


Biodata of Dr.K.Manjula, Principal Scientist (Entomology)

Name	Dr.Kambham Manjula	
Designation	Principal Scientist (Entomology)	
Department	Institute of Frontier Technology, Regional Agricultural Research Station, Tirupati-517 502.	
Area of Specialization	Microbial control of Insects, Integrated Pest Management	
Mobile Number	9618934777, 7013460941	
E mail address	kambham19691970@yahoo.co.in	
University	Acharya N.G.Ranga Agricultural University	
Date of birth	21.08.1969	
Educational qualifications	SSC passed with 71%, Govt. high School, Rompicherla Intermediate passed with 77% , Govt.Junior college, Piler B.Sc(Ag), Passed with 85.5% , ANGR Agril.University M.Sc(Ag) Passed with 85.6% , ANGR Agril.University P.hD (Ag) passed with 89%, ANGR Agril.University.	
Length of service as scientist in the university	4 years (Four years)	
Length of service as teacher in the university	15 years (Fifteen years)	

Details of Service

Position	From – to	Length of service	University
Scientist (Ento)	13.05.1999 to 31.05.2003	4years	ANGRAU
Asst. Professor	01.06.2003 to 27.08.2008	5 years	ANGRAU
Associate Professor	28.08.2008 to 12.05.2014	6 years	ANGRAU
Professor	13.05.2014 to 19.07.2018	4 years	ANGRAU
Principal Scientist (Ento)	Joined on 19.07.2018		ANGRAU

Awards/honours/Fellowships received

- Shri Shakthi Prasad memorial gold medal for obtaining highest OGPA of 85.6% during M,Sc(Ag) programme
- Meritorious Teacher Award received by ANGR Agril. University at 41st convocation during 2009

Abroad programmes participated:

Participated at Agril. Research Organization, Israel for 23 days during May2009 under the sponsorship of Ministry of Agriculture in an IPM Programme

Books authored and Published :

Multi authored reference books : 2

- A short book on crop pests
- Vegetable pest management in South Zone

Book chapters authored in national books (Single authored) : 2

- Integrated pest management in major crops of Andhra Pradesh. In “ Advances in plant protection Sciences (Eds, D.Prasad and Amerika Singh) : IARI, New delhi, 2004
- Effect of Insecticides and fungicides in growth and sporulation of *Nomuraea rileyi*, an Entomopathogenic fungus. In integrated pest management and biocontrol (Eds. S.C.Dwivedi and Nalini Dwivedi): University of Rajasthan., 2006.

Multi authored : 1

Research work carried out during 1999 – 2003 : On Red hairy caterpillar, Root grub, False wire worms, Ash weevil , Ber fruit borer, Groundnut Bruchid.

Courses handled during 2003 -2015

UG (B.Sc(Ag))

ENTO131 : Insect morphology and Systematics

ENTO333 : Field diagnosis in Agriculture

AGRO206 : Crop production - I

AGRO207 : Crop production – I

Classes also taken of ENTO231 (Insect Ecology and IPM)), ENTO331 (Crop pests and their management) and ENTO332 (Sericulture, Apiculture and Lac culture)

PG and P.hD courses :

ENT501 : Insect morphology

ENT502 : Insect physiology

ENT507 : Biological control of crop pests and weeds

ENT504 : Classification of Insects

ENT506 : Insect Pathology

ENT508 : Insecticide toxicology

ENT 510 : Insect transmission of plant diseases

ENT511 : Acarology

ENT515 : Integrated Pest Management

ENT520 : Plant Quarantine

ENT 602 : Immature stages of insects

ENT 611 : Molecular approaches in Entomological research

Practical manuals prepared: Ento131, Ento231, Ento331, Ento333

Study material prepared : Ento131, 231,333 (available at www.angrau.net)

Research guidance

- No. of M.Sc (Ag) students guided as Major chairperson : 19
- No. of M.Sc (Ag) and P.hD students guided as Member : 16
- No. of P.hD students guided as Major chairperson : 1
- No. of P.hD students on Hand :2
- No. of AELP students guided as Director for the unit : 101 (From 2011 to 2018 : Guidance for production and marketing of Trichocards and Vermicompost)
- No. of II B.Sc(Ag) students guided for commercial production of vegetables : 19

Additional duties performed :

- As additional warden for girls hostel for 3 years from 2004 to 2007
- As warden for girls hostel for 1 year for 2013 - 2014
- As NSS programme officer for 3 years , from 2014-16 and 2017 -18
- Incharge for stocks in the Dept. : 14 years
- Maintaining Vermicompost unit for 12 years for demonstration to students and farmers
- Preparation of reports : 12 years
- Discharged duties as Convenor /Chairman for Cultural committee for Intercollegiate competitions, College celebrations: Member for Discipline committee, Purchase committee , Committees of National seminars, etc.

Research Projects :

Operated as Co – CCPI : 1

(On Development of IPM modules for Rainfed Groundnut During 2000 – 2003)

No. Of trials handled for pesticide Industry : 1 (Testing of Thiodicarb Against RHC)

Research Publications in National and International journals : 43

E) **Member for journals :**

- Referee for Andhra Agril. Journal
 - Life member for “Entomon”
 - Life member for Journal of Biological control
 - Life member for Andhra Agril. Journal
 - Life member for Andhra Pradesh Journal of Agricultural Sciences

Seminars/work shops /symposia attended and presented papers :

Participated seminars/ work shops : 15

(National :14 Internatioional : 1)

Papers Presented : 20

Refresher courses attended (3 weeks) : three (2 In India and 1 In Israel)

Short courses : 3

Short course organized for 11 days in the Department : 1 (National level)
(On Pests of Horticultural crops and their management during 2007)

Consultancy :

- Regular consultancy is being given to the farmers of chittoor district in plant protection aspects
- Nearly 400 farmers were given recommendations majorly for insect pest management (Anantapur and Chittor farmers)

Extension and other activities carried out:

- 35 field diagnostic visits were carried out during service
- AMC meetings participated and delivered lectures: 13
- Farmers training programmes given: 17
- Training programmes given to Departmental officials (A.O's and AEO'S) : 5
- Radio programmes given and broadcasted :6
- E TV programmes recorded and Broadcasted : 4
- Popular articles published in magazines : 18
- Regularly visited adopted village fields for 6 years (during 1999-2001 and 2004 – 2008)
- Attended 21 days training programme on Acarology at GKVK, Bangalore, during 2005
- Attended 21 days training programme on Frontiers in biotechnology at Hyderabad during 2007
- Conducted extensive survey on peanut stem necrosis disease in Anantapur district during 2001 along with teams and suitable recommendations were given to the farmers in the subsequent seasons.
- Acted as Team leader for participation of University students in 23rd Interuniversity South Zone Youth festival during 2007
- Acted as as Team leader for participation of University students in 10th All India Agricultural Universities Youth festival during 2008
- Acted as as Team leader for participation of University students in 18th Inter Agricultural Universities Youth festival during 2018
- Maintained crop cafeteria in the premises of Insectary for class purpose
- Acted as external examiner for PG and P.hD students of GKVK, Bangalore for comprehensive examination
- Acted as external examiner for Thesis evaluation for PG and P.hD students of GKVK, Bangalore, TNAU, Coimbatore
- Acted as external examiner for Question paper setting for P.G and P.hD courses for OUAT, Bhuvanewar and PAJANCOA, Karaikal

Awards/honours/Fellowships received

- Shri Shakthi Prasad memorial gold medal for obtaining highest OGPA of 85.6% during M,Sc(Ag) programme
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ENTO131 : Insect morphology and Systematics

ENTO333 : Field diagnosis in Agriculture

AGRO202 : Crop production - I

AGRO203 : Crop production – I

Classes also taken of ENTO231 (Insect Ecology and IPM)), ENTO331 (Crop pests and their management) and ENTO431 (Sericulture, Apiculture and Lac culture)

PG and P.hD courses :

ENT501 : Insect morphology

ENT502 : Insect physiology

ENT507 : Biological control of crop pests and weeds

ENT504 : Classification of Insects

ENT506 : Insect Pathology

ENT508 : Insecticide toxicology

ENT 510 : Insect transmission of plant diseases

ENT511 : Acarology

ENT515 : Integrated Pest Management

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ENT 602 : Immature stages of insects

ENT 611 : Molecular approaches in Entomological research

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Research guidance

- No. of M.Sc(Ag) students guided as chairperson (Major advisor) for thesis work : 19 (In the fields of Microbial control and IPM of Insects)
- No. of M.Sc(Ag) students guided as member of advisory committee for thesis work : 12
- No. of final B.Sc(Ag) students guided for their RAWE programme in rural areas as Principal's representative : 55
- No. of final B.Sc(Ag) students guided for their Agril. Experiential Learning Programme as project work in the fields of NPV production and Vermicomposting : 101
- No. of II B.Sc(Ag) students guided for commercial production of vegetables : 19

Additional duties performed :

- As additional warden for girls hostel for 3 years from 2004 to 2007
- As warden for girls hostel for 1 year for 2013 - 2014
- As NSS programme officer for 3 years , from 2014-16 and 2017 -18
- As cultural coordinator for Inter collegiate competetions for students and staff : for 12 years
- Incharge for stocks in the Dept. : 15 years
- Maintaining Vermicompost unit for 12 years
- Preparation of reports, carrying stock verifications, arrangements for auditing : 12 years
- Acted as incharge for Head of the Department

Research Projects :

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