



MANIPAL
ACADEMY of HIGHER EDUCATION

(Deemed to be University under Section 3 of the UGC Act, 1956)



25
1993-2018

25th Convocation 2018

Manipal Academy of Higher Education
(MAHE)



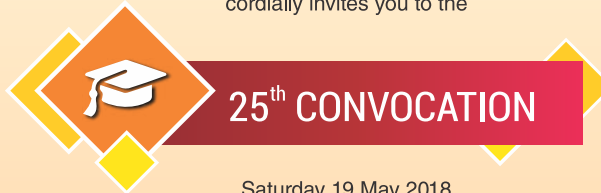
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MANIPAL
ACADEMY of HIGHER EDUCATION
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cordially invites you to the



Saturday, 19 May 2018

Time: 5.30 p.m.

Venue: Dr. TMA Pai International Convention Centre,
M. G. Road, Mangaluru

Chief Guest:

Professor David Gordon

President, World Federation for Medical Education (WFME), UK

Dr H Vinod Bhat
Vice Chancellor

Dr H S Ballal
Pro Chancellor

Dr Ramdas M Pai
Chancellor



Convocation Procession



Dr H S Ballal, Pro Chancellor declares the Convocation open

Welcome Address



Dr V Surendra Shetty, Pro Vice Chancellor, MAHE delivering the Welcome Address

Chief Guest of this evening, Professor David Gordon, Pro Chancellor Dr H S Ballal, Mrs Indira Ballal, Vice Chancellor Dr H Vinod Bhat, Dr Parvathi Bhat, Pro Vice Chancellors – Professor Datuk Dr Abdul Razzak, Dr Poornima Baliga, Dr C S Thammaiah, Dr PLNG Rao, Registrar Dr Narayana Sabhahith, Registrar Evaluation Dr Vinod Thomas, Dr Geetha Maiya, Director Student Affairs, Deputy Registrars, Dr Shyamala Hande and Dr Preetham Kumar, Heads of various institutions of MAHE, administrators, faculty members, invitees, parents of the degree awardees, the graduating batch of 2018, post graduates and postdoctoral fellows, members of the press and the media, ladies and gentlemen, I have great pleasure in extending my hearty welcome to all of you, who have kindly accepted our invitation to attend this joyous ceremony.

Convocation is a momentous occasion for students and teachers alike. The bond between the teacher and the student that

is built through years of mentoring brings in an emotional content to the occasion. It is also a day to witness the results of the University's efforts and see how it has been able to shape the future of a large number of graduates and post graduates receiving degrees at the ceremony.

To commemorate this joyous occasion, we have in our midst, Professor David Gordon, President of the World Federation for Medical Education (WFME). WFME is a global organization concerned with medical education and is in official partnership with the World Health Organization (WHO). Professor David Gordon, we welcome you to the convocation and look forward to your address.

It gives me immense pleasure to welcome Dr H S Ballal, Pro Chancellor, whose astute stewardship has been the guiding force of the University and has played the pivotal role in our University to be recognized as one of the leading educational institutions in the country. My hearty welcome to you Sir! A respectful welcome to Mrs Indira Ballal!

I extend a warm and cordial welcome to our dynamic Vice Chancellor Dr H Vinod Bhat, who has been a part of the leadership team at MAHE for years. His passion for teaching, research, and uncompromising emphasis on quality has been a source of inspiration for his students and colleagues. A pleasant welcome to Dr Parvathi Bhat!

A hearty welcome to Pro Vice Chancellors - Professor Datuk Dr Abdul Razzak, Dr Poornima Baliga, Dr C S Thammaiah, Dr PLNG Rao, Registrar Dr Narayana Sabhahith, Registrar Evaluation Dr Vinod Thomas and Director Student Affairs Dr Geetha Maiya.

I welcome the members of the Board of Management, Academic Council and Finance Committee who monitor and ensure constant and consistent progress in the activities of MAHE.

The Manipal team consisting of the heads of institutions, the members of the faculty, the officers of the University and all the supporting staff, have played significant role in earning repute and popularity for our University through their dedication and hard work. To all of them who are here, I extend a warm welcome.

Our donors, well-wishers, the elite of Mangalore, Udupi and Manipal, who have always cherished the growth of our Institutions, I extend a warm welcome.

It is a great day in the lives of the delighted parents of the new graduates and postgraduates, who have come here to be with us and share our joy. I extend a warm welcome to all of them.

The press and the media have been helpful in informing the public about our University,

ensuring our transparency and impeccable integrity. My hearty welcome to all of them, who have responded to our invitation.

In closing, the most important people of this convocation are the graduates, the post graduates and the postdoctoral fellows, who are eager to receive their degrees today. My dear young graduates, I am positive that each and every one of you will certainly use your abilities to the fullest. Stick to values and ethics; be sincere in your thoughts, and actions. Sincerity always pays in the long run. Remember there are no short cuts to success. Be a credit to your profession. Be a credit to your alma mater, your teachers, your parents, and most of all to yourself.

This is a wonderful world in which you have been born. Preserve it and nurture it. Remember the words of Nelson Mandela, "Education is the most powerful weapon, which you can use to change the world."

Good luck to all of you and may the Lord Almighty bless you!



Overview of the University



Dr H Vinod Bhat, Vice Chancellor, MAHE presenting an Overview of the University

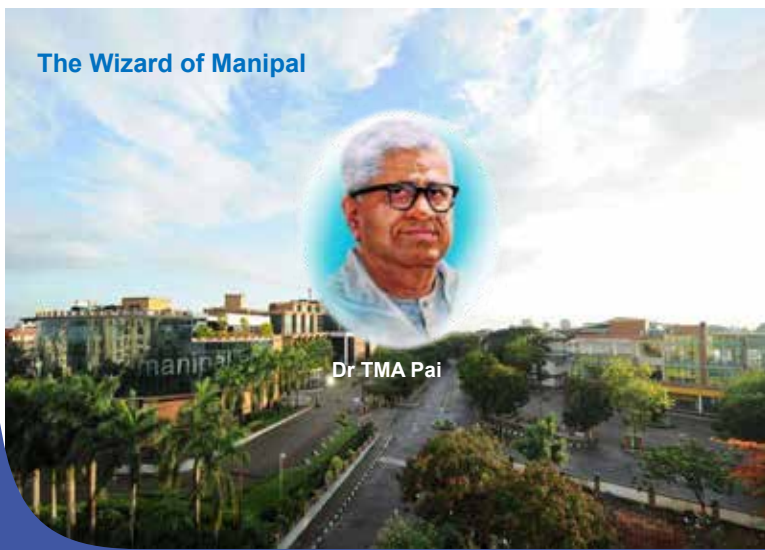
Chief Guest for the 25th Convocation of Manipal Academy of Higher Education Dr David Gordon, Pro Chancellor Dr H S Ballal, Pro Vice Chancellors - Dr Surendra Shetty, Dr PLNG Rao, Dr Poornima Baliga and Dr Thammaiah, Registrar Dr Narayan Sabhahit, Deputy Registrars - Dr Shyamala Hande and Dr Preetham Kumar, Director Student Affairs Dr Geeta Maiya, Heads of Constituent Units

of MAHE, members of MAHE Trust, members of the Board of Management and Academic Council, administrators, faculty members, representatives of the media, distinguished invitees, online audience, parents and my dear students.

I am pleased to take you through a brief presentation of the University's achievements in the last 12 months.



The Wizard of Manipal



Dr TMA Pai

The man who conceived and created Manipal, Dr Tonse Madhava Anant Pai, was a pioneer in educational entrepreneurship. His far-sighted vision and single-minded approach to the accomplishment of goals saw the birth of private medical education in Manipal, which led to a model emulated across the country even to this day.

Bridging Generations and Shaping the Future



Dr Ramdas M Pai
Chancellor, Manipal Academy of Higher Education

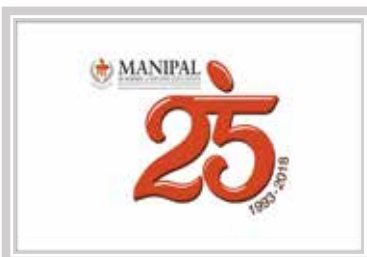


Dr Ranjan R Pai
Chairman, MEMG India Pvt Ltd



His illustrious son, Dr Ramdas M Pai made Manipal an international University Township and also took Indian Higher Education overseas. Dr Ranjan Pai is at the forefront of enterprise in education, healthcare, and cutting edge research. With several spectacular successes behind him, he represents the third generation. Commitment, perseverance, integrity, and humility have been the core values of the family and the University has adopted them as its own in its march forward.

MAHE turns 25



This year, we celebrate the Silver Anniversary of Manipal Academy of Higher Education. Taking a long term perspective we have worked on a comprehensive 15 year plan for the University going up to 2032.

Six Decades of Excellence



MAHE – 11th
KMC, Manipal – 4th
KMC, Mangalore – 16th



MCOPS – 07th
FOA – 10th
MIT – 39th

701-750 QS World University Rankings India's Only Private University	
251-300 Pharmacy	401-450 Medicine
198 QS AUR	119 QS BRICS



The year has been very kind to Manipal with national and global rankings. MAHE is the highest ranked private university from India in the QS World University list. Our two Medical Schools – KMC, Manipal and KMC, Mangalore are in the top 20 by NIRF rankings – Manipal at 4 and Mangalore at 16. MCOPS retains its seventh position while Faculty of Architecture is in the tenth position. National rankings by the Week places MAHE at No. 1 position in the list of Private Universities for the fourth year in a row.

Kasturba Medical College, Manipal

- Flagship Institute of the University
- QS – Subject Ranking: 401 - 450
- MHRD NIRF Ranking: 4th Position
- Publication in Nature: JIF - 40.13
- Manipal Global Medical Education Conclave - Conceptz



Dr Pragna Rao
Dean



Inception: 1953; Courses: 46; Students: 1982; Faculty: 447; Publications: 570



Kasturba Medical College (KMC) is the flagship institute of the University by its seniority, its high standards in academics and research, and the sheer quality of clinical experience for its undergraduates and residents. The collaboration with University of Chicago in reinforcing medical curriculum through innovative methods continues to gain traction with faculty members and students.

Kasturba Medical College, Mangalore

- First Public Private Partnership in medical education and health care
- MHRD NIRF Ranking: 16th Position
- GEMx an ECFMG Initiative
- GHLO an AAMCE Initiative
- 1st Indo-French Forensic Congress



Dr M Venkatraya Prabhu
Dean



Inception: 1955; Program: 25; Students: 1588; Faculty: 407; Publications: 189



KMC, Mangalore is the finest example of Public Private Partnership in medical education and patient care.



Manipal Institute of Technology (MIT) is the largest constituent unit of MAHE and the rising star of the University in its research output.

Manipal Institute of Technology

- Diamond Jubilee Celebrations
- MHRD NIRF Ranking: 39th Position
- Mars Rover Challenge: 8th Globally; 1st in Asia
- AICTE Clean Campus Award
- RBNQ Performance Excellence Award 2017
- 100+ Placement Partners



Dr D Srikanth Rao

Director



Inception: 1957; Program: 41; Students: 9066; Faculty: 625; Publications: 457



Manipal College of Pharmaceutical Sciences retains its QS World Rankings for Specialties in the 25-300 range. Manipal-Schrödinger Centre for Molecular Simulations, set up during year, has the potential to be a Centre of Excellence in the immediate future.

Manipal College of Pharmaceutical Sciences

- QS World University Ranking by Subject: 251 - 300
- MHRD NIRF Ranking: 7th Position
- Manipal - Schrödinger Centre for Molecular Simulations
- Dr Eswara Reddy appointed as DCGI
- AICTE sponsored Quality Improvement Program



Dr B Mallikarjuna Rao

Principal



Inception: 1963; Programs: 15; Students: 934; Faculty: 70; Publications: 126



Manipal College of Dental Sciences (MCOADS), Manipal is the Number one Dental College in the country for yet another year. University of Minnesota's FHI 360 grant identified MCOADS, Manipal and Mangalore for training Afghan dentists in advanced specialties.

Manipal College of Dental Sciences, Manipal

- Week Hansa Survey: No. 1 Dental College
- Faculty Fellowships: 5
- Faculty Research Award by Career 360
- MAHE Silver Utsav 2018 Champions
- Collaborated with University of Minnesota for FHI 360 and USWD Program



Dr Keerthilatha M Pai

Dean



Inception: 1965; Programs: 15; Students: 677; Faculty: 89; Publications: 129



Welcomgroup Graduate School of Hotel Administration

- World Ranking CEO World: #36; Guided by ITC and MAHE; State of the Art Facility; Highly Endorsed Syllabus; Alumni Network
- No 1 Supreme Hotel Management Institute
- Launch of PATRA – Heritage from the Indian Kitchen
- International Symposium 2018



Welcomgroup Graduate School of Hotel Administration (WGSHA) has been recently ranked the 36th best hospitality school in the world by CEO World. We have commissioned new infrastructure for the School while the Academy of Culinary Arts has moved to its new look location.

Prof Parvadhavardhini G

Principal



Inception: 1986; Program: 1; Students: 652; Faculty: 36; Publications: 5

Manipal College of Dental Sciences, Mangalore



- Centre for Advanced Dental Education organized Damon Technique
- MoU with University of Portsmouth
- Certificate Course in Forensic Odontology, Minor Oral Surgery Procedure and Modern Endodontics
- Outstanding performance at NEET



Manipal College of Dental Sciences (MCOADS), Mangalore commenced a Center for Advanced Dental Education with a mission to conduct high quality continuing dental education programs. The MoU with University of Portsmouth seeks to establish a school for oral health program in Mangalore.

Dr Dilip Naik

Dean



Inception: 1987; Programs: 16; Students: 582; Faculty: 78; Publications: 56

Manipal College of Nursing



- Ranked No 3 among 1623 Nursing Colleges
- Only institution in the country to offer MPhil
- Collaborations: Ngee Ann Polytechnic Singapore, University of Stavanger, Norway and MGH Institute of Health Professions, Boston
- International Conference on Global Challenges in Health Care



Manipal College of Nursing (MCON) is ranked No. 3 out of more than 1600 Nursing colleges in the country. Graduates of MCON are highly sought after by the industry. The college is the only one in the country offering MPhil Nursing Program.

Dr Anice George

Dean



Inception: 1990; Programs:13; Students: 528; Faculty: 52; Publications: 35



International Centre for Applied Sciences

- Global Engineering Program: Students graduate from a Premium University abroad
- 100+ International Universities accept ICAS Credits
- Global Placement Opportunities
- ICAS alumnus makes it to the Guinness World Records



International Centre for Applied Sciences (ICAS) works with 40 partner Universities worldwide, successfully placing eligible students in programs in the US, UK, Germany, France, and Australia.

Dr Radhakrishna Aithal



Director

Inception: 1994; Program: 1; Students: 241; Faculty: 9; Publications: 2

Melaka Manipl Medical College



- Celebrates two decades of success
- Student Centred Pedagogic Practices
- Exhibition: 'Seeds of Hope - Visions of sustainability, steps towards change'
- Workshop: Frontiers in Microbiology and Biology Education (FIMBE)
- Experiential Learning: Cadaveric demonstration of Human Musculoskeletal System for Fitness Trainers



The medical and dental programs of Melaka Manipl Medical College (MMMC) are conducted in the twin campuses at Manipal and Melaka. They follow the six strand, system based, integrated curriculum with unique and innovative focus on student-centered learning.

Dr Ullas Kamath



Dean

Inception: 1997; Programs: 2; Students: 910; Faculty: 144; Publications: 115

School of Communication



- Tune to 90.4 for BBC programs
- International Conference on Health Communication Bridging Gaps and Raising Awareness
- Inauguration: Multimedia Research Centre by Dr Vinod Agarwal
- Namma Angadi: Exhibition of Handicraft, handloom and eco-friendly products



School of Communication (SOC) is rapidly transforming from being a teaching institution to one that is deeply engaged in research. SOC attracts international students from Norway, Netherlands, Germany, and France and offers exchange opportunities for its students as well.

Dr Padma Rani



Director

Inception: 1997; Programs: 6; Students: 522; Faculty: 22; Publications: 1

School of Information Sciences

- Inauguration: Philips HealthSuite Insights and Data Science Lab
- National Conference on Information Sciences (NCIS)
- Center for Software Development (CSD)
- Study Abroad programs: ESIGELEC, ENSAI, and EFREI, Group T, Lancaster, Edinburg Napier etc.

Dr Ramashesha C S

Director



Mr Srinivas Prasad from Philips

With students from EFREI

Inception: 1998; Programs: 11; Students: 372; Faculty: 24; Publications: 6



School of Information Sciences conducts postgraduate programs in Medical Software, Embedded systems, Semiconductor Chip design, Virtualization, Big Data Science, Cloud Computing, and Internet of Things. All the programs are industry supported. The school runs collaborative post graduate degree and study abroad programs with universities in Europe, USA, and UK. Philips has hosted an Artificial Intelligence Platform called "HealthSuite Insight" which can be used by all the institutions of MAHE.

School of Allied Health Sciences

- Largest AHS school in India
- Most number of UG, PG, PhD programs
- New specialization: MSc Public Health Laboratory Science
- Academic and Research collaborations with 17 International Universities
- Mangalore Physiocon 2017 and Pre-conference workshop on Critical Care Physiotherapy

Dr B Rajashekar

Dean



AUDICON IV

Vasuki – Outstanding Alumnus 2018

Inception: 1999; Programs: 44; Students: 2470; Faculty: 161; Publications: 76



School of Allied Health Sciences (SOAHS) is the largest in its category in the country. Much of its success has been by creating capacity and skilled manpower in India and countries such as the Sultanate of Oman, Nigeria, Ethiopia, Vietnam, and Malaysia. It is proposed to start a similar school in Mangalore and a Faculty of Allied Health Sciences in Melaka in the next 12 months.

School of Management

- Industry relevant programs: MBA Global Business; MBA Healthcare Management
- Innovative interdisciplinary subjects in curriculum
- International Conference: Fostering Innovation in Financial Inclusion (FIFI)
- PANACEA: The Healthcare Management Club organized SEHAT '18
- HR Conclave '18

Dr Raveendranath Nayak

Director



FIFI 2018

Dr Avinash Shetty at SEHAT '18

Inception: 1999; Programs: 3; Students: 340; Faculty: 21; Publications: 23



School of Management has started a signature two-country Global MBA program that is proving to be very popular. The Indo German Centre for Applied Research and Academic Exchange is run out of the School of Management.



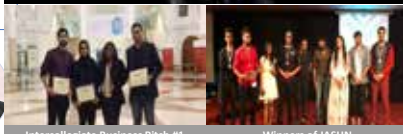
MAHE Dubai Campus

- Centre of Excellence in School of Business: Trading Room
- Wins AUS Business Pitch Competition
- White Oryx International Short Film Festival
- First place in Drama at JASHN 2018 held by BITS Pilani, Dubai
- Research funding from ExpoLive, Dubai



MAHE Dubai is the best known of Indian Universities in Dubai International Academic City. We have recently added two student hostels for on-campus housing. With the commencement of PhD programs, research is being encouraged and revitalized.

Dr SV Kota Reddy
Academic President



Intercollegiate Business Pitch #1

Winners of JASHN

Inception: 2000; Programs: 38; Students: 2228; Faculty: 69; Publications: 28

School of Life Sciences



- Awarded Biotechnology Skill Enhancement Program (BISEP), GoK
- Fifty high-impact publications and funding more than INR 3 crore
- Science Academies' Refresher Course
- International Symposium on Advances in Biomedical Optics and Applications



School of Life Sciences houses the TIFAC Centre of Excellence in Pharmacogenomics and has had several prestigious grants during the year. The school is leading the effort to establish a Bio-incubator in Manipal with funding from the Government of Karnataka.

Dr K Satyamorthy
Director



J V Bhat Oration 2018

Science Day Celebration

Inception: 2006; Programs: 8; Students: 230; Faculty: 25; Publications: 47

School of Regenerative Medicine

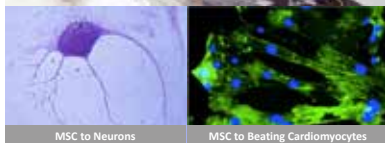


- SORM Focus: Stem cell banking; Tissue engineering; Regenerative and reparative biology; Drug screening platform
- Cuor Stem Cellutions Private Limited incubated at MUTBI
- Two provisional patent applications
- Celebration of National Science Day



School of Regenerative Medicine in Bangalore works exclusively in the field of stem cells. The School had several papers by the faculty members in high impact journals during the year.

Dr Gopal Pande
Dean



MSC to Neurons

MSC to Beating Cardiomyocytes

Inception: 2007; Programs: 3; Students: 23; Faculty: 9; Publications: 10

Faculty of Architecture

- MHRD NIRF ranking: 10th Position
- IDiDe '18: MAHE-India, Deakin-Australia and IIUM-Malaysia
- Nation Building with PMAY - R, NIUA and UNICEF
- Fashion Design team win at IIT Bombay Mood Indigo

Prof Nishanth Manupure
Director



IDiDe 2018

Fashion Design #1 at Mood Indigo

Inception: 2010; Programs: 2; Students: 834; Faculty: 82; Publications: 2



Faculty of Architecture, in collaboration with Deakin University, Australia and IIUM, Malaysia has successfully conducted the second of the three proposed studios in Manipal.

Prasanna School of Public Health

- Programs: Public health, social work and hospital administration
- Médecins Sans Frontières and MAHE initiate "Global health and humanitarian medicine program"
- Sixth Global Health Symposium: 270+MSc Global Health Students and 30+faculty
- Policy Dialogue: Digital health governance in New Delhi

Dr Helmut Brand
Director



2018 Global Health Symposium

Bosch's Health Care and Manipal

Inception: 2017; Programs: 12; Students: 283; Faculty: 20; Publications: 97



Prasanna School of Public Health, the newest of MAHE's institutions has had an excellent year. The signature international symposium held every April along with Maastricht University and McMaster University had over 300 participants. I am pleased to announce that the School will be establishing a Think Tank on Healthcare, close on the heels of Universalization of healthcare focusing on quality of care, healthcare technology forecasting, and assessment, access to care, and alternatives models to public spending.

Manipal Centre for Philosophy and Humanities

- Dr TMA Pai Chair in Indian literature: Comic Journalism and the Graphic Novel with graphic novelist
- Centre for Cultural History: Public Lecture on Archaeology as History: Case of the Chalukyas of Vatapi
- Artist-in-residence: Shanthamani Muddalah
- K K Hebbar Art Gallery
- Vysaraya Ballal Memorial Archive

Dr Nikhil Govind
Director



Prof Vijay Padaki – Artist in Theatre

Shantamani Muddalah

Inception: 2010; Courses: 5; Students: 67; Faculty: 10; Publications: 4



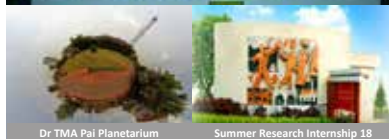
Manipal Centre for Philosophy and Humanities (MCPH) is a centre of excellence. Started entirely as a Graduate school, this year we have introduced a unique undergraduate program with a wide choice of minors and electives. The centre also houses the famous K K Hebbar Art Gallery and the Vysaraya Ballal library.



Manipal Centre for Natural Sciences

- High Performance Computer Cluster (Shakti)
- Seminar: Fossils as tools for reconstructing ancient environments
- Summer Research Internship: SRI '18
- Co-discovery: First Indian Jurassic era Ichthyosaur fossil in Kachchh region
- Development of a table top accelerator for multi-disciplinary use

Dr Mohini Gupta
Director



Dr TMA Pai Planetarium Summer Research Internship 18

Establishing synergies between fundamental research in natural sciences and engineering, Manipal Centre for Natural Sciences has created a niche for itself in the fields of Paleontology, Astrophysics and Earth Sciences. The Centre is one of the few in the world working on the theoretical aspects of SuperHeavy Elements with experimental support coming in from partner laboratories in Germany, Romania, Poland, Italy, and Russia.

Inception: 2012; Programs: 5; Students: 67; Faculty: 10; Publications: 23



Manipal University Technology Business Incubator

- Bioincubator in BioPharm
- Business plan competitions and Provenance 2018
- Manipal Entrepreneurship Summit
- Graduated Companies: 18



Dr Y Shrihari Upadhyaya
CEO and Secretary, MUTBI



Student Entrepreneurship Cell MUTBI – Nurturing Startups

In its 10th year, Manipal University Technology Business Incubator (MUTBI) society is adding a second incubator to MAHE. The Bio-incubator with focus on startups in medical devices, drug discovery and molecular diagnostics has received 55 million Rupee funding from the Government of Karnataka.



Manipal Academy of Banking, Bangalore

- Best practices in academic delivery
- Modular approach to learning
- Comprehensive quality assessment of delivery (CREATE)
- MoU: With Dai-ichi Life, Royal Sundaram, Chola Insurance Academy etc.




Dr C S Thammaiah
Pro-Vice Chancellor
(Corporate Academia Engagement)













Launch of Chola Insurance Academy Royal Sundaram Signs MoU

Manipal Academy of Banking (MAB) is the fastest growing institute of the University. The proposed off campus in Bangalore will have MAB at its core with other disciplines layered around it.


University Departments










 Geopolitics and International Relations • Dr Arvind Kumar	 Atomic and Molecular Physics • Dr Santosh C	 Sciences • Dr Padmalatha
 Commerce • Dr Sandeep Shenoy	 Virus Research • Dr Arun Kumar	
 European Studies • Dr Neeta Inamdar	 Library and Information Sciences • Dr Shivanand Bhat	 Design • Dr Veena Rao
 Culinary Arts • Chef Thiru	 Allied Hospitality Studies • Mr Valsaraj	

The University has 10 departments and two centres of Excellence. The postgraduate programs in Biostatistics, Liberal Arts, Public Health, European Studies, and International Relations are undoubtedly the best in the country. These departments have several high visibility projects. It is pertinent to mention the Erasmus Plus Capacity Building Grant for Content and Language Integrated Learning (CLIL), awarded to the Dept of European Studies is the only EU Grant in the country, where an Indian University is the lead.

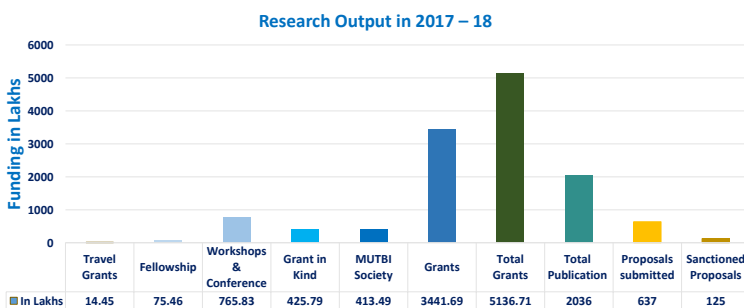
New Centres



• Centre for Climate Studies  Dr Anish Kumar Warrier	• Centre for Molecular Neurosciences  Dr Dinesh Upadhy	• Interdisciplinary Centre for Craniofacial and Orofacial Pain Research  Mr Prabu Raja G	• Manipal Centre for Indigenous Population  Dr Ranjitha Shetty
• Centre for Cyber Physical System  Dr Santhosh K V	• Centre for Sexual Medicine  Dr Shrutakirthi D Shenoy	• Manipal- Schrodinger Centre for molecular simulations  Dr G Gautham Shenoy	

The University has set up 89 unique centres, many of which are interdisciplinary. Some of the Centres are in collaboration with industry for example – Centre for Cyber Physical Systems in collaboration with National Instruments, some are with University partners - for example Manipal McGill Centre for Infectious Diseases and some are with Research Institutes such as Indo Japan Centre for Molecular Biology in collaboration with AIST, Tsukuba, Japan.

Research Output



Faculty members have demonstrated remarkable industry in applying for research grants from funding agencies from India and outside. 2017-18 witnessed the largest number of applications and the largest number of approvals from Manipal in any given year. I foresee this trend to continue for the next two years as well.

Large Grants



The University has over 300 externally funded projects going on at any given point of time. With a clear shift in focus from numerous small projects to limited few extra large grants, we have identified and acted on several possibilities. I am pleased to say that we have submitted the first ever one billion rupee grant to one such agency.

High Impact Publications



We have created the right environment in the University, supported by an enabling Policy, to foster the culture of Research. With 11 of our papers featuring in the Nature Index Rising Stars 2017-18, MAHE stands fourth in article count in the subject of Life Sciences among all universities in the country and topmost among private institutions.

Internationalization



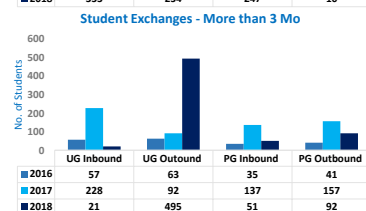
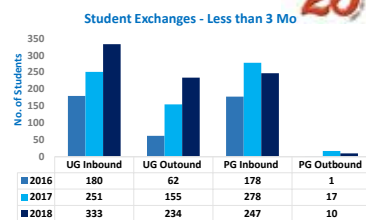
DIES Training Course for Management of Internationalization



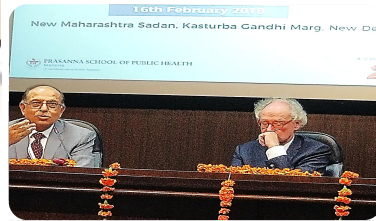
Study Abroad Program Students from the University of Maryland



The Office of the International Collaborations has established more than 350 unique agreements. The specific tasks for 2018 will be to deepen some of the existing relationships and to selectively engage with top 100 universities of the world.



Policy Dialogue on Digital Health Governance



The Indian Social Responsibility Network (ISRN) and Prasanna School of Public Health (PSPH), Manipal Academy of Higher Education (MAHE) organized a high-level Policy Dialogue to discuss the future of Digital Health in India at New Delhi recently. It was a first of its kind event held to discuss and inform how technology can improve health outcomes. This was second in the series called Manipal Dialogues, directing policy discussions in Higher Education, Healthcare, and External affairs.

High Visibility Events



Dr R Shamdasani of Shamdasan Foundation



Shri Narayana Murthy, Founder, Infosys



Dr Rasha Kelej, CEO, Merck Foundation



Dr Sampath Shivangi, Doctor and Philanthropist



There were high visibility events this year like the TED Talks and interactions with some highly accomplished and distinguished individuals.

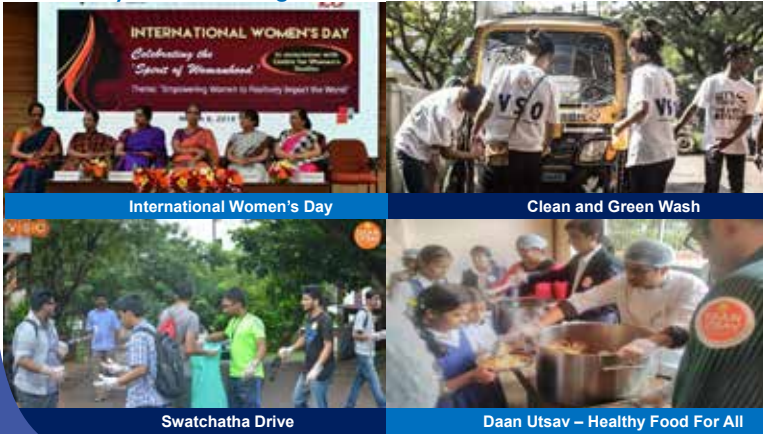
m.i.l.a.p.

Manipal International Literature and Arts Platform



MAHE hosted first-of-its kind literature festival – Manipal International Literature and Arts Platform (MILAP), a delightful excuse to celebrate art in various forms – literary, performing, visual, and cinematic. The three-day literature fest also included a mini film festival, an art exhibition, a book fair, and several outstanding performances. Encouraged by its success, we plan to make it an annual event every September.

Voluntary Services Organization



Students and faculty members make the best use of platforms created for them to showcase their talent. Voluntary Services Organization (VSO) of the University primes students to societal needs and I am proud of their commitment to and involvement in various service projects identified by them.

Shapes of Edifices



These are the shapes of edifices to come! All the projects are underway and are slated for completion in the next 12-24 months.

Enabling Foundation



With as many as 14 new projects initiated during the year, the immediate needs of most of the institutions are being met.



MAHE Leadership



Dr H S Ballal
Pro Chancellor



Dr V Surendra Shetty
Pro Vice Chancellor



Dr Poornima Baliga
Pro Vice Chancellor



Datuk Dr Abdul Razzak
Pro Vice Chancellor



Dr PLNG Rao
Pro Vice Chancellor



Dr Narayana Sabhahit
Registrar



Dr Vinod V Thomas
Registrar - Evaluation



Dr Ramjee B
Special Projects



Dr Aparna Raghu
Planning and Monitoring

I am fortunate to have the unconditional support of the Board of Management, Academic Council, Finance Committee and the administrative and academic leaders of the University.



MAHE Directors



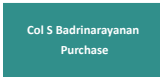
Dr Varadaraya Pai
Finance



Dr Giridhar Kini P
Admissions



Dr Geetha Maiya
Student Affairs



Col S Badrinarayanan
Purchase



Col Prakash Chandra B
General Services



Dr Alexander Chandy
Public Relations and Media
Communication



Dr Sandeep Shenoy
Quality and Compliance



Mr Prasanna Kailaje R
Industry Liaison and
Placements
Alumni Relations



Capt M C Belliappa
Projects



Dr Udupa N
Research (Health Sciences)



Dr Satish Shenoy B
Research (Technical)



Dr Raghu Radhakrishnan
International Collaborations

The heads of the University's functions and their teams have contributed immensely during the year in taking us higher. I expect the same level of commitment and assistance in the coming years as well.



Human Resource Development



Mr Rajen Padukone
Group President
Manipal Education and
Medical Group



Mr Nishith Mohanty
Human Resource Officer
Manipal Global
Education Services



Mr Somnath Das
Officer on Special Duty
Manipal Education and
Medical Group



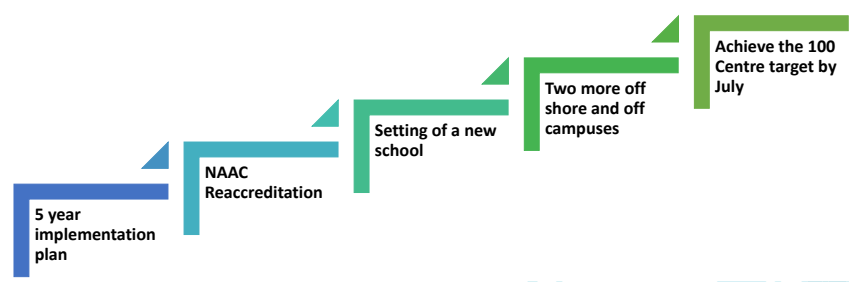
Mr Jerry K Joseph
Dy Director
Human Resource
Development

The external advisory groups, industry representatives on Boards of Studies and our own executives from Corporate Office have been of great help to me. I count on them for their assistance, guidance, and direction in the years to come.



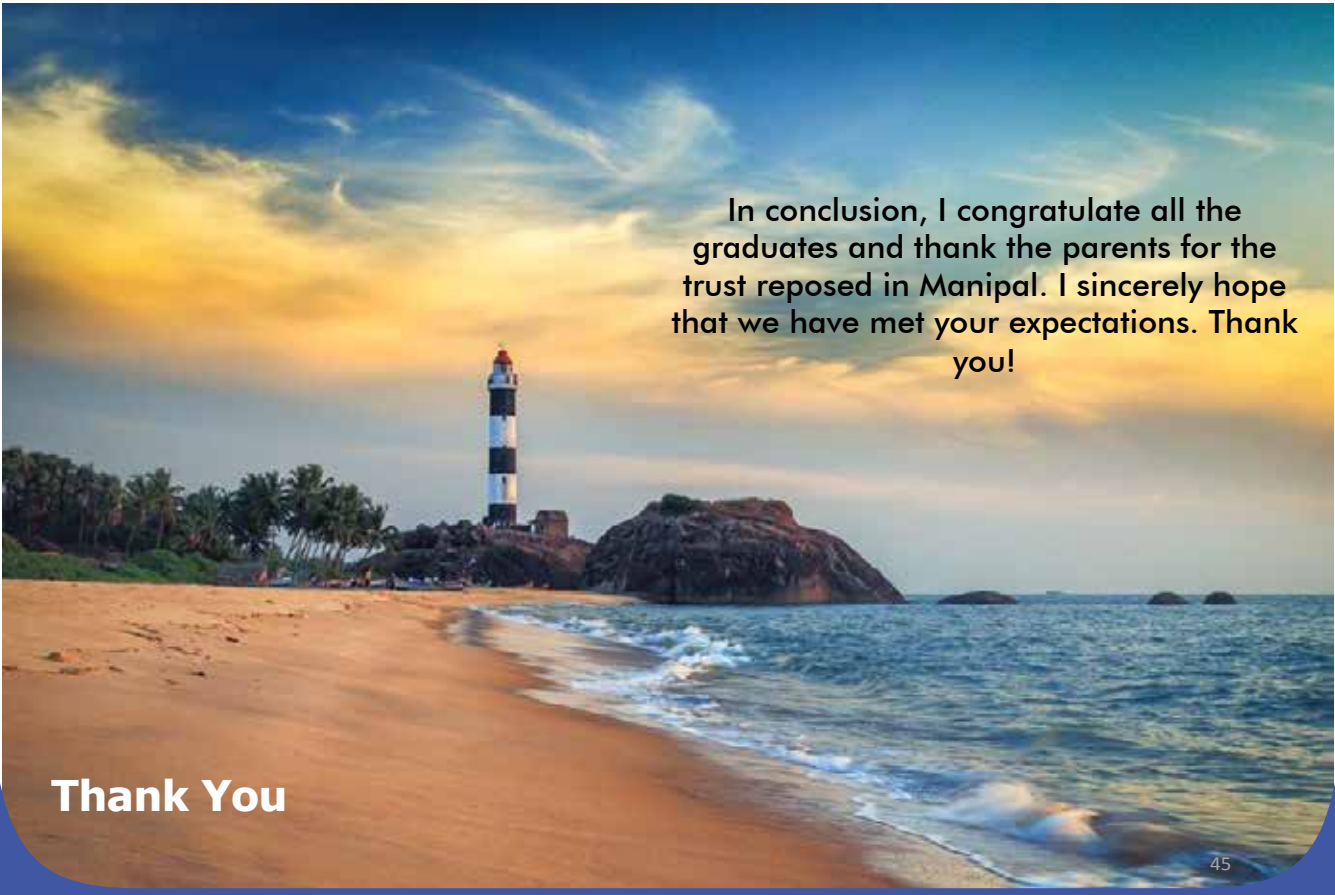


Future Tasks



When we reflect on the first phase of the journey, we seem to have met most of our targets and reached all the milestones. From now on, it gets interesting and even exciting. We are aiming to be one of the ten private Universities in the country to be recognized as an Institution of Eminence, which is a part of Govt of India's agenda on Higher Education.

The jury is out and the results will be announced anytime now. With its stellar performance in the past and the potential for even greater things, I am absolutely certain that MAHE will be one of the chosen ones. The year 2018-19 will be an year of expansion. We are poised to enter new geographies with exciting prospects and new age programs.



In conclusion, I congratulate all the graduates and thank the parents for the trust reposed in Manipal. I sincerely hope that we have met your expectations. Thank you!

Thank You

Introduction of the Chief Guest



Introduction of Chief Guest by Dr M V Prabhu, Dean, Kasturba Medical College, Mangalore

David Gordon has been the President of the World Federation for Medical Education (WFME) since 2015. He had previously been the President of the Association of Medical Schools in Europe, is presently an emeritus professor of medicine at the University of Manchester and holds several visiting professorships. He has lectured extensively, particularly in Central and Eastern Europe, in the Middle East, and in countries of the former Soviet Union.

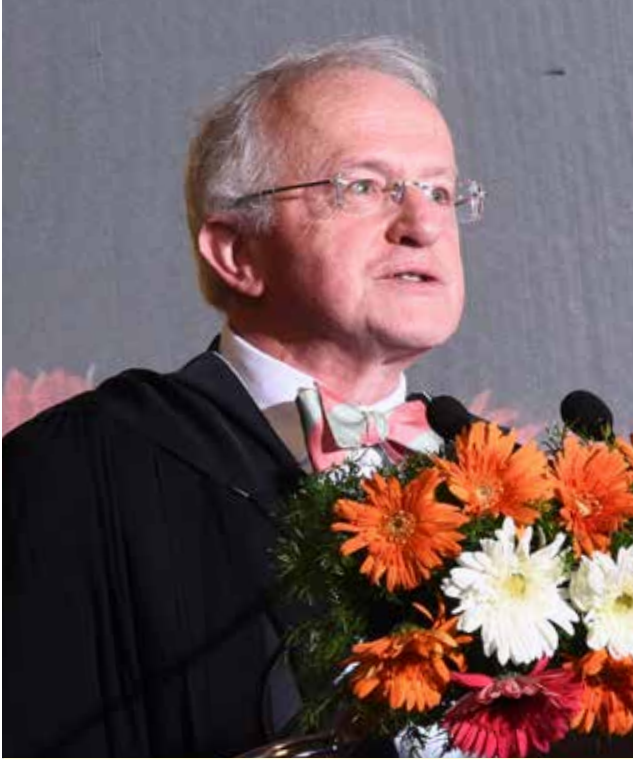
The WFME is a global organization concerned with medical education and is in official partnership with the World Health Organization. WFME is an umbrella organization for the six world-wide Regional Associations for Medical Education, and in addition to its formal relationship with WHO, WFME is associated with other

global bodies concerned with medicine and medical education.

After qualifying from the University of Cambridge, Professor Gordon held research, academic, and clinical appointments in Leicester, Cambridge, and London. He joined the Wellcome Trust during the period of its expansion to become the world's largest endowed foundation and the world's largest non-governmental funds provider of biomedical research. He was the Dean of the medical faculty in Manchester for seven years and the chair of the Council of Heads of Medical Schools in the UK.

Professor Gordon left Manchester in 2007 and joined the WFME office, then based at the University of Copenhagen, Denmark. The WFME office is now in Ferney-Voltaire, France, near Geneva.

Convocation Address by the Chief Guest



David Gordon has been the President of the World Federation for Medical Education (WFME)

Vice Chancellor, Pro Chancellor, Deans, ladies and gentlemen, graduates, friends and colleagues: It is a great pleasure to be here and to be invited to address you, on this most auspicious day.

There are few days that are more important and significant in the life of a university than the day where new graduates accept their degrees and become full members of the academic community. This is a degree ceremony, where not only degrees are conferred, but also, the brightest and the best of a young generation take the next step to becoming practicing medical doctors. And, although we must be careful not to say that medicine is the most important subject, in any university where students study all the major subjects, medicine is undoubtedly the subject that has the most prominence in public mind and rightly so.

Why is it important not to say that medicine is the most important subject, or that

“medicine is different”. It was said to me, nearly twenty years ago, when I was about to become the Dean of the Medical Faculty in Manchester - “Do not say that medicine is different.” The person who advised me in those words was the Academic Registrar, a wise man and what he meant was that in the academic world generally, medicine as a discipline is undoubtedly very important, but it must accept its place in the community of academic subjects, maybe as a *primus inter pares*, but not as the only thing that matters.

I was careful to follow the Academic Registrar’s advice. During my time in Manchester, two of the most significant events were the rescue of the Department of Philosophy from the academic doldrums and the provision of fine new facilities for the School of Music. The faculty of Medicine supported both. In the latter decision, on music, the decisive votes were from me and from the leader of the school of Biological Science. You must have already guessed that the philosophers and the musicians were strong supporters of the Medical School when it, in its turn, was in difficulty.

There are two lessons here. First, of course medicine is important, but it is not the only important thing in life or in the university. Second, never ignore the advice of academic administrators! They are very able and knowledgeable people and they often know the best.

During those years in Manchester, I had the pleasure of presiding, every year, over the degree ceremony when new medical graduates were admitted to their degrees and thus to the profession of medicine. Every time, I had the awareness of a phenomenon that all of us, who have had the privilege of teaching medical students, have felt and I will use the words of Clint Eastwood to

describe this as “The good, the bad, and the ugly.” What do I mean?

Every medical school teacher knows that the top five or ten percent of students are fine – these are the “good” and they will do very well. What we mean by “doing well” I will return to, but I think you already know what I mean. We also know the “bad”, the five or ten per cent of students, who have struggled academically and who are now, I hope, over that last hurdle and have managed to convince the examiners that it is safe and right for them to graduate. What I say to that group is “well done – you passed” and I also say “carry on”. What little evidence we have shown that medical graduates who only just “make it” in their examinations do well in their careers and serve their patients and their community well and honourably. “Bad” is not “bad” for a whole career.

What about that “top five or ten percent of students” and in what way do they do well? I do not mean that they all become distinguished Professors of Medicine or make fortunes in private practice. They often work inconspicuously, as almost their entire colleagues do, serving their patients and the society in which they work.

I referred to “The good, the bad, and the ugly” and what do I mean by “ugly”? When I was the Dean, we were conscious of a small proportion of students who, while typically of acceptable academic ability, had features that might make them unsuitable to be doctors. They might have shown tendencies verging on the psychopathic: a failure to understand the feelings of others and to comprehend the morals and norms of society. There were examples of dishonesty. Some simply had little feeling or empathy for their patients or their colleagues. These were the “ugly”.

I am not talking about the normal, slightly wild behaviour, of youth, Shakespeare talks about:

I would there were no age between sixteen and three-and-twenty, or that youth would sleep out the rest; for there is nothing in the between but getting wenches with child, wronging the ancientry, stealing, fighting.

That is all normal, as are minor episodes of teenage folly, drunkenness, high spirits, and so on. What matters is what might be relevant to the ability, of a mature adult, to be a good doctor. Therefore, to understand and deal with this group – the “ugly” – we set up (thanks to the excellent ideas of the Faculty Secretary at the time) a “fitness to practice” committee. There are three features of that committee that are of interest:

- First, we looked at the students of all the professions – nursing, dentistry, pharmacy, and not just medicine. The issues in all those professions were much the same.
- Second, it needed careful judgement of what really mattered and what was a bad sign for the future – we allowed a student through who was guilty of credit card fraud, because of the circumstances around what she did (and we thought she had learnt the lesson and would never do it again), but we dismissed another, who had just made up some observations on an Intensive Care Unit chart. You cannot be allowed to write fiction in the patient’s record.
- Third, in every case, both the student and his or her teachers understood the reasons for any decision to exclude the student and when they accepted them.

When we look at the future for today’s medical graduates, what can we learn from history? I would like to tell you about a study, about 150 years ago, made by James Paget, of whom you know because he described Paget’s disease of bone. Paget worked at St Bartholomew’s Hospital in London and he examined the careers of one thousand of his students, looking to see what happened to

them in the first 15 years after completion of their medical qualification. It is said that he was inspired to make this study by hearing of a colleague who, on the first day of the medical course, looked at the students in the lecture theatre and said: "God help you all! What will become of you?"

Of Paget's thousand students:

- Only 23 achieved "distinguished success"
- Nearly 600 had considerable or fair success
- About 125 managed only "limited success"
- Nearly 150 "failed entirely" or left the profession
- Sadly, 130 died as students or soon after qualification

That is, more than one quarter failed as doctors, or died. The same question, asked today – "What will become of you (all)?" – would have a much happier answer. I know of no country in the world where there is 13 percent mortality in medical students and young doctors.

(However, the situation on death of young doctors is far from perfect. At the World Federation for Medical Education we support the campaign of the International Committee of the Red Cross on "Healthcare in Danger," which highlights the way in which doctors, medical students, and other healthcare workers are targeted and die in some war zones, such as in the Yemen, completely against the Geneva Conventions and the laws of war.)

To return to the subject of your future, I am sure we can expect that most of you will have "distinguished, considerable or at least fair" success, to use James Paget's terminology. You are fortunate to be living in an era, where the world is getting less poor and healthier. Economic prosperity is linked with good health and your country, India, is relatively prosperous. Two years

ago, the World Health Organization (WHO) and the International Labour Organization (ILO) published a joint report arguing that governments should put money into healthcare because it would make their economies grow; my own belief is that the lines of cause and effect may be the other way - make the economy strong and the people will be healthier. While saying that, we should remember that a very few rich countries have poor standards of public health, the United States of America being the prominent example and we should ask what has gone wrong there and why.

I mentioned the WFME and I should explain what it is and how I came to join it. WFME was founded jointly by the WHO and the World Medical Association, with the objective of improving the quality of medical education, world-wide. The Executive Council that guides its work is genuinely world-wide in its representation and our programs also extend to every region. The three main areas of work in recent years have been in the development and promulgation of standards for medical education; in maintenance and development (jointly with our American colleagues in FAIMER) of the World Directory of Medical Schools; and in accreditation of medical education and the evaluation and recognition of accreditation.

Of those three programs, the one that takes more of our effort than the others is an accreditation. To quote the definition we have on our website, accreditation is "To verify that medical schools are competent in the delivery of medical education and that medical education programs are suitable. This is to ensure that medical schools are educating doctors, fit to serve the needs of the population where they function." There is no point in running a medical school, if you do not verify that it is competent and is delivering a suitable program of medical education.

In this address, I have already referred many times to ethical or moral issues around the study and practice of medicine, rather than directly talking about the science and art of medicine itself. That is deliberate; there are plenty of fine doctors and medical scientists and experts in the social science of education as it is applied to medicine, but there may not be enough attention paid to the development and assessment of quality in medical education.

As you can tell, I was naturally attracted to an organization such as WFME, concerned with ethical, moral, and quality issues in medical education. So, I was attracted to WFME, but why did being the Dean of medicine at the University of Manchester lose its allure?

The answer is that we must all hope to work in an organization that has values we respect and after I had spent some years in Manchester, a new Vice Chancellor was appointed, whose principles were not my own. He valued research disproportionately over education, the income of the University became more important than its values and academic autonomy was devalued. He and I did not agree, and so I left to join WFME but to his credit, he supported and partially financed my move. Sadly, he died soon after, and his successor has restored the values that I respect in a university.

My emphasis on “values” throughout this address is deliberate. New graduates in medicine – and indeed new PhD graduates – are embarking on a career, where factual knowledge, practical skill, and the art of communication with patients and colleagues is essential. These are not enough. Medical practice also requires the highest standards in ethics, judgement, moral purpose, and respect for the law. The welfare of your patients must always come first. There can be no corruption, no dishonesty, and no bribery. Bad practice must be rooted out.

The organization and management of medical practice and education in any jurisdiction must also follow those high standards. Organization and management of medicine is the politics of medicine and although politics in general may be a murky process, the politics of medicine should strive to be above reproach. We cannot trust any regulatory body or professional organization in medicine that can be bribed; the welfare of patients will suffer.

That is a gloomy message, but it would be wrong to finish on a low note on such a positive day. To have a medical qualification is one of the greatest gifts possible. You will have careers that will sometimes cure, usually help, and always comfort your patients. You will have the chance to study and work almost anywhere in the world, and if you do go abroad, do not forget your alma mater, remember that your main duty is at home and return, when the time is right. Bring back the skills, knowledge, and values of the finest medical centres in the world.

You have the opportunity of the most varied and interesting of all careers. Take all your chances and I hope that your career in medicine will be as kind to you as my career has been to me.



Presentation of memento to the Chief Guest by the Pro Chancellor

Convocation Facts and Figures



Dr Vinod Thomas, Registrar Evaluation, MAHE, Manipal delivering the Facts and Figures

May 2018 Convocation			
Particulars	Convocation	Speed post/Absentia	Total
Undergraduates	353	235	588
Postgraduates	225	60	285
PhD	29	21	50
Total	607	316	923



Conferring the Degrees



PhD Awards

Sl no	Name	Institutions
1	Gururaja G M	MAHE Research Centres
2	Meeta Sunil	MAHE Research Centres
3	Santosh K Mayannavar	Kasturba Medical College, Mangalore
4	Somashekara H S	Kasturba Medical College, Mangalore
5	Arivudai Nambi P	Kasturba Medical College, Mangalore
6	Smitha Bhat	School of Life Sciences
7	Surekha B	Department of Atomic and Molecular Physics
8	Shubhalaxmi	Department of Sciences
9	Mahesha G T	Manipal Institute of Technology
10	Bhuvana Lashmi	School of Regenerative Medicine (SRM)
11	Gagan Bajaj	Kasturba Medical College, Mangalore
12	Mohan Kumar K	Kasturba Medical College, Mangalore
13	Jaseem T	Kasturba Medical College, Mangalore
14	Arjun B Y	Kasturba Medical College, Mangalore
15	Shejila C H	Manipal College of Nursing
16	Chonkar Ankita Deepak	Manipal College of Pharmaceutical Sciences
17	Rajalekshmi M	Manipal College of Pharmaceutical Sciences
18	Sabir Haque	School of Communication
19	Dr Swapna S	Kasturba Medical College, Manipal
20	Savita Jayaram	MAHE Research Centres
21	Manoj Kumar Gupta	MAHE Research Centres
22	Ankit Kailashchandra Sharma	MAHE Research Centres
23	Madankumar Ghatge	MAHE Research Centres
24	Sreelakshmi K S	MAHE Research Centres
25	Suganthi Martena Devadas	Kasturba Medical College, Manipal
26	Vignesh B S	Kasturba Medical College, Manipal
27	G Muralidhar Bairy	Manipal Institute of Technology
28	Pawan G Nayak	Manipal College of Pharmaceutical Sciences

Dr TMA Pai Gold Medal

Sl no	Name	Institutions
1.	Dr Chandana Acharya	KMC, Manipal
2.	Dr Ashwini M V	KMC, Mangalore

Administering Oath



**Oath to the graduating students was administered by
Dr Narayana Sabhahit, Registrar, MAHE, Manipal**

Common Oath by Graduates

“As a graduating student at MAHE,
I Shall follow the code of Scientific professional ethics,
Maintain integrity in research
Uphold the course of science
Respect the dignity of the human being
Endeavour to be objective in my judgement and
Strive for the enrichment of human values and thoughts”



Vote of Thanks



Dr Dilip G Naik, Dean Manipal College of Dental Sciences, Mangalore

Distinguished dignitaries on and off the dais, esteemed guests ladies and gentlemen, as the curtains are drawn on the 25th convocation, we owe the success of today's occasion to the helpfulness, participation, and encouragement in large measures from many and the simplest way to show our appreciation is to simply tell them.

So, I begin by expressing our deep gratitude to Dr David Gordon, President, World Federation for Medical Education. Sir, your gracious presence and scholarly convocation address added lustre to this important academic function. We sincerely thank you, Sir!

I keep on record our indebtedness to our respected Chancellor Dr Ramdas M Pai for his dynamic leadership, unstinted support and constant encouragement in all the activities of our University. Also, we are grateful to the first lady Mrs Vasanti R Pai for constantly supporting us in all our endeavours. I would also like to express our deep sense of appreciation to Dr Ranjan Pai, CEO of MEMG International for his constant

inputs and guidance. We also thank all the members of the Pai family for their support and presence here today.

Please permit me today to deviate from the standard protocol while thanking our guests. Dear graduates, it is your day! Thank you very much for your presence in large numbers. Special thanks to all their parents.

Permit me to mention our appreciation to Pro Chancellor, Dr H S Ballal who has been a constant source of support, a pillar of strength and for conducting this convocation in an impeccable manner.

We express our gratefulness to our Vice Chancellor, Dr H Vinod Bhat, for strengthening the academic and research activities of our University and presenting the Overview. We also thank, Dr Parvathi Bhat for her presence.

We offer our sincere thanks to Dr V Surendra Shetty, Pro Vice Chancellor for delivering the Welcome Address. We also thank Mrs Bharathi Shetty for her presence.

Special thanks to Dr Poornima Baliga, Pro Vice Chancellor (Health Sciences), Dr Thammaiah C S, Pro Vice Chancellor (Corporate Academia Engagement) and Dr PLNG Rao, Pro Vice Chancellor (Quality Assurance) for their presence.

Let me express my gratitude to our Registrar Dr Narayan Sabhahit for Administering the Oath. We also thank Dr Jayalakshmi Sabhahit for her presence.

I thank, Dr Vinod Thomas, Registrar-Evaluation for presenting the facts and figures of the graduates.

I thank Dr Geetha Maiya, Director, Student Affairs for presenting the recipients of gold medals.

I thank Dr Preetham Kumar, Deputy Registrar (Technical) for presenting the PhD scholars.

A special thanks to Dr M V Prabhu, Dean, KMC, Mangalore for introducing the Chief Guest.

We also recognize the presence of benefactors and well-wishers of Manipal and thank them for their presence today.

We are happy to express our gratitude to members of the Board of Management, Academic council, officials from Manipal Group of Institutions, associated hospitals and organizations both from India and abroad for their support in the university activities and their presence today.

I also wish to place on record our thanks and appreciation to all the Heads of Institutions, University officials, and faculty members for their support and presence.

All the members of press and electronic media richly deserve our special gratitude for their presence in this ceremony.

Special thanks to our Masters of Ceremony, Dr Ashwin Rai from KMC, Mangalore and Dr Karthik Shetty from, Manipal College of Dental Sciences, Mangalore.

We have been fortunate to have a team of motivated and dedicated colleagues of our University, who were responsible for the logistic support in conducting this event successfully. Thank you one and all.

Masters of Ceremonies



**Dr Karthik Shetty (MCOADS, Mangalore),
Dr Ashwin R Rai (KMC, Mangalore)**



