



# Kamineni Institute of Medical Sciences



Department of Biochemistry

Welcomes

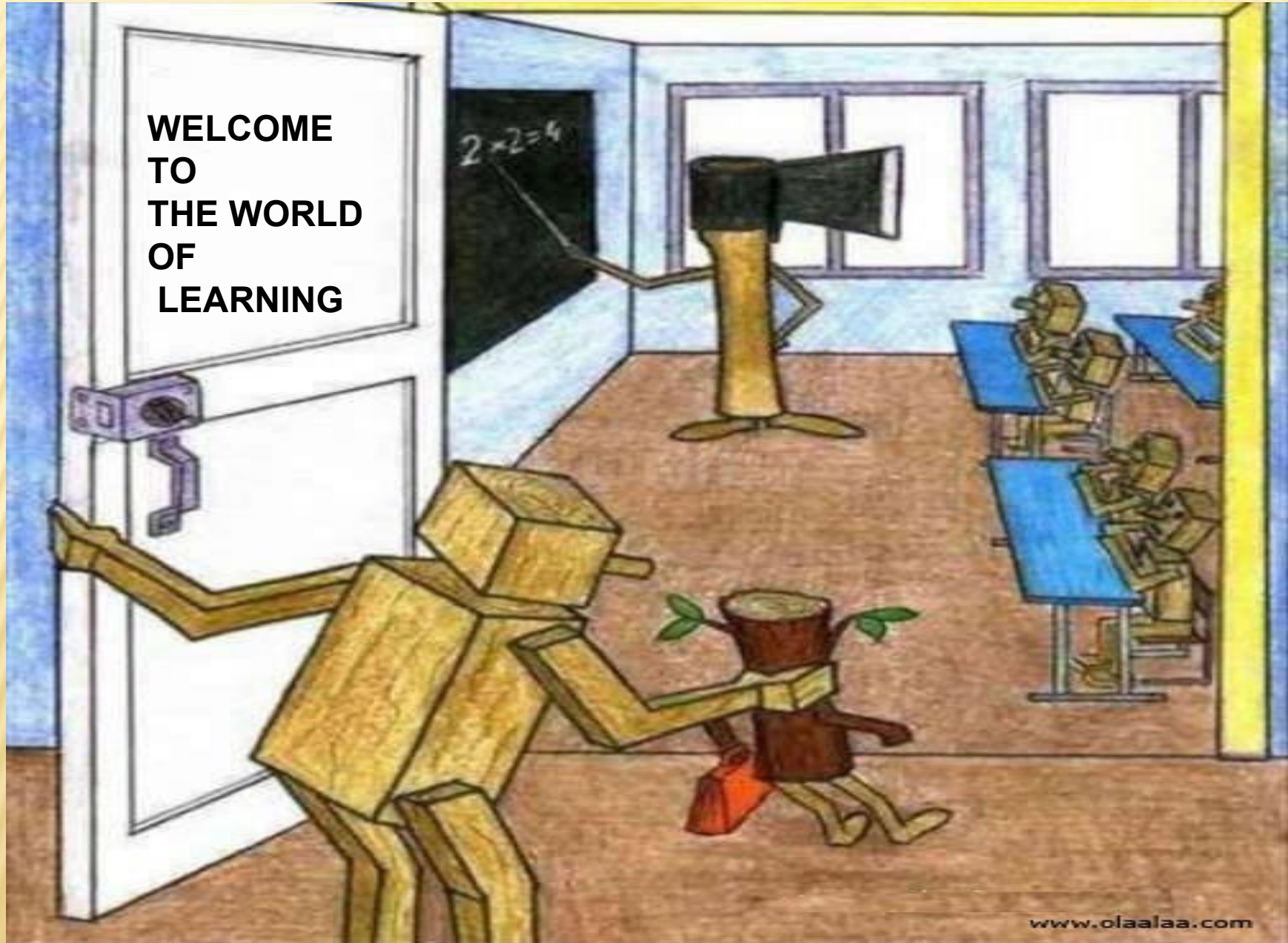
MBBS-2015-16Batch










# OUR TEAM

- Professors and Head      Dr. Archana. A. Dharwadkar
- Professor                      Dr. Shruti Mohanty
- Associate Professors      Dr. Chinnapu Reddy  
    Dr. Fal Nitin Desai
- Assistant Professors      Dr. Bindu Pavani. Ch  
    Dr. Khaja Mohinuddin Salar  
    Dr. N. Rajya Lakshmi
- Tutors                              Mr. Satish  
    Mrs. Shalini



**WELCOME  
TO  
THE WORLD  
OF  
LEARNING**



S. No.	Name of the Faculty	Designation
1	Dr. Archana A Dharwadkar 	Professor & HOD
2	Dr. Shruti Mohanty 	Professor
3	Dr G Chinnapu Reddy 	Associate Professor
4	Dr. Nitin Desai 	Associate Professor
5	Dr. Bindu Pavani 	Assistant Professor
6	Dr. Khaja Mohinuddin Salar 	Assistant Professor
7	Dr. Rajyalakshmi 	Assistant Professor
8	Mrs. Shalini 	Tutor
9	Mr. Satish 	Tutor

# Necessity to include it in curriculum

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- Biochemistry is language of biology.
- Tools for research in all the branches of medical science are mainly biochemical in nature.
- Modern day medical practice is highly dependent on the laboratory analysis of body fluids.

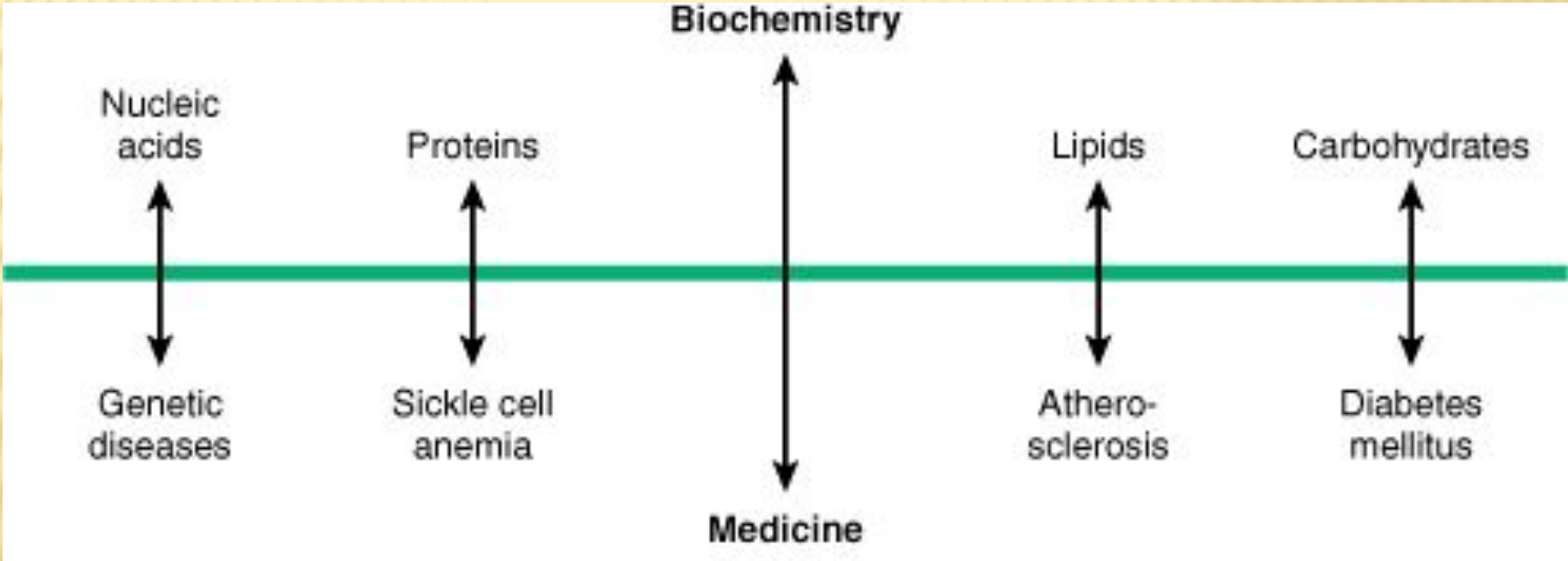
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- **Biochemistry** is the *science concerned with studying the various molecules that occur in living cells and organisms and with their chemical reactions and processes they undergo.*
  - By this definition, **biochemistry** encompasses large areas of **cell biology, molecular biology, and molecular genetics.**
  - Biochemistry is concerned with the entire spectrum of life

# How does it help to treat patients

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- The disease manifestations are reflected in the composition of body fluids ,especially blood.
- The demarcation of abnormal from normal constituents of the body helps the physician for the effective treatment of the patient.

# Relation between Biochemistry and diseases in general.





# Importance from exam point of view

✎ **Theory** Total- 3 Internal Assessment Examinations

- 1st Internal Assessment Exam: 50M

- 2nd Internal Assessment Exam:50M

- Pre-final Exam: Paper- I (50M)& Paper- II (50M)

Minimum qualifying marks :35%

# University Examination

## ☞ THEORY(100M)

Paper- I (50M)

Paper- II (50M)

## ☞ PRACTICALS-(40M)

## ☞ VIVA-(20M)

## ☞ INTERNAL ASSESSMENT(20M)



# Course plan and syllabus

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2015 Sep to June 2016

- Chemical basis of life
- General Metabolism
- Clinical and Applied Biochemistry
- Nutrition
- Molecular Biology
- Hormones
- Advanced Biochemistry

# Attendance

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- Theory Attendance Minimum = 75 %  
(Biochemistry)
- Practical Attendance Minimum = 75%  
(Biochemistry)



**Attendance  
Information**

# Faculty Incharge of MBBS

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- **In-charge:** Dr. G.C.Reddy
- **Practicals:** Dr. Rajyalakshmi



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- **Theory** classes weekly- 4 days

- **Practicals** weekly 3 day

Practicals 3 Batches Time: 11:15am-1:15pm

“A” Batch: 1-67

“B” Batch: 68-135

“C” Batch: 136-200

- **Tutorials** weekly once every Friday

Tutorial Viva Total 3 Batches

# HAPPY LEARNING

