

**RANGARAYA MEDICAL COLLEGE,
KAKINADA.**



Dept of Microbiology

Tel .No.0884-2302023

1. Name of the Dept with Phone No.
2. Name and addresses of the teaching staff with their photographs with their telephone, mobile, email and fax nos.
3. History of the Department From the Starting
4. Teaching facilities Available in the Department
 - a. Under Graduate
 - b. Post Graduate
5. Latest Photographs of the Dept
6. In Patients & Out Patients statistics for the years (Jan 2005 and Dec 2011)
7. Academic achievements - Papers presented in regional, state, national and International conference
8. Research activities - ICMR Projects on
9. New Equipment added to the Dept.
10. Rare surgical procedures performed -
Rare clinical cases with their photograph
And relevant material
11. Future Plans
12. Any other relevant information to the Website.

Department of Microbiology
Ranga Raya Medical College
0884 - 230 2023

- List enclosed.

- Enclosed.

Enclosed

Submitted.

Statistics - enclosed.

Enclosed

Enclosed

Enclosed

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Enclosed

—

L. Kalishni Kumar

PROFESSOR & HEAD
Department of Microbiology
Ranga Raya Medical College
G. H. Campus
KARNATAKA-533 001

NOTE:

- a. PERIOD OF WORKING FROM - TO WITH PHOTOGRAPHS *list enclosed*
7. LIST OF THE TEACHING STAFF WITH THE FOLLOWING DETAILS:
 - a. QUALIFICATION (FROM WHICH COLLEGE / UNIVERSITY) *Enclosed*
 - b. COMPLETE ADDRESS
 - c. PHONE Nos : Office
Residence
Clinic
Mobile
C.M. No.
Website
 - d. LATEST PHOTOGRAPHS OF THE TEACHING STAFF *Submitted*
8. LATEST MAJOR EQUIPMENT INSTALLED IN THE DEPARTMENT *list enclosed*
9. ANY RESEARCH WORKS UNDERTAKEN *list enclosed*
10. TEACHING STAFF SPONSORED FOR SPECIAL TRAINING IN INDIA OR ABROAD (GIVE DETAILS) *Enclosed*
10. AVERAGE DAILY BUDGET OF DEPARTMENT *Statistics - enclosed*
11. AVERAGE USED DAILY
12. ANY OTHER INFORMATION NOT INCORPORATED IN THE WORKSHEET *—*

R. Lamin
Signature of the Head of the Department. *6/7/2011*

NOTE :

Names of Teacching faculty

S. No,	Name	Designation
1	Dr R.Lakshmi Kumari MD,	Professor and HOD
2	Dr T.Shoba Rani MD,	Professor
3	vacant	Associate Professor
4	vacant	Associate Professor
5	Dr O.Satyanarayana MD.	Asst Professor
6	Dr P.V.Prasanna Kumar MD,	Asst Professor
7	Dr K.Raja Sekhar MD,	Asst Professor
8	Dr A.Durga Rani MD,	Asst Professor
9	Dr S.Srinivasa Sarma MD,	Asst Professor
10	Dr P.Kasturi MD,	Asst Professor

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr .R. LAKSHMI KUMARI

QUALIFICATION:

MBBS:

**MBBS, MD
ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM, ANDHRA UNIVERSITY.**

MD:

**RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS.VIJAYAWADA.**

DESIGNATION :

PROFESSOR & HOD

PERIOD OF WORKING::

**AS ASSISTANT PROF: FROM 5th NOV 1994 TO 25th DEC 2000
IN RMC, KAKINADA.**

**AS ASSOCIATE PROF: FROM 26th DEC 2000 TO DEC 2001
AT SVMC, TIRUPATHI.**

**FROM DEC 2001 TO 23rd AUG 2006
AT RMC, KAKINADA.**

**AS PROFESSOR: FROM AUG 24th 2006 TO 2nd AUG 2007
AT KMC, KURNOOL.
FROM 3rd AUG 2007 TILL DATE
AT RMC , KAKINADA.**

ADDRESS :

**D.NO: 10-164,
BESIDES LITTLE BUDS HIGH SCHOOL,
SAI NAGAR, INDRAPALEM, KAKINADA—533005.
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**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr .TAMMA SHOBHA RANI

QUALIFICATION:

MBBS:

MBBS, MD
ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM, ANDHRA UNIVERSITY.

MD:

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS.VIJAYAWADA.

DESIGNATION :

PROFESSOR

PERIOD OF WORKING::

AS ASSISTANT PROF: FROM 15TH SEP 1995 TO 15th OCT 2003
IN RMC, KAKINADA.

AS ASSOCIATE PROF: FROM 16th OCT 2003 TO 11th NOV 2005
AT GUNTUR MEDICAL COLLEGE, GUNTUR.

FROM 12th NOV 2005 TO 5th AUG 2008
AT ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM.

AS PROFESSOR: FROM 6th AUG 2008 TO 30th NOV 2010
AT OSMANIA MEDICAL COLLEGE,
HYDERABAD

FROM 1ST DEC 2010 TILL DATE.
AT RMC , KAKINADA.

ADDRESS :

1-9-22, SRI RAM NAGAR,
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**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr .ORUGANTI SATYANARAYANA

QUALIFICATION:

MBBS:

**MBBS, MD ,
ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM, ANDHRA UNIVERSITY.**

MD:

**RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr NTRUHS.**

DESIGNATION:

ASSISTANT PROFESSOR

PERIOD OF WORKING: FROM 27th Dec 1999

ADDRESS:

**8-21-33, BOLLAVARI STREET, GANDHINAGAR
KAKINADA-533004 ,EAST GODAVARI DIST.**

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o.satyanarayana22@gmail.com

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr. P.V. PRASANNA KUMAR

QUALIFICATION:
MBBS.

MBBS, MD
RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS, VIJAYAWADA.

MD:

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS. VIJAYAWADA.

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING: FROM JULY 10, 2003

ADDRESS :

70-2-65/5 ,
RAMANAYYAPETA, KAKINADA-533005,
EAST GODAVARI DIST

PHONE NO'S :

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drpvprasannakumar@yahoo.in

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr. K. RAJASEKHAR.

QUALIFICATION:

MBBS:

MBBS, MD
ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM, ANDHRA UNIVERSITY.

MD:

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING: SINCE NOVEMBER 2004

ADDRESS :

D-3 TRIVENI GRAND APPARTMENT ,
SHANTI NAGAR, KAKINADA-533005.
EAST GODAVARI DIST

PHONE NO'S :

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EMAIL :

rajasekharkoppada@gmail.com

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

Dr .A. DURGA RANI

QUALIFICATION:

MBBS:

MBBS, MD

**RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS, VIJAYAWADA.**

MD:

**RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS, VIJAYAWADA.**

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING: FROM: MARCH 12, 2005

ADDRESS :

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KAKINADA, EAST GODAVARI DIST
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EMAIL :

durga_97@yahoo.com

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

NAME:

DR .G. RAJYALAKSHMI.

QUALIFICATION:

MBBS:

**MBBS, MD
GUNTUR MEDICAL COLLEGE,
GUNTUR , NAGARJUNA UNIVERSITY.**

MD:

**ANDHRA MEDICAL COLLEGE,
VISHAKAPATNAM, DR NTRUHS.**

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING: FROM JUNE 2005

ADDRESS :

**FLAT NO-E3,4TH FLOOR,
HARIPRIYA APARTMENTS
JAYENDRANAGAR, GODARIGUNTA,
KAKINADA, EAST GODAVARI DIST.
PIN: 533003.**

PHONE NO'S :

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08842302023

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dr.rajyalakshmigunti@gmail.com

DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.

NAME:

Dr. S. SRINIVASA SARMA

QUALIFICATION:

MBBS:

MBBS, D.D., MD
RANGARAYA MEDICAL COLLEGE,
KAKINADA, ANDHRA UNIVERSITY.

D.D:

RANGARAYA MEDICAL COLLEGE,
KAKINADA, ANDHRA UNIVERSITY

MD:

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS, VIJAYAWADA.

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING:

FROM JULY 2007

ADDRESS :

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KAKINADA -533033.
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DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.

NAME:

Dr .P. KASTURI

QUALIFICATION:

MBBS:

MBBS, MD

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr. NTRUHS, VIJAYAWADA.

MD:

RANGARYA MEDICAL COLLEGE, KAKINADA.
Dr.NTRUHS, VIJAYAWADA.

DESIGNATION :

ASSISTANT PROFESSOR

PERIOD OF WORKING: FROM: OCT 2007

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BHASKAR NAGAR, KAKINADA-533003.
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History of Microbiology Department. .

Microbiology subject was separated from pathology as individual faculty in 1962 and the first professor to the dept was Late. Dr.M. Lakshmi Naidu who was one of the pioneers of Microbiology in this state. She strived hard to uplift the department with several research activities along with quality training to undergraduates. She had many National, and International publications to her credit.

Post graduation courses were started in the year 1977 and the first PG was Dr. Gururaj kumar who was recently retired from his services as professor and HOD of Dept of Microbiology SVMC at Thirupati.

PG seats were enhanced from 1-2.and there on up to 6 nos per year with sufficient faculty members.

As a part of post graduate training new / re emerged pathogens like Helicobacter pylori, Leptospira, MDR TB, various species of streptococci are isolated and identified accurately.

From 1998 onwards enormous work was done in the Dept regarding HIV/ AIDS epidemic in the form of sentinel surveillances, voluntary counseling and testing, CD4 estimation, research on drug resistance patterns of HIV and so on.

The IDSP wing was attached to our dept and we are assisting the district authorities in diagnosing infectious diseases. One of our Asst professor will be a member of the District task force to visit the epidemic and vaccination programme problems and assist district and state health authorities.

Several Conferences and CMEs were conducted in the dept. This dept was chosen to assist in many project works in HIV/ AIDS by the prestigious institutes like NIN Hyderabad and NARI Pune.

Teaching facilities available

Under graduate.

- 1) Faculty:- Professors-----2
Associate professors-----2
Assistant professors-----7
- 2) Practical hall—Accommodating 70 students at a time to under go practical training by rotation twice a week.
- 3) Museum- With specimens of parasitology, virology , and general bacteriology .
- 4) 2 lecture demonstration halls attached to Microbiology accommodating 75 students at a time.
- 5) Lecture galleries: Common for Pathology, Microbiology and Pharmacology. This consists of 2 AC galleries accommodating 250 students at a time. *Equipped with audio visual EQUIPMENT*
- 6) Department research laboratory: For performing short time research Programmes. Ex; ICMR projects.

Teaching facilities available for Post graduates:

Total No of recognized PG seats----6 per year.

1) Faculty: - Professors-----2

Associate professors-----2

Assistant professors-----7

2) Teaching program's conducted:-

Seminars, culture discussions, classes, Journal clubs and group discussion.

Facilities available such as

1) Practical laboratory for PG s.

2) Research room.

3) Seminar room.

4) Department library containing total no of 180 books and getting quarterly IAMM journal .

5) Animal house available.

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2011 upto June

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	2655
2	SEROLOGY	2650
3	MYCOLOGY	62
4	MYCOBACTERIOLOGY	80
5	VCTC	2767
6	PPTCT	3823
7	CD4 COUNT	8114
8	WATER SAMPLES	21
9	THEATRE SAMPLES	103
10	BLOOD CULTURES	905
	TOTAL	21180

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2005

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	2128
2	SEROLOGY	2241
3	MYCOLOGY	193
4	MYCOBACTERIOLOGY	35
5	VCTC	4907
6	PPTCT	10435
7	CD4 COUNT	-----
8	WATER SAMPLES	54
9	THEATRE SAMPLES	112
10	BLOOD CULTURES	5757
	TOTAL	25862

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2006

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	2119
2	SEROLOGY	1974
3	MYCOLOGY	57
4	MYCOBACTERIOLOGY	17
5	VCTC	5361
6	PPTCT	10731
7	CD4 COUNT	532
8	WATER SAMPLES	46
9	THEATRE SAMPLES	231
10	BLOOD CULTURES	5621
	TOTAL	26689

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2007

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	3353
2	SEROLOGY	1675
3	MYCOLOGY	47
4	MYCOBACTERIOLOGY	355
5	VCTC	5591
6	PPTCT	8586
7	CD4 COUNT	5199
8	WATER SAMPLES	206
9	THEATRE SAMPLES	54
10	BLOOD CULTURES	872
	TOTAL	25938

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2008

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	4139
2	SEROLOGY	2809
3	MYCOLOGY	20
4	MYCOBACTERIOLOGY	671
5	VCTC	4399
6	PPTCT	7433
7	CD4 COUNT	2052
8	WATER SAMPLES	124
9	THEATRE SAMPLES	108
10	BLOOD CULTURES	785
	TOTAL	26679

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2009

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	2986
2	SEROLOGY	4074
3	MYCOLOGY	37
4	MYCOBACTERIOLOGY	562
5	VCTC	4367
6	PPTCT	6987
7	CD4 COUNT	11617
8	WATER SAMPLES	199
9	THEATRE SAMPLES	138
10	BLOOD CULTURES	876
	TOTAL	31837

.DEPARMENT OF MICROBIOLOGY

RANGARAYA MEDICAL COLLEGE, KAKINADA

Statistics of investigations performed in the department for the year 2010

SL NO	INVESTIGATIONS	NO.TESTED
1	AEROBIC CULTURES & STAININGS	3212
2	SEROLOGY	5512
3	MYCOLOGY	98
4	MYCOBACTERIOLOGY	188
5	VCTC	5271
6	PPTCT	7650
7	CD4 COUNT	13936
8	WATER SAMPLES	180
9	THEATRE SAMPLES	145
10	BLOOD CULTURES	1118
	TOTAL	37310

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

ACADEMIC ACHEIVEMENTS

PUBLICATIONS

SL NO	TOPIC	PUBLISHED BY	AUTHOR
1.	Tuberculosis in the age of HIV/AIDS	Journal of NTRUHS,volume 4,July 1999	Dr.R. Lakshmi kumari --- coauthor
2.	Prognostic implications of Tuberculin response in HIV infection with Tuberculosis	NLM Gateway,Int Conf AIDS,2000 July 9-14;13:abstract no.Wepec4410	Dr. R.Lakshmi kumari --- coauthor
3.	Prevalance & spectrum of Tuberculosis among HIV infected persons attending an AIDS clinic in South India	International AIDS Society,14th International AIDS conference,Abstract no.ThpeB7267	Dr.T. Shobha rani
4.	Risk factors for the accelerated spread of HIV 1 in a cohort of women & the exploding epidemic in East Godavari dist	13th CROI,Retroviral Conference,Boston,Massachissets,USA-- 2000	Dr.T. Shobha rani
5.	Maternal mortality associated with HIV1,Tuberculosis in PMTC center of Govt General hospital,Kakinada	13th CROI,Retroviral Conference,Boston,Massachissets,USA-- 2000	Dr.T. Shobha rani

6.	The increasing incidence of HIV & Toxoplasmosis & adverse pregnancy outcome among rural antenatal women of East Godavari dist	13th CROI, Retroviral Conference, Boston, Massachissets, USA-- 2000	Dr.T. Shobha rani
7.	ESBLS in wound infections	International Journal of Microbiology	Dr.T. Shobha rani

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

ACADEMIC ACHIEVEMENTS

PAPERS PRESENTED AT STATE LEVEL.

<u>Sl no</u>	<u>Presented by</u>	<u>Name of the paper</u>	<u>Name of the conference & year</u>
1.	Dr. R. Lakshmi kumari	Detection of Filarial antibodies by indirect haemagglutination tests	1992 IAPM State chapter, Hyderabad.
2.	Dr. T. shoba Rani	Evaluation of VDRL and TPHA in early,late ,latent and antenatal cases of Syphilis.	1994—IAPM State Chapter Kurnool .
3.	Dr. R. Lakshmi kumari	Stick ELISA test in diagnosis of Lymphatic Filarisis. Awarded first prize	1996-- IAPM State Chapter Vishakapatnam.
4.	Dr. R. Lakshmi kumari	Efficacy of Rheumatoid antibody testing in diagnosis of Rheumatoid arthritis.	1997-- IAPM State Chapter Vijayawada
5	Dr. O. Satyanarayana	Aerobic & anaerobic bacterial isolations from CSOM	1998IAPM state chapter KKD
6.	Dr. T. shoba Rani	Prevalence of Nonfermenters among Blood cultures.	1999—IAMM State Chapter , Tirupati.
7	Dr. T. shoba Rani	Core group study of Sexually Transmitted Disease among commercial sex workers in Kakinada and Peddapuram. Awarded best paper award .	2000-- IAPM State Chapter,
8.	Dr.P.V.Prasanna Kumar	Bacteriological profile of lung aspirates in children .	2000—IAMM State Chapter,Hyderabad.

<u>Sl no</u>	<u>Presented by</u>	<u>Topic</u>	<u>Name of the conference & year</u>
9.	Dr. T. shoba Rani	First void urine samples in screening of male urethritis	. 2001-- IAMM State Chapter, Vishakapatnam
10.	Dr. T. shoba Rani	Epidemiological, clinical and drug interactions among antituberculosis ant antiretroviral drugs in HIV and Tuberculosis and the effects of Immunomodulators in all systems of medicine on CD4 T cell counts in HIV and Tuberculosis .	2001- IAMM State Chapter
11.	Dr. T. shoba Rani	Trichomoniasis and Sexually Transmitted Disease among high risk groups.	2002-- IAMM State Chapter, Hyderabad.
12.	Dr.A.Durga Rani	In house bacterial identification by multipoint technology	Feb 2004, IAMM AP chapter, Vijayawada
13.	Dr.Rajashekhar	Evaluation of methodology in diagnosis of Trichomonos vaginalis	Feb 2004, IAMM AP chapter, Vijayawada
14.	Dr.S.S.Sarma	Bacteriological & fungal profile in corneal ulcer patients	Feb 2006, IAMM AP chapter, Hyderabad
15.	Dr.P.Kasturi	Paper on Hepatitis-B, an overview	Sept 2006, IAPM AP chapter, Hyderabad
16.	Dr.A.Durga Rani	Oppurtunistic infections among HIV/AIDS patients in and around Kakinada	Jan 2010, IAMM AP chapter, Tirupathi.

<u>Sl no</u>	<u>Presented by</u>	<u>Topic</u>	<u>Name of the conference & year</u>
17.	Dr.Rajya Lakshmi	Detection of Biofilm formation among the clinical isolates Staphylococci & an evaluation of three different screening methods— Congo red agar, Tissue culture plate method, Tube method.	Andhra university, 2010
18.	Dr. T. shoba Rani	Algorithms in the detection of ESBL, AMP-C, K1 & KPC Beta-lactamases in Klebsiella sps & Escherichia coli Awarded best paper award	Jan 2011— IAMM State Chapter, Guntur
19.	Dr.K.Pragathi (post graduate)	Recent advances in biomarkers	Jan 2011— IAMM State Chapter, Guntur
20.	Dr.P.Akshatha (post graduate)	Detection of Cryptococcus by various methods in CSF in HIV seropositive cases	Jan 2011— IAMM State Chapter, Guntur

CONFERENCES AND CME'S CONDUCTED

1) Conducted State Chapter of IAMM in 2003.

2) CME: Immunology-2003
Parasitology-2004
Fluorescence Microscopy-2005

3) Zonal CME: CME on Immunofluorescence in 2011

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

ACADEMIC ACHIEVEMENTS

PAPERS PRESENTED AT INTERNATIONAL LEVEL

<u>Sl no</u>	<u>Presented by</u>	<u>Topic</u>	<u>Name of the conference & year</u>
1.	Dr. R. Lakshmi kumari	Prognostic implications of Tuberculin response in HIV infection with Tuberculosis	July 2000,13th International AIDS Conference,Durban,South Africa
2.	Dr. R. Lakshmi kumari	Prevalance & spectrum of Tuberculosis among HIV infected persons attending an AIDS clinic in South India	July 2002,14th International AIDS Conference,Barcitona
3.	Dr. T. shoba Rani	Paper on Trichomoniasis	2003,ISSTD Conference,Ottawa,Canada
4.	Dr. T. shoba Rani	Paper on Trichomoniasis,STDS& HIV	2003,International Conference at Durban,South Africa

**DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.**

RESEARCH ACTIVITIES:

- 1. ISOLATION OF MYCOBACTERIUM TUBERCULOSIS BY CONVENTIONAL CULTURE METHODS AND ANTITUBERCULOSIS DRUG SENSITIVITY TESTING
---Dr. K. PRAGATHI.**
- 2. SEROPREVALENCE OF CRYPTOCOCCUS IN CSF IN HIV SEROPOSITIVE CASES.
-- Dr. P. AKSHATHA.**
- 3. SEROPREVALENCE OF HSV2 IN HIV SEROPOSITIVE CASES IN AND AROUND KAKINADA.
-- Dr. RAVICHITRA. K.N.**
- 4. IDENTIFICATION OF UROVIRULENT MARKERS OF UROPATHOGENIC ESCHERICHIA COLI
-- Dr .D. VIJAYA BHARATHI.**
- 5. SEROPREVALENCE OF GENITAL CHLAMYDIA INFECTIONS IN VARIOUS HIGH RISK GROUPS.
-- Dr. SIVAPRASAD REDDY.B.**
- 6. SEROPREVALENCE OF TORCH INFECTIONS IN WOMEN WITH BAD OBSTRETIC HISTORY.
-- Dr. N. KUSUMA.**
- 7. SEROPREVALENCE OF LEPTOSPIROSIS IN PYREXIA OF UNKNOWN ORIGIN, HEPATITIS AND VETERINARY WORKERS IN AND AROUND KAKINADA.
-- Dr. P. LAKSHMI DEVI.**
- 8. ISOLATION OF SALMONELLA ENTERICA SPECIES FROM CLINICALLY SUSPECTED CASES OF ENTERIC FEVER WITH SPECIAL REFERENCE TO CHANGING DRUG RESISTANCE PATTERNS.
-- Dr. NASEEM SHAIK.**

DEPARTMENT OF MICROBIOLOGY,
RANGARAYA MEDICAL COLLEGE, KAKINADA.

NEW EQUIPMENT ADDED:

1. FLOURESCENCE MICROSCOPE

(TRINOCULAR MICROSCOPE WITH ATTACHMENTS OF
PHASE CONTRAST AND DARK GROUND)

DATE OF INSTALLATION: 5-03-2004

COMPANY: LAWRENCE -MAYO

2. CD4 MACHINE (FLOW CYTOMETER)

DATE OF INSTALLATION: 31-03-2008

COMPANY: PARTEC

3. ELISA WASHER

DATE OF INSTALLATION: 23-12-2012

COMPANY: INVERNESS

4. ELISA READER WITH COMPUTER

DATE OF INSTALLATION: 23-12-2012

COMPANY: INVERNESS

Training underwent by Teaching Staff

- 1) Dr R Lakshmi Kumari: Trained as a member of "DENGUE/JE-Lab Network in India" given by W.H.O, regional Office of South East Asia, New Delhi-2 in Oct 2006.
- 2) Dr Rajasekhar: Attended NABL (National Accreditation Biological Laboratories) Training Programme in December 2010 at Mysore conducted by the department of IPM.
- 3) Dr P V Prasanna Kumar: Attended NABL-IPM-2011 (National Accreditation Biological Laboratories) Training Programme on Calibration, Biosafety and Waste Management) at Hyderabad in the month of June 2011

FUTURE PLANS.

TO UPGRADE DEPARTMENT BY

By installing new equipment like

- a. PCR machine**
 - b. Facilities for immunofluorescence.**
 - c. To Procure Gas liquid chromatography instrument.**
-
- 2. To improve quality by participating in NABL accreditation programme .**
 - 3. To enhance research activities.**