INDIAN ASSOCIATION OF MEDICAL MICROBIOLOGISTS

LEVEL L

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Executive Council of IAMM 2013

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OFFICE OF THE SECRETARY

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Prof & Head Microbiology JN Medical College KLE University Belgaum-590010. (Karnataka) Ph 0831-2473777 extn; 4070 cell: 094481-41342.

Email: drmbnagmoti@gmail.com
iammsec1215@gmail.com

From the Desk of the President

Dear Members of the IAMM,

As summer sets in so does the examination season both undergraduate and post graduate. The oft repeated clamour for change in the Microbiology curriculum (making it more meaningful, patient oriented) becomes apparent as we go through the mundane examination pattern following the beaten track, set in motion, by an antiquated syllabus. There have been advisory committees for the Medical Council of India (MCI) who have made cosmetic changes in the existing syllabus without much



deviation from the existing pattern. A thorough revamping of the course content with bold initiative has not been forthcoming. Perhaps there is a wide divide in perception of Microbiology in a healthcare set up. Clinical Microbiologists working and manning diagnostic laboratories, infection control and disease surveillance programs, have a different view towards Microbiology, than teachers of the subject in Medical Colleges. A clinical microbiologist is oriented towards patient care and therefore channelizes his resources towards diagnosis and treatment of patients. A teacher of Microbiology on the other hand often delves deep in trying to "cover the syllabus" starting with history and ending with applied microbiology. Not to forget the practical exercises which are meant to develop skills. One wonders at the utility of these skills by future physicians.

The Medical Council of India has come out with a document 'Regulations on Graduate Medical Education- 2012'. The goal mentioned in the document is "to create Indian Medical Graduate (IMG) possessing requisite knowledge, skills, attitudes, values and responsiveness, so that he or she may function appropriately and effectively as a physician of first contact of the community while being globally relevant. There are two components that catch the attention. a). Reduction in number of teaching hours in Microbiology to 110. This will motivate us to trim a lot of unnecessary information and focus more on aspects of applied clinical Microbiology which will be relevant to them. b) 'Integration'. This requires proper planning and coordination with clinicians, for case based learning. If implemented in letter and spirit I think the required change can be brought about in the relevance of teaching Clinical Microbiology in the practice of Medicine. As of now it is relegated as laboratory based subject where the Microbiologist does not form a part of the team for patient care.

Examination pattern also needs to change to objective problem based assessment rather than testing skills which the student may not practice in his career. Topics like Infection control, antibiotic policy /stewardship, rational diagnostics, interpretation of reports, may be incorporated in the assessment, so that the student learns to choose the appropriate methodology.

A word about post graduate training. Within the broad framework of MCI guidelines, each center has modified its training, using some principles of adult learning, to suit their setting. As we train future teachers and practitioners of Clinical Microbiology emphasis must be on integrating themselves into the health care delivery system both within the hospital and the community. It is important to orient

(contd. on page 2)

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postgraduates of Microbiology to allied clinical specialties including preventive and social medicine and exposure to public health.

Training should be holistic and not examination oriented. Of late a surprising trend in some centers has been to conduct three days of examination oriented training, where a batch of PG students from several institutes, are trained on how to face the examination! It is to be remembered that each student is trained in a different environment which culminates in an assessment best judged by assessors who gauge the student's knowledge and skills, keeping in mind facilities available for his training in the institute. Instead it would be worth the while to have training on specific aspects of Clinical /Basic Microbiology so that the PG student acquires necessary knowledge and skills in topics, the facility for which may not be available in his institute. There is also a need for change in the assessment pattern for postgraduate students in Microbiology. With changing trends in patient care, greater emphasis must be laid on assessing applied aspects of Clinical Microbiology like analyzing problematic infections in the hospital, implementing infection control measures, auditing laboratory procedures, investigating infectious disease outbreaks, hospital surveillance and waste management, preparing and implementing antibiotic policies. These could be in the form of problem based exercises with skills/techniques incorporated. The present pattern of examination is entirely based on recall memory with very little emphasis on analytical skills.

There is a lot of scope for change in the current scenario of teaching Clinical Microbiology to the students pursuing MBBS and MD (Microbiology) courses in the country. It is hoped that at some point decision makers and policy formulators will sit up and take notice. Those of our IAMM members who form the core or advisory group for curriculum development either in their Universities or as a part of the MCI teams, could perhaps think in these lines.

Wishing all of you a happy summer vacation Warm wishes

Reta Kanungo

Reba Kanungo Puducherry

Congratulations to New Executive Council Members

The following IAMM life members have been elected (Un Opposed) as Executive council members for the period of 2013-15.

- 1. Dr. Basavaraj M Hemashettar. Belgaum LM 107
- 2. Dr. BL Sherwal New Delhi. LM 1676
- 3. Dr. Shampa Anupurba. Varanasi. LM 375
- 4. Dr. Satish R Patil Karad. LM 608
- 5. Dr. Shrikar Mallya Mangalore. LM 849
- 6. Dr. Basavaraj. V Peerapur. Raichur LM 1113.

 A warm Welcome to the newly elected Members to executive council.

Secretary's Message

Dear Members,

Hope you have received the first circular regarding XXXVII annual conference of IAMM. However, once again I take the pleasure of inviting you on behalf of IAMM to this esteemed meeting to be held at Novotel, HICC Hyderabad. The Conference Organizing Secretary, Dr V Laxmi, and her team are putting all efforts for the success of this



mega event. Please note that the dates of the conference are from 21st to 24th Nov 2013. I request you to visit the website for more details (www.microcon2013.com).

In the history of IAMM, this is the third time that we are meeting at Hyderabad for the Annual Conferences, once in the year 1978 and in 1984. I am sure the senior members still carry the nostalgic memories of the past conferences at Hyderabad. Our president Dr Reba Kanungo, has already visited the venue and participated in the organizing committee meeting in the month of April. Similarly, I as the secretary of IAMM, have also visited the conference venue twice, met the Organizing Secretary, Dr V Laxmi and discussed in detail about preparations for the smooth conduct of the said conference in January and May 2013. The venue is really high-Tech, huge, beautiful and hopefully will meet all our needs.

Further, I request all the members to kindly,

- 1. up-date their e-mail ID and Addresses so that you will receive all IAMM updates.
- 2. send us the information about local chapter meets to me and to Dr Aparna Lahiri Joint secretary.
- note that, the award winners in various categories should send the details of award so as to enable us to update them on IAMM website.

With Seasons best wishes to all.

With warm regards,

Dr Mahantesh B Nagamoti Secretary IAMM

Forthcoming Events

SIHAM-2014 conference on 10-12th Jan 2014 at PSG inst of Med Sciences & Aravind Eye Hosp PG Inst of Ophthlmology Coimbatore (TN). Contact; Dr B. Appalaraju, Dr Lalitha Prajna& Dr Manikandan email; sihamconference2014@gmail.com web site; www.siham2014.com

Invasive Fungal Infections: A Clinical and Mycological Update (IFI-Update 2013) at 20th July 2013 at Amrita Institute of Medical Sciences, Kochi, Contact Dr. V. Anil Kumar, Organizing Secretary Department of Microbiology Amrita Institute of Medical Sciences Ponekara, Kochi. 682041 (Kerala) (09037401413).

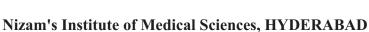
NEWS LETTER 2013



MICROCON 2013

XXXVII NATIONAL CONFERENCE OF INDIAN ASSOCIATION OF MEDICAL MICROBIOLOGISTS,

 $21^{ST} - 24^{TH}$ NOVEMBER 2013,





PATRON

Dr. Dharma Rakshak A, DIRECTOR, NIMS

CHAIRPERSON

Dr. C. S. Bhaskaran Dr. Savithri Sarma

ORGANISING COMMITTEE

ORGANIZING SECRETARY

Dr. V. Lakshmi

JOINT ORGANIZING

SECRETARY

Dr. Vijay Dharma Teja

SCIENTIFIC COMMITTEE

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Dr. S. Rachana,

Dr. S. Sukanya,

Dr. Vijaya Bharathi,

Dr. S. Sreevidya,

Dr. Parvathy V. Das

PROGRAM & WORK-SHOP

CO-ORDINATOR

Dr. T. Sudha Rani

TREASURER

Dr. M. A. Patil

RECEPTION & REGISTRATION

Dr. Nayana Joshi,

Mrs. S. Shyamala

TRANSPORT & ACCOMMODATION

Mr. DVS Sarma,

Mr. KSRK Prasad

Dear Members and Colleagues,

On behalf of the organizing committee, I have immense pleasure in inviting you to the MICROCON-2013, the XXXVII National Conference of the Indian Association of Medical Microbiologists scheduled to be



hosted between $21^{st} - 24^{th}$ November 2013 at Hyderabad, Andhra Pradesh. The IAMM had been hosted at Hyderabad in 1978 and 1984 by the Institute of Preventive Medicine (IPM). I thank the IAMM for once again extending this great opportunity to host this academic event at Hyderabad, "the city of Nawabs" and "the City of Pearls".

Culture of Hyderabad also known as Deccani Tehzeeb, is a classic blend of distinct linguistic and cultural traditions of North and South India. Since its inception in 1591, Hyderabad has transformed in to a metropolitan city with a royal patronage of arts, literature and architecture from its rulers.

I once again warmly invite you all to the academic feast at MICROCON-2013.

DR.V. LAKSHMI

Organising Secretary

NEWS LETTER 2013





B.Com., Grad.C.W.A., F.C.A Chartered Accountant

AUDITOR'S REPORT

We have audited the attached Balance Sheet of M/s INDIAN JOURNAL OF MEDICAL MICROBIOLOGY, having its office at A-3, 38, Labourdonnais Street, Pondicherry 605001 India as at 30th September 2012 and also the Income and Expenditure Account for the period 01st April 2012 to 30th September 2012 annexed thereto. These financial statements are the responsibility of the Association. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with auditing standards generally accepted in India. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material mis-statement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation. We believe that our audit provides a reasonable basis for our opinion and report that:

- i) We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purposes of our audit.
- ii) In our opinion, proper books of account, as required by law, have been kept by the Association.
- iii) The Balance Sheet and Income and Expenditure Account dealt with by this report are in agreement with the books of account.
- In our opinion, the Balance Sheet and Income and Expenditure Account dealt with by this report iv) comply with the accounting standards.
- v) In our opinion and to the best of our information and according to the explanations given to us the said Balance Sheet read together with the notes thereon, give the information required in the manner so required and give a true and fair view, in conformity with the accounting principles generally accepted in India.
 - a. In the case of the Balance Sheet, of the state of affairs of the Association as at 30th September
 - b. In the case of the Income and Expenditure Account, of the Excess of Expenditure over Income for the year ended 30th September 2012.

Place: Pondicherry Date: 20.10.2012

For PRABAKARAN .P. Chartered Accountant

> Prabakaran.P M.No.207684

NEWS LETTER 2013

INDIAN JOURNAL OF MEDICAL MICROBIOLOGY

A-3, 38, LABOURDONNAIS STREET, PONDICHERRY 605001

RECEIPTS AND PAYMENTS ACCOUNT FOR THE PERIOD 01.04.2012 TO 30.09.2012

RECEIPTS			PAYMENTS		
	Rs. P.	Rs. P.		Rs. P.	Rs. P.
To Opening Balance			By Salary Expenses		15,000.00
 a. Cash in hand 	275.00		By Printing & Stationery		1,122.00
b. SBI, a/c no.3063924334	2,03,950.95	2,04,225.95	By Bank Charges		1,299.00
			By Postage & Courier		708.00
To Anand Brothers		30,000.00	By Travelling & Conveyance		2,610.00
To Subscription Charges		47,674.00			
To Bank Interest		4,400.00	By Outstanding Expenses		
			 Audit Fees Payable 	3,000.00	
			 Accounting Charges Payable 	3,000.00	
			- Salary Payable	3,000.00	9,000.00
			By Closing Balance		
			a. Cash in hand	445.00	
	_		b. SBI, a/c no.3063924334	2,56,115.95	2,56,560.95
		2,86,299.95			2,86,299.95

INCOME & EXPENDITURE ACCOUNT FOR THE PERIOD 01.04.2012 TO 30.09.2012

Expenditure		Income	
	Rs. P.		Rs. P.
To Salary Expenses	18,000.00	By Advt. Collections	1,29,323.00
To Journal Publication Charges	4,80,667.00	By Article Processing Revenue	57,162.00
To Mailing Charges - Journal	90,645.00	By Subscription Charges	3,83,530.00
To Printing & Stationery	1,122.00	By Bank Interest	4,400.00
To Bank Charges	1,299.00		
To Postage & Courier	708.00	By Excess of Expenditure over Income	20,779.00
To Travelling & Conveyance	2,610.00		
To Depreciation	143.00		
	5,95,194.00		5,95 ,194.00

BALANCE SHEET AS AT 30.09.2012

LIABILITIES			ASSETS		
	Rs. P.	Rs. P.		Rs. P.	Rs. P.
Capital - Opening	5,94,626.95		Computer	476.00	
Less: TDS on Advertisement	49,235.00		Less: Depreciation @ 60%	143.00	333.00
Less: Excess of Exp. over Income	20,779.00	5,24,612.95			
			Receivables		
Current Liabilities & Provisions			Medknow Publications & Media	a Pvt Ltd	2,70,719.00
Salary Payable		3,000.00			
			Cash & Bank Balances:		
			a. Cash in Hand	445.00	
			b. SBI, a/c no.3063924334	2,56,115.95	2,5 6,560.95
	-	5,27,612.95		_	5,27 ,612.95

Date: 20.10.2012 Place: Pondicherry

for Indian Journal of Medical Microbiology

Editor

(Dr.Reba Kanungo)
OFFICE OF HE EDITOR 'JMM

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As per my report on even date I and a Jane of

> Prabakaran P Chartered Accountant M.No.207684

NEWS LETTER 2013

News from Local Chapters

a. Hyderabad Chapter meet:

Pre Conference CME and Workshop of XVI Annual Conference of IAMM AP State Chapter was conducted at C & DST Laboratory, GHCCD, Visakhapatnam on 8th Feb,2013. Lecture on Newer Diagnostic Methods for Mycobacterium tuberculosis by Dr. Rahul Narang. Thirty final year Postgraduates were participated. Various aspects of MTB especially molecular techniques and hybridization for detection of drug resistance were discussed.

XVI Annual Conference of IAMM AP State Chapter was inaugurated (09.02.2013) at AMCOSA, Maharanipeta, Visakhapatnam. Various senior IAMM Members were present and were felicitated in the Meeting. The conference souvenir and bulletin of IAMM AP Chapter are released during the inaugural function. Dr. K.Srinivasa Rao, President of IAMM AP Chapter, Dr. K.Prasanthi, Secretary of IAMM AP Chapter were present at the inaugural function. Dr. K. Rajya Lakshmi Memorial Oration delivered by Dr. K. Sree Rama Rao, Principal & Professor of Microbiology, NRI Institute of Medical Sciences on Diagnostic methods in Medical Mycology. Dr. V. Lakshmi, NIMS H'bad presented a guest lecture on Role of Quantitative cultures in Microbiology. Dr. Shanta Achanta, WHO Consultant presented a guest lecture on RNTCP. Oral and posters were presented along with best paper presentations (Award). Postgraduate quiz was conducted. New office bearers were elected in the GB Meeting for the year 2013-14. Dr I. Jyoti Padmaja (AMC Vizag) elected as President & Dr K Prasanthi (GMC S'bad) as Hon Secretary for next academic year along with other EC members. It was decided to have next year meeting at Kamineni Institute of Medical Sciences, Narketpally, Hyderabad (2014).

b. Orissa chapter:

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The 6th Annual Conference of IAMM (Odisha Chapter) was held on 12th August, 2012 at Apollo Hospitals, Bhubaneswar with Dr. Suneeta Sahu, as the Organising Secretary, Dr. J P Mittra as the President, Dr. Nirupama Chayani as the Secretary and Dr. Bibhudutta Rautaraya as the Treasurer.

The conference was inaugurated by the guest of honor Dr. (Lt Gen) Naresh Parmar, Advisor Apollo Hospitals Bhubaneswar, who also released the souvenir of the conference. Prof M K Lalitha was bestowed upon the Prof. Bikram Das Memorial Oration award and her talk entitled "Quality Assurance of Antimicrobial Susceptibility Testing, A Journey Over Decades..." . Prof Uma Sekar, talked about "Quality assurance in specimen collection and transport". A symposium on "Road to NABL Accreditation, Back to Basics" was arranged and Dr Ranganathan Iver. Dr Sharmila Sengupta. Dr Rajat Mukherjee spoke on various aspects of achieving NABL accreditation in Microbiology laboratory. A total of 17 free papers & 9 posters were presented by the faculty and postgraduate students from different parts of Odisha. Dr. Somi Patra PG from SCB Medical College, Cuttack, was the recipient of the 'Best paper presentation" award & Dr Rani Sahu PG from MKCG Medical college, Berhampur, was recipient of Best Poster presentation Award. Dr Kumudini Panigrahi, Assistant Prof, KIMS, Bhubaneswar, received the best paper award in the faculty category. The conference concluded with general body meeting and election of next office bearers: President – Prof. Sunil Mohanty, Secretary- Dr Preetilata Panda and Treasurer-Dr. Bibhudutta Rautaraya.

c. Karnatka Chapter Meet:

Karnataka Chapter meet at Mangkore; XVII Annual Conference of Indian Association of Medical Microbiologists was held on 24th February 2013 at Kasturba Medical College Mangalore. The theme of the conference was 'Health Care Associated Infections. Clean, Care, Control'. The conference was inaugurated by Dr Venkataraya Prabhu, Dean, KMC, Mangalore and guest of honour was Dr Dilip Naik Dean, MCODS, Mangalore. The welcome address was given by Dr Shrikara Mallya President of IAMM-KC, Professor of Microbiology, KMC Mangalore. There were two guest lectures, panel discussion, 18 oral paper presentation and 49 poster presentation. The vote of thanks was delivered by Dr Shrikala Baliga, Professor & Head of Microbiology, KMC, Mangalore.

The presidentship of IAMM-KC for the year 2013-2014 was handed over to Dr Chiranjay Mukhyopadyay Professor &Head,KMC,Manipal during general body meeting held on same day.

d. Gujarat Chapter Meet:

A state level conference, Microcon-8 (IAMM-GC), with the theme of "Emerging and Re-emerging Infections - Global Scenario & Local Trends" was organized on 6th January, 2013 at the auditorium of Science Center in the holy land of "Surya Putri - Tapi" and the birth place of "Veer Kavi - Narmad" in the city very well known as Surat (Gujarat). Around 255 delegates were present for the conference. The Conference was organized by the Department of Microbiology, Surat Municipal Institute of Medical Education & Research (SMIMER), Surat. The organizing committee of conference was composed of Patron, Mr Manoj K Das (IAS), Commissioner, SMC; President, Dr Kalpana Desai, Dean, SMIMER; Chairman, Dr Vandana Desai, I/c Medical Superintendent, SMIMER & Organizing Chairperson, Dr Mannu Jain, Professor & Head, Microbiology, SMIMER, Surat. Dr Ranganathan N Iyer, Chief Consultant, Microbiology & Infectious Diseases, Global Hospital, Hyderabad, presented on "Emerging Antibiotic Resistance in Gram Positive Pathogens". Dr Gopal Nath Professor & Head, Microbiology, Institute of Medical Sciences (IMS), BHU, Varanasi presented on "Bacteriophage Therapy: An alternative to antibiotics for emerging superbugs". Dr. Jayanthi S Shastri, Professor & Head, Microbiology, Topiwala National Medical College & BYL Nair haritable Hospital, Mumbai presented on "Emerging Viral Infections: Experiences from Mumbai in Last Three Years". Dr Rajesh P Karyakarte, Professor & Head, Microbiology, Government Medical College, Akola presented on"Neglected Tropical Diseases".

e. Meghalaya Chapter meet:

First meeting of Meghalaya IAMM chapter newly formed at NEIGRIHMS Shillong. Following are the office bearers; Chairperson; Dr Anil Ch Phukan, Secretary; Dr AB Khyriem. Congratulations to the all the members and EC members of the Meghalaya State IAMM.

f. Puduchery (Pondichery) : New Office bearers meet was held and new EC took the charge on 25th May 2013. President Dr SC Parija Secretary Dr S Jayaram along with other Members.

EQAS 2012 (UNDER THE AUSPICES OF IAMM)

ANALYSIS OF QC DISTRIBUTIONS 75, 76, 77 & 78 2012 PERFORMANCE OF LABORATORIES ON FIXED SMEARS

QC No.	Description	Contents	Laboratories (%) Giving correct results
75.	Infected graft tissue smear (Gram stain) Candida spp & GPC	Many pus cells, gram positive budding yeast like organisms with pseudohyphae morphologically resembling Candida spp and GPC in clusters	36 %*
76.	Pus aspirate from the infected tissue of breast cancer (Gram stain) GNB & GPC in pairs, clusters	Many pus cells, RBC's,mononuclear cells many GPC-single,pairs, clusters & many GNB	87%* *
77.	Purulent discharge from the vagina (Gram stain) Neisseria gonorrhoeae	Numerous pus cells, fibrin exudate, Numerous Gram Negative diplococci intracellular &extracellular, morphologically suggestive of <i>Neisseria</i> gonorrhoeae	66 % * * *
78.	Blood (Leishman Staining) <i>Plasmodium vivax</i> (ring & gametocyte stage	Plasmodium vivaxStage (ring & gametocyte) Positive/Negative	74 % ****

^{61 %} has not mentioned the presence of pseudohyphae morphologically resembling Candida spp

NEWS LETTER

ANALYSIS OF QC DISTRIBUTIONS 75,76, 77 & 78 2012 PERFORMANCE OF LABORATORIES ON CULTURE IDENTIFICATION

QC No.	Description	Laboratories (%) Giving correct results
75.	Enterococcus faecalis	87 %*
76.	Serratia marcescens	81 %**
77.	Burkholderia cepacia	79 % ***
78.	Bacillus cereus	81 % ****

^{* 6%} have reported to genus level only.

2013

ANALYSIS OF QC DISTRIBUTIONS 75-76, 77 & 78 2012 PERFORMANCE OF LABORATORIES ON SEROLOGY TEST

QC No.	Description	Contents	Laboratories (%) Giving correct results
75.	HBsAg	Positive/Negative	97%
76.	ASO	Negative	91%
77.	HIV	Negative	99 %
78.	RA	Positive/Negative	94%

^{** 12 %} have not mentioned the presence of Gram Negative Bacilli in the smear.

^{* ** 29 %} have not mentioned that the Neisseria gonorrhoeae seen in the smear was present intracellular also.

^{**** 26 %} have given wrong report.

^{* *11 %} have reported to genus level only.

^{* * * 7 %} have reported to genus level only.

^{****11%} have not given important key reactions.

NEWS LETTER 2013

FORTHCOMING EVENTS

FIRST POSTGRADUATE SERIES - MEDICAL MICROBIOLOGY

Antimicrobial susceptibility Testing-Lab to Clinics- An Update. Sunday 7th July 2013 at Hyderabad. Venue – The Green Park Hotel Hyderabad. The topics to be covered in some depth are

Latest in antimicrobial susceptibility testing

Are the CLSI guidelines the last word in susceptibility testing

Automation & Instrumentation in susceptibility testing- Boon or bane Minimum Inhibitory Concentration-what, when how and in what situations

Predictive rules in reporting susceptibility results-how to apply

Direct susceptibility testing- are our results safe for dispatch

Antibiotic combinations- are they clinically useful?

Anti-fungal susceptibility Testing - importance in clinical therapeutics

Anti-viral susceptibility testing-applications and interpretation

Antibiotic resistance in Mycobacteria- the fine line between molecular testing and conventional testing

The session will end with interesting clinical cases and audience participation!!! Molecular mechanisms of resistance will be covered in all sessions

Who find this interesting:

Postgraduates in Medical Microbiology MD/DNB/MSc Med Micro students Senior residents in Medical Microbiology

Junior faculty in Medical Microbiology

Practising Pathologists in the country involved with clinical microbiology work Infectious diseases fellows and senior residents in ID

 3^{RD} **FRCPath** Part- I Course (Medical Microbiology) 8th - 10th July 2013 Department of Microbiology Global Hyderabad. This course is Hospital, specifically held for those who wish to sit the FRCPath (Medical Microbiology and Virology) PART- I examinations conducted by the Royal College of Pathologists UK. The course will cover a wide range of topics in Medical Microbiology, Infectious Diseases, Infection control and prevention, Mycology, Parasitology, Virology and Tropical Medicine that form a major component of this examination adhering to a MCQ & EMQ format as designed for the Part- I examinations with mock exam papers at the end of the course. It is preferable for a candidate to have at least 2 years work experience after their postgraduation to sit this examination.

Contact: Dr. Ranganathan Iyer

Consultant Clinical Microbiologist, Global Hospital, Hyderabad. Mob: 09849690680 E mail: ranganathaniyer@yahoo.com

CONGRATULATIONS

Meghalaya IAMM chapter is newly formed at NEIGRIHMS Shillong. Following are the office bearers; Chairperson; Dr Anil Ch Phukan, Secretary; Dr AB Khyriem. Congratulations to the all the members and EC members of the Meghalaya State IAMM.

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	To,	
If undelivered, please return to, Dr. Mahantesh B Nagamoti. Secretary IAMM Prof & Head Microbiology. JN Medical College. KLE University.Belgaum-590010. (KARNATAKA)		