

## Bio-Data

### NAGELLI KISHORE

Assistant Professor

Department of Microbiology

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### **EDUCATIONAL QUALIFICATIONS**

Degree/ Class	University / Board	Year	Specialization	Percentage of marks	Class/Division
S.S.C.	Board of Secondary Education, A.P.	1993-1994	--	76.6	1 <sup>st</sup> distinction
Intermediate	Board of Intermediate Education, A.P.	1994-1996	--	66.9	1 <sup>st</sup>
Graduation (B.Sc.)	Osmania University, Hyderabad, A.P.	1998-2001	Microbiology	74.6	1 <sup>st</sup> distinction
Post- graduation (M.Sc.)	Kakatiya University, Warangal, A.P.	2001-2003	Microbiology	75.5	1 <sup>st</sup> distinction

### **Ph.D (2007)**

Awarded with the degree Doctor of Philosophy in Microbiology for the Ph.D. thesis entitled "**Formulation and evaluation of multiagent bioinoculants for agroforestry tree nurseries**" from Kakatiya University, Warangal, A.P., India.

### **COURSES STUDIED**

DURING M.Sc. (Microbiology)	DURING B.Sc. (Microbiology, Botany, Chemistry)
<ul style="list-style-type: none"> <li>▪ General Microbiology</li> <li>▪ Immunology &amp; Virology</li> <li>▪ Microbial Genetics</li> <li>▪ Molecular Microbiology</li> <li>▪ Microbial Biotechnology</li> <li>▪ Industrial Microbiology</li> <li>▪ Medical Microbiology</li> <li>▪ Agricultural Microbiology</li> <li>▪ Environmental Microbiology</li> <li>▪ Microbial Metabolism</li> <li>▪ Analytical techniques</li> <li>▪ Biochemistry</li> <li>▪ Bioinformatics</li> <li>▪ Bio - Statistics</li> <li>▪ Computer Applications.</li> </ul>	<ul style="list-style-type: none"> <li>▪ Medical Microbiology</li> <li>▪ General Microbiology</li> <li>▪ Industrial Microbiology</li> <li>▪ Botany</li> <li>▪ Organic Chemistry</li> <li>▪ Inorganic Chemistry</li> <li>▪ Physical Chemistry</li> </ul>

## RESEARCH EXPERIENCE

Worked as **Project Associate** in UGC sponsored Major Research Project entitled "Formulation, Mass production, Evaluation and Commercialization of Multiagent Bioinoculants for Agroforestry Nurseries"

Awarded with **Senior Research Fellowship** from ICAR and worked on a project entitled "**Application of microorganisms in agriculture and allied sectors**" in Central Research Institute for Dryland Agriculture (CRIDA), Hyderabad.

Worked as **Research associate** in Central Research Institute for Dryland Agriculture (CRIDA), Hyderabad.

Worked as **Production Manager** in Varssha bioscience and technology

## RESEARCH INTERESTS AND OTHER EXPERIENCE

- During Ph.D, different microorganisms *viz.* Rhizobium, Azotobacter, Fluorescent Pseudomonads, phosphate solubilizers (fungi & bacteria) and Arbuscular Mycorrhiza were used for formulation of multiagent bioinoculants.
- Experienced in quality evaluation of Biofertilizers and biopesticides.
- Mass production of biofertilizers
- Identification, mass production and quality evaluation of Arbuscular Mycorrhizal fungi.
- Worked on mass multiplication of anoxygenic photosynthetic bacteria in association with other research faculty.
- Associated in a group for biotransformation of organic compounds using bacteria and fungi
- Worked for evaluation of Minimum Inhibitory Concentration (MIC) of various drugs from Pharmacy research.
- Experienced in assessing quality and potability of water.
- Worked on Abiotic stress tolerance in plants induced by mycorrhiza.
- Also guided students for their Ph.D in *Isolation of DNA from bacteria, Primer Designing, PCR and Gel Electrophoresis.*

## COMPUTER SKILLS

- Operating system: DOS, Windows
- Programming languages: FORTRAN, DBASE
- Molecular biology software's : DNA STAR, GENE TOOL, NTSYS pc, Chromas
- Microsoft Office including Word, Excel, PowerPoint
- Working knowledge on Adobe Photoshop and SAS environment.

## TEACHING/ACADEMIC EXPERIENCE

1. Worked as part-time Lecturer in Degree and PG College, Affiliated to Kakatiya University, Warangal (2003-2007). Subjects handled – Different core subjects of Microbiology like General Microbiology, Microbial Physiology, Industrial Microbiology, Molecular Biology and Microbial Biotechnology.
2. Working as Assistant Professor of Microbiology from Aug 3<sup>rd</sup> 2009 to till date

3. Worked as chief warden, university college boys hostel from 13-08-2009 to 19-01-2011
4. Worked as In-charge head, Department for 5 yr integrated chemistry, University College, Mahabubnagar from 16-04-2012 to
5. Working as Head Department of Microbiology, Palamuru university from 05-11-2013 to till date
6. Working as Coordinator College Development Council (CDC) from 13-05-2015
7. Working as Joint Director Academic Audit (UG)-Palamuru University
8. Worked as member in various academic committees of palamuru university and external examiner for practical exams in microbiology and biochemistry of UG and PG students of Osmania, MGU university etc..
9. Peer Reviewer of scientific papers for journals- Indian journal of Experimental Biology, National Academy of Science Letters (springer)
10. Editorial Board member for journals- Global journal of Microbiology and Biotechnology (GJMB), International journal of Molecular biology and Biochemistry (IJMBB).
11. Editorial Board member for journal-“Journal of Agriculture Science” Canadian Centre of Science and Education. ISSN 1916-9752 (Print) ISSN 1916-9760 (Online)
12. Appointed as Micro Observer for the conduct of HOP&APLA 2014 General Elections by the district collector, Mahabubnagar (20.04.2014).
13. Performed duties as Judge for District Level Exhibition & Project Competitions of Inspire Awardees: Sep 2015, by the DEO Mahabubnagar.
14. Member Board of Studies in Microbiology of MVS Govt. Degree & PG college , Mahabubnagar

#### **ADDITIONAL COURSES/EXPERIENCES**

1. Completed certificate course on “**Intellectual Property Rights**” conducted by World Intellectual Property Organization (WIPO), Geneva, Switzerland.
2. Completed “**Orientation Course on Communicative English**” conducted (held from 26-11-2012 to 24-12-2012) at **academic staff college**, Osmania University.
3. Completed certificate course on “**Microbiology and Forensic Science**” conducted (18<sup>th</sup> Nov 2014) by Open Universities, Australia.
4. Completed certificate course on “**Biology-Genes and Gene Technology**” conducted (19<sup>th</sup> Nov 2014) by Alison-Advanced learning and Interactive Systems Online..

#### **NATIONAL TRAININGS:**

1. National training Programme on “**Microbial Community Analysis through Metagenomics**” organized by National Bureau of Agriculturally Important Microorganisms (NBAIM), Mau Nath Bhanjan, Uttar Pradesh, India 3<sup>rd</sup>-7<sup>th</sup> Feb 2007.
2. National training Programme on “**Molecular and Serological Detection of Plant Viruses**” organized by National Bureau of Agriculturally Important

Microorganisms (NBAIM), Mau Nath Bhanjan, Uttar Pradesh, India 24<sup>th</sup> -1<sup>st</sup> Feb 2008.

3. Attended training cum workshop on “**Statistical tools for data analysis**” conducted by CRIDA Hyderabad from 2-7 March, 2009.

## MEMBERSHIP OF PROFESSIONAL BODIES

1. Life Member: Asian PGPR Society, Auburn, USA
2. Life Member: The Indian Science Congress Association (ISCA-L29925)

## MEMBERSHIP OF PROFESSIONAL BODIES

### PERSONAL DATA

Name	:	<b>N. KISHORE</b>
Date of Birth	:	21-08-1979
Sex	:	Male
Father’s Name	:	N. Anantha Rao
Marital status	:	Married
Nationality	:	Indian
Languages known	:	English, Hindi, Telugu

## PUBLICATIONS

### Published

#### 2015

1. Pramod D, **Kishore N**, Nasaruddin K (2015) Comparative evaluation of PCR based amplification of conserved genomic regions from *Xanthomonas oryzae* pv *oryzae* (Xoo) for rapid and specific detection from infected plant samples. Int J Pharma and Biosciences 6(2): (B) 1052 - 1061 (ISBN: 0975-6299)(**Impact factor-2.958**)
2. Pramod D, Gandhi KH, Ravi Kumar M, **Kishore N** (2015). Multiplex PCR assay for specific, sensitive and rapid detection of three food borne pathogens *Salmonella sp*, *Shigella sp* and *Listeria monocytogenes*. Ind. J. Appl. Res.5(1): 469-470, (ISSN - 2249-555X) (Journal DOI : 10.15373/2249555X) (**Impact factor-3.62**)
3. **Kishore N**, Pavan K Pindi, Ram Reddy S (2014) Phosphate solubilizing microorganisms-A critical review. In: ‘Plant biology and Biotechnology: Volume I: Plant diversity, organization, function and improvement’ (Eds Bir Bahadur, M. V. Rajam, Leela Sahijram and K.V. Krishnamurthy). Chapter 12, pp: 307-333 (DOI: [10.1007/978-81-322-2286-6\\_12](https://doi.org/10.1007/978-81-322-2286-6_12))(**Springer-ISBN 978-81-322-2285-9**).

#### 2014

4. Pramod D, Nasaruddin K, **Kishore N** (2014). Bacterial blight of rice- Diagnostic methods: A critical review. ‘In: Business management educational aspects social sciences and science and technology (BESST)’ Victorious

Publishers, New Delhi (India) pp: 233-243, ISBN: 978-93-84224-05-9. **(Book chapter- National)**

5. **Kishore N**, Vijender Reddy A (2014). Organic Farming: A brief comprehension of methods. 'In: Business management educational aspects social sciences and science and technology (BESST)' Victorious Publishers, New Delhi (India) pp: 259-269, ISBN: 978-93-84224-05-9. **(Book chapter-National)**
6. Vijender Reddy A, Pramod D, **Kishore N** (2014). Increment in growth parameters of *Abrus precatorius* by PGPR does not confer increment in antimicrobial activity. *Int. J. Curr. Research* 6(07): 7404-7408 (ISSN 0975-833x) **(Impact-1.125)**
7. Pramod D, **Kishore N**, Vijender Reddy A, Nasaruddin (2014). Evaluation of conventional and 16s rDNA identification methods for detection of *Xanthomonas* causing leaf blight in rice. *Int. J. Curr. Research* 6(07): 7409-7413 (ISSN 0975-833x) **(Impact-1.125)**

### 2013

8. Ramesh M, **Kishore N** and Ram Reddy S (2013). Isolation, screening and evaluation of fluorescent pseudomonas associated with three agroforestry tree species. *Adv Plant Sci* 26(1): 25-30 **(NAAS-2.7)**
9. Leo Daniel Amalraj E, G. Praveen Kumar, Sk. Mir Hassan Ahmed, Abdul Rasul, **Kishore. N** (2013). Microbiological Analysis of Panchagavya, Vermicompost, FYM and their effect on Plant Growth Promotion of Pigeon Pea (*Cajanus cajan* L.) in India. *Organic Agriculture* 3(1): 23-29 (DOI: 10.1007/s13165-013-0042-2) **(Springer- Impact factor 0.5)**.
10. **N. Kishore**, P. Pavan Kumar and S. Ram Reddy (2013) Arbuscular mycorrhizal status and influence of artificial inoculations on growth of nursery saplings of four agroforestry tree species. *The Indian Forester* 139 (6) : 501-506 (ISSN 0019-4816). **(NAAS impact 3.8)**

### 2012

11. Praveen Kumar G, **Kishore N**, Leo Daniel Amalraj E, Mir Hassan Ahmed SK, Abdul Rasul and Suseedra Desai.(2012). Evaluation of Pseudomonas spp. with Single and Multiple PGPR traits for Plant growth Promotion of Sorghum in combination with AM fungi. *Plant Growth Regulation*. (DOI: 10.1007/s10725-012-9670-x) 67(2):133-140. **(Impact Factor-1.672)**
12. **Kishore N**, Ramesh M and Ram Reddy S (2012). Evaluation of PGPR traits of some phosphate solubilizing microorganisms associated with four agroforestry tree species. *Asian J microbial Biotech Environ Science*, 2012(2):193-204 **(NAAS impact 3.07)**
13. S. Ram Reddy, P. Pavan Kumar and **N. Kishore** (2012) Recent trends in the exploration of microbial diversity. In *Microbial Diversity-Exploration and*

Bioprospecting (Ed.) S Ram Reddy, M.A. Singara Charya and S. Girisham. Scientific Publishers (India) Jodhpur (**Proceedings**)

14. **Kishore. N**, Ramesh. M, Praveen Kumar V and Ram Reddy S (2012). Studies on *in vitro* compatibility of plant growth promoting microorganisms with reference to certain agroforestry tree species. *J. Microbial World* 12(1) (ISSN - 0972 - 1487)

## 2010

15. B. Sreedevi, **N. Kishore** and S. Ram Reddy (2010). Optimisation of growth parameters on cellulose production by an alkaline *Fusarium* sp. Under submerged fermentation conditions. *J. Basic and applied mycology*. 9(I&II): 65-70
16. Praveen Kumar G., **Kishore N.**, Mir Hassan Ahmed SK., Abdul Rasul, Suseelendra Desai, Gopal Reddy and Venkateswarlu B. (2010). Evaluation of Fluorescent *Pseudomonas* spp. with Single and Multiple PGPR Traits for Plant Growth Promotion of Sorghum in Combination with AM fungi. In: "Plant Growth Promotion by Rhizobacteria for Sustainable Agriculture." Scientific Publishers, New Delhi, India. pp: 293-299, ISBN: 978-81-7233-660-8. (**Book Chapter-National**)
17. Leo Daniel Amalraj E, **Kishore. N**, Suseelendra Desai, Venkateswarlu. B. (2010). Growth, Shelf life and Bioefficacy of liquid Inoculants (PSB, *Azospirillum* spp and *Azotobacter* spp) Formulated with polymeric additives. In: "Plant Growth Promotion by Rhizobacteria for Sustainable Agriculture." (Eds. Sayyed R. Z. Reddy M. S. Sharma Y. R. Reddy K. R. K. Desai S. Rao V. K. Podile A. R. Reddy B. C. Kloepper J. W.) Scientific Publishers, New Delhi, India. pp: 609-, ISBN: 978-81-7233-660-8. (**Book Chapter-National**)

## 2009

18. Sk.Z.Ali, Sandhya V, Minakshi Grover, **Kishore. N**, Venkateswar Rao L and B. Venkateswarlu (2009). *Pseudomonas* sp. strain AKM-P6 enhances tolerance of sorghum seedlings to elevated temperatures. *Biol Fertil Soils* **46:45-55**. (**impact factor -2.505**)
19. Sandhya, Sk.Z.Ali, Minakshi Grover, **Kishore. N** and B. Venkateswarlu (2009). *Pseudomonas* sp. strain P45 protects sunflower seedlings from drought stress through improved soil structure. *J. Oilseeds Res.* **26**: 600-602 (**NAAS-3.3**)
20. **N. Kishore**, Abdul Rasul, B. Venkateswarlu (2009). Pantala Utpatti lo mycorrhiza. *Annadata* (telugu monthly) march 2009: 36-37 (**Popular article**)
21. Pavan K.Pindi, **Kishore. N**, S.R.Reddy, S.M.Reddy, S.Chatterjee, I. Sherameti, R. Oelmuller and A.Varma (2009). Metagenomics: A Splendid Novel approach to explore and Exploit Microbial diversity. *Bio-Nano-GenoSciences: The future challenges* (eds) Prof. Alok Shrivastava and Prof.

Dr.Ispita Roy, Published by Ane Books.Pvt Ltd, New Delhi, Chapter 18:161-186.(ISBN 818052180x) **(Book Chapter-National)**

22. Pavan K. Pindi, **N. Kishore** and S Ram Reddy (2009). Metagenomics-Principles, Methodology and Biotechnological Potentials. In **A Text Book of Molecular Biotechnology** (Eds.) Ashok K Chauhan and Ajit Varma. I. K. International Publishing house Pvt Ltd Chapter 14, 333-367 (ISBN: 9789380026374) **(Book Chapter-International)**

## 2008

23. Pindi PK, **Kishore N**, Reddy SR, Reddy SM, Bhatnagar K and Varma A (2008) Metagenomics: A Splendid Novel Approach to Explore and Exploit Microbial Diversity for Nano-Biotechnological Applications
24. Pavan K , **N Kishore**, S Ram Reddy and S M Reddy, S Chatterjee, I Sherameti, R Oelmueller, and A Varma Metagenomics (2008): A Splendid Novel Approach to Explore and Exploit Microbial Diversity. **Proceeding of the colloquium** 2007 edited by Prof Alok Shrivastava

## 2007

25. B.Venkateswarlu, Medeleine Pirat, **N.Kishore** and Abdul Rasul (2007). Mycorrhizal Inoculation in Neem enhances Azadirachtin content in seed kernels. *World J microbiol Biotechnol* 24:1243-1247. **(International Impact – 1.5)**
26. M.S. Rao, Pavan K. Pindi, **N. Kishore** and S.R.Reddy (2007). AM Colonization and Growth of *Acacia melonoxylon* in Open Cast Coal Mine Soils. *Indian Journal of Forestry*. Vol. 30(2): 155-158. **(NASS- 4/10)(ISBN 0971-9431)**

## 2006

27. **N. Kishore**, Pavan K. Pindi, S. Ram Reddy and S.M. Reddy (2006). Influence of agro-edaphic conditions on the occurrence and distribution of AM fungi. *J. Basic Appl. Mycol.* 5: 65-67. (ISBN 2150-4105)
28. B. Laxminarayana, **N. Kishore** and S. Ram Reddy (2006). Influence of some industrial effluents on AM colonization, nodulation and growth of greengram (cv. WGG2). *Pollution Research* 25(2): 347-352. **(NAAS-4.75)**

## 2005

29. Pavan K. Pindi, **N. Kishore** and S. Ram Reddy (2005). Distribution and occurrence of AM fungi in polluted soils. *J. Mycol. Pl. Pathol.*, 35(1) : 137-140.**(NASS-3.8/10)**( ISBN 0303-4097)
30. S. Ram Reddy, **N. Kishore** and B. Sreedevi (2005).In: Biotechnology of extremophiles. Proc National Seminar on Biotechnology in Environmental Protection and Monitoring. Sept 16-17, Karimnagar, A.P.India. pp 61-71

**Accepted/ In Press**

### Communicated

23. Pramod D, Ravi Kumar M, Radha P, Gandhi KH and **Kishore N** (2011). Multiplex PCR assay for specific, sensitive and rapid detection of three food borne pathogens *Salmonella sp.*, *Shigella sp* and *Listeria monocytogenes*. Intern journal Food Microbiol (Elsevier) (**Impact factor:3.143**)

### Conference / Presentations :

1. Delivered a lecture on 'Research Methodology-An Overview' (on 30-03-2017) at One Day Workshop on "Recent Trends in Competency Mapping of Degree College Teachers" held at MVS Govt. Degree & P.G College (A), Mahabubnagr, 30<sup>th</sup> March 2017.
2. Delivered a lecture on 'Microorganisms (Useful-Harmful)' (on 27-06-2015) at Faculty Development Programme (Teaching & Research Methods, pedagogical orientation and soft skills) held at Palamuru University, Mahabubnagr, 23-30 June 2015.
3. Attended one day national conference on "Drug discoveries: Inquisitive technologies" conducted by University College of Pharmacy, Palamuru University, Mahabubnagar, TS on April 10, 2015.
4. Pavan kumar P, **Kishore N**. A strategic approach for the molecular detection of a swine-flu influenza virus A (H1N1) by RT-PCR and functional probes." Poster presented at two day national conference on "New vistas of chemistry: An interdisciplinary approach" held at Palamuru university, Mahabubnagar, TS. March 12 & 13, 2015.
5. **N.Kishore** "Growth shelf life and bioefficacy of phosphate solubilizing *Pseudomonas* spp liquid inoculants formulated in polymeric additives" Paper presented at One day national conference on Nanoscience and Nanotechnology held at Mahatma Gandhi University, Nalgonda, and A.P. Feb 21<sup>st</sup>, 2014.
6. Attended one day seminar on "Recent advances in Environmental Sciences" conducted by University College, Palamuru University, Mahabubnagar, A.P on 24<sup>th</sup> Dec, 2013.
7. Attended DBT sponsored Workshop on "Biotechnologies for upliftment of SC, ST and rural population" conducted at AgriBiotech foundation, Hyderabad 17<sup>th</sup> & 18<sup>th</sup> May, 2013.
8. Madhusudan Reddy M, Pavan Kumar P and **Kishore N**. "Insilico study on role of dioxygenase in biodegradation of pyridine and its derivatives" paper presented at National seminar on challenges opportunities and emerging trends in microbial technology held at Kakatiya University, Warangal A.P, March 26-27, 2012
9. **N.Kishore**, Sreedevi B and Ram Reddy S. Evaluation of multiagent bioinoculants on growth of nursery grown saplings of two agroforestry tree species. Paper presented at National seminar on Microbial diversity Potential applications held at Palamuru University, Jan 28-29, 2012.



10. Pramod D, Ravi Kumar M, Radha P, Gandhi KH and Kishore N. Multiplex PCR assay for specific, sensitive and rapid detection of three food borne pathogens *Salmonella sp*, *Shigella sp* and *Listeria monocytogenes*. Paper presented at National seminar on Microbial diversity Potential applications held at Palamuru University, Jan 28-29, 2012.
11. Sreedevi B, **Kishore N** and Ram Reddy S. CMCase production under conditions of catabolite repression by mutant strain of *Pseudomonas sp*. Paper presented at National seminar on Microbial diversity Potential applications held at Palamuru University, Jan 28-29, 2012.
12. Pavan kumar P, Madhusudan Reddy and **Kishore N**. "A novel bioinoculant isolated from Illandu forest" Paper presented at National seminar on Microbial diversity Potential applications held at Palamuru University, Jan 28-29, 2012.
13. **Kishore, N.**, Madhusudan Reddy, D., Pavan K Pindi, 2011. Abiotic Stress Tolerance and Plant Growth Promotion of Rhizobium in *Pongamia pinnata*. Poster presented at 'National Seminar on Recent Trends in Microbial Technology', 26-27 March, 2011. Department of Microbiology, Kakatiya University, Warangal.
14. Pavan Kumar Pindi, Madhusudan Reddy, D. and **Kishore, N**. Effect of nutritional and environmental conditions on poly-B-hydroxybutyrate (PHB) production in *Bacillus cereus*. National seminar on Microbial diversity and bioprospecting: Exploring the unexplored, 25-26<sup>th</sup> March, 2010, Dept. of Microbiology, S.V. University P.G. Centre, Kavali, A.P.
15. Pavan Kumar Pindi, D. Madhusudan Reddy and **N. Kishore**. Production of Poly  $\beta$ -hydroxybutyrate (PHB) from *Bacillus cereus*. National Seminar on Microbial Diversity - Exploration & Bioprospecting, 27-28<sup>th</sup> March, 2010, Department of Microbiology, Kakatiya University, Warangal.
16. Pavan Kumar Pindi, D. Madhusudan Reddy and **N. Kishore**. *Azospirillum sp.* nov. Isolated from Illandu forest, Khammam district. Department of Botany, Telangana University, Nizamabad, A.P.
17. Leo Daniel Amalraj E, **Kishore. N**, Suseelendra Desai, Venkateswarlu. B. "Growth, Shelf life and Bioefficacy of liquid Inoculants (PSB, *Azospirillum spp* and *Azotobacter spp*) Formulated with polymeric additives" Paper presented at **First Asian PGPR Congress for sustainable Agriculture** held at Acharya NG Ranga Agricultural University, Hyderabad, June 21-24, 2009. (**Best Poster Award**)
18. **Kishore. N**, Sreedevi. B and Ramreddy. S. "Evaluation Azotobacters with multiple PGPR traits for PGP in *Pongamia pinnata*, individually and in combination with AM fungi" Paper presented at First Asian PGPR Congress for sustainable Agriculture held at Acharya NG Ranga Agricultural University, Hyderabad, June 21-24, 2009.

19. G.Praveen Kumar, Suseelendra Desai, **N.Kishore**, Sk.Mir Hassan Ahmed, Abdul Rasul, Gopal reddy and B. Venkateswarlu. "Evaluation of *Pseudomonas* spp. with Single and Multiple PGPR traits for Plant growth Promotion of Sorghum in combination with AM fungi" Paper presented at First Asian PGPR Congress for sustainable Agriculture held at Acharya NG Ranga Agricultural University, Hyderabad, June 21-24, 2009.
20. Sandhya V, Ali SKZ, Minakshi, **Kishore N** and B Venkateswarlu. "Pseudomonas strain P45 protects sunflower seedlings from drought and improve soil structure". Paper presented at 'National symposium on vegetable oils scenario. Approaches to meet the growing demands' held at DOR, Hyderabad, January 29-31 (2009).
21. Praveen. G, Suseelendra Desai, Gopal Reddy, Sk mir Hassan Ahmed, **Kishore. N**, Abdul Rasul and Venkateswarlu B. "Seed bacterization by plant growth promoting and abiotic stress tolerant pseudomonas enhances growth of pigeon pea seedlings" paper presented at international symposium on microbial biotechnology: diversity genomics and metagenomics, **49<sup>th</sup> AMI annual conference**, dept of zoology and microbiology, university of Delhi. Nov 18-20,2008
22. **Kishore, N**, Sreedevi. B, and S. Ram Reddy. 'Multiagent Inoculation Of Plant Growth Promoting Rhizobacteria In Combination With Mycorrhiza for *Pongamia pinnata*' paper presented in **3<sup>rd</sup> International congress on Bioprocess in food industries'** held at Osmania University, Hyderabad (A.P), Nov. 6-8, 2008.
23. Sreedevi. B, **Kishore, N.**, and S. Ram Reddy. 'Partial purification and characterization of CMCase by catabolite repression resistant mutant strain of bacillus sp (BCCRNT13) paper presented in **3<sup>rd</sup> International congress on Bioprocess in food industries'** held at Osmania University, Hyderabad (A.P), Nov. 6-8, 2008.
24. Attended European Union sponsored "**NanoBiosaccharides Dissemination Conference**" held during Sept 18-19, 2008 at The University of Hyderabad. India
25. **Kishore, N.**, Sreedevi, B. and S. Ram Reddy. 'Multiagent Inoculation Of Plant Growth Promoting Rhizobacteria In Combination With Mycorrhiza for *Pongamia pinnata*. Paper presented in **Int. Conf. Plant Biotech and Mol. Biol.** held at Kakatiya University, Warangal (A.P) 15<sup>th</sup>-17<sup>th</sup> August 2008.
26. **N. Kishore**, Renuka, G., Pavan K. Pindi and S. Ram Reddy. 'Influence of Multiagent Bioinoculants on Growth of *Acacia nilotica* an Agroforestry tree Species'. Paper presented at **National Seminar on Current Trends in Biotechnology**, held at Lal Bahadur College, Warangal (A.P) Nov 30<sup>th</sup>-Dec 1<sup>st</sup> 2007.
27. **Kishore, N.**, Pavan K. Pindi and S. Ram Reddy. 'Evaluation of fluorescent pseudomonads for siderophore production and plant growth promoting

activity in four agroforestry tree species', paper presented in **46<sup>th</sup> AMI Conference** held at Osmania University, Hyderabad (A.P), Dec. 8-10, 2005.

28. **Kishore, N.,** Laxminarayana, B. and S. Ram Reddy. 'Influence of three diseases on nodulation, AM colonization and growth of Urd bean (*Vigna mungo*)' paper presented in **National Conference on Current Trends in Plant Sciences** held at Kakatiya University, Warangal (A.P), April 16-17, 2005.

#### **GenBank (NCBI) Sequence Submissions**

1. Partial sequence of Bradhyrhizobium 16s rRNA (GU451287) submitted to NCBI database

## REFERENCES

1. **Dr.B.Venkateswarlu**  
Director  
Central Research Institute for  
Dryland Agriculture(ICAR)  
Santhosnagar  
Hyderabad-59  
Email: [vbandi\\_1953@yahoo.com](mailto:vbandi_1953@yahoo.com)
  
2. **Prof. S. Ram Reddy**  
Former Head Department of Microbiology  
Kakatiya University  
Warangal - 506 009 (A.P.).  
Mobile : 9849078324  
Email : [sanditi\\_ramreddy@yahoo.com](mailto:sanditi_ramreddy@yahoo.com)
  
3. **Prof. S.M. Reddy**  
Emeritus Professor  
Department of Botany  
Kakatiya University  
Warangal - 506 009 (A.P.).  
Email : [profsmreddy@yahoo.com](mailto:profsmreddy@yahoo.com)