCS in Computer Science, Hyderabad Centarl University, Hyderabad.
2011	Patent Laws, NALSAR, Hyderabad

Title of Doctoral Thesis: Enzymatic Methods for Detection and Environmental Monitoring of Select Heavy Metal Compounds.

**Research publications:** 135 Research Papers in various National and International Journals of repute.

**Conferences Attended** : 38 International and 45 National Seminars and Conferences Attended and presented scientific papers, gave invited talks, chaired sessions and acted as advisory board member.

**Professional Trainings Undergone** : 17

**PhD's Supervised** : 30

**M.Phils Supervised** : 2

**M.Techs Supervised:** 8

**B.Tech Projects Supervised :** 30

**Awards :** **NRDC, Government of India, Award 1983.**  
**DST Young Scientist award, 1988, India.**  
**UGC Research Award, 2006, India.**  
**Australian Government Endeavour Executive (for Professional Development) Award, 2010.**  
**Research Recognition Award from NEA, India 2016**  
**Best Teacher Award – Telangana State - 2017**

## **Other Activities**

### **Inspection Committee Member State/ National**

- **NAAC PEER COMMITTEE MEMBER**
- Worked at JNTUH as a Member of Inspection Committee to various Engineering and Pharmacy Colleges during my service at JNTUH for six years.
- At various capacities as Professor, Head, Chairman, Board of Studies, Department of Zoology, went for Inspections to various affiliated Colleges of Kakatiya University.

### **Honorary Advisor for Various Consultancy Organizations:**

1. Honorary advisor and subject expert in Biology to **Pragathi Environmental Consultants Pvt. Ltd.**, recognized by Ministry of Environment and Forests, Government of India where they are involved in Environmental Impact Assessment, water, air, soil, quality assessment, Environmental Management Plan.
2. Honorary Advisor to **Sipra** Laboratories, India, where Pharmacological drug testing and clinical trials for drugs will be undertaken on commercial basis.
3. Honorary advisor to Chitanya Envirotech Pvt. Ltd. Hyderabad, A.P., India, and the company will be doing turnkey projects for industries to manage the pollution that is released.
4. Honorary advisor for Vetindia Pharmaceuticals Pvt. Ltd., Hyderabad, a veterinary drug manufacturing company.
5. Honorary advisor for Indian Genomix Pvt. Ltd., Hyderabad, Human and veterinary drug manufacturing company with Research and Development.

### **Resource person:**

- ✓ **Pollution Control Board** – Resource person for workshops (conducted to analysts and scientists of APPCB and seminars (on the occasion of Environment Day, Ozone Day etc.) at Pollution Control Boards of Telangana and Andhra Pradesh.
- ✓ **UGC Academic Staff colleges**-Gave lectures in Orientation and Refresher Courses to Under Graduate and Graduate Teachers.
- ✓ **Conferences** – Gave plenary lectures on the topics of research that is undertaken and acted as chairperson to conduct the sessions on the subject of my research. Attended many Conferences, seminars and workshops on Environment related topics and gave plenary lectures and lead lectures.
- ✓ **UGC visiting Faculty** - As a visiting faculty to SPMVV, Tirupati, S.V.University, Tirupat, JNTUH, Hyderabad, S.K.University, Anantapur, Ranchi University, Ranchi, RTM Nagpur University, Nagpur, JNTUH, Hyderabad gave lectures on various topics of expertise.
- ✓ **NGOs** – Gave Environmental problems and Awareness lectures in workshops, seminars and awareness programs conducted by various NGOs in Telangana and Andhra Pradesh and other states.

### **Expertise in the field of Environment:**

- Developed a portable pollutant detector strips kit for environmental monitoring of pollutants from water using biological principles which is patented
- Developed a tablet method for quantification of toxic chemicals from the environment.
- The above two methods are patented in 1983 and 2010 respectively.
- Got National Research and Development Corporation of India award in 1983 for field kit development which is useful for environmental monitoring.
- Started M.Sc., Environmental Sciences course at Kakatiya University in Distance Education mode in the year 1994 which was very successful with 100 students intake.
- Gave lectures on Environmental Pollution, Environmental Impact Assessment, Carbon Sequestration, Global Environmental Problems like Ozone Layer

- Depletion, Acid Rains, Green House Effect and Global Climate Change in many conferences and public speeches.
- Gave lectures and demonstrations to train the technicians at A.P. Pollution Control Board on Environmental Impact Assessment, Environmental Management Plan, Methodology for Biomonitoring of Aquatic Ecosystems and Terrestrial Faunal Studies.
  - Participated in Non-governmental organizations by way of conducting workshops for the trainers and participated in the NGO'S Programs in different places to inculcate environmental awareness among the common public.
  - Conducted many activities like exhibitions, quiz programs, elocution competitions to school children to create awareness on environment and its related problems through various NGOs.
  - Conducted surveys in slum areas to know the sanitation conditions and drinking water availability and also for the assessment of hygienic conditions of the area and the diseases that are occurring due to bad sanitation conditions and the contaminated water.
  - Honorary member for Environmental Consultancy Services recognized by Ministry of Environment and Forests, Government of India. Attends their Board meetings and extends expertise advices.

**Expertise in the field of Biotechnology:**

- Worked for Six years from 2001 to 2004 on deputation from Kakatiya University, Warangal and 2006 to 2009 as Visiting Scientist on onduty under UGC Research Award at Centre for Biotechnolgy, Institute of Science and Technology, JNTUH, Hyderabad.
- Developed Environmental Biotechnology Laboratory and instrumental in developing Cell Culture Laboratory at Center for Biotechnology, IST, JNTUH, Hyderabad.
- Gave Lectures on various topics like Stem Cells, Animal Cell Culture Techniques, Transgenic Animals, rDNA Technology, Bioinformatics, at S. K. University, Anantapur, S.V.University Tirupati, Ranchi University, Ranchi, GITAM University Vizag as UGC Visiting faculty.

- Worked in collaboration with Industries like Bharat Biotech, Hyderabad, Vet India Pharmaceuticals, Hyderabad, Indian Genomix, Hyderabad, NATCO Pharma, Hyderabad, Aurobindo Pharma, Hyderabad, Gland Pharma, Hyderabad.
- Worked with research Institutes like Liver Research Institute, Deccan Medical College, Hyderabad, Indian Institute of Chemical Technology, Hyderabad, NIMS, Hyderabad.
- Taught for six years to M.Tech. and M.Sc. students of Biotechnology at Center for Biotechnology, IST, JNTUH, Hyderabad.

#### **Administrative Posts Held:**

1. Worked as Warden for Padmakshi Women's Hostel, from 1987 to 1990
2. Worked as Head, Department of Zoology, Kakatiya University, Warangal during 2010 to 2012.
3. Worked as Chairman, Board of Studies, Department of Zoology, Kakatiya University, Warangal from 2014 to 2016
4. Dean, Faculty of Science, Kakatiya University, Warangal from 2016 to 2018

#### **Visits Abroad on Academic Assignments:**

**Visited USA, Australia, Malaysia, Singapore, Dubai, Canada, Srilanka, London, The Netherlands, Germany, Paris, China, Japan, Hong Kong, Dhaka, on academic assignments.**

- During 1997-1998, I have visited USA to attend and present a research paper at an International Conference of ASCB held at Washington DC. I have attended a workshop for three months on Molecular Toxicology at Medical College of Virginia, Virginia.
- In 2006 September, I went to Australia to attend and present a paper on epidemiological survey of occupational workers health condition in tannery industries in an International Conference on Epidemiology at Melbourne, Australia.
- In the year 2008 August, I visited USA to attend an International Conference on Environmental Science and Technology at Houston, Texas. I gave a plenary

- lecture in the conference and I was one of the International Advisory Board Member for the Association.
- In 2009 November I have attended an International Conference at Malaysia and presented my research findings in the conference on medicinal plant extracts for cancer treatment.
  - In 2009 November, on an invitation, I gave lectures on global climate change and pollution and on my research activities to the faculty and Research Scholars in the Department of Environmental Engineering, National University of Singapore, Singapore. They offered me collaborative research programs.
  - In 2010 February to June, I have visited Australia on Endeavour Executive Fellowship awarded in 2010. This will be awarded to International meritorious professionals by Australian Government. Under this award, I have been given a chance to interact with the scientists of Australia and a chance to work in the Monash University for four months. I worked on Global Climate Change, Nuclear Waste Management, Organic Waste recycling for production of Methane in landfills. I have given lectures at Institute of Environment, University of Adelaide, South Australia Water, Government of South Australia, on the research work that I have been involved especially development of low cost field kits for environmental monitoring of toxic chemicals. Many scientists and business people showed interest in the work. Besides this, I have visited CSIRO, Land and Water, Adelaide, and many universities in Melbourne and Adelaide and interacted with scientists and professors of the universities and discussed about the quality of higher education, research requirements and other issues.
  - In the year 2010 December, I have been invited to Dubai to give lectures on stem cell therapies for disease treatment in RAK Medical and Health University and BITS Dubai. Two research doctors worked for their PhD. on these aspects under my guidance.
  - During Aug. 2011, I went to Canada to attend a conference at University of Ottawa, Canada. I have presented a paper and chaired a session in the conference. I met scientists in the University of Ottawa and Prof. James Gomes showed interest to collaborate in research on Environmental Risk Assessment and now the work is in progress.
  - In 2011 I have visited University of Illinois at Chicago and interacted with the Head and Faculty of the Department of Biological Sciences. They showed interest to work with my Department of Zoology at Kakatiya University. The department is well equipped and they also showed interest to work for research in collaboration with my Department

- In 2012, I have visited Srilanka to attend a conference on Global Public Health. I have presented a paper in the conference on drinking water and sanitation situation in Indian slums which is one of the social determinant.
- During July 2013, I went to attend an International Conference on Food Science and Nutrition (ICFSN-2013) at London from 8<sup>th</sup> to 9<sup>th</sup> July 2013. I have presented a paper and chaired a session in the conference.
- In July 2013, I have visited Cambridge University and discussed about the syllabus, teaching methodology, facilities for research and the classroom and laboratory facilities and the selection of the Head for the Departments with the Head Department of Zoology and Chemistry. The museum is highlight in the Department of Zoology. It is noticed that the vision and mission of the Head, way back from the beginning, is leading the Department of Zoology to its height.
- I went to Amsterdam to give an invited lecture to the faculty and research scientists at Institute of Environmental Science, University of Amsterdam, The Netherlands on 11<sup>th</sup> July 2013. The interaction was fruitful as they are interested to have research collaboration with me in future.
- I went to Germany to give an invited lecture to the Faculty, Doctors, and Research Scientists at Institute of Occupational, Social and Environmental Medicine, University of Frankfurt, Germany on 15<sup>th</sup> July 2013. Discussed with the faculty and the Scientists about the increased health risk due to the pollution.
- In 2013 July, I went to Paris and visited the Department of Forests and discussed about the conservation steps that they are implementing for protection of forest cover.
- In 2014 August Visited Beijing, China to attend 5<sup>th</sup> International Conference on Analytical and Bioanalytical Techniques during 18 to 20 Aug 2014 and gave an invited talk in the conference.
- Visited Japan during 24<sup>th</sup> to 30<sup>th</sup> Aug 2014 to visit Department of Environmental Engineering, Osaka University and gave a lecture on invitation on 26<sup>th</sup> Aug. 2014. Also attended the 2014 International Symposium on Water, Sanitation and Hygiene in Asia (WASH 2014) at Hiroshima, Japan during 27 – 29<sup>th</sup> Aug. 2014 and gave an oral presentation in the symposium.
- In 2014 September, I have visited School of Biological Sciences, University of Hong Kong and interacted with the Chairman of the School and the Teaching Faculty and the Scientists and gave a lecture on Global Climate Change and

Public Participation. During the discussion with the Chairman and faculty, many interesting facts about the development of their department was noticed.

- In 2015 January, I have attended Arab Health Congress and visited RAK Institute of Pharmacy, Dubai Pharmacy College, Al Alain University of Science and Technology and interacted with Presidents, Vice Chancellors and Deans of different faculties and discussed on syllabus, industry institution collaborations, projects for science and pharmacy students, and exchange programs with India.
- In May 2015, I have attended an International Conference on Urban Health during 24-27 May 2015 and presented my paper in the conference. I have visited University of Dhaka and gave a lecture on my research topic and interacted with the faculty of Zoology on the syllabus research and the improvement of higher education standards.
- In August 2017, I have attended and gave plenary lecture in International Conference on Toxicology and Applied Pharmacology at Chicago, USA. Also visited Prof. Ashok Mulchandani Laboratory, University of California, Riverside, USA, on invitation and discussed about Biosensors development for environmental monitoring. His Laboratory developed chips for environmental monitoring of toxic chemicals and he is the pioneer in Bioengineering. I spent one week in his laboratory to learn advancements in development of biosensors.

**Social Activities:** Participated in many social activities like NSS *programs*, *blood donation camps*, *literacy programs*, *activities like sanitation*, *environmental awareness programs*, and *Medical health camps* by way of physical participation and giving lectures and also by way of conducting the programs through Non Governmental Organizations. Organized two free medical camps in the rural areas of Guntur District in 2013 and 2015.

**PROFESSIONAL EXPERIENCE:**

<b>Year</b>	<b>Position</b>	<b>Institution / University</b>
July 2016 – 2018	<b>Dean, Faculty of Science</b>	Kakatiya University, Warangal.
<b>July 2012 – 2014</b>	<b>Professor and Chairman, Board of Studies (2014 onwards)</b>	Department of Zoology, Kakatiya University, Warangal.
<b>2010 – 2012</b>	Professor and Head	Department of Zoology, Kakatiya University, Warangal
<b>2009 - 2018</b>	Professor	Kakatiya University, Warangal.
<b>2006 – Oct. 2009</b>	Professor and UGC Research Scientist.	Worked at CBT, IST, JNTU, Hyderabad, India
<b>2005 – 2006</b>	Professor	Kakatiya University, Warangal. A.P., India
<b>2004 – 2005</b>	Associate Professor	Kakatiya University, Warangal. A.P., India
<b>2001 – 2004</b>	Associate Professor	Jawaharlal Nehru Technological University, Kukatpally, Hyderabad
<b>1996 – 2001</b>	Associate Professor	Kakatiya University, Warangal. A.P., India
<b>1989 – 1996</b>	Senior Assistant Professor	Kakatiya University, Warangal. A.P., India
<b>1984 -1989</b>	Assistant Professor	Kakatiya University, Warangal. A.P., India

## **RESEARCH ACTIVITIES:**

- + Biosensors Development for Environmental Monitoring**
- + Development of methods for detection and quantification of toxic chemicals**
- + Biopesticides from natural products**
- + Environmental Toxicology – Toxicological evaluation of pollutants on animals**
- + Ecological Restoration and Environmental Management**
- + Global climate change and their effects on ecosystems**
- + Stem Cell Research in Collaboration with a Research Institute at Medical College**
- + Biotechnology Research in Collaboration with Industry**
- + Cloning and Sequencing for Detection of Mutations**
- + Phytochemical Research for Drug Development**

## **PROFESSIONAL TRAINING PROGRAMMES ATTENDED:**

1. Three weeks Training Program at ASCI, Hyderabad February – March 2018
2. One week Training Workshop on Green and Sustainable Technologies during 17-21 November 2014 at The Energy and Resource Institute ( TERI), New Delhi, India.
3. Effectiveness Enhancement Program for women Scientists & Technologists, 16-20 January 2012, sponsored by DST, Govt. of India, Organized at IMTR, Goa, India.
4. Mass propagation of Medicinal plants - conducted by Center for Biotechnology, IST, JNTU University, Hyderabad during 10<sup>th</sup> and 29<sup>th</sup> Sep 2007.
5. Research Methodologies in Biotechnology - held at Centre for Biotechnology, IST, JNT University during 23<sup>rd</sup> and 28<sup>th</sup> July 2007.
6. Intellectual Property Rights - Jointly organized by Sreenidhi Institute of Science and Technology, Institute of Science and Technology, JNTU and Osmania University college of Technology in associated with NALSAR University of Law, Hyderabad held on June 20<sup>th</sup> to 22<sup>nd</sup>, 2007 at SNIST campus, Hyderabad.
7. Bioinformatics - organized by Center for Biotechnology, IST, JNT University during 12<sup>th</sup> to 24<sup>th</sup> Feb 2007.
8. Bioprocess Engineering, design, operation and analysis of Bioreactor - Organized by CBT, IST, JNTU during 22<sup>nd</sup> to 23<sup>rd</sup> Dec 2006.

9. Refresher Course on Recent trades in Biotechnology, Conducted by UGC-ASC at JNT University, during 2<sup>nd</sup> Nov and 22<sup>nd</sup>, 2002.
10. Refresher course on Environmental Science conducted by UGC-ASC at JNT University, during Dec 2001.
11. Three months Training Program on Molecular Biology techniques, Department of Gastroenterology, Medical College of Virginia, USA, Dec 1997 to Mar 1998.
12. One week Indo-US workshop on Ecofriendly Technologies development for energy production from biomass. Conducted by S.V.University, Tirupati, India, 1991.
13. Six weeks Training Programme on Remote Sensing Applications to Ecology/Botany/Forestry, conducted by National Remote Sensing Agency, Hyderabad, Dec. 1994 to Jan 1995.
14. Refresher course in Zoology conducted by UGC-ASC, S. V. University, Tirupati, India, 1993.
15. One month Orientation Programme conducted by UGC-ASC, S. V. University, Tirupati, India, 1991.
16. Three weeks workshop on Environmental Mutagenicity and Carcinogenicity, conducted by Human Genetics Department, Ameerpet, Hyderabad, 1988.
17. Three weeks Advanced course on Animal Physiology a workshop conducted by Department of Zoology, Kakatiya University, Warangal, A.P, India, 1985.

#### **Ph.D. STUDENTS SUPERVISED ON THE FOLLOWING PROJECTS**

1. Toxicological evaluation of Triclosan on *Channa punctatus* – K,Ravi Kumar 2018
2. Assessment of environmental contamination and toxicological evaluation of Diclofenac in fresh water fish *Channa punctatus* -- P.Rohini 2018
3. Invitro evaluation of medicinal plants for antimicrobial, antioxidant and anticancer activity – S, Aliya 2017.
4. Detection and identification of Bisphenol – A from environmental samples and toxicity evaluation on fresh water fish *Chenna punctatus* - Md. Abdul Rasheed, 2017
5. Screening, extraction, and isolation of bioactive compounds for anticancer activity and antioxidant activity from some indigenous traditional plants - M.Veena Vani, 2016.
6. Screening and Evaluation of Some Medicinal Plants for Pharmacological and Pesticidal Properties – N.Ch. Krishna Jyothi, 2016
7. Evaluation of Parthenium hysterophorus plant Extract for pesticidal and medicinal properties – K. Madhu, 2016

8. Fabrication of bioactive polymer scaffolds for umbilical cord blood derived bone regeneration. -- M.Naveen Kumar - 2014 (from NIT, Warangal – Co-guide)
9. Development of Yeast cell factory for improved production of isoprenoids – B.Rama Raju 2014 (from NIT, Warangal – Co-guide)
10. Development of Low Cost Field Methods for Environmental Monitoring of Organophosphorus Compounds – G.Umamaheswara Rao 2012.
11. Effect of Antibiotic, Anti Inflammatory drug and antacid on the Pharmacokinetics of Rosiglitazone when co administered in healthy human volunteers – J N Suresh Kumar 2011
12. Isolation and identification of neural stem cells from human fetal brain for the treatment of neurological disorders - Ameer Basha Paspala 2010.
13. Isolation of hepatic progenitor cells for the treatment of acute and chronic liver diseases - Mohammed Aejaz Habeeb 2010.
14. Phytochemical search for unexplored chemical constituents from selected medicinal plants - Mohammed Ibrahim 2009.
- 15.** Production of anticancer dimmeric alkaloid from shooty teratomas of *Catharanthus roseus* (L) Don - Fathimunnissa Begum 2008.
16. Cloning and sequencing of microsatellites in human genomic DNA for detection of mutations - Venkanna Narkuti, 2008.
17. Studies on vascular endothelial growth factor, cloning, expression, purification and characterization of VEGF - Pankaj Gupta 2007.
18. Genetic Heterogeneity and antigenic variations among Indian Hepatitis Virus strains. Madhavi Chandra 2007.
19. Restoration, Management and Reclamation of Lakes with Special Reference to Miralam Tank, Hyderabad, Andhra Pradesh Ms. Razia Sultana, 2004.
20. Development of Tablet Method for the determination of Heavy Metals from Environmental Samples - G.V.Chandra Mouli 2001.
21. Environmental Impact Assessment of Tannery Industrial Effluents- A case study of Warangal, A.P, India - Thakur Ratan Singh 2000.
22. Ecological Impact Assessment of industrialization and urbanization of north east Hyderabad. - K.Rama Devi 1994.
- 23.** Bioaccumulation of select Metallic Pollutants in Producers and Consumers - T.Alimelu 1993.
24. Enzymatic Methods for Detection and Determination, Ecotoxicology and Environmental Monitoring of select Heavy Metal compounds - P.Balashouri 1992.

### **FELLOWSHIP/MEMBERSHIP IN SCINTIFIC SOCIETIES:**

1. Fellow of Zoological Society of India (FZSI)., India
2. Fellow National Environmental Association, India (FNEA), India
3. Life member of Indian Association of Aquatic Biologists (IAAB), India
4. Member of Environmental Mutagen Society of India.
5. Member of Neuroscience society of India.
6. Life member of Indian Society of Comparative Animal Physiology (ISCAP),  
India
7. Member of Association of Pollution Chemists and Biologist, India
8. Member of Society of Life Sciences, India
9. Royal Society of Chemistry, London

### **Books Published**

1. Cell Biology, Molecular Biology, Genetics and Evolution – 2018
2. Immunology and Animal Biotechnology -- 2018
3. Ecology, Animal Behaviour and Zoogeogrphy – 2017
4. A Text Book of Environmental Science - 2016
5. A Laboratory Manual of Modern Experimental Biology - 2016
6. Research Methodology in Sciences – 2011
7. Computer Applications in Biological Sciences – 2010.
8. Paryavaran Vidya – A Telugu Academy - 1996

## SOME SELECTED LIST OF PUBLICATIONS:

1. Veenavani Marka, Madhu Kamarapu, Ravulakolanu Vanisree and **Prameela Devi Yalavarthy** *Anticancer activity of crude extracts from leaves of Artocarpus heterophyllus* The American Journal of Science and Medical Research Vol.1, Issue 2, pp223 – 228, 2016.
2. Sheik Aliya, Abdul Rasheed. Md, Yalavarthy Prameela Devi, Antibacterial activity of methanolic extract of unripe *Carica papaya* fruit, *IJAPB*, 31 (1), 19-22, 2016.
3. Sheik Aliya, Yalavarthy Prameela Devi , Adepelly Uma , Antibacterial activity of methanolic extract of *Cissus quadrangularis*, *IJAPB* , 31 (1), 35-38, 2016
4. Sheik Aliya, Yalavarthy Prameela Devi, Adepelly Uma, Plants as potential resources of anticancer drugs, *Current Trends in Biotechnology and pharmacy*, 10 (1), 92-107, 2016.
5. P.Rohini, Abdul Rasheed, Kola Ravi Kumar and **Yalavarthy Prameela Devi** “*Pharmaceuticals in the aquatic environment: A review on eco-toxicity of diclofenac*” *European Journal of Biomedical and Pharmaceutical Sciences* Vol 3 Issue 2 307 - 319. 2016
6. Madhu Kamarapu, Ravulakolanu Vanisree, Abdul Rasheed.Md, **Prameela Devi Yalavarthy** *Herbicidal potential of parthenium hysterophorus leaves and flower extracts against oryza sativa, vigna radiata and abelmoschus esculentus* *Journal of Scientific Research in Pharmacy* Vol. 5.Issue 4 .pp 41-49, 2016.
7. Sheik Aliya and **Yalavarthy Prameela Devi** “*Analysis of Physicochemical and Biological Parameters of Vembanad Back Waters, near Alleppy, Kerala, India*”. 2015.
8. P.Rohini and **Yalavarthy Prameela Devi**. “*Evaluation of Antibacterial Activity of Diclofenac against Human Pathogens*” *International Journal of Advances in Pharmacy, Chemistry and Biology* Vol 4, Issue 3 pp 554-559, 2015
9. P.Rohini, Abdul Rasheed, Kola Ravi Kumar and **Yalavarthy Prameela Devi** “*Pharmaceuticals in the aquatic environment: A review on eco-toxicity of diclofenac*” 2015.
10. Shahida Begum, Md. Abdul Rasheed, **Yalavarthy Prameela Devi** and M.Ravi Kiran “*Antibacterial activity of Allium sativum l. against some human pathogens*” 2015.
11. Abdul Rasheed, Kola Ravi Kumar and **Yalavarthy Prameela Devi** “*Bisphenol A Contamination, Occurance, Fate and Toxicity - A Review*” 2015.

12. Kamarapu Madhu, Ravulakolanu Vanisree and Yalavarthy Prameela Devi, “*In vitro evaluation of antibacterial activity of leaf and flower extracts of Parthenium hysterophorus L.*” *Biolife - An International Quarterly Journal of Biology & Life Sciences*, 3(4): 838-842, 2015.
13. Ravi Kumar Kola, Md. Abdul Rasheed and **Yalavarthy Prameela Devi** “*Effect of Triclosan on total Protein content in Fresh Water Fish, Channa Punctatus*” *International Journal of Recent Scientific Research* Vol.6 Issue:6, pp 4641- 4843, June 2015.
14. Ravi Kumar Kola, P.Rohini,Md.Abdul Rasheed and **Yalavarthy Prameela Devi** “*A review on occurrence, fate and toxicity of triclosan*” *World Journal of Pharmacy and Pharmaceutical Sciences* Vol.5, Issue 7 PP 711-716, 2015.
15. Nadella Kumudini, Addepally Uma, **Yalavarthy Prameela Devi**, Shaik Mohammad Naushad, Rukmini Mridula, Rupam Borgohain and Vijaya Kumar Kutala “*Association of Parkinson’s Disease with Altered Serum Levels of Lead and Transition metals Among South Indian Subjects.*” *Indian Journal of Biochemistry and Biophysics* Vol.51, PP 121- 126, April 2014.
16. Nadella Kumudini, Addepalli Uma, **Yalavarthy Prameela Devi**, Shaik Mohammad Naushad, Rukmini Mridula, Rupam Borgohain and Vijaya Kumar Kutala “*Impact of COMT H108L, MAOB int 13 A>G and DRD 2 haplotype on the Susceptibility to Parkinson’s Disease in South Indian Subjects*” . *Indian Journal of Biochemistry and Biophysics* Vol.50, PP 436-441, October 2013.
17. Naveen Kumar Mekala, Rama Raju Baadhe, Sreenivasa Rao Parcha, **Prameela Devi Yalavarthy**. “*Physical and degradation properties of PLGA scaffolds fabricated by salt fusion technique*”. *Journal of biomedical research*. Vol. 27(4): pp 318-25, 2013, pp 6003 – 6008.
18. Rama Raju Baadhe, Naveen Kumar Mekala, Sreenivasa Rao Parcha, **Yalavarthy Prameela Devi**. “*Optimization of amorphadiene production in engineered yeast by response surface methodology.*” *3biotech* Vol 3(5), 2013.
19. Rama Raju Baadhe, Naveen Kumar Mekala, Sreenivasa Rao Parcha and **Yalavarthy Prameela Devi**, “*Combination of ERG9 Repression and Enzyme Fusion Technology for improved production of Amorphadine in Saccharomyces cerevisiae*” *Journal of Analytical Methods in Chemistry* Vol. 10, 2013
20. Naveen Kumar Mekala, Rama Raju Baadhe, Sreenivasa Rao Parcha, **Yalavarthy Prameela Devi**, “*Osteoblast Differentiation of Umbellical Cord Blood – Derived Mesenchymal Stem Cells and Enhanced Cell Adhesion by Fibronectin*” *Tissue Engineering and regenerative Medicine* Vol. 9 No. 5 PP 259 – 264, 2012

21. Naveen Kumar Mekala, Rama Raju Baadhe, Sreenivasa Rao Parcha, **Yalavarthy. Prameela Devi**, “*Enhanced Proliferation and Osteogenic Differentiation of Human Umbilical Cord Blood Stem Cells by L-Ascorbic Acid, In Vitro*” *Current Stem Cell Research & Therapy* Vol. 8. Pp 156-162, 2013.
22. Abdul Rasheed Md, Ravikumar Kola and **Prameela Devi Yalavarthy**: A “*Assessment of Antibacterial Activity of Bisphenol A (4,4'-Isopropylidenebisphenol)*” *International Journal of Innovative Research in Science, Engineering and Technology* Vol. (2), Issue-11/4809-4812, November 2013.
23. Ravikumar Kola Abdul Rasheed Md, and **Prameela Devi Yalavarthy**: A “*Evaluation of Antibacterial Activity of Triclosan Against Human Pathogens*” *The Ecoscan An International Quality Journal of Environmental Sciences Special Issue* Vol. (4), November 2013.
24. Rudra Reddy, Regatte, Madhusudan Reddy Narra, Venkateswara Rao Joginapally and Prameela Devi Yalavarthy “*Effect of Chlorpyrifos insecticide on cholinesterase activity and its depuration in the crab *Barytelphusa guerini**” *International Journal of Scientific and Medical Research*, Vol 1 (1) pp29-35, 2013
25. Abdul Rasheed Md, Veenavani Marka and **Prameela Devi Yalavarthy**: A “*Study on Antioxidant Activity of Some Commonly Used Spices in India*”. *International Journal of Life Sciences Biotechnology and Pharma Research*, Vol. (2), No. 4, October 2013.
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