

KERALA UNIVERSITY OF HEALTH SCIENCES

Annual Report for 2010-11

ABOUT THE UNIVERSITY

1. Introduction

The Kerala University of Health Sciences was established through an Ordinance (the Kerala University of Health and Allied Sciences Ordinance, 2009 – 25 of 2009) on 7th December 2009. The Kerala State Legislature passed the Kerala University of Health Sciences Act (Act 4 of 2011) which received the assent of the Governor on 22nd January 2011 and was notified on the 24th of January 2011.

Empowered to affiliate all health care professional colleges throughout the State of Kerala, the University currently has 205 colleges, belonging to all the disciplines and branches of the health sciences affiliated to it. The details are given elsewhere.

2. Objectives

The objects of the University, as envisaged in the Act, are to ensure proper and systematic teaching, training and research in all systems of medicine (Modern Medicine, Homeopathy and Indian Systems of Medicine including Ayurveda, Siddha, Yoga, Naturopathy and Unani), Dentistry, Nursing and other areas of health care and health sciences in the State by providing the necessary implementation and oversight mechanisms. In addition, the University is expected to play a leadership and facilitatory role in health policy and planning, disease surveillance and monitoring, and the promotion of preventive, promotive and rehabilitatory aspects of health. The University is also mandated to address local and regional health issues, provide a platform for the dialogue as well as integrative research between different systems of health care and encourage the development of indigenous medicine and homeopathy through research. The University will be the nodal agency for linkages with other national and international agencies.

3. Vision & Mission

Vision:

To create competent and compassionate professionals who are heirs to the rich traditions of the world of science and ancient wisdom; To enrich the

art and science of health care through research, incorporation of traditional knowledge, and integration of best practices and to engage with the society to address local and regional issues of health and wellbeing

Mission

I Ensure High Quality Education in All Branches of Health Care

by --

- (i) constantly upgrading standards of training & evaluation, through teachers' training and through the University's Quality Assurance Council*
- (ii) adhering to academic calendars, including timely conduct of examinations, and through examination reforms; and*
- (iii) regularly updating syllabi & curricula to incorporate new knowledge and best practices.*

II. Encourage Research by

- (i) establishing University Schools of Research;*
- (ii) identifying and promoting departments/institutions as centers of potential excellence; and,*
- (iii) inculcating & nurturing research mindset and aptitude for research among students*

III. Promote Stake Holder Participation & Community Engagement

- (i) by establishing and maintaining an efficient and transparent administrative mechanism which is responsible and responsive to the needs of all the stakeholders (students, parents, teaching and non-teaching staff, affiliated colleges and the general public);*
- (ii) by facilitating greater community/stakeholder participation in the affairs of the University and*
- (iii) through health awareness and health promotion programmes*

4. Milestones

1. KUHAS Ordinance first promulgated:	07 th December 2009
2. KUHS Bill Enacted:	29 th December 2010
3. Act Received Governor's Assent:	22 nd January 2011
4. Act Notified:	24 th January 2011
5. Governing Council first Constituted	23 rd April 2010
6. Finance Committee	29 th May 2010
7. Faculties	25 th November 2010

8. Boards of Studies	25 th November 2010
9. Land Handed Over:	05 th June 2010
10. Laying of the Foundation Stone of the Main Block	26 th February 2011

5. ACADEMIC ACTIVITIES

- (i) Organized symposia on issues of relevance to the State, and for advocacy
 - Health Policy and Planning - 5 August 2010, Medical College, Thiruvananthapuram (*Details elsewhere*)
 - Emerging & Reemerging Infectious Diseases of Kerala - 5 February 2011, MOSC Medical College, Kolenchery (*Details elsewhere*)
- (ii) Organized four workshops for Quality Improvement of University Examinations at the following Centres
 - Govt. Medical College, Thiruvananthapuram
 - Govt. Medical College, Kottayam
 - Jubilee Mission Medical College, Thrissur
 - Cooperative Medical College, Pariyaram.

The workshop was sponsored by the Kerala State Higher Education Council. Details are given elsewhere.

(iii) Organized a special workshop for reviewing the syllabus, teaching and the conduct of examinations of the first year BAMS course at the Govt. Ayurveda College, Thrippoonithura on 6 October 2010. Chaired by Dr. C. Retnakaran, PVC, the work shop was addressed by the Director of Ayurvedic Medical Education. 64 senior members of the faculty from all the 16 Ayurveda colleges participated.

(iv) Organized a workshop on research methodology for the postgraduate students of KUHS – Jubilee Medical College, Thrissur on 23rd Jan 2011. (*Details elsewhere*)

This is the first time that a University in Kerala is organizing events mentioned at Items (ii), (iii) and (iv) and the University intends to make them regular events.

(v) Brainstorming on the MCI's proposed UG and PG curriculum. Based on the one-day workshop, the University formulated its response and forwarded it to the MCI. (*Details elsewhere*).

(vi) The Vice Chancellor visited 62 Colleges and interacted with the students of KUHS to brief them about the vision and mission of the

university and to address their hopes, aspirations and apprehensions about the University, their chosen profession, and their future in general, covering nearly 1/3rd of the KUHS student population. This is as part of the University's programme of engaging with the students.

6. MEETINGS OF STATUTORY AND ACADEMIC BODIES

(I) Governing Council

As per section 21 of Kerala University of Health Sciences Act, the Governing Council was constituted with the following members.

Ex-Officio Members

(i) K. Mohandas

(Chairperson) Vice-Chancellor

Phone :9846024501 Email :vc@kuhas.ac.in

(ii) Dr. C. Retnakaran Pro-Vice-Chancellor,

Phone :9847134787 Email :pvc@kuhas.ac.in

(iii) Secretary to the Government of Kerala

Health and Family Welfare Department,

(Medical Education),

Secretariat, Thiruvananthapuram - 695001.

(iv) Dr. V Geetha,

Director of Medical Education,

Medical College P.O.,

Thiruvananthapuram – 695011.

Phone :9447042126 Email :dmekerala@gmail.com

(v) Dr. M.R.Vasudvan Namboothiri

Director of Ayurvedic Medical Education,

Directorate of Ayurveda Medical Education,

Thiruvanthapuram - 695001. Phone :9847694965

(vi) Dr. N.S. Valsala Kumari,

Principal and Controlling Officer,

Government Homoeopathic Medical College,

Iranimuttam,Thiruvanthapuram 695009.

Phone :9447068986 Email: ghmct@dataone.in

Nominated Members

(vii) Prof. Vijayalakshmi Ravindranath,

Professor and Chairman,

Centre for Neurosciences,

Indian Institute of Science,

Bangalore – 560012.

Phone :+91 8022933433 Email :viji@cns.iisc.ernet.in

(viii) Prof. S. P. Thyagarajan,

Director and Chief Advisor (Research),

Sri Ramachandra University,

Porur,Chennai – 600106.

Phone : 09840046575 Email : profspt@gmail.com

(ix) Prof P R Sudhakaran

Dean, School of Biological Sciences

Central university of Kerala

Riverside Transit Campus, Padanakkad,

Nileswaram, Kasaragod. Ph : 09847332514 Email : prslab@gmail.com

(x) Dr. Praveenlal Kuttichira,

Principal, Govt. Medical College, Thrissur- 680596.

Phone : 9895647935 Email : principalmctcr@gmail.com

(xi) Dr. Elsie Philip,

TC 26/2173,

Statue Road,

Thiruvananthapuram 695001.

Phone :0471 - 2463269 Email :elsie_philip@yahoo.co.in

(xii) Dr. Fazal Gafoor,

Professor & Head, Dept. of Neurology,

MES Academy of Medical Sciences,

Palachode P.O.,

Perinthalmanna – 679338.

Phone : 9847233800 Email :drfazlmes@yahoo.in

(xiii) Dr. P.V. Ramachandran,

Professor of Radiology,

Amritha Institute of Medical Sciences,

Kochi -682041.

Phone : 9895542746

Email : pvrachandran@yahoo.com

(xiv) Dr. G. Vinodkumar,

Professor & Head,Dept. of Panchakarma,

Govt. Ayurveda College,

Thiruvananthapuram – 695001.

Phone : 9446417288 Email :drgvimalkumar@yahoo.com

Elected Members:

3 members to be elected from among the members of the Academic Council (*Vacant*)

Members till 24/01/2011.

(i) Dr. V. Rajasekharan Nair,

Dean Faculty of Medicine,

Thekke Kappil (H), Chalakkuzhy Road,

Medical College P.O., Thiruvananthapuram – 695 011

(ii) Dr. R .Sreekumar,

Dean Faculty of Ayurveda,

Professor& Head,Dept. of Roganidana,

Govt. Ayurveda College,

Thiruvananthapuram - 695 001.

(iii) Dr. V.K. Bhagyalatha,

Dean, Faculty Homoeopathy,

Professor of Organon,

Govt. Homoeopathic Medical College,

Thiruvananthapuram -695 009

For governing the affairs of the University, meetings of the Governing Council were held as detailed below:

First Meeting *29 – 05 - 2010*

Second Meeting *30 – 10 - 2010*

Third Meeting *19 – 02 - 2011*

Third Meeting reconvened on 18.3.2011, due to amendmennt to sub section (iv) of section 22 of the Act (4 of 2011).

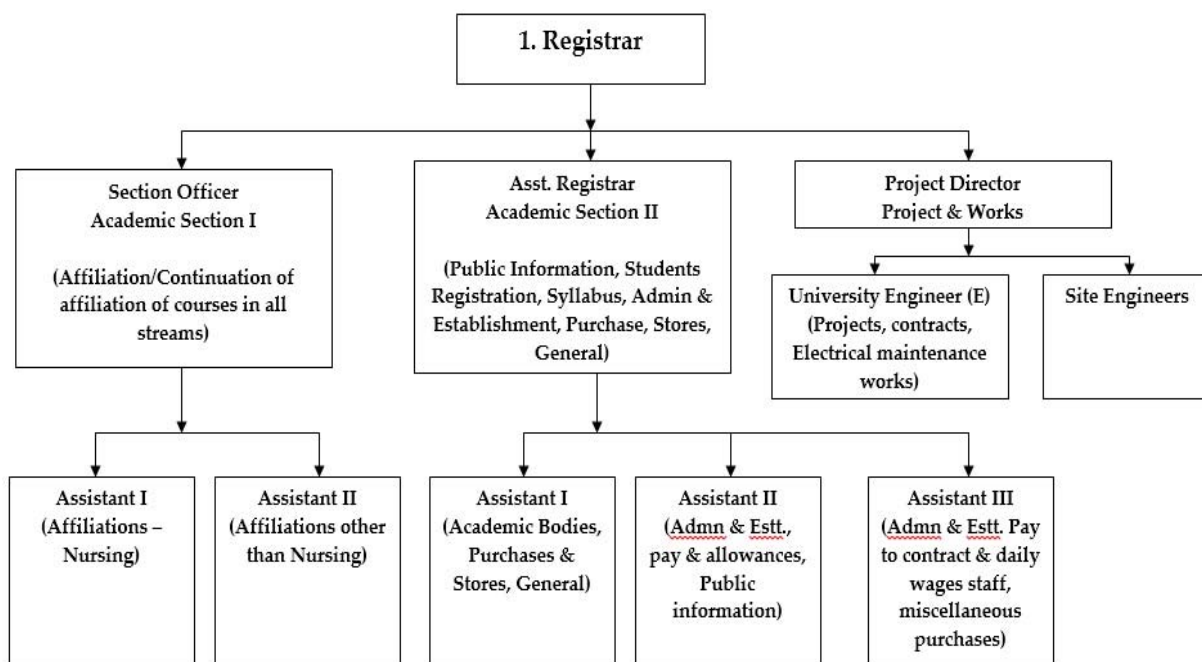
(II) Finance Committee

The Finance committee was constituted in the first Meeting of Governing Council held on 29.05.2010 with the following members:

2	Nursing (UG)	10/02/11
3	Dentistry (PG)	16/02/11
4	Dentistry (UG)	23/02/11
5	Ayurveda (Medical)PG	22/02/11
6	Ayurveda (surgical)PG	22/02/11
7	Ayurveda Pre-Clinical (PG)	23/02/11
8	Homeopathy PG	01/03/11
9	Homeopathy UG	08/03/11
10	Pharmacy UG	04/03/11
11	Pharmacy PG	04/03/11
12	Medical Lab Technology	09/03/11
13	Ayurveda U.G. Clinical	10/03/11
14	Ayurveda U.G. Pre Clinical	10/03/11
15	Clinical Allied Sciences	11/03/11
16	Siddha	17/03/11
17	Modern Medicine PG	23/03/11
18	Modern Medicine PG (Super Specialities)	23/03/11

7. ACADEMIC AND ADMINISTRATION

(i) The Academic and Administration sections are headed by Registrar. During 2010-11, Shri. T. Abdurahiman was the Registrar for a short period of 3 months and thereafter Shri. V. Ipe Varghese was the Registrar of the University. The organisational set up of Academic and Administration section was as under:-



(ii) OFFICERS OF THE UNIVERSITY

VICE CHANCELLOR

Dr. K. Mohandas. Ph: 9846024501

E-mail: vc@kuhas.ac.in

PRO VICE CHANCELLOR

Dr. C. Retnakaran. Ph:9847134787

E-mail: pvc@kuhas.ac.in

REGISTRAR

Dr. Ipe Varghese. Ph: 9847210788

E mail: registrar@kuhas.ac.in

FINANCE OFFICER

Shri G. Gopakumar: Ph: 9847133155

E-mail: fo@kuhas.ac.in

(iii) STAFF STRENGTH

The Government, through G.O dated 8.12.2009, 3.2.2010 and 2.12.2010 had sanctioned 50 posts including statutory officers, out of which 28 posts were filled up as at the end of March 2011 as detailed below:

Name of the Post	Sancioned No.of posts	Filled up No.of posts
Vice Chancellor	1	1
Pro Vice Chancellor	1	1
Registrar	1	1
Controller of Examinations	1	1
Finance Officer	1	1
Dean	3	-
Administrative Officer	1	1
Dy. Registrar	1	-
Asst. Registrar	2	1
Systems Manager	1	1
Accountant	1	-
University Engineer	1	-
Programmer (IT)	1	-
Assistant	15	11

Data Entry Operator	5	2
Junior Programmer	1	-
Office Attendent	5	2
Driver	3	1
Total	50	28

Shortage of manpower is the main problem facing the University, which is likely to aggravate during 2011-12 as we are Organizing the first examinations of the University beginning from August/September 2011. As the University Act/Statute specifies that appointment of non teaching staff of the University will have to be done by Public Service Commission, we are unable to appoint non teaching staff directly. In the absence of an enabling clause in the Kerala Public Service Commission Additional Functions Act and specific Government directives to PSC in this respect, the University may not get sufficient staff in the near future.

(iv) AFFILIATION PROCESS AND ITS PRESENT STATUS

The number of courses conducted by the affiliated colleges under the University are as under:

UG Courses	15
Post Graduate (Medical)	18 (MD) & 5 (MS)
Diploma	14
Super Specialty	10
Post Graduate (Ayurveda)	13 (MD) & 3 (MS)
Post Graduate (Homoeopathy)	3
Post Graduate (Dental)	8
Post Graduate (Pharmacy)	6
Post Graduate (Paramedical and other courses)	8
Post Graduate (Nursing)	5
Total	108

Total number of affiliated colleges as on 31.3.2011 was as under :

Courses	Govt.	Govt. Aided	Co-Op	Unaided
Medical	5	NIL	2	15
Dental	3	NIL	NIL	19
Ayurveda	3	2	NIL	11
Homoeopathy	2	3	NIL	NIL
Siddha	NIL	NIL	NIL	1
Pharmacy	1	Nil	1	24
Paramedical and Allied Sciences	2	NIL		20
Nursing	5		6	80 (5 under Govt.undertaking)
Total	21	5	8	170
Grand Total				204

Details of sanctioned seats in various branches for 2010-2011 was as under:

Stream	No. of colleges	No. of Students		
		UG	PG	Super speciality
Medical	22	2750	599	85
Dental	22	1130	51	-
Homeo	5	250	36	-
Ayurveda	16	910	120	-
Siddha	1	50	-	-
Nursing	91	5135	899	-
Pharmacy	26	1466	254	-
Paramedical	22	782	174	-
Total	205	12479	2133	85
Grand Total				14697

(v) RTI-COMPLIANCE

Shri. T.K.Narayanan and Shrimati Kumari Geetha V were the Appellate Authority and Public Information Officer under the RTI Act during 2010-11. During the period 26 Applications and 2 appeals were received under the RTI Act. Which were dealt with promptly and satisfactorily. There are no pending applications or appeals.

(vi) ALLOTMENT OF LAND AND FURTHER LAND ACQUISITION

Government has accorded permissive sanction through G.O (MS) NO.191/2010/RD dt. 27/05/2010 of Revenue Department for handing over 63.60 acres of land from the campus of Medical college, Thrissur to the University, for developing its campus, subject to the condition that ownership of the land will remain with the Government in Health and Family Welfare Department. Accordingly the University has taken over the land On 5.6.2010 and started initial works pertaining to the development of infrastructure for the campus.

In addition, Government through G.O.(Rt) 1624/10 dated 17/04/2010 of Health and Welfare Department had given sanction for additional acquisition of land admeasuring 17.95 acres, in addition to the land already taken over, for meeting further campus infrastructure requirements.

(vii) INFRASTRUCTURE DEVELOPEMENT PROJECT

The main campus of the University is coming up in the 63.60 acres of land in Thrissur Medical College premises at Mulamkunnathukavu, Thrissur, handed over by the Govt. of Kerala, as aforesaid. The aim of the project is to develop a modern 'green campus' with low Carbon foot print by employing 'green building technology'.

The main aim of employing the green building techniques is to optimize the use of water, energy and the land. Measures to preserve and develop the existing ecological parameters and values of the site will be taken at the project planning stage itself. The rain water harvesting and recycling operations of water will be implemented to enable the University to be self sufficient in water. It is expected that In the long run the Campus will be water positive due to these measures. On the energy side, dependence on conventional energy will be reduced to the extent possible by utilizing non conventional energy sources like solar energy, and by employing intelligent building techniques to reduce waste

of conventional energy. Solar passive designs will be adopted for all the buildings. Efficient waste management, reduction of waste generation, use of local and low energy embodied materials, use of CFC – HCFC free equipment are the other major measures envisaged to be implemented under this Project.

The full fledged Campus will be developed in different phases. The first phase of the Project has already been taken up and is in the planning and design stage. This phase is scheduled to be completed in 2012-13. In this phase the University intends to take up the construction of the very essential facilities and start functioning from the new campus by 2012-13. The total expenditure of the first phase will be around Rs. 50 crores. The entire project will be completed in three phases by 2015-16 and the total project cost is estimated to be Rs.140 crores.

Construction of (1) main block to house administration, finance, examination, conference and meeting halls, knowledge centre, IT & communication, engineering section etc. (2) Gate House,(3) Guest House,(4) staff quarters, (5) canteen and (6) buildings to accommodate bank, post office, co-op stores etc. will be taken up in the first phase. The total built up area will be about 14000 sq.m. Foundation stone for the main block was laid on 26th February 2011.

The other facilities like roads, drains, water supply lines, electrical and communication lines, water treatment plant, sewage treatment and landscaping are also envisaged under the first phase.

(viii) OFFICE AUTOMATION and IT INFRASTRUCTURE

The University aims to become a paperless office in the near future. As part of this vision, it is planned to develop and install the needed software. This includes software for academic programmes, affiliation process, examination, finance, establishment, works, purchase, store management, library, intranets, video conferencing etc. It is envisaged that for development of infrastructure, the installation of hardware and software should go hand in hand.

The University has already set up a LAN facility with 30 desktops, 10 laptops, 9 printers, 1 photocopier and 3 multifunction devices. A linux server has been installed at the centre which serves the purpose of the LAN. As stated above, It is planned to develop the hardware infrastructure in accordance with the software; hence it would be a gradual and systematic approach.

The communication facility has been improved by installing the latest PRI facility (Primary Rate Interface is a standardized telecommunications service level within the Integrated Services Digital Network [ISDN] specification for carrying multiple voice and data transmissions between a network and a user). This facilitates clean voice communication and the package offered by BSNL are very competitive.

A Fiber channel with 1GB broadband connectivity, provided by BSNL, has also been installed, as part of the NME-ICT project. This will help the University to serve the students by way of faster communication, better service and including variety and quantity in content served to them. A university web portal will be developed for the purpose.

8. Finance and Accounts Branch

(i) Grants from the Government

During the Year the University has received a total amount of Rs 21.50 crore from Government of Kerala as Grant under plan head, out of which Rs. 20 crore was meant for creation of capital assets and Rs. 1.50 crore for salaries and contingent expenditure.

(ii) Finance and Accounts

The University had introduced system of accounts in accordance with double entry accounting principles and on accrual basis keeping in mind the emerging changes in accounting of Government and Autonomous bodies including Universities. The system adopted is in deviation from the conventional cash basis single entry accounting concept usually adopted by Government organisations. The Financial statement of the University consists of the following: –

- (i) Income & Expenditure account
- (ii) Balance sheet
- (iii) Receipts & Payments account

Grant-in-aid and other revenues of the University is credited to University General fund and expenses related to the functioning of University is met from this fund. Besides the fees and other receipts from the students are kept in a separate fund viz. Students Fund.

The funds which are not required immediately are being kept in fixed deposit accounts to fetch higher interest.

(iii) Receipts and Expenditure

During the year the University has received a total amount of Rs. 784.20lakh towards services like Affiliation, Annual Administration, Application, Registration and Inspection, Continuation of Affiliation, Student registration etc., rendered by it to the constituent colleges. The main expenditure during the year was on account of salaries and allowances which amounted to Rs. 84.08 lakh; whereas the Administration and general expenses amounted to Rs. 40.96 lakh. As provided in Section 67(1) of the Act, The Accounts of the University shall be audited by firm of Chartered Accountants appointed by the Governing Council. Accordingly, the Accounts for the year 2009-2010 was got audited by M/s Varma & Varma, Chartered Accountants and their Audit Report was placed in the Governing Council Meeting dt.30-10-2010.

9. The Year Ahead...

The targets for the year 2011-12

1. Organize the first examinations of the University beginning from August/September. A number of measures are being planned to facilitate the conduct of the examinations, and publish the results in time. In order to conduct the examinations efficiently, and in a fair and transparent manner, efforts are on, to incorporate the best practices from other Universities, including the optimal use of Information and Communication Technology (ICT). It is hoped that this would also help to overcome the logistic problems peculiar to the State that may otherwise adversely affect the examination schedules.
2. Complete the constitution of all the statutory authorities and committees, and hold their meetings regularly as per the provisions of the Act and the Statutes. The University is awaiting approval the first Statutes by the Government in a short while.
3. Further streamline the process of affiliation and the registration of students and teachers.
4. Encourage the Colleges to introduce new courses relevant to the State and the Nation. Urge them to start doctoral (PhD) and other research oriented programmes. As part of its vision to give a major thrust to research, the University would like to have PhD programmes in all branches of the health sciences in the next 5 years. A beginning should be made in the coming year.

5. Establish schools of research as approved by the Governing Council.
(School of Health Policy and Planning, School of Fundamental Studies in Ayurveda, School of Interdisciplinary Studies, Interdisciplinary Centre for the Study of Ageing and Academic Staff College)
6. Complete and implement co-curricular and extracurricular programmes for the students. All efforts will be made to organize the first intercollegiate sports and cultural competitions with a view to forming KUHS teams for inter-university competitions.
7. Achieve substantial progress in the construction of the administrative block and the measures needed for efficient and optimal management of water and energy resources.
8. Establish ICT network to facilitate on-line accessibility of Universities services and functions.

10. Detailed Report of the Activities

(i) Symposium on Health Policy & Planning held on 5th August 2010 at *Medical College, Thiruvananthapuram*

The symposium was held to discuss the needs for establishing a School of Health Policy and Planning under the University to help the Government of Kerala in formulating, implementing, monitoring and evaluating policies and plans in relation to health care. The School would facilitate the planning and implementation of policies in the State, based on evidence and feasibility.

Inaugurated by the Hon. Minister for Health and the pro-chancellor of the University, Smt. P. K. Sreemathy Teacher, and presided over by the Vice Chairperson of the State Planning Board, the symposium was enriched by the active participation of eminent resource persons, health care specialists and educationists, and faculty and postgraduate students from several affiliated colleges. The discussions were led by Dr. Mridul Eapen, Member of the State Planning Board, Dr. B. Ekbal, former Vice Chancellor of the University of Kerala, Dr. K.R Thankappan, Professor & Head of the Achutha Menon Centre for Health Science Studies of Sree Chitra Tirunal Institute for Medical Science and Technology and the Principals of Medical, Ayurveda and Homeopathy and Nursing Colleges of Thiruvananthapuram.

Resource persons and their topics were:-

1. Dr Dileep Mavalankar, Professor, Indian Institute of Management, Ahmadabad - *Need for and models for a policy support institution in health:*
2. Dr V R Muraleedharan, Professor, Indian Institute of Technology, Madras - *Health policy making in India - a historical outline*
3. Dr D Narayana, Professor, Centre for Development Studies, Thiruvananthapuram - *Need for Evidence Based Health Policy*
4. Dr V Raman Kutty, Professor, Achutha Menon Centre for Health Science Studies, SCTIMST, Thiruvananthapuram - *Policy priorities in health in Kerala*

(ii) Symposium on Emerging and Re-Emerging Infectious Diseases of Kerala held on 5th February 2011 at MOSC Medical College, Kolenchery

The University, as the apex academic body, is keen to engage with the health care educational and service institutions in Kerala in an effort to address the issue and problems relevant to the State. This symposium was part of a series of such exercises aimed at bringing together all the various disciplines and branches of the art and science of healing with a view to harmonize practices for greater benefit of man kind.

Kerala is considered as a model state for the health status and health care delivery systems all over the world. However, the “Kerala model” is being challenged, even threatened by, among other things, a series of epidemic infections in the last two decades. Leptospirosis, Japanese Encephalitis and malaria are re-emerging even as emerging diseases like Dengue fever, Chikungunya, H1N1, H5N1 and other Influenza infections, SARS and Typhus Fever are threatening to become regular. The endemic water borne illnesses like enteric fever and viral hepatitis pose a threat even to the casual visitors. There are also the problems of HIV and Hepatitis B lurking as silent killers.

The symposium was organized to take stock of the situation and suggest remedial or corrective measures that can help to control these infectious diseases. The aim was to identify and consolidate the large body of knowledge and experience among the general practitioners and specialists that have remained underexposed and unutilized. The different systems of modern

medicine, Ayurveda and Homeopathy, along with community and specialist nurses, have been working at various levels aiming at the control of these epidemics. The symposium was an attempt to explore the possibility of all these health care professions working in tandem, instead of in parallel, to bring about more effective management of these epidemics, thus ensuring a healthier State.

The symposium was structured on the following lines:

1. Understand the emerging infectious diseases from a statistical point by analyzing the present scenario; then proceed to analyze the origin of these problems from a critical view point.
2. In the second session, the participants were divided into 4 streams viz. Modern Medicine, Ayurveda, Homeopathy and Nursing in parallel sessions for elaborating on the ways to combat the diseases, and generate ideas for sharing with the rest of the groups.
3. In the third session, the groups re-assembled to listen and share the output from the four groups.
4. In the final session, a concerted effort was made to harmonize the views from the 4 groups in order to bring out a common academic document with recommendations for future action. This will be submitted to the authorities and placed before the public.

The symposium was inaugurated by Smt. P.K. Sreemathy Teacher, Hon. Minister for Health and the Pro-Chancellor of the University and was addressed by Dr. V. Ravi (NIMHANS, Bangalore), Dr. Retnakaran (PVC, KUHS), Dr. R Sajith Kumar (GM.C, Kottayam), Dr.C. Radhakrishnan, Dr.Thomas Mathew (SDCMC, Thiruvananthapuram) and several stalwarts from the academic and service streams. An outline of the programme is given below :

Session 1: Chair: Dr R Sajith Kumar & Dr. C Retnakaran

The Kerala Scenario: What we have seen

(Dr Thomas Mathew, SDCMC, Thiruvananthapuram)

Environment and Infectious Diseases: A man made scenario:

(Dr. V Ravi (NIMHANS, Bangalore)

Session 2: Inauguration: Smt. P.K. Sreemathy Teacher;

Chair: Dr. K. Mohandas

Session 3: Parallel Sessions: Panel discussion on Epidemic Management

(Ayurveda, Homeopathy, Modern Medicine & Dentistry, Nursing)

Panel chairs:

Dr Sairu Philip & Dr Asma Rahim – *Modern Medicine*

Dr C Retanakaran (PVC) and Dr Sarasa TP-- *Ayurveda*

Dr R. Janardanan - *Homeopathy*

Prof. (Sr.) Gilbert - *Nursing*

Session 4: Plenary Session: Chair: Dr Janardanan & Dr. Sairu Philip

Rapporteurs from each of the Parallel Sessions presented summary/conclusions of the deliberations)

Session 5: Open Discussion - Experts and all delegates participated and shared their ideas, experience and suggestions

Session 6: Summing Up & Conclusion: Dr R. SajithKumar

(iii). Report of the Workshops on Quality Assessments in Examination
(Sponsored by Kerala Higher Education Council)

Four workshops were conducted under the guidance of the MCI Regional Centre for Medical Education Technologies, Govt. Medical College, Kottayam at the following Centres:-

1. Thiruvananthapuram on 13th Oct 2010
2. Kottayam on 10th November 2010
3. Thrissur on 26th Nov
4. Kannur on 15th Dec2010

Examiners from all colleges under all streams participated actively in the discussions. Faculty Resource persons were drawn from all colleges.

The following persons served as resource persons

1. Dr R Sajith Kumar (*Convener*) MCI RC MET, Govt. Medical College, Kottayam
2. Dr TR Radha, Govt. Medical College, Kottayam

3. Dr Reneega Gangadhar, Govt. Medical College, Thiruvananthapuram
4. Dr Joy Philip, Principal SUT Medical College, Thiruvananthapuram
5. Dr Jayaprakash, Govt. Medical College, Thiruvananthapuram
6. Dr Annapoorna, Govt. Medical College, Thiruvananthapuram
7. Dr.Dathan, Jubilee Mission Medical College, Thrissur
8. Dr. Unnikrishnan, Govt. Medical College, Thrissur
9. Dr. Gopakumaran Kartha Jubilee Mission Medical College, Thrissur
10. Dr Mubarak Sani, Academy of Medical Education, Pariyaram
11. Dr. Ajith, Academy of Medical Education, Pariyaram
12. Dr. Urmila, Academy of Medical Education, Pariyaram
13. Dr TK Chandrasekharan, Academy of Medical Education, Pariyaram
14. Dr. Sudhakaran, Academy of Medical Education, Pariyaram

There was excellent participation from all affiliated colleges.

The topics covered were

- a. The problems in Assessment
- b. The Principles of Good Quality Assessment
- c. Issues faced by the examiners
- d. The various types of examinations viz. Theory, Practical, Clinical, Viva voce etc.
- e. The various types of theory questions viz. Essay, Modified Essay, Short Answer Questions, MCQs etc.

The following suggestions were put forth:

1. Attention need to be paid to enhance the remuneration to examiners and to its timely dispersal. Duty leave and sufficient compensation for the time spent are to be given to examiners. Realistic allocation of funds for provision of accommodation and conveyance to external examiners are to be provided.
2. Moderation should be totally discouraged. The practice of quick re-examinations (like SAY scheme) is suggested.
3. The panel of examiners (internal & external) are to be fixed by the university with willingness and should not be left to the college administration to arrange.

Several constructive suggestions were made by the participants All of the participants insisted on the timely conduct of examinations, valuations, and publication of results based on a prefixed calendar.

(iv). Workshop on Research Methodology conducted on 23rd January 2011 at Jubilee Medical Mission Medical College, Thrissur

The work shop was intended to initiate the PG's on research methodology, documentation and analysis of results, and their publication in reputed indexed journals and/or presentation in national/state conferences. The workshop also gave training and guidance on writing of dissertation/thesis, which is a primary requirement for the award of the PG degrees.

Inaugurated by Shri. Therampil Ramakrishnan, MLA, Thrissur, the workshop was attended by 378 first year PG students from all the branches of health sciences. The programme outline was as follows:

Inaugural Function

Welcome Address - Msgr. Raphael Vadakkan, *Director, Jubilee Mission Medical College, Thrissur.*

Presidential Address - Dr. K. Mohandas, *Vice Chancellor, KUHS*

Inauguration & Inaugural Address - Shri. Therampil Ramakrishnan

Vote of Thanks - Dr. Rajasekharan Nair, *Dean, Faculty of Medicine, KUHS*

Topics & Speakers

1. Introduction and welcome - *Dr. Ipe Varghese, Registrar, KUHS*
2. How to generate researchable questions - *Dr. J.P. Muliyl, Former Professor of Community Medicine and Principal, Christian Medical College, Vellore*
3. Fundamentals of statistical analysis - *Dr. J.P. Muliyl*
4. Errors in measurement: Reliability, Validity - *Dr. J.P. Muliyl*
5. Study design - *Dr. Biju George, Dept. of Community Medicine, Medical College, Kozhikkode*
6. Thesis writing - *Dr. J.P. Muliyl*
7. Principles of Bioethics - *Dr. Prathap Tharyan, Professor of Psychiatry, Christian Medical College, Vellore.*
8. Research & Clinical practice - *Dr. V.P. Piley, Former Professor & Head, Dept. of Obstetrics & Gynaecology, Thrissur Medical College*
9. Feedback & Summing Up.

(v). MCI Proposals for Under Graduate Education

Response from the University

The University held a session to evolve its response to the MCI proposals on Undergraduate and Postgraduate Medical education. 36 senior members of the faculty, from the 22 Medical colleges affiliated to the University, actively participated in the full-day deliberations. The format adopted for the

brainstorming was a brief presentation of the MCI proposals followed by an initial general discussion. This was followed by the constitution of 5 groups to deliberate on the following five major aspects of the proposals

1. Duration of the course
2. Need for revision and guiding principles
3. Assessment process
4. Manpower shortage – Doctors/Faculty
5. Syllabus change, redundancy removal, Skill development, Electives and Teaching.

METHODOLOGY

Based on the elaborate discussions, the University has placed the following views and suggestions for active consideration of the Council:-

- Duration of the UG course should not be shortened
- All subjects which are now taught should be retained as such. Eg: Forensic medicine, ENT, Ophthalmology etc
- There is a need to consider adding a few more such as ethics, geriatrics .
- Certain topics suggested as Electives must be treated as *Must Know Topics* (Immunology, Genetics, Human Nutrition, Emergency Medicine etc.)
- More clarity needed regarding the time of introducing the Electives
- Sub-specialties like dermatology, psychiatry, chest diseases, radiology, and surgical sub-specialties are allied specialties of medicine or surgery. These should be included in internal assessment and the marks considered as part of the internal assessment of medicine or surgery. There is no need for separate university examinations
- A percentage of medicine and surgery papers should have questions from these specialties (%age to be decided by the universities)
- Outside postings from 2nd year onwards (After pre-clinical year) should be compulsory and half of this can be done in CHC/PHC and other half in DH/TH
- One year internship should be totally in clinical disciplines useful when working in rural areas
- ASSESSMENT PROCESS;

Presently there are 4 exams and MCI Proposal is 3 exams and **We are Suggesting 5 examinations to be held as follows:**

- *We Suggest that the 5 exams may be held as follows:-
@ the end of...*

Sem: 2	Anatomy, Physiology, Biochemistry
Sem: 4	Pathology, Microbiology
Sem: 5	ENT, Ophthalmology
Sem: 7	Community M, Forensic M, Pharmacology
Sem: 9	O & G, Paediatrics, Medicine, Surgery

Please note that we propose that Pharmacology be shifted to a later semester (7th— because, *by the time clinical medicine is taught most of pharmacology learnt is forgotten!*) and ENT and Ophthalmology be shifted from 7TH to the 5th semester.

- We do agree that there should be an EXIT Examination and it should be in a *Standardised National Pattern*.
- **Faculty Shortage:** This is indeed the reality.

Short term solution

- Use retired hands from the health services to train the Under Graduates and retired professors from medical colleges for training Post Graduates. They should however not be considered as permanent staff in any one college.
- MCI should also consider relaxing the current teacher: student ratio, and instead, approve a ratio for *recognised college clusters*. The colleges in a cluster may also have shared infrastructure and may also use ICT extensively to facilitate this arrangement
- MCI may agree to have such arrangements for a defined period of time, until the shortage is made up through longer term measures.

Other Measures to overcome the shortage

- Using ICT to overcome infrastructure (both human and physical) shortage
- Clustering of resources through connectivity using the National Knowledge Network currently being established. Hybrid classes through e.groups, web based teaching/learning, teleconferencing etc.
- 'Grand Rounds' through Telemedicine linkage
- Concept of Integrated teaching as suggested in the Document is relevant and practical. Percentage of time allotted towards integration and the pattern of integration also is acceptable.

Process of integration

A working plan...

- In the first year, the Pre-clinical departments may decide on the topics to be covered by compartmentalizing the subject into *Must know, Desirable to know and Not needed topics*.
- Working Group to be constituted for each year at the University level to decide/review vertical integration of the topics to be

covered, time to be allotted for each subject etc. in consultation with experts from various specialties (They may also be included as members of the W.G)

- The Working Group will prepare a teaching module, decide on the topics to be covered, time to be allotted for each subject etc.
- Evaluation to be strictly based on this compartmentalization.
- Evaluation to cover certain proportion of questions from '*desirable to know*' areas also
- Both Cognitive and Psychomotor (Skill) domains to be evaluated (Eg. OSPE)

- **Redundancy Removal**

- Working committees at the Regional/University level for Integrated module preparation, based on which a final module to be developed uniformly by the MCI *Core Expert Committee* at the National level.
- Areas to be removed from the preclinical subjects is decided from a questionnaire from teachers from various specialties...maximum number responses in '*no need*' and '*must be included*' categories to be analysed.

- **Skill development**

- Concept of Clerkship will serve towards Skill development. To be introduced in the 3rd semester.
- Skill development to focus on History taking followed by Clinical examination, diagnosis and basic management (to start in 1st semester with communication skills teaching by Community Medicine dept)
- Process of skill development not to be limited to teaching hospitals alone but should involve posting in rural hospitals and equipping the students to face challenges while working as a basic doctor.(Postings at the primary and secondary care hospitals)
- Contributions from specialists in the primary and secondary hospitals may also be utilized.

- **Shortage of clinical material**

- Hospitals with adequate teaching materials and patients may tap their own facilities
- Hospitals lacking this may utilize facilities in the Primary and secondary health care institutions in the locality.

- **Role of MEUS**

- Setting up of skill labs to be coordinated by Medical education units.
- Assessment of skills by OSPE.
- Skill labs to be utilized both for training as well as evaluation.
- Minimum of 2 Regional MEU Centres in each state to suit the training needs of medical colleges, zone wise (*region wise?*)

- **Teaching Methodology**
 - Minimise Lecture classes.
 - Include hybrid teaching methods like group discussions for practical sessions along with lectures.
 - Student feedback (teacher rating system to be introduced)
- **Skill development of Teachers** in education technology & techniques (*teaching them to teach*) with periodic evaluation

- ***A Paradigm Shift in the approach to health***

The intention of the Medical Council of India to comprehensively review the existing medical education system, both at the undergraduate and post graduate levels, is certainly timely. Since the purpose of the exercise is to increase the number of professionals without in any way sacrificing their quality, it is indeed laudable. The University's suggestions in this regard, we hope, will help the Council to finalise its plans for achieving the dual purpose of increasing the availability and enhancing the standards of medical education.

However, we feel that the Council may also consider taking steps to ensure that the preservation and promotion of health also receives equal emphasis in the scheme of things. Since health is influenced by several factors including socioeconomic, environmental and societal factors, in addition to diseases and their effective management, the educational system needs to be reoriented to a more holistic approach. On the one hand, medical graduates should be made aware of health as a multi-factorial and multidimensional state; their curriculum and syllabi need to be redesigned to reflect this. On the other hand, creating public health specialists, who are well versed with dealing matters of health from its multidimensional angle in larger numbers, must receive the urgent attention of the MCI.

The Council, we feel, should also lead from the front in reshaping the policies and plans of the Governments, so that the focus is on health, not ill health. This must become part of the long term plans of the MCI. Merely addressing matters to deal with ill health alone, we fear, will be counterproductive in the long run. It is hoped that the Medical Council of India will blaze a trail in bringing about a paradigm shift in the management of 'health' in coming years.

AFFILIATED COLLEGES

Medical Colleges

- 1** Dr.Somervell Memorial CSI Medical college, Karakonam,
Thiruvananthapuram-695504
- 2** Govt Medical College,Thiruvananthapuram-695011
- 3** Sree Gokulam Medical College & Research Foundation,
Venjaramoodu, Thiruvananthapuram-695607
- 4** SUT academy of Medical Sciences, Vattappara,
Thiruvananthapuram-695028
- 5** Azeezia Institute of Medical Sciences & Research,
Meeyyanloor P.O, Kollam-691537
- 6** Travancore Medical College, Medicity, NH By Pass,
Umayanalloor.P.O, Kollam-691589
- 7** Pushpagiri Medical College, Pushpagiri Institute of
Medical Sciences and Research Centre, Tiruvalla-689101
- 8** TD Medical College, Vandanam, Alapuzha-688005
- 9** Medical College, Gandhinagar, Kottayam-686008

- 10** Co-operative Medical College, Kochi, Kalamassery-683503
- 11** Malankara Orthodox Syrian Church (MOSC) Medical College, Kolencherry.P.O, Ernakulam-682311
- 12** Sree Narayana Institute of Medical Sciences, Chalakka, North Kuthiyathodu.P.O, Ernakulam-683594
- 13** Amala Institute of Medical Science (AIMS), Thrissur-680555
- 14** Govt Medical College, Mulangunnathukavu, Thrissur-680596
- 15** Jubilee Mission Medical College and Research Institute, Bishop Alappat Road, Jubilee Mission.P.O, Thrissur-680005
- 16** Karuna Medical college, Vilayodi,Chittur, Palakkad-678103
- 17** MES Medical College, Palachode.P.O, Kolathur Via., Perinthalmanna,Malappuram-679338
- 18** Govt Medical College, Medical College.P.O, Kozhikode, 673008
- 19** KMCT Medical College, Manassery.P.O, Mukkom, Kozhikode, 673602
- 20** Malabar Medical College of Hospital & Research Centre, Madakkallur, Atholi, Calicut- 673315
- 21** Academy of Medical Sciences, Pariyaram, Kannur, 670503
- 22** Kannur Medical College, Anjarakandy, Mamba.P.O, Kannur, 670612

Dental Colleges

- 1** Govt Dental College, Medical College.P.O,
Thiruvananthapuram- 695011
- 2** Noorul Islam College of dental Science,
Aralumoodu, Neyattinkara, Thiruvananthapuram-
695123
- 3** PMS College of Dental Science and Research,
Vattappara, Thiruvananthapuram-695028
- 4** Sri Sankara Dental College, Akathumuri,
Varkala, Cennicode.P.O, Thiruvananthapuram-
695318
- 5** Azeezia College of Dental Sciences & Research,
Meeyyannoor, Kollam-691537
- 6** Pushpagiri College of Dental Sciences, Medicity,
Perumthuruthy.P.O Thiruvalla - 689107
- 7** Govt Dental College, Gandhinagar, Kottayam-
686008
- 8** Al-Azhar Dental College, Perumpillichira P.O,
Thodupuzha, Idukki-685605
- 9** Annoor Dental College, Puthuppady P.O,
Muvattupuzha, Ernakulam-686673
- 10** Indira gandhi Institute of Dental Sciences,
Nellikuzhy P.O, Kothamangalam, Ernakulam-
686691
- 11** Mar Baselious Dental College, Kothamangalam,
Ernakulam-686691
- 12** St.Gregorious Dental College, Chelad.P.O,
Kothamangalam, Ernakulam-686681

- 13** PSM College of Dental Science and Research
Akkikkavu,Thrissur-680519
- 14** Royal DentalCollege, Mannaraparamba, Iron
Hills, Chalisseri, Palakkad-679536
- 15** Educare Institute of Dental Sciences,
Kiliyamannil Campus, Chattiparamba,
Malappuram-676504
- 16** Malabar Dental College & Research Centre,
Chekanoor Road,Mudur.P.O, Edappal,
Malappuram-679578
- 17** MES Dental College Perinthalmanna,Palachod
P.O, Malappuram679338
- 18** Govt Dental College, Medical College.P.O,
Kozhikode-673008
- 19** KMCT Dental College, Mampetta, Manassery.P.O,
Kozhikode-673602
- 20** Kannur Dental College, Anjarakandi, Mamba
P.O, Kannur-670611
- 21** Pariyaram Dental college, Pariyaram, Kannur-
670503
- 22** Century International Institute of Dental
Sciences & Research Centre,Poinachi,
Kasaragod-671541

Ayurveda Colleges

- 1** Govt Ayurveda College,MG Road PO, Thiruvananthapuram,
695001

- 2** Pankaja Kasthuri Ayurveda Medical College, Kattakada.P.O,
Thiruvananthapuram- 695572
- 3** Sree Narayana Instituted of Ayurvedic Studies & Research,
Karimpinpuzha.P.O, Pangode, Puthur, Kollam- 691513
- 4** Mannam Ayurveda Cooperative Medical College,
Pandalam,Pathanamthitta-689501
- 5** Govt Ayurveda College, Dhanwanthari Nagar,
Thripunithura, Ernakulam-682301
- 6** Nangelil Ayurveda Medical College, Kothamangalam,
Nellikuzhy P.O, Eranakulam-686691
- 7** PNNM Ayurveda Medical College, Cheruthuruthy.P.O,
Shoranur, Thrissur-679531
- 8** Vaidyaratnam Ayurveda College, Thaikkattusseri P.O, Ollur,
Thrissur-680322
- 9** Santhigiri Ayurveda Medical College, Olassery.P.O,
Kodumba via, Palakkad-678551
- 10** Vishnu Ayurveda College, Govt. Press P.O, Shornur,
Palakkad-679122
- 11** VPSV Ayurveda College, Edarkode.P.O, Kottakkal,
Malappuram-676501
- 12** KMCT Ayurveda Medical college, Manasserri P.O, Mukkom,
Kozhikode-673602
- 13** Govt Ayurveda College, Medical College P.O, Pariyaram,
Kannur-670503
- 14** Parassinikkadavu Ayurveda Medical college, Kannur-
670563.
- 15** PN Panicker Souhruda Ayurveda Medical College

Parakkalai.P O Anandhasramam via , Kasargode-671531

- 16** Ahalya Ayurveda Medical College, Elipara,Kozhipara PO,
Palakkad 678557

Homeopathic Medical Colleges

- 1** Govt Homoeopathic College Medical College, Iranimuttam,
Manacaud P.O, Thiruvananthapuram-695009
- 2** Sree Vidhyadhiraja Homoeopathic Medical College, Nemom,
Thiruvananthapuram-695020
- 3** Athurasramam NSS Homoeopathic Medical College,
Sachivothamapuram P.O, Kottayam-686532
- 4** Dr.Padiyar Memorial Homoeopathic Medical College,
Chottanikkara.P.O, Eranakulam-682312
- 5** Govt Homoeopathic Medical College,
Karaparamba.P.O,Kozhikode-673010

Sidha Medical College

Santhigiri Sidha Medical College, Santhigiri.P.O,
Pothencode, Thiruvananthapuram-695584

Pharmacy Colleges

- 1** College of Pharmaceutical Sciences, Medical College,
Thiruvananthapuram-695011
- 2** Dale View College of Pharmacy & Research Centre,
Punalal, Vellanad, Thiruvananthapuram-695575
- 3** Ezhuthachan College of Pharmaceutical Science,
Marayamuttam, Neyyattinkara, Thiruvananthapuram -
695131
- 4** Mar Dioscorus College of Pharmacy, Alathara,

Sreekaryam, Thiruvananthapuram -695017

- 5** Sree Krishna College of Pharmacy & Research Centre,
Parassala, Thiruvananthapuram-695502
- 6** Nazerth College of Pharmacy, Othara, Tiruvalla,
Pathanamthitta-689546
- 7** Pushpagiri College of Pharmacy, Perumthuruthy,
Tiruvalla, Pathanamthitta-689107
- 8** St. Joseph's College of Pharmacy, Muttom, Cherthala,
Alappuzha-688524
- 9** College of Pharmaceutical Sciences, Medical College,
Gndhinagar, Kottayam-686008
- 10** Chemists College of Pharmaceutical Science &
Research, Varikoli, Puthencruz, Ernakulam-682308
- 11** Nirmala College of Pharmacy, Muvattupuzha,
Ernakulam-686661
- 12** Nehru College of Pharmacy, Pampady, Thiruvilwamal,
Thrissur-680597
- 13** St. James College of Pharmaceutical Sciences,
Chalakudy, Thrissur-680307
- 14** Grace College of Pharmacy, Kodunthirapully, Palakkad-
678004
- 15** Al-Shifa College of Pharmacy, Perinthalmanna,
Malappuram-679325
- 16** Devaki Amma Memorial College of Pharmacy,
Chelembra, Malappuram-673634
- 17** Jamia Salafiya Pharmacy College, Pulikkal,
Malappuram-673637
- 18** College of Pharmaceutical Sciences, Kozhikode-673008

- 19** JDT Islam College of Pharmacy, Jamiath Hill,
Vellimadukunnu, Kozhikode-673012
- 20** Karuna College of Pharmacy, Iringuttoo, Palakkad-
678103
- 21** National College of Pharmacy, Manassery, Kozhikode-
673602
- 22** Academy of Medical Science, Pariyaram, Kannur-670503
- 23** College of Pharmacy, Kannur Medical College,
Anjarakandy, Kannur-670612
- 24** Crescent College of Pharmaceutical Science,
Madayipara, Payangadi, Kannur-670358
- 25** Malik Deenar College of Pharmacy, Seethangoli,
Bela.P.O, Kasargod-671321
- 26** Rajiv Gandhi Institute of Pharmacy, Meeliyat,
Kasaragod-671310

Paramedical & Allied Sciences

- 1** Institute for Communicative and Cognitive Neuro
Sciences, Kavalapara, Shornur-679523
- 2** AWH College of Physiotherapy, Kallai, Calicut-673003
- 3** Marthoma College of Special Education, Institute of
Speech and Hearing Perdala.P.O, Badiadka, Kasaragod
- 671551
- 4** Govt. Medical College, Red Cross Road,
Thiruvananthapuram-695011
- 5** Al Salama Eye Hospital, Perinthalmanna, Malappuram-
679322

- 6** Govt. Medical College, Medical College.P.O, Kozhikode-673008
- 7** Bethany Navajeevan College of Physiotherapy, Nalanchira, Thiruvananthapuram-695015
- 8** BCF College of Physiotherapy, Indo- American Hospital Campus, Chemmkinakary, Vaikom, Kottayam-686143
- 9** Medical Trust Institute of Medical Science, Medical Trust Hospital, Kochi-682016
- 10** Little Flower Institute of Medical Science& Research Centre, Angamaly, Ernakulam-683572
- 11** College of Paramedical Sciences, EMS Memorial Co-operative Hospital & Research Centre, Perinthalmanna-679322
- 12** College of Physiotherapy, Kozhikode run by JDT Islam Orphanage Committee, Jamiath Hill, Kozhikode-673012
- 13** Kannur Medical College, Anjarakandy, Mamba.P.O, Kannur, 670612
- 14** St Gregorios College of Social Science, Parumala.P.O, Pathanamthitta-689626
- 15** KVM Institute of Para Medical Science, Cherthala, Alappuzha-688524
- 16** Al-Ameen College, Edathala, North.P.O, Aluva, Ernakulam-683564
- 17** Presentation College of Applied Sciences, Manacherikunnu, Puthenvelikara.P.O, Ernakulam-683594
- 18** West Fort Institute of Paramedical Science, Pottore, M.G.Kavu, Thrissur- 680581

- 19 Moulana College of Paramedical Sciences,
Perinthalmanna, Malappuram-679321
- 20 MIMS College of Allied Health Science, Mini Bye Pass
Road, Govindapuram.P.O, Kozhikode-673007
- 21 Academy of Medical Sciences, Pariyaram, Kannur-
670503
- 22 Al Shifa College of Para Medical Sciences,
Perinthalmanna, Malappuram - 679321

Nursing Colleges

- 1 Ananthapuri College of Nursing, Chakka, N.H Bypass,
Thiruvananthapuram- 695024
- 2 Co-operative College of Nursing, Kakkode, Aruvikkara,
Karakulam.P.O, Thiruvananthapuram- 695564
- 3 CSI College of Nursing, Karakonam,
Thiruvananthapuram-695504
- 4 Govt. College of Nursing, Medical College.P.O,
Thiruvananthapuram-695011
- 5 KIMS College of Nursing, Anamukham, Anayara.P.O,
Thiruvananthapuram- 695029
- 6 Nightingale College of Nursing, Nedumangad,
Thiruvananthapuram-695541
- 7 NIMS (Noorul Islam Institute of Medical Science) College
of Nursing, Aralumoodu, Neyyattinkara,
Thiruvananthapuram-695123
- 8 Ruckmoni College of Nursing, Ponnambui, Vellarada,
Thiruvananthapuram-
- 9 Saraswathi College of Nursing, Parassala,
Thiruvananthapuram-695502

- 10** Sivagiri Sree Narayana Medical Mission College of Nursing, Sreenivasapuram.P.O, Varkala, Thiruvananthapuram- 695145
- 11** Sree Gokulam College of Nursing, Venjaramoodu, Thiruvananthapuram- 695607
- 12** Azeezia College of Nursing, Diamond Hills, Meeyannoor, Kollam- 691537
- 13** Bishop Benziger College of Nursing.P.B.No. 45, Sastri Junction, Kollam-691001
- 14** Holy Cross College of Nursing, Kottiyam, Kollam-691571
- 15** Mercy College of Nursing, Mercy Hospital, Valakom, Kottarakara, Kollam-691532
- 16** St. Joseph's College of Nursing, Anchal.P.O, Kollam-691306
- 17** Upasana College of Nursing, Puthuchira, Industrial Estate P.O., Kollam-691589
- 18** Vellappally Natesan Shashtyabdhapoorthi Smaraka (V.N.S.S).College of Nursing, S.N.Trust Medical Mission, Karbala Junction, Kollam- 691001
- 19** Vijaya College of Nursing, Gurugiri Campus, Neduvathur, Neeleswaram.P.O, Kottarakkara, Kollam-691506
- 20** Archana College of Nursing, Archana Hospital Complex, Pandalam, Pathanamthitta- 689501
- 21** College of Nursing, MGM, Muthoot Medical Centre, Kozhenchery, Pathanamthitta-689641
- 22** Pushpagiri College of Nursing, Pushpagiri Hospital, Tiruvalla, Pathanamthitta-689101
- 23** St. Gregorios College of Nursing, Parumala,

Pathanamthitta-689626

- 24** Tiruvalla Medical Mission (TMM) College of Nursing,
Anjilithanam.P.O, Kaviyoor, Tiruvalla, Pathanamthitta-
689582
- 25** Travancore College of Nursing, Medicity, Quilon Medical
Trust, Myalapore, Umayanalloor.P.O, Kollam-691589
- 26** Poyanil College of Nursing, Poyanil Hospital,
Kozhenchery-689641
- 27** Chithra College of Nursing, Chithra Institute of Medical
Science and Research Centre, M.C Road, Pandalam,
Pathanamthitta-689501
- 28** Mar Gregorios Memorial (MGM) Muthoot College of
Nursing, Ring Road, Pathanamthitta - 689645
- 29** Govt. College of Nursing, T.D Medical College,
Alappuzha-688005
- 30** Josco College of Nursing , Edappon, Iranikudy,
Pandalam, Alappuzha (Women's College)-689515
- 31** K.V.M. College of Nursing, Cherthala.P.O, Alappuzha-
688524
- 32** St.Thomas College of Nursing, Pallickal.P.O, Kattanam,
Alappuzha – 690503
- 33** BCF College of Nursing, Chemmanakary,
Akkarappadam.P.O, Vaikom, Kottayam-686143
- 34** Carithas College of Nursing, Carithas Hospital,
Thellakom.P.o, Kottayam- 686016
- 35** Govt. College of Nursing,Gandhinagar.P.O, Kottayam-
686008
- 36** Mar Sleeva College of Nursing, Cherpumkal.P.O, Pala,

Kottayam-686584

- 37** St.Thomas College of Nursing, Chethipuzha,
Kurissumoodu.P.O, Changacherry, Kottayam- 686104
- 38** Theophilus College of Nursing, M.G.D.M. Hospital,
Kangazha, Devagiri.P.O, Kottayam – 686555
- 39** Holy Family College of Nursing, Muthulakodam.P.O,
Thodupuzha, Idukki.-685585
- 40** St. John's College of Nursing, Kattappana, Idukki-
685515
- 41** Indira Gandhi College of Nurisng, Indira Gandhi Co-
operative Hospital, Gandhi Nagar, Kochi-682020
- 42** Lisie College of Nursing, Lisie Hospital, Ernakulam-
682018
- 43** Little Flower College of Nursing, Little Flower Hospital &
Research Centre, Angamaly, Ernakulam-683572
- 44** Lourde's College of Nursing-Sidhi Sadhan, Lourde's
Hospital, Chembumukku, Thrikkakara.P.O,
Ernakulam-682021
- 45** Mar Baselius College of Nursing, Kothamangalam,
Thankalam, Ernakulam-686691
- 46** Medical Trust College of Nursing,HOC Township,
Irumpanam, Ernakulam- 682309
- 47** Malankara Orthodox Syrian Church (MOSC) College of
Nursing, Kolencherry, Ernakulam-682311
- 48** Samaritan College of Nursing, Samaritan Hospital,
Pazhanganad, Kizhakkambalam.P.O, Aluva, Ernakulam-
683562
- 49** San Joe College of Nursing, Pulluvazhy.P.O,
Perumbavoor, Ernakulam-683541

- 50** SIMET College of Nursing, Palluruthy, Ernakulam-682006
- 51** St. Joseph's College of Nursing, St. Joseph's Hospital, Dharmagiri, Kothamangalam-686691
- 52** CMC Nursing College, Kalamassery, Kochi- 683503
- 53** Amala College of Nursing, Amala Nagar.P.O, Thrissur-680555
- 54** Aswini College of Nursing, Minor Road, Nadathara, Thrissur- 680751
- 55** Govt. College of Nursing, Mulangunnathukavu, Thrissur-680596
- 56** Jubilee Mission College of Nursing, Jubilee Gardens, Jubilee Mission.P.O, Thrissur-680005
- 57** Mother College of Nursing, Olari, Pullazhy.P.O, Thrissur-680012
- 58** St. James College of Nursing, St.James Medical Academy, River Bank, Chalakkudy, Thrissur-680307
- 59** West Fort College of Nursing, WAHE, P.B.No.16, Pottore, MG.Kavu, Thrissur-680581
- 60** Crescent College of Nursing, Crescent Hospital, Alathur, Palakkad-678541
- 61** Karuna College of Nursing, Iringuttoor, Palakkad-678103
- 62** SIMET College of Nursing, Malampuzha, Palakkad-678651
- 63** Al-shifa College of Nursing, Lemon Valley, Angadipuram Post, Perinthalmanna, Malappuram- 679321
- 64** College of Nursing, EMS Memorial Co-operative Hospital,

Pananbi, Perinthalmanna-679322

- 65** MES College of Nursing, Palachode, Perinthalmanna, Malappuram-679338
- 66** MIMS College of Nursing, Vadakkedathu Paramba, Puthukode, Malappuram- 673633
- 67** Moulana College of Nursing, Angadipuram.P.O, Perinthalmanna, Malappuram-679321
- 68** Baby Memorial College of Nursing, Kuthiravattom.P.O, Kozhikode- 673016
- 69** College of Nursing, JDT Islam Orphanage Committee, Vellimadukunnu, Calicut-673012
- 70** Govt. College of Nursing, Medical College.P.O, Kozhikode-673008
- 71** KMCT College of Nursing, West Mampetta, Mukkom, Calicut-673602
- 72** National College of Nursing, Pooladikunnu, Kozhikode-673303
- 73** Nirmala College of Nursing, Marikunnu.P.O, Kozhikode-673012
- 74** P.V.S College of Nursing, Pantheerankavu, Railway Station Road, Kozhikode-673019
- 75** Almas College of Nursing, Almas Hospital, Kottakkal, Malappuram-676503
- 76** Red Crescent College of Nursing, Chungam, Feroke, Kozhikode-673631
- 77** A.K.G.Memorial Co-operative College of Nursing, Nr.Gurukkanmarkkavu, Mavilayi.P.O, Kannur-670622
- 78** Canossa College of Nursing, St. Martin De Porres

Hospital, Cherukunnu, Kannur-670301

- 79** College of Nursing ACME, Pariyaram, Medical College.P.O, Kannur-670503
- 80** College of Nursing, Kannur Medical College, Anjarakandy, Mamba, Kannur-670612
- 81** College of Nursing, Kerala Co-operative Hospital Federation Ltd., Nettoor, Thalassery, Kannur-670105
- 82** Crescent College of Nursing, Mottambram, Madayi.P.O, Kannur-670358
- 83** Koyili College of Nursing, Koyili Hospital, Kannadiparamba.P.O, Kannur-670604
- 84** Lourde College of Nursing Ariyil, Taliparamba, Kannur-670143
- 85** Century College of Nursing, Poinachi, Thekkil.P.O, Kasaragod- 671541
- 86** Malik Deenar College of Nursing, Malik Deenar Charitable Hospital, Thalangara.P.O, Kasargod-671122
- 87** SIMET College of Nursing, Uduma, Kasargode.-671319
- 88** Laxmi Meghan College of Nursing, Surgicare Centre & Hospital, Kanhangad, Kasargod-671315
- 89** Dhanalakshmi College of Nursing, Dhanalakshmi Hospitals PVT. Ltd., Kannur-670002
- 90** SIMET College of Nursing, Muntoor, Palakkad - 678651
- 91** SIMET College of Nursing, Thripunithura, Ernakulam
