



MANIPAL
ACADEMY of HIGHER EDUCATION

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

28th e-Convocation 2020

20, 21 and 22 November 2020
KMC Greens, Manipal





MANIPAL
ACADEMY of HIGHER EDUCATION
(Institution of Eminence Deemed to be University)

cordially invites you to the

28th e-Convocation

DAY 1
Friday
November 20, 2020

DAY 2
Saturday
November 21, 2020

DAY 3
Sunday
November 22, 2020

3.00 pm

DAY 1

Chief Guest: **Dr C Raj Kumar**
Vice Chancellor
O.P. Jindal Global (Institution of Eminence Deemed to be University)
Sonapat, Haryana

DAY 2

Chief Guest: **Mr Suresh Narayanan**
Chairman & Managing Director
Nestle India Ltd., Gurgaon

DAY 3

Chief Guest: **Dr Peter J Katsufakis**
President & CEO
National Board of Medical Examiners (NBME), USA

Lt. Gen. (Dr) M. D. Venkatesh, VSM (Retd)
Vice Chancellor

Dr H S Ballal
Pro Chancellor

Dr Ramdas M Pai
Chancellor

PROGRAM SCHEDULE

DAY 1

November 20, 2020

- National Anthem
- Invocation – University Anthem
- Declaration to open Convocation
- Welcome Address
- Overview of MAHE
- Introduction of Chief Guest
- Convocation Address
- Facts and Figures about Graduates
- Conferring the Degree
- Administration of Oath
- Award of Gold Medal
- Award to PhD Scholars
- Presentation of Graduates
- Vote of Thanks
- National Anthem

DAY 2

November 21, 2020

- National Anthem
- Invocation – University Anthem
- Welcome Address
- Overview of MAHE
- Introduction of Chief Guest
- Convocation Address
- Facts and Figures about Graduates
- Conferring the Degree
- Administration of Oath
- Award of Gold Medal
- Award to PhD Scholars
- Presentation of Graduates
- Vote of Thanks
- National Anthem

DAY 3

November 22, 2020

- National Anthem
- Invocation – University Anthem
- Welcome Address
- Overview of MAHE
- Introduction of Chief Guest
- Convocation Address
- Facts and Figures about Graduates
- Conferring the Degree
- Administration of Oath
- Award of Gold Medal
- Award to PhD Scholars
- Presentation of Graduates
- Vote of Thanks
- Declaration to close Convocation
- National Anthem

Note:
For live webcast, please visit <https://www.manipal.edu>

CONTENTS**PAGE No**

National Anthem	-
Invocation – University Anthem	4
Declaration to open Convocation	5
Welcome Address	6
Overview of MAHE	8
Introduction of Chief Guest	21
Convocation Address	22
Facts and Figures about Graduates	28
Conferring the Degree	29
Administration of Oath	29
Award of Gold Medal	29
Award to PhD Scholars	30
Presentation of Graduates	30
Vote of Thanks	38
National Anthem	-

The convocation began with National Anthem and University anthem



UNIVERSITY ANTHEM



ओम्
ओम्
ओम्

शान्ता द्यौः शान्ता पृथिवी शान्तमिदमुर्वन्तरिक्षम् ।
शान्ता उदन्वतीरापः शान्ता नः सन्त्वोषधीः ॥

शान्तानि पूर्वरूपाणि शान्तं नो अस्तु कृताकृतम् ।
शान्तं भूतञ्च भव्यञ्च सर्वमेव शमस्तु नः ॥

इयं या परमेष्ठिः वाग्देवी ब्रह्म संशिता ।
ययैव ससृजे घोरं तयैव शान्तिरस्तु नः ॥

इदं यत्परमेष्ठिनं मनोवाङ्ब्रह्मसंशितम् ।
येनैव ससृजे घोरं तेनैव शान्तिरस्तु नः ॥

इमानि यानि पञ्चेन्द्रियाणि मनः षष्ठानि मे हृदिः
ब्रह्मणा संशितानि ।

यैरेव ससृजे घोरं तैरेव शान्तिरस्तु नः ॥

DR H S BALLAL, PRO CHANCELLOR, MAHE
DECLARES THE CONVOCATION OPEN



WELCOME ADDRESS



Dr P L N G Rao, Pro Vice-Chancellor - Health Sciences, MAHE delivering the welcome address

Chief Guest of the evening - Dr C Raj Kumar, Vice Chancellor, O P Jindal Global (Institution of Eminence, Deemed To Be University); Mrs Vasanti R Pai, Trustee, MAHE; Pro Chancellor Dr H S Ballal; Vice Chancellor Lt Gen (Dr) M D Venkatesh; Pro Vice Chancellors Dr Dilip Naik and Dr C G Thammaiah; Registrar Dr Narayana Sabhahit; Registrar Evaluation Dr Vinod Thomas; Director Student Affairs Dr Geetha Maiya; Heads of Constituent Units of MAHE, Trustees of MAHE, Members of the Board of Management, Administrators, Faculty Members, Members of the Press and Electronic media, distinguished invitees, parents, graduates, ladies and gentlemen

A very good evening to you all.

I have great pleasure in extending a hearty welcome to all of you, who have responded to our invitation to attend this joyous ceremony.

The present pandemic has disrupted the normal life and activities globally. We are going through the unprecedented difficult days.

It also provides opportunities for innovation. Our University, students and faculty have always demonstrated a resiliency in the face of adversity. Through this virtual programme, we continue the tradition of having the convocation.

Convocation is a momentous occasion for students and teachers alike. It is a special day in the academic life of students as, after years of hard work and dedication, they get their educational degrees. MAHE stands in its glory here today, because of the visionary Dr T M A Pai, who was the founder of the Manipal group of institutions. Dr Ramdas M Pai followed his father's footsteps and converted a local University into a global educational town of great status. Dr Ranjan Pai, President MAHE Trust and Chairman MEMG, is providing the necessary impetus to take MAHE to further heights of glory.

The core values of the Manipal Academy of Higher Education, such as excellence, leadership, professionalism, ethics, and respect for diversity have ensured that Manipal remains as one of the most favoured destinations for students.

Let me start by congratulating all graduates and wish them success in their future endeavours. We are here today to celebrate your achievements.

On this occasion, we are fortunate to have Dr C Raj Kumar, Vice Chancellor, O P Jindal Global, an Institute of Eminence Deemed To Be University as our chief guest. Professor Kumar is an accomplished

legal scholar and works in the fields of human rights and development comparative constitutional law, terrorism and national security, corruption and governance, law and disaster management, legal education and higher education. Professor Kumar has academic qualifications from the Oxford and Harvard Universities. Professor Kumar is one of the youngest to become Vice Chancellor at the age of 39. On behalf of MAHE, we are deeply appreciative and offer our most cordial and cheerful welcome to you sir and look forward to your address.

We are elated to have the First Lady of MAHE, and member of MAHE trust, Mrs Vasanti R Pai. Madam, we are indebted to you for your unstinted support and constant encouragement in all our activities. A cordial welcome to you, Madam.

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 a pivotal role in our University to be recognized as one of the leading educational institutions in the country. My hearty welcome to you Sir!

It gives me great pleasure to welcome our Vice Chancellor Lt Gen (Dr) M D Venkatesh, who is actively enabling the development of this University, with his vast and rich experience. I extend a pleasant welcome to you, Sir!

I am delighted to welcome the Pro Vice Chancellors- Dr Dilip Naik, and Dr C S Thammaiah and Registrar Dr Narayana Sabhahit.

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

I also welcome all the Former Vice Chancellors of MAHE.

The well-knit Manipal team, consisting of Heads of constituent institutions, faculty members, officers of the University and the supporting staff, who have played a dynamic role in carrying forward the vision of MAHE. A hearty welcome to all.

The members of the press and the media have been projecting to the public our message, showcasing the transparency and integrity of MAHE. A hearty welcome to all of them who have responded to our invitation.

It is a great day for the parents of graduates and postgraduates, who are receiving their degrees today. I extend a warm welcome to all of you on this joyous occasion.

Last, but not least, the most important people of this convocation are the graduates, the postgraduates and the postdoctoral fellows who are eager to receive their degrees today.

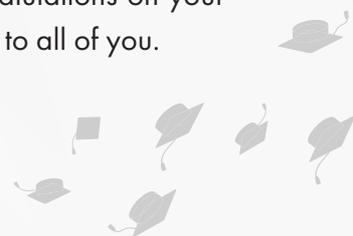
Dear Graduates, while the successful completion of your course, is a matter of pride and joy, it is just a stepping-stone to the challenges that lie ahead of you, in the future. The change being driven by path-breaking research is both exhilarating and mesmerizing. However, empathy and sympathy towards the predicament of the disadvantaged, in our society should be your prime focus.

"Intellectual growth should commence at birth and cease only at death." - Albert Einstein

- "Be a lifelong learner".
- Be connected to your alma mater.
- Live by our motto "INSPIRED BY LIFE".

Ladies and gentlemen, once again I extend a gracious welcome to all of you on this occasion. Once again, my heartiest congratulations on your success and the very best wishes to all of you.

Thank you!



OVERVIEW OF THE UNIVERSITY



**Lt Gen (Dr) M D Venkatesh, Vice Chancellor, MAHE
presenting an overview of the University.**

Chief Guest for the 28th Convocation of Manipal Academy of Higher Education, Dr. C Raj Kumar, Vice Chancellor, OP Jindal Global (Institution of Eminence Deemed to be University), Sonipat, Haryana, Trustee of MAHE Trust Mrs. Vasanti R Pai, Pro Chancellor Dr. H. S. Ballal, Pro Vice Chancellors Dr. PLNG Rao, Dr. Thammaiah and Dr. Dilip Naik, Registrar Dr. Narayan Sabhahit, Registrar Evaluation Dr. Vinod V Thomas, Director Centre for Doctoral Studies Dr. Shyamala Hande, Director Student Affairs Dr. Geetha Maiya, Heads of Constituent Units of MAHE, Members of MAHE Trust, members of the Board of Management & Academic Council, administrators, faculty, distinguished invitees, online audience, parents and my dear students.

It is my pleasure to take you through the annual report of the University for the period November 2019 to October 2020.

Founder and Builder of Manipal



The man who conceived and created Manipal, Dr. Tonse Madhava Ananth 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.

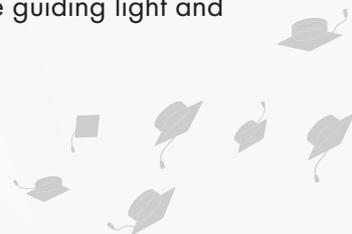
Padma Shri Awardee
Dr. Tonse Madhav Ananth Pai
Founder

The Rise of Manipal



Mrs. Vasanthi R Pai and Dr. Ramdas M Pai
Chancellor
Manipal Academy of Higher Education

His illustrious son, Dr. Ramdas M Pai made Manipal an international University township and also took Indian Higher Education overseas for the first time. His unwavering practice of "Integrity at any cost" has been the bedrock on which today's Manipal has been built. Dr Pai continues to be the guiding light and inspiration for all of us.



MAHE Awards / Ranking - 2020

MANIPAL
ACADEMY OF HIGHER EDUCATION
Institution of Eminence Declared by the Government of India

MAHE AWARDS / RANKING - 2020

JULY 9, 2018 – MHRD, GOVT OF INDIA RECOGNIZES MAHE AS AN "INSTITUTION OF EMINENCE"

NAAC NAAC Reaccreditation 'A' GRADE SCORE OF 3.30 CGPA	THE WUR 2021 1001+	THE ASIA THE ALUR 2020 401+	Overall – 419 Research – 458 Teaching – 414
ISO 9001:2015 Certification ISO 14001: 2015 CERTIFICATION ISO 27001: 2018 CERTIFICATION	THE ASIA THE Emerging Economies 351-400	THE ASIA THE Emerging Economies 351-400	Overall – 301-400 500 Good Health and Wellbeing 66 500 Responsible Consumption and Production 103-200 500 Quality Education: 201 – 300 500 Incl. Soc. & Infra: 100-200 500 Partnership for the Goals: 401 – 600
QS World 2021 751 – 800	THE YOUNG UNIV THE Young Univ Rank 2020 351-400	THE YOUNG UNIV THE Young Univ Rank 2020 351-400	8 – University category (2020) 14 – Overall (2020)
QS Asia 2020 239	Band A (Rank 6-25) under Self finance / Pvt. Institutions	Band A (Rank 6-25) under Self finance / Pvt. Institutions	
Pharmacy : 151 - 200 Medical : 351 - 400 Bio Science : 551 - 600	Rank 2020 4 in top 75 universities 2 in top 50 deemed universities	Rank 2020 4 in top 75 universities 2 in top 50 deemed universities	
QS India Rank 2020 – 26	No. 1 Pvt. Univ.	No. 1 Pvt. Univ.	
Rank 2020 4 in top 75 universities 2 in top 50 deemed universities	No. 1 Pvt. Univ.	No. 1 Pvt. Univ.	
THE WEEK	No. 1 Pvt. Univ.	No. 1 Pvt. Univ.	

Recently, with the signing of an MoU between Manipal Academy of Higher Education, Manipal and Ministry of Education, Govt. of India, MAHE has been formally declared as "Institution of Eminence". We thank ministry of education for this honour. In NIRF – MAHE Moved up from 9th Position to 8th Position in University level and 16th position to 14th Position under Overall category. Many of our institutions are ranked among the top 10 in their respective category.

Kasturba Medical College, Manipal

MANIPAL
ACADEMY OF HIGHER EDUCATION
Institution of Eminence Declared by the Government of India

Rankings

- NIRF - 9th in All in Ranking

Important events

- PET CT scan installed in cancer block

Notable Achievements of the institution

- Rare blood group donor registry initiated by IHBT department

New Developments/Collaborations/Patents/Grants/Papers

- Patent - Dr. Zeeshan Hameed
- Total grants - INR 3.52 Cr.

Any Awards and Recognition

- Dr. Poorvaprabha Patil, Intern - elected as the president of Medical Students Association of India
- Dr. Dattatreya Sitaram, PG in Orthopaedics - bagged 2 International awards at UNLEASH 2019, Shenzhen

Inception	: 1953
Programs	: 66
Students on roll	: 1826
Teaching staff	: 506
Associate staff	: 231

Dr. Sharath Kumar Rao
Dean



KMC, MANIPAL



Dr. Zelpha D'Souza



PET CT scan



Dr. Zeeshan Hameed



Dr. Dattatreya



Dr. Poorvaprabha

Kasturba Medical College, the flagship institute of the University, continues to be in the top ten Medical Schools of the country for the 17th year in a row. Kasturba Hospital, Manipal installed the PET CT scan in the Shirdi Sai Baba Cancer Hospital block. Department of Immunohematology and Blood Transfusion initiated the project of screening the blood donors for rare blood group phenotypes in 2018 and Regional Rare Blood Donor registry was launched in October 2020. Currently, it has recognized 26 rare blood phenotypes and 40 donors with these rare phenotypes in the registry.

Kasturba Medical College, Mangalore

MANIPAL
ACADEMY OF HIGHER EDUCATION
Institution of Eminence Declared by the Government of India

Rankings

- NIRF: 21, Careers 360: 4th (Pvt. Medical College)
- Week Hansa: 24, Outlook: 6th (Pvt. Medical College)

New Developments/Collaborations/Patents/Grants/Papers

- "Dhwani"- Newborn Hearing Assessment Centre - MAHE - Mrs. Shanti Pal Family Endowment
- Launched Durga Sanjeevani Manipal Hospital at Kateel

Any Awards and Recognition

- Dr. Viveka S Reddy & Dr. Soundarya M. from the Dept. of Pediatrics won the MIT COVID - 19 Challenge - India Turning the tide - Virtual Hackathon "Developing new ways to deliver care in COVID 19 and post COVID 19 World"

Inception	: 1955
Programs	: 39
Students on roll	: 2017
Teaching staff	: 422
Associate staff	: 333

Dr. M. Venkatraya Prabhu
Dean



KMC, Mangalore



Dr. Soundarya M



"Dhwani"- Newborn Hearing Assessment Centre



Dr. Viveka S Reddy



DSM Hospital, Kateel

KMC, Mangalore is the finest example of Public Private Partnership in medical education and patient care. It is the first College in the country to be established under public private partnership model. It is also the Medical College having maximum number of ICMR-short term studentships in the entire country. Under KMC Mangalore, there are 4 hospitals supported by state-of-the-art infrastructure.

Manipal Institute of Technology

MANIPAL
ACADEMY OF HIGHER EDUCATION
Institution of Eminence Declared by the Government of India

Rankings

- Among top 1% technical Institutes in the Country (NIRF: 45)

Important events

- Golden Jubilee celebrations of Chemical Engineering

Notable Achievements of the institution

- Manipal Student Team Wins MIT, Boston Covid-19 Challenge
- Pediatric App Wins Stanford's Health++ Hackathon
- AeroMIT bags 1st place in SAE Aero held at Florida, USA

New Developments/Collaborations/Patents/Grants/Papers

- Patents filed: 10; INR 150.79L grant amount
- 208 collaborative publications (89 International)
- 577 SCI Publications

Awards and Recognition

- Dr. Karunakar A Kotegar is nominated to M'lore University Syndicate by the Hon. GoK for 3 yrs & Board Member & Secretary of the IACSTE
- Dr. Narayana Shenoy has been identified as member of expert appraisal committee ministry of EP&CC, GoI
- Dept. of Mechatronics receives 6 yrs of NBA accreditation

Inception	: 1957
Programs	: 47
Students on roll	: 9005
Teaching staff	: 646
Associate staff	: 824

Dr. D Srikanth Rao
Director



MIT Manipal



**Golden Jubilee Celebration
Department of Chemical Engineering**



**Dept. of Civil Engineering
joins hands with NHA**



**Pediatric App Wins Stanford's
Health++ Hackathon**



**Team MIT had its role in fight
against Covid 19**

Manipal Institute of Technology (MIT) is the largest constituent unit of MAHE and the rising star of the University in its research output. A crew of three students has emerged victorious in the Massachusetts Institute of Technology COVID-19 challenge-'Beat the Pandemic'. The Pedi-Pod app, designed and developed by the students of third year, received first place in Stanford's Health++ Hackathon held at Huang School of Engineering, Stanford University. AEROMIT, student project team bagged first place in SAE Aero Design - Technical Presentation, held at Florida, USA.

Manipal College of Pharmaceutical Sciences



- Rankings**
 - QS World Rankings between 151 and 200 range (Pharmacy and Pharmacology)
 - NIRF rank @ No.7
- Important events**
 - 5th International Conference on Clinical Pharmacy (CPCON-2020)
 - One Day Anti-Doping Awareness Programme for Physical Education Teachers of Schools in Udipi District
 - AICTE sponsored STTP and QIP
- New Developments/Collaborations/Patents/Grants/Papers**
 - Patents' status in 2019: Filed: 1; Published: 1; Granted: 1
 - Publications' details in 2019: Published: 156, Average Impact Factor: 1.45, h-index: 65
- Any Awards and Recognition**
 - Dr. Krishnamurthy Bhat, Professor, Dept. of Pharmaceutical Quality Assurance, successfully executed the 39th Indian Scientific Expedition to Antarctica.
 - Ms. Pooja Gopal Pojary, Research Scholar, secured 1st Place for the Oral Presentation in online International Conference on Recent Advances in Child Psychiatry



Dr. C. Mallikarjuna Rao
Principal

Inception	: 1963
Programs	: 15
Students on roll	: 993
Teaching staff	: 67
Associate staff	: 63



With its robust infrastructure and dedicated faculty, Manipal College of Pharmaceutical Sciences provides a unique ambience for pursuing top-notch education in pharmaceutical sciences. MCOPS, one of the research hubs of MAHE, secured h-index more than 65 for the research publications and secured a position in the band of 151-200 in the QS World University rankings in the subject Pharmacy & Pharmacology in 2020.

Manipal College of Dental Sciences, Manipal



- Rankings**
 - NIRF - Ranked 2nd among all Dental Colleges in India
- Notable Achievements of the institution**
 - 14 CPDs, 43 Guest Lectures, 10 Workshops
 - 38 Webinars, 37 Collaborative projects
- New Developments/Collaborations/Patents/Grants/Papers**
 - 129 Publications
 - 10 Patent applications; 2 granted
- Any Awards and Recognition**
 - 8 Faculty Awards, 25 Student Awards



Dr. Keerthilatha M Pal
Dean

Inception	: 1965
Programs	: 08
Students on roll	: 603
Teaching staff	: 85
Associate staff	: 121



Established in the year 1965, Manipal College of Dental Sciences, Manipal has produced over 5500 oral health care professionals who are placed in different parts of the world. MCODS Manipal has been ranked as number 1 Dental College in the private sector in India for more than 10 consecutive years and this year, NIRF has ranked the institute as the second among all the dental Colleges in India.

Welcomgroup Graduate School of Hotel Administration



- Rankings**
 - #26 in World Ranking by CEOWORLD Magazine
 - #1 by GHRDC, #2 THE WEEK, OUTLOOK, INDIA TODAY
- Important events**
 - TIPS (Teacher Industry Parents Students) Program
 - FAST (Faculty Assisted Student Training) Program
 - Wine Appreciation and Education Training (WEAT)
- Notable Achievements of the institution**
 - FSSAI Certification
 - International Collaborations with International Sommetier Guild - USA, City and Guilds - UK, INTRECCI-Italy, Campus Etoile Academy-Italy, etc.
- New Developments/Collaborations/Patents/Grants/Papers**
 - Accreditation by World Association of Chefs' Societies
 - Accreditation by India International Skill Centre (IISC)
 - Funded project by IMPRESS: ICSSR, New Delhi, Govt. of India
 - 21 Research Publications; 7 International Research Collaborations
- Any Awards and Recognition**
 - Limca Book of Records for First Living Culinary Museum in India



Chef K. Thiruganasambantham
Principal

Inception	: 1986
Programs	: 05
Students on roll	: 1270
Teaching staff	: 44
Associate staff	: 105



Welcomgroup Graduate School of Hotel Administration has been recently ranked the 26th best hospitality school in the world by CEO World. WGSMA has been certified by Food Safety and Standards Authority of India, as a licensed food business operator. Student and Faculty Mobility Program undertaken in association with National Council of Hotel Management and Catering Technology under Ministry of Tourism, Government of India. To strengthen our students' skill sets, the college has created a student-run restaurant 'Classic Café, a student-run pastry shop 'Ministry of Bakery' (MOB), and a Gourmet Store of food products in campus.

Manipal College of Dental Sciences, Mangalore



- Rankings**
 - NIRF - 6th in All India Rankings
 - The Week & Outlook - 7th in All India Rankings
 - India Today - 11th in All India Rankings
- Important events**
 - 15 CPDs, 14 workshops, 11 guest lectures, 1 Conference
- Notable Achievements of the institution**
 - CAD CAM Machine, 3D Printer and High End Surgical Microscopes for Patient care and treatment
- New Developments/Collaborations/Patents/Grants/Papers**
 - Curriculum Conclave: Outcome Based Education for BDS
 - MoU's signed with University of Tokushima, Japan and Turku University, Finland
- Any Awards and Recognition**
 - Gold and Silver Medal Instituted by alumni



Dr. Ashita Upoor
Dean

Inception	: 1987
Programs	: 18
Students on roll	: 470
Teaching staff	: 75
Associate staff	: 136



In the first ever ranking by NIRF, Manipal College of Dental sciences, Mangalore was placed 6th in the country. MCODS, Mangalore organized the second undergraduate student research conference and this is the only Dental college in India which organizes such an event. As part of the internationalization two MoU's were signed with universities of Japan and Finland.

Manipal College of Nursing, Manipal

- Ranking**
 - Ranked Top 3rd College of Nursing in India (The Week)
- Important events**
 - Campaign on prevention of drug abuse for college students funded by Government of India
 - International virtual seminar series on "Impact of COVID-19 pandemic & strategies for mitigation"
- Notable achievements of the institution**
 - Launched centre for IELTS training
 - Commenced SPARC grant funded by M.H.R.D., Gov.
- New developments & collaborations**
 - Outcome Based Education & Competency Based Evaluation
 - Certificate course on "Pediatric Critical Care Nursing"
- Grants / Awards / Papers**
 - Ongoing funded projects: 11, Publications (Scopus Indexed): 40
 - Winners for the "World Breastfeeding week celebration", 2020 organized by Breastfeeding Promotion Network of India (BPNI)



Dr. Anice George
Dean

Inception	: 1990
Programs	: 13
Students on roll	: 492
Teaching staff	: 52
Associate staff	: 18



Manipal College of Nursing is ranked number 3 among more than 1600 nursing Colleges in India. MCON, Public Health Evidence South Asia and Prasanna School of Public Health, received the prestigious Scheme for Promotion of Academic and Researcher Collaboration (SPARC) grant. The project aims at capacity building in evidence synthesis, incorporating the latest developments in systematic reviews including automation and machine learning to equip researchers from India.

International Centre for Applied Sciences (ICAS)

- Important events**
 - Profile Building/Career Guidance Workshops conducted by Planet Education, Bengaluru in January 2020
- Notable Achievements of the institution**
 - Deakin University, Australia starting Dedicated Pathway Program in Engineering at ICAS from AY2020
- New Developments/Collaborations/ Patents/Grants/Papers**
 - Delegation from Macquarie University, Sydney visited and signed articulation agreement with ICAS in November 2019
- Any Awards and Recognition**
 - University of New South Wales (UNSW), Australia recognized ICAS for Strategic Partnership through International First Year (IFY) program



Dr. Radhakrishna S Aithal
Director

Inception	: 1994
Programs	: 01
Students on roll	: 150
Teaching staff	: 09
Associate staff	: 07



International Centre for Applied Sciences, celebrated its silver jubilee last year, successfully places eligible students in programs in the US, UK, France and Australia. ICAS works with over 30 international partners and will be developing a unique transfer pathway for students going to Australia.

Manipal Institute of Communication

- Rankings**
 - Outlook - 1st; India Today - 6th; Week - 6th
- Important events: Speakers at Article-19, 2020**
 - Ms. Shweta Kothari, Managing Director of The Logical Indian
 - Mr. Devanshu Kumar and Mr. Satyanshu Singh, Award-winning director duo
- Notable Achievements of the institution**
 - A Dual-Degree Masters in communication Program with Deakin University, Australia.
 - MOU signed with Media and Entertainment Skill to introduce vocational courses.
- New Developments/Collaborations/ Patents/Grants/Papers**
 - Centre for Film Studies
 - Centre for Creative Enhancement
- Any Awards and Recognition**
 - Mr. Shreeraj Gudi, Asst. Prof. has been appointed as member of the Karnataka Chalanachitra Academy, Bengaluru



Dr. Padma Rani
Director

Inception	: 1997
Programs	: 09
Students on roll	: 610
Teaching staff	: 21
Associate staff	: 28



Manipal Institute of Communication is rapidly transforming from being a teaching institution to one that is deeply engaged in research. The institute is attracting many students around the globe and it offers exchange opportunities for its students as well. A strong curriculum, expert faculty and contemporary infrastructure are the bedrock of this institution.

Melaka Manipal Medical College

- Rankings**
 - 5 year Malaysian Qualifying Agency Accreditation
- Important events**
 - Village Health Education Program on 'Say "NO" to single use plastics
 - Donation and Health Awareness Programme at "Vishwasdamane", a Social Health Rehabilitation center
 - Awareness program on Personal Hygiene, Handwashing & Creating best out of waste materials
- New Developments/Collaborations/ Patents/Grants/Papers**
 - Grants: Applied - Rs. 14.44 Cr, Sanctioned - Rs. 3.04 Cr
 - Papers - 65
- Any Awards and Recognition**
 - Fellowship of the Royal College of Physicians (FRCP) Edinburgh, UK



Dr. Ullas Kamath
Dean

Inception	: 1997
Programs	: 02
Students on roll	: 587
Teaching staff	: 122
Associate staff	: 22



The medical and dental programs of Melaka Manipal Medical College are conducted in the twin campuses at Manipal and Melaka. It follows six strand, system based, integrated curriculum with unique and innovative focus on student centered learning. Dr. Shashikiran, Professor & Head department of Medicine, MMMC has received Fellowship of the Royal College of Physicians (FRCP) Edinburgh, UK.

Manipal School of Information Sciences



Important events

- 3 days Learn-by-Doing workshop on "Blockchain Technology"
- 3 Days Learn-by-Doing workshop on "Application Development for Internet of Things (IoT) and Cloud"
- Notable Achievements of the institution**
 - Started New Program - ME (Machine Learning) & ME (Blockchain Technologies)
- New Developments/Collaborations/Patents/Grants/Papers**
 - Scopus Indexed Journals - 12
- Any Awards and Recognition**
 - Mr. Nandish S, Faculty, MSIS has been appointment as mentor for 'GOAL Program' - Ministry of Tribal Affairs



Prof. Ramashresha C S
Incharge Director

Inception	: 1998
Programs	: 11
Students on roll	: 448
Teaching staff	: 26
Associate staff	: 09



MSIS Manipal



Sports with Foreign Students



Learn-by-Doing Workshop



Orientation Program of New Batch of Foreign Students



Group Photo of Foreign Students

School of Information Sciences conducts post-graduate programs in the latest technologies like Data Science, Machine Learning, Cloud Computing, Internet of Things, Semiconductor Chip Design, Embedded Systems and Healthcare IT needed in industries. All programs of the institute are industry supported. The institution also runs collaborative post graduate degree & study abroad programs with universities in Europe and USA.

Manipal College of Health Professions



• Largest Health Professional Institution in India

Important events

- 4th Annual national conference - NMPAICON
- MCHP Alumni reunion held on Jan 2020
- Notable Achievements of the institution**
 - Two new UG honors programs: Psychology | Sports & Exercise Sciences
 - 52 full-time Scholars pursuing PhD at MCHP
- New Developments/Collaborations/Patents/Grants/Papers**
 - MoU with McGill School of Physical and Occupational Therapy, Canada.
 - 105 Publications- 300% increase in Q1 & Q2 Scopus Journals
 - Obtained prestigious UKARI- GCRF grant worth INR 27.2 million in collaboration with University of Oxford
- Any Awards and Recognition**
 - Dr Arun G Maiya, has been selected into Expert Advisory Group of DST, Govt



Dr. Arun G Maiya
Dean

Inception	: 1999
Programs	: 53
Students on roll	: 2249
Teaching staff	: 179
Associate staff	: 35



MCHP



Alumni reunion



NMPAICON 2020



Dr. Laurie Snider, Canada



Manipal College of Health Professions 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. The institute has the highest number of full-time PhD Scholars among Health Professional institutions in India. MCHP entered into a MoU with McGill School of Physical and Occupational Therapy, Canada for academic and research collaboration.

Manipal Institute of Management



Rankings

- NIRF Ranking Management Category: In the band of 76-100

Important events

- Organized Immersion Program on "Exploring Business Landscape in India" for MBA students of Hochschule Bremen University, Germany.
- Jointly organized International Conference on "Opportunities and Challenges in Business Management (OCBM 2020)" at MAHE Dubai Campus.

Notable Achievements of the institution

- 53 research articles in Journals @ 2.65 articles per faculty member

New Developments/Collaborations/Patents/Grants/Papers

- Started new Online MBA Program
- Started new Program 'Integrated Program in Management' with DOC

Any Awards and Recognition

- Won 2nd HR Consultation Project from Yenepoya Hospitals
- Students have won Overall Championship in Elixir 2020, the National Level Management Fest conducted by AJ Institute of Management.



Dr. Raveendranath Nayak
Director

Inception	: 1999
Programs	: 05
Students on roll	: 376
Teaching staff	: 21
Associate staff	: 13



MIM Manipal



OCBM 2020



Eminent visitors



NIRF Ranking



Elixir 2020

Manipal institute of Management & Centre for Online Education have jointly introduced online MBA program in July 2020. MAHE has signed an agreement with Ministry of External Affairs, Govt. of India & Telecommunications Consultants India Ltd. to offer online MBA program to African students via e-VidyaBharati Scholarship Project. MIM has also started a new signature program on 5 year 'Integrated Program in Management' with Department of commerce.

MAHE, Dubai Campus



Ranking

- 5 Star Rating as per KHDA's HECRF Rating System
- Secured Highest Overall Rating Score of 836 amongst all participating institutions

Important events

- Conducted the first virtual Orientation for Freshmen
- Launched first virtual cultural festival 'MAHE Dubai Unplugged'

Notable Achievements of the institution

- Exhibition & Opening of Book Publication at Al Mahatta Museum jointly with Sharjah Museum Authority, Govt. of Sharjah, UAE

New Developments/Collaborations/Patents/Grants/Papers

- 13 MoUs with Universities & Industry partners
- 1 Patent granted; 49 research publications

Any Awards and Recognition

- 'Best Green Campus Audit 2018-2019' for the fourth consecutive year by Environment Agency Abu Dhabi and Borogue



Dr. Jason Fitzsimmons
Academic President

Inception	: 2000
Programs	: 50
Students on roll	: 2200
Teaching staff	: 70
Associate staff	: 51



MAHE Dubai Campus



Eminent visitors



Exhibition & Opening of Book Publication



5 Star Rating



Awards/fellowship

MAHE Dubai is the best known of Indian Universities in Dubai International Academic City. MAHE Dubai campus has received 5 Star Rating as per KHDA's Higher Education Classification Rating Framework (HECRF) Rating System securing the Highest Overall Rating Score amongst all participating institutions. We have recently added two student hostels for on campus housing. With the commencement of PhD programs, research is being encouraged and revitalised.

Manipal School of Life Sciences

- Rankings**
 - #3 'Emerging Colleges of this century' India Today 2020
- Important events**
 - International Conference on Genome Instability
 - DAILAB Webinars: 05, Alumni Lectures: 04
- Notable Achievements of the institution**
 - Started new MSc (Genome Engineering) program
- New Developments/Collaborations/Patents/Grants/Papers**
 - Ongoing research grants: 30
 - Publications: 55, Patents awarded: 02
 - External Fellowships: 21, MoUs signed: 08
- Any Awards and Recognition**
 - Research awards for PhD students: 02
 - NABL accreditation for 3 diagnostic laboratories



Dr. K Satyamoorthy
Director

Inception	: 2002
Programs	: 09
Students on roll	: 365
Teaching staff	: 25
Associate staff	: 31



Manipal School of Life Sciences is the pioneering research hub of the university and was ranked as #3 among the 'Emerging Colleges of this century' in 2020, while also being in the top 40 private science colleges in the country. Faculties have obtained new grants to pursue research on cancers, neurological disorders, diabetes, cardiovascular diseases, optics and lasers. The School also received NABL accreditation for its three diagnostic laboratories that perform high-end diagnostic tests for the public as a not-for-profit service.

Manipal Institute of Regenerative Medicine, Bangalore

- Important events**
 - Celebration of National Science Day
 - Seminars by Eminent Guest Speakers - 4; Webinars - 2
- Notable Achievements of the institution**
 - DST FIST Grant for Research Infrastructure Support from Govt
- New Developments/Collaborations/Patents/Grants/Papers**
 - Shared Resource Laboratory proposed to DBT, GOI
 - Collaborations with:
 - Neuberg Anand Academy of Lab Medicine Pvt. Ltd., Bangalore
 - National Centre for Biological Sciences, Bangalore
 - National University of Singapore; IIT, Mumbai; King Abdul Aziz University, Saudi Arabia
 - Ongoing Projects - 13; Research Publication Papers - 16
- Any Awards and Recognition**
 - Conference Travel Awards for faculty members - 3
 - Conference Awards for PhD Scholars - 2



Dr. Gopal Pandey
Dean

Inception	: 2007
Programs	: 04
Students on roll	: 57
Teaching staff	: 11
Associate staff	: 16



Manipal Institute of Regenerative Medicine, Bangalore works exclusively in the field of Stem Cells and Regenerative Biology and Medicine. The Faculty at MIRM have published several papers in high impact journals during the year. Also during the year the Institute was awarded the DST-FIST Grant for Research Infrastructure Support from the Department of Science and Technology, Govt. of India.

Manipal Academy of Banking

- Rankings**
 - India's Largest BFSI training academy
- Important events**
 - Launch of HDFC Future Bankers Program with HDFC Bank
 - Program delivery at Sri Lanka for Hatton National Bank
 - 50th Batch of ICICI Manipal Program
 - Launch of Learning stack - a repository of e-Learning content
- Notable Achievements of the institution**
 - Crossed the 1,50,000 mark in terms of learner numbers
- New Developments/Collaborations/Patents/Grants/Papers**
 - Virtual Learning programs across banking domain areas - MSME credit, NRI Services, Branch Management, Customer service, Sales etc.
 - Over 18,000 Learners trained through VLE since lockdown
 - Over 50,000 learners trained in digital mode
 - New partnerships/ programs for LIC, Punjab Sindh Bank, Union Bank of India, Star Health Insurance



Dr. C S Thammaiah
Pro Vice Chancellor MAHE BC & Director MAB



Inception	: 2008
Programs	: 50+
Students on roll	: 8756-
Teaching staff	: 220-
Associate staff	: 110



Manipal Academy of Banking 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. MAB has been awarded with ET NOW Business Leader of the Year Award under the category of 'Best Institute in Banking and Finance'.

Manipal School of Architecture and Planning

- Rankings**
 - NIRF-All India Rankings 2020 - 12th Rank
 - THE WEEK-HANSA - 13th Rank in Fashion Technology Colleges All India
- Important events**
 - Lighting design Workshops in association with IALD, India
 - International Conference SHAAPED 2020 (Studies in Habitat with Academic Alliance in Planning Environment and Design)
- New Developments/Collaborations/Patents/Grants/Papers**
 - Prof. Sanghamitra Roy & Dr. Veena Rao awarded research grant of Rs.10 Lakhs each for the research projects under MAHE-UNSW collaborative research & funding scheme.
 - Started 2 New M. Des programmes - (Sustainable Design) and (Interior Design)
- Any Awards and Recognition**
 - Ms. Dhanya Suresh and Mr. Haim Cyclewala, 5th year, B. Arch - Secured 2nd place in an Intn. competition, Master Studio held by Archmello
 - Miss Akshita Aurora, 4th year, B. Des (FD) - one of the top 5 winners of International Fashion styling event contest hosted by London school of Trends, UK.



Dr. Deepika Shetty
Director

Inception	: 2010
Programs	: 09
Students on roll	: 1112
Teaching staff	: 88
Associate staff	: 20



Manipal School of Architecture & Planning has been consistently placed in the top 15 colleges in all the ranking surveys. MSAP in collaboration with IALD India has successfully conducted the lighting design workshop for students with hands on experience on site. Dr. Deepika Shetty has been awarded financial assistance from Ministry of Panchayath Raj, Govt. of India to do Spatial Planning for Grama Panchayath, Udupi District. We are one among the 13 colleges selected and the only one in Karnataka.

Prasanna School of Public Health

- Rankings**
 - #3 (Emerging Social Work Colleges in India)
 - #16 (Overall) - India Today
- Important events**
 - National Workshop on Regression Analysis Intercollegiate fest
 - Global Health Symposium; Grand Challenge Udupi
 - International Seminar on Healthy Ageing (ISHA 2020)
 - Workshop on 'Introduction to Health Technology Assessment and Health Economics'
- Notable Achievements of the institution**
 - MPH Program Curriculum at PSPH is Validated by APHEA
 - Blended course in Leadership in Public Health
- New Developments/Collaborations/Patents/Grants/Papers**
 - Collaborative with national and International Agencies
 - Student Exchange Programme
 - Three copyrights



Prof. Dr. Helmut Brand
Director

Inception	: 2017
Programs	: 05
Students on roll	: 301
Teaching staff	: 24
Associate staff	: 12



Prasanna School of Public Health established in 2017 plays an active and innovative role in capacity building of the public health force which is essential for the improvement of the health status of a nation. It offers various Master's Programs that trains students for leading positions in the fields of Public Health, Hospital Administration, Social work and Statistics. The School has now reorganized its departments and is working towards European accreditation.

Manipal Institute of Virology

- Important events**
 - World Hepatitis Day
 - World Rabies Day
- Notable Achievements of the institution**
 - Center of Excellence by Global Virus Network
 - Member of WHO Global Outbreak Alert and Response Network
- New Developments/Collaborations/Patents/Grants/Papers**
 - Part of EU Horizon 2020 - DBT Next Gen Influenza Vaccine grant ENDFLU consortia
 - Publications in 2019 - 2020 - 13 (Q1, Q2 - 67%)
- Any Awards and Recognition**
 - Dr. Sathishkumar Arumugam - DHR Young scientist fellow



Dr. Chiranjay Mukhopadhyay
Incharge Director

Inception	: 2019
Programs	: 02
Students on roll	: 28
Teaching staff	: 04
Associate staff	: 40



Manipal institute of virology is part of European union and DBT consortia on Influenza Vaccine development. MIV has been recognized as a center for excellence by Global Virus Network since 2019 in the field of virology. MIV is a part of WHO Global Outbreak Alert and Response Network since 2019 and can be actively involved in the outbreak situation. MIV has been awarded a grant as part of the EU-DBT consortia project to develop Influenza vaccine.

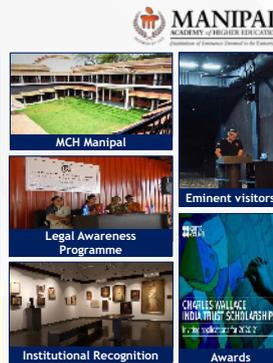
Manipal Centre for Humanities

- Important events**
 - International Conference on Singles Studies
 - International Seminar on Philosophy of Indian Aesthetics
- Notable Achievements of the institution**
 - Legal awareness program with the National Commission for Women (NCW)
 - Grants from the Indian Council for Philosophical Research
- New Developments/Collaborations/Patents/Grants/Papers**
 - Publication of the book *Inlays of Subjectivity* (Oxford University Press) and book chapters by Bloomsbury Academic, Springer, Routledge, Cambridge University Press, Palgrave Macmillan
 - Articles in reputed international journals
- Any Awards and Recognition**
 - Charles Wallace India Trust Scholarship
 - William J. Clinton Fellowship (USA)



Dr. Nikhil Govind
Head

Inception	: 2010
Programs	: 06
Students on roll	: 121
Teaching staff	: 13
Associate staff	: 04



Manipal Centre of Humanities, a Centre for Excellence at MAHE, was founded in 2010 as a premier institution for teaching and research in the humanities and social sciences. MCH fosters a culture of innovative and reflexive pedagogy, intellectual freedom, student initiatives, and new directions in scholarship. This year, the faculty and students at MCH have received recognition from leading international funding agencies and apex governmental organisations.

Manipal Centre for Natural Sciences

- Important events**
 - Second campus: MCNS-Annexe
 - New courses: Planetary science; Stellar nucleosynthesis
- Notable Achievements of the institution**
 - Publications: 8
 - Field guides: 2, International Geological Congress
 - Conference / workshops: 14
- New Developments/Collaborations/Patents/Grants/Papers**
 - Partner: FAIR and GSI GmbH "Get-Involved" program for students and researchers
 - Mobility grant: MAHE-UNSW project in astrophysics
 - Collaboration: Bombay Natural History Society, Mumbai
- Any Awards and Recognition**
 - Award: DST - INSPIRE PhD student fellowship



Dr. Mohini Gupta
Director

Inception	: 2012
Programs	: 03
PhD Students	: 04
Research staff	: 14
Associated staff	: 08



Manipal Centre for Natural Sciences conducts fundamental research in the natural sciences making it one of the unique research destinations within a University in the country. As a Centre of Excellence, MCNS is having the highest number of national and international collaborations at MAHE. It is one of the first dedicated "all-research" Centers to be started within MAHE.

Srishti Manipal Institute of Art, Design and Technology, Bengaluru

- Our mission is to creatively impact ecosystems and build new ecosystems that produce creative competencies ahead of the curve.
- Srishti Manipal offers UG Technical & Professional Programs, PG Professional & Diploma Programs, Integrated Postgraduate - Doctoral Programs as well as the Doctoral Programs.
- The Labs within Srishti play an important role in creating an open, collaborative environment for experimenting with and producing cutting-edge ideas for interdisciplinary creative impact practice.



Dr. Geetha Narayanan
Director

Inception	: 2020
Students on roll	: 605
Programs	: 55
Teaching Staff	: 172
Associate Staff	: 75



Srishti Manipal Institute of Art, Design and Technology envisions to be an institute of global excellence providing high quality education and opportunities for research in the fields of art, design, media, business, technology, humanities, sciences, law and others. Srishti Manipal's formative matrix of highly skilled art & design professionals, educators, scholars, researchers and a vibrant and engaged student body is deeply networked with local, regional and global communities.

Manipal-TATA Medical College, Jamshedpur

- First Private - Private partnership in the country
- Two popular brands Manipal and TATA committed to give best medical education in Jharkhand
- TATA Main Hospital-the teaching hospital is 112 years old and has 981 beds
- MCI has given Letter of Permission for 150 seats for 2020 admissions
- MTMC has been established to cater to the educational aspirants of the region



Dr. Poornima Baliga
Dean



MAHE, Manipal and TSL, Jamshedpur joined hands to establish a Medical College at Baridih, Jamshedpur, Jharkhand, with an understanding that the existing TATA Main Hospital, Jamshedpur, will be utilized as the clinical facility for training the students and MAHE will put up the college complex. It is the first Private-Private-Partnership model. MTMC has been established to cater to the educational aspirants of the region and also aims to address the acute shortages of doctors in the State of Jharkhand.

Incubators (2 TBIs)

<p>30 Startups Fund raised by our startups: 8 Cr.</p> <p>MUTBI Overview</p>	<p>FDP on Entrepreneurship</p>	<p>Flow Cytometry Workshop</p>	<p>Medical Device Mentoring</p>
<p>NIDHI-EIR program of DST Supported 26 candidates 13 startups formed Raised 3.8 Cr. funding</p> <p>NIDHI-EIR</p>	<p>Manipal Entrepreneurship Summit</p>	<p>3D-Bioprinting Workshop</p>	<p>Insights on Entrepreneurship</p>



Dr. Y Shrihari Upadhyaya
CEO, MUTBI



Dr. Manesh Thomas
CEO, Manipal - GoK Biocubator



Manipal Universal Technology Business Incubator started in 2010 and has supported 30 start-ups in 10 years. Manipal-GoK Biocubator started operation in 2019, currently has 14 Incubatees, more than 200 Members. Manipal-Government of Karnataka Biocubator, secured 8th rank among India's top 10 life sciences incubators and 4th place among private life sciences incubators by BioSpectrum.

University Departments

<p>Dr Sandeep Shenoy Commerce (2007)</p>	<p>Dr Arvind Kumar Geopolitics & International Relations (2007)</p>	<p>Dr Santhosh C Atomic and Molecular Physics (2008)</p>
<p>Dr Pradeep G Bhat Sciences (2009)</p>	<p>Dr Neeta Inamdar Manipal Centre for European Studies (2009)</p>	<p>Dr Shivanand Bhat Library and Information Sciences (2011)</p>
<p>Dr Veena Rao Design (2012)</p>	<p>Mr Srinivas Kumar Acharya Philosophy (2019)</p>	<p>Mr Rahul Putty Languages (2019)</p>



The university has 09 teaching departments in addition to the 21 constituent institutes. The postgraduate programs offered by various departments in Humanities, European Studies, Philosophy, Languages and International Relations are undoubtedly the best in the country.

100+ Specialized Centers



Dr Vinutha R Bhat Poison Information (2019)	Ms Sidhiprada Mohapatra Comprehensive Rehabilitation (2019)	Dr Ganesh Mohan Benign Hematological Disorders (2019)
Dr Freston Marc Sirur Wilderness Medicine (2019)	Dr Chetana B S Research in Banking, Financial Services and Insurance (2019)	Dr Praveen Hoogar Bio Cultural Studies (2020)
Dr Ajay Bhandarkar Balance Disorders (2020)	Ms Shruthi Shetty Creativity Enhancement (2020)	Dr Binayak Bhattacharya Film Studies (2020)
Dr Sebestina Anita Dsouza Studies on Healthy Aging (2020)	Prof N Ravichandran Business Practice (2020)	

The University has set up 111 unique centers, many of which are interdisciplinary. Some of the Centers are in collaboration with industry, some are with University partners and some with Research Institutes. These Centers bring a fresh look to the University through their work.

Excellence in Education



- Dr TMA Pai PhD Program
- 200 fully funded research projects & scholarships for PhD
- Supervising Doctoral Studies: A Course for PhD Supervisors
- PhD Process Digitization and Optimization



02 New Institutions	75:25 UG PG Mix	+21 New UG Programs	+25 New Masters Programs	1:9.86 Faculty: Student Ratio	39.88cr Scholarships and Bursary	NBA Accreditation
-------------------------------	---------------------------	-------------------------------	------------------------------------	---	--	-----------------------------

MAHE is part of the world consortium to design, develop and administer a course on doctoral supervision for PhD supervisors. MAHE has established 02 new Institutions namely Manipal Tata Medical College Jamshedpur and Srishti Manipal Institute of Art, Design and Technology, Bengaluru. The focus for the last year and for the next two will be on increasing our graduate and doctoral enrollments, gradually pulling down the undergraduate to postgraduate student ratio from the current level of 75:25 to 60:40.

Exemplary Research and Innovation



- MAHE the 1st Institution GLOBALLY to have open access Read and Publish agreement to encourage Open Access publication - MAHE-Springer
- Online webinars by reputed researchers on research methodology, research ethics and grant writing for MAHE faculty, students and research scholars
- 15% of published article in Top 10 percentile
- 27% of publication have international coauthor



- New research centers established:**
- Centre for Balanced Disorders
 - Centre for Biocultural Studies
 - Centre for Studies on Healthy Ageing

232 PhD Enrollment	0.83 Field Weighted CI	33 Cr Extramural Grant	2203 Research Publications	07 New Startups Incubated	16 Patents Filed	03 Patent Granted
------------------------------	----------------------------------	----------------------------------	--------------------------------------	-------------------------------------	----------------------------	-----------------------------

MAHE is the first University to sign a open access read and publish agreement with springer as a stand alone university globally, to encourage Open Access publication. Researchers of MAHE have published articles in top quality journals, out of which around 15% of the articles are published in Top 10 percentile journal globally. 27% of the articles published have international coauthor, which indicates that more than quarter of the publication are collaborative in nature.

Expanding Reach and Internationalization



- ESRC Funding: 1
- UKIERI Mobility Grants
- Cotutelle PhD Enrolment with Deakin: 2
- Erasmus Scholarships: 5

27% Internationally authored papers	73 Partners in Top 500 (WUR)	7 Partners in the Top 50
---	--	------------------------------------

MAHE was a co-recipient of funding from ESRC to Support Oral Language Development in children from multilingual backgrounds led by Oxford University. Manipal has been successful with 6 UKIERI student mobility grants. MAHE is officially inducted as a new Member of Shastri Indo Canadian Institute. NIH & Fogarty International Center have selected MAHE as one of the sites in India for Global Health Equity Scholars Fellowship. International collaborations have been redefined by signing landmark partnership with some of the top 50 Universities for enhanced research outcomes.

Effective Engagement and Alumni Relations



Alumni Endowment Scholarship Fund by KMC 1969

87 Academy - Industry Partnership Activities

Hospitality Education and Industry

Manipal Entrepreneurship Summit

MEC/MIT Re-union Meet 2020 at Vijayawada, A.P.

Engagements and Societal Impact

<p>254 Guest/ Key note address</p>	<p>1834 Health Related Programs</p>	<p>06 Weekly VSO activities</p>
---	--	--

MAHE is strongly committed to making quality healthcare and education available to everyone irrespective of their ability to pay. We have created three verticals in the endowments – Scholarship, Healthcare and Research with inflows expected from benefactors, alumni and corporates. We are aiming at a Billion dollar Corpus by 2028.

Enabling Foundation and Sustainability Mission



Architecture Block

WGSMA Admin Block

MAHE wins the Green World Award 2019

Bangalore Campus

MIT Tech Shop

World Environment Day

Manipal Hospital near M'lore Airport

Central Lab, M'lore

Residential care home for Psychiatric patients

Super Speciality Block

Dr THA Pal Hospital Annex, Karjala

Organic waste composter

With 14 new projects underway, we are aware of and sensitive to creating and preserving a sustainable and green campus. A rural healthcare hospital for KMC has been commissioned in Kateel town near Mangalore Airport in collaboration with Sanjeevani Trust Mumbai. Organic waste composter has been installed and the target is set out for 90% wet waste processing in house as against 20 to 30%. 1250 native tree species have been planted on campuses to increase green cover this monsoons.

Volunteer Services Organization of MAHE



TARANG 2020
Theme: Drug Free India

MANIPAL MARATHON 2020
Theme: Organ Donation

MUSKAAAN: A visit to the Bijapur Colony

VIRTUAL DAAN UTSAV 2020

CARNIVAL DE MARATHON

COVID RELIEF PROJECT: MASK MAKING

Students and faculty make the best use of platforms created for them to showcase their talent. Voluntary Services Organization 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.

Social Impact



MAHE is always in the forefront in creating an impact on the Society. Various projects are being conducted where the students and faculty can contribute towards the benefit of the needy in the community. "Manipal Arogya Suraksha Scheme" - a comprehensive healthcare facility aimed at providing quality health care at affordable cost. A network of 7 Rural Maternity and Child Welfare Homes provide maternal and child health services. 'Asare' – a trusted helping hand for the differently abled citizens was conceived jointly by MAHE and Archana Trust with the aim to provide a strong sense of support base to those who are unfortunately deprived of the natural mental growth. 'Hombelaku' is a medium to long term residential psychiatric rehabilitation centre for the chronic mentally ill, is administratively and functionally integrated to KMC Manipal.

Eminent Guests and Ambassadors of MAHE



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

Sporting Events



MAHE, organised South zone Badminton Tournament and All India Inter University Squash Championship that were inaugurated by eminent personalities. MAHE also organised Manipal Marathon 2020 which attracted more than 10,000 runners across the globe and is now ranked among the top Marathons of the country.

Cultural Events



Play - Naya Theater, Bhopal



Mohiniattam



Saxophone concert



Udupi Paryaya Tableaux



Kathak recital



Women's Day 2020



Staff Cooking Competition

The Cultural Coordination Committee, MAHE hosted wide ranging cultural events including a play by Naya Theater Bhopal, saxophone concert, Mohiniattam by alumnus of KMC Manipal and even putting up a tableaux during Udupi Paryaya ceremony. The committee continues to host online events to promote fine arts even during the pandemic.

The Future of Manipal



Mrs. Shruti R Pai and Dr. Ranjan R Pai
President, MAHE Trust &
Chairman, MEMG India Pvt. Ltd.

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. We look up to Dr Ranjan Pai for support in our climb up the global position.

Thank You



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. May you excel in all that you do. Thank you



@ManipalUni



Introduction of Chief Guest by Dr Sharath K Rao, Dean, Kasturba Medical College, Manipal

Good afternoon everyone. Respected Dignitaries on the dais, dignitaries online, faculty members, students and parents. It is an honour to me and I am privileged to introduce the Chief Guest of today's function. Professor (Dr) C Raj Kumar, a Rhodes Scholar, is the Founding Vice Chancellor of O P Jindal Global University (JGU) in India. He was appointed as the VC at the age of 34 in 2009 when the university was established.

Professor Kumar conceived the idea of establishing India's first 'Global University' and with the visionary leadership and philanthropic support of Mr Naveen Jindal, established JGU in Sonapat, Haryana in 2009. JGU is one of the university declared as an "Institution of Eminence" by the Government of India.

Professor Kumar is an accomplished legal scholar and works in the fields of human rights and development, comparative constitutional law, terrorism and national security, corruption and governance, law and disaster management, legal education and higher education. He has seven books and over a

hundred and fifty publications to his credit and has published widely in peer-reviewed journals, law reviews and other internationally reputed publishing houses based in Australia, Hong Kong, India, Japan, Singapore, UK and USA.

Professor Kumar has academic qualifications from the University of Oxford, Harvard University, University of Hong Kong, University of Delhi and Loyola College. He served as a faculty member at the School of Law of City University of Hong Kong, where he taught for many years. Professor Kumar was awarded the Rhodes Scholarship at the University of Oxford, UK, where he obtained his Bachelor of Civil Law (BCL) degree; a Landon Gammon Fellowship at the Harvard Law School, USA, where he obtained his Master of Laws (LLM) degree and a James Souverine Gallo Memorial Scholarship at Harvard University. He received the Doctor of Legal Science (SJD) from the University of Hong Kong. He also obtained a Bachelor of Laws (LLB) degree from the University of Delhi, India; and a Bachelor of Commerce (BCom) degree from the Loyola College, University of Madras, India.

Professor Kumar has held consultancy assignments in the field of human rights and governance. He has been a Consultant to the United Nations University (UNU), Tokyo; United Nations Development Programme (UNDP); UN Office of the High Commissioner of Human Rights, Geneva; and the International Council for Human Rights Policy (ICHRP), Geneva. Professor Kumar is an Attorney at Law and is admitted to the Bar Council of Delhi, India and the Bar of the State of New York, USA. Professor Kumar also serves as the Founding Dean of Jindal Global Law School (JGLS) and Director of the International Institute for Higher Education Research and Capacity Building.

Here I present to you the chief guest of today's function Professor Dr C Raj Kumar and request him to deliver the convocation address.

CONVOCATION ADDRESS BY THE CHIEF GUEST



**Dr C Raj Kumar, Vice Chancellor, O P Jindal Global University
(Institution of Eminence Deemed To Be University), Sonipat, Haryana**

Dr Ramdas Madhav Pai, Honourable Chancellor, Dr H S Ballal, Pro Chancellor, Lt Gen (Dr) M D Venkatesh, VSM (Retd), Vice Chancellor, Dr P L N G Rao, Pro Vice Chancellor (Health Sciences), Dr C S Thammaiah, Pro Vice Chancellor (Corporate Academia Engagement), Dr Dilip G Naik, Pro Vice Chancellor, Dr Narayana Sabhahit, Registrar, Dr Vinod V Thomas, Registrar Evaluation, Deans of Faculties and Heads of Departments, Faculty members and staff, Graduating Students, Parents and Families, and other distinguished guests present here today.

Good Evening to you!

Today, I am delighted and honoured to have the opportunity to be here at the 28th Convocation Ceremony of the Manipal Academy of Higher Education (MAHE) and address this year's graduating students.

Over 6,000 students are graduating today. What a momentous occasion for all of you and indeed your families! Congratulations to all of them.

When I accepted the invitation to be a part of this Convocation, I could not help being inspired by the idea of synthesis of traditions that have influenced this great institution's vision, history, tradition and background. In a world that has become

increasingly globalized and interconnected, institutions that adopt an open, syncretic approach are more likely to succeed and flourish. The critical role of education in developing equitable and progressive societies necessitates that educational institutions, in particular, adopt such an approach. Higher education institutions have a particularly important and challenging role to play in influencing the citizenship of the future.

In addition, at a time when higher education institutions have to address competing demands for resources, it becomes imperative that the central focus remains on learning, and that is exactly what MAHE stands for today.

On this special occasion, I would like to take a moment to pay tribute to a wonderful human being and a distinguished public intellectual, Mr Mohandas Pai, Chairman of the Manipal Global Education Services. I have known Mr Pai very closely and he has been a great champion for the promotion of higher education and excellence in India.

As a group of higher education institutions with over 350 programmes across 31 disciplines, and home to over 28,000 students from 57 nations in its various campuses, Manipal Academy of Higher Education has grown tremendously across its decades of being. Today, recognized as an 'Institution of Eminence' by the Ministry of Education, Government of India and ranked as one of the world's leading global universities by distinguished ranking platforms such as Quacquarelli Symonds (QS), you have indeed displayed the outstanding leadership in Indian higher education to build our nation's global footprint, and make India stand out on the education world map.

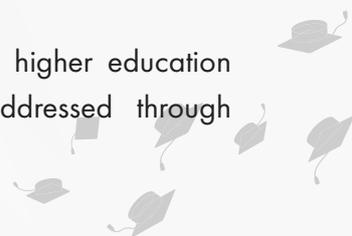
Your large alumni base is spread across the world and contributing meaningfully in various industries

and roles. You have produced global leaders like Mr Satya Nadella and Mr Rajeev Suri who are leading meaningful changes and innovations in the world today. At the same time, you have nurtured diverse talents who have become world-renowned figures like Mr Vikas Khanna and Ms Ishita Malviya. This makes Manipal such an exemplary institution because bringing together students and faculties drawn from a range of disciplines, educational backgrounds, demographic profiles, political and ideological orientations is a basic building block for developing educated minds and innovative ideas for the future. Cross-cultural educational experiences have indeed become necessary for preparing our young generation for future work and life.

Further to this, the 250+ international collaborations and 70 IPRs filed in the last two years are just some of the many major impressive accomplishments that have created an impact on our education ecosystem. Manipal Academy of Higher Education has indeed evolved into a safe space for intellect, talent and dreams to grow. I am sure each one of you has worked very hard to be part of this institution, and are very fortunate to have been nurtured by the very esteemed leadership and faculty members of MAHE.

Your vision to become one of the largest private universities in the country is forward-looking and addresses the challenge of providing access and opportunities to more young students. Your institution's focus on providing quality education directly addresses the challenge of improving the credibility of private higher education institutions in India. Some of the top universities in the world such as Harvard, Yale, Stanford and MIT are private universities.

The vast challenges that Indian higher education faces today can only be addressed through





the creation of strong private universities that are committed to promoting academic freedom, encouraging interdisciplinary learning and creating institutional environments that inspire innovation.

Today, this university stands as a steadfast example of how a committed institutional community of scholars and students can create deep and lasting change in the societies around them. Your decades of legacy, and the milestones achieved in these years, are testimony to the meaningful impact that private institutions can create for the youth for a better future of our nation.

We are now in an era when higher education systems across the world are in a state of flux, with increasing debates about how to determine institutional quality and credibility. At a transitional moment like this, there are a few decisive indicators of institutional performance that will be key to developing excellence and creating the universities of the future.

1. Teaching and Pedagogy

High-quality teaching is imperative to a student's academic success. There is a need to attract and retain faculty with academic and professional experience in leading national and international universities and organisations. This will require higher education institutions to create enabling conditions for high-quality teaching, including adopting new technologies, supportive academic administration and overarching governance mechanisms that complement these.

In addition, curriculum design must account for interdisciplinarity and collaboration. The pedagogical approach must focus on promoting interdisciplinarity through cross-listed elective courses, faculty with interdisciplinary educational backgrounds and experience, and a curriculum that encourages collaborative thinking and learning.

Academic programmes must be designed to cross disciplinary boundaries and integrate critical thinking; creative freedom; technical skills; and an appreciation of the local and the global. Thus, the institution's academic and practical offerings should exemplify the complex working and living environments that students will inhabit when they graduate.

The role of faculty members in creating such an environment is vital. There must be a conscious effort to recruit faculty members with qualifications and experience from leading universities and institutions of the world. They will bring to the institution deep knowledge of their fields; diverse educational and professional experiences and a passion to create innovative and rigorous learning experiences for their students.

I am indeed aware that MAHE has all of this in abundance, which has enabled it to achieve higher levels of excellence.

2. Research

Given that the amount of funding that is currently available for research in Indian universities is meagre by global standards, universities and institutions will have to find new ways to fund innovative and interdisciplinary research. This means that networked universities that already have a pool of accomplished academics within them will carry an advantage in attracting research funding.

In addition to recruiting and retaining talented faculty members and researchers, given the nature of higher education today, it is imperative that universities forge wide and deep international collaborations. Such partnerships will enable universities to attract research funding and create joint opportunities for research collaborations.

In addition to external research funding, universities must also create a conducive environment for researchers to produce high-quality work. This will

require robust institutional systems that support faculty recruitment, appraisal, assessment, promotions and rewards based on performance as measured through research contributions and publications.

The Manipal Academy of Higher Education is deeply committed to this and hence has been at the vanguard of important initiatives in research and publications.

3. International Collaborations

International partnerships are key to benchmarking institutional processes to global standards. Indian institutions need to adopt a more outward-looking approach, and to understand and contextualize global best practices for Indian conditions, for instance in course design and pedagogy.

International collaborations in the form of student exchanges, faculty exchanges, joint teaching, joint research, joint conferences, joint publications, joint executive education programmes, summer and winter schools and study-abroad programmes are ways to promote the global engagement of Indian higher education institutions.

The creation of robust global partnerships will generate new opportunities for students and faculty members to expand their learning and research horizons.

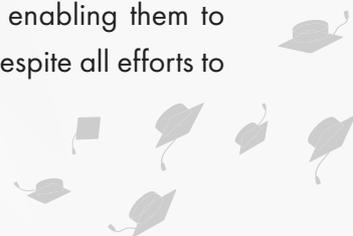
While these aspects will be a key to creating a sustainable future for universities, the most important goal of all institution-building activities must be to inspire, encourage and enable our students, not only to graduate into successful careers but also to consistently strive to make a positive difference in the world around them.

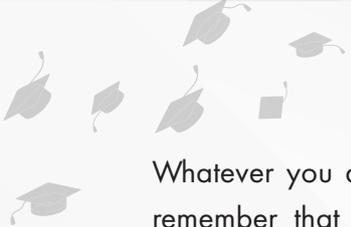
To all the students graduating today, I would like to share three sets of thoughts with you. As

you embark on new journeys, including joining workplaces, beginning new careers, or pursuing a higher degree, I hope that some of these thoughts may help to motivate you and maintain perspective in difficult times.

First, I want to share with you the concept of "Ubuntu". Ubuntu essentially means, "I am what I am because of who we all are". The word "Ubuntu" has its origins in one of the Bantu dialects of Africa. It is a traditional African philosophy that provides us with an understanding of ourselves in relation with the world. According to Ubuntu, "there exists a common bond between us all and it is through this bond, through our interaction with our fellow human beings, that we discover our own human qualities." Or as the Zulus would say, "that a person is a person through other persons. We affirm our humanity when we acknowledge that of others."

The South African Nobel Laureate Archbishop Desmond Tutu describes Ubuntu as: "It is the essence of being human. It speaks of the fact that my humanity is caught up and is inextricably bound up in yours. I am human because I belong. It speaks about wholeness; it speaks about compassion. A person with Ubuntu is welcoming, hospitable, warm and generous, willing to share. Such people are open and available to others, willing to be vulnerable, affirming of others, do not feel threatened that others are able and good, for they have a proper self-assurance that comes from knowing that they belong in a greater whole. They know that they are diminished when others are humiliated, diminished when others are oppressed, diminished when others are treated as if they were less than who they are. The quality of Ubuntu gives people resilience, enabling them to survive and emerge still human despite all efforts to dehumanize them."





Whatever you do henceforth in your life, always remember that small acts of courage, kindness, empathy and courtesies of the heart will make a great difference to those around you. Success is most often not meaningfully measured in more conventional notions of status, titles and wealth, but in these ordinary acts of humanity.

The second set of thoughts I want to share with you is about the ten pillars of encouragement that I have found valuable in my own life:

1. **Work hard:** Whatever you set out to do, give it all your heart and spirit.
2. **Be honest:** It is a difficult attribute to develop in this world. It is difficult to live an honest life and does not always pay in the short run.
3. **Think big:** It is important to think big. It is important to dream about big ideas. Those are the ideas that will shape the future of the world around you.
4. **Be forgiving:** As you live your life, you will face many challenges including from people you trust. It is important to develop an inherent sense of reconciliation and forgiveness. This is the only way to challenge the inherent violence around us today.
5. **Be grateful:** So many things have come to our life not necessarily because we deserve it. It is important to remain grateful. Be grateful to parents, colleagues, friends and fellow citizens every day for the many things that have come our way but we do not necessarily deserve. Remind yourself not to adopt a misplaced and false sense of entitlement that will undermine your ability to grow and affect change.
6. **Seek change:** Seeking change and transformation in everything you do is important. You need to challenge the status quo and constantly strive to be a part of efforts to seek positive change and transformation in the world.
7. **Stay focused:** As you begin your careers in organizations with varied cultural and professional orientations, you will find that while for the most part organizational life offers rich opportunities for self-development and career advancement, you will also find varied forms of distractions including petty gossip, counterproductive social interactions and wasteful expenditure of precious time. It is important that you stay focused on the task at hand and persist in your efforts.
8. **Develop positivity:** It is difficult to develop positivity because we are so deeply affected by our environments that come with all types of challenges. Find your own way to develop a sense of positivity and positive engagement.
9. **Avoid negativity:** You need to make a conscious effort to avoid negative interactions, particularly in your work life in organizations and institutions. Find your own way to stay focused on the big picture.
10. **Be trustworthy:** The challenge of distrust is almost all-pervasive in organizations and institutions today. Begin to trust and be trustworthy. Develop trustworthiness even when you are betrayed.

I will end with my third set of thoughts. I would like to recall one of the most inspiring sets of phrases that I have ever read. Nearly 50 years ago in the year 1968, these words were written by a 19-year old Sophomore Student at Harvard College, Kent M Keith Kent was deeply inspired by the need to promote leadership in the Student Council and to build the next generation of student leaders. Kent was a Rhodes Scholar and had pursued degrees from Harvard, Oxford and the University of Hawaii.

The Paradoxical Commandments of Dr Kent M Keith

People are illogical, unreasonable, and self-centred.

Love them anyway.

If you do good, people will accuse you of selfish ulterior motives.

Do good anyway.

If you are successful, you will win false friends and true enemies.

Succeed anyway.

The good you do today will be forgotten tomorrow.

Do good anyway.

Honesty and frankness make you vulnerable.

Be honest and frank anyway.

The biggest men and women with the biggest ideas can be shot down by the smallest men and women with the smallest minds.

Think big anyway.

People favour underdogs but follow only top dogs.

Fight for a few underdogs anyway.

What you spend years building may be destroyed overnight.

Build anyway.

People really need help but may attack you if you do help them.

Help people anyway.

Give the world the best you have and you'll get kicked in the teeth.

Give the world the best you have anyway.

My humble congratulations to Chancellor Dr Ramdas M Pai, Pro Chancellor Dr H S Ballal, and Vice Chancellor Lt Gen (Dr) M D Venkatesh, and for having created and implemented the vision of 'Global leadership in human development, excellence in education and healthcare.' The students of MAHE are indeed fortunate to have been nurtured under your leadership.

This year we faced one of the most unprecedented crises of our time. This unfortunate ongoing pandemic has yet again showed us the VUCA world we live in, i.e., marked by Volatility, Uncertainty, Complexity and Ambiguity. And I am glad that in a safe space such as the Manipal Academy of Higher Education, you have learned to overcome any challenges that you face, to grow into becoming change-makers who can now pave the way for the world around us and become global leaders of the future, creating impact wherever you set foot.

Congratulations to all the students who graduate today – go ahead and find meaning and purpose in your lives.

I wish you my very best for your future.



FACTS AND FIGURES ABOUT GRADUATES

University facts and figures presented by Dr Vinod V Thomas,
Registrar Evaluation, MAHE, Manipal

FACTS AND FIGURES ABOUT GRADUATES

<i>Particulars</i>	<i>Convocation</i>	<i>Speed Post/ Absentia</i>	<i>Total</i>
Undergraduates	2209	1746	3955
Postgraduates	1486	561	2047
Super Specialties	2	15	17
PhD	69	53	122
Grand Total	3766	2375	6141



CONFERRING THE DEGREES

ADMINISTERING OATH

Dr Vinod Thomas, Registrar Evaluation, MAHE administering oath to the students



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"

Dr TMA Pai Gold Medal

Sl No	Name	Institution
1	Keya Bakshi	Welcomgroup Graduate School Of Hotel Administration
2	Shetty Varun Vivek Vinaya	Manipal Institute of Management
3	Jesly Anna James	Manipal College of Nursing
4	Shambhavi S Shetye	Manipal College of Health Professions
5	Nikita Jain	Manipal School of Architecture and Planning
6	Jane Mendonca	KMC Mangalore
7	Spoorthi	Prasanna School of Public Health





PhD AWARDS

Sl No	Name	Institution
1	Dr Susa n G Varghese	Manipal Institute of Technology
2	Dr Darryl Jeethesh Dsouza	Manipal School of Information Sciences, Manipal
3	Dr Bindu S	Manipal Institute of Technology
4	Dr Srividya R	Manipal Institute of Technology
5	Dr Kavitha Koppula	Manipal Institute of Technology
6	Dr K Rajesh Rao	Manipal Institute of Technology
7	Dr Girija V Attigeri	Manipal Institute of Technology
8	Dr Madhushankara M	Manipal School of Information Sciences, Manipal
9	Dr Nandish S	Manipal School of Information Sciences, Manipal
10	Dr Monica Shirley Mani	Manipal School of Life Sciences
11	Dr Thiruvvelselvan P	MAHE Research Centres
12	Dr Sayinath Udupa N V	Manipal Institute of Technology
13	Dr Sheela S	Manipal College of Health Professions
14	Dr Jyothsna M	Manipal College of Pharmaceutical Sciences
15	Dr Varalakshmi C	Melaka Manipal Medical College (Manipal Campus)
16	Dr P Arathi Rao	Dept. of Public Health
17	Dr Indudhar Panduranga Vali	Department of Sciences
18	Dr Shailesh Kumar Gupta	MAHE Research Centres
19	Dr Prithvirajesh Kumar S K	MAHE Research Centres
20	Dr Tushar Shaw	Kasturba Medical College, Manipal
21	Dr Radhakrishnan P	Kasturba Medical College, Manipal
22	Dr Anjan N Padmasali	Manipal Institute of Technology
23	Dr Manjunath Shettar	Manipal Institute of Technology

24	Dr Sameena Begum Pathan	Manipal Institute of Technology
25	Dr Shubha G	Manipal College of Health Professions
26	Dr Manohara J D	Department of Sciences
27	Dr Akshatha N	Department of Sciences
28	Dr Abhinav Reddy K	MAHE Research Centres

PRESENTATION OF GRADUATES

Successful Under Graduates Students from September 2019 to October 2020

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	DOC	BBA Programs	170	80	250	161	78	239
2	DOC	BCom (Professional)	31	39	70	30	39	69
3	DOC	BCom (Professional-Evening)	03	--	03	03	--	03
4	DOC	BCom (Business Process Services)	10	--	10	10	--	10
5	FOA	BArchitecture	61	90	151	57	90	147
6	FOA	BDes (Interior Design)	06	36	42	06	36	42
7	FOA	BA (Interior Design)	01	01	02	01	01	02
8	FOA	BA (Fashion Design)	--	02	02	--	02	02
9	FOA	BDes (Fashion Design)	02	26	28	02	26	28
10	FOA	BSc (Fashion Design-Couture)	--	01	01	--	01	01
11	KMC	Final MBBS	205	273	478	201		473
12	MCHP	BASLP	07	47	54	07	47	54
13	MCHP	BSc Medical Imaging Technology (BMIT)	04	04	08	04	05	09
14	MCHP	BSc Medical Laboratory Technology (BMLT)	05	26	31	05	26	31
15	MCHP	BSc Nuclear Medicine Technology (BNMT)	09	08	17	09	08	17
16	MCHP	Bachelor of Optometry	04	16	20	04	16	20
17	MCHP	BOT	11	49	60	09	40	49
18	MCHP	Bachelor of Physiotherapy (BPT)	23	88	111	20	86	106
19	MCHP	BSc Cardiovascular Technology (BSc CVT)	08	32	40	08	32	40
20	MCHP	BSc Exercise and Sports Science	19	06	25	19	06	25
21	MCHP	BSc HIM	03	07	10	03	07	10

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
22	MCHP	BSc in Medical Radiotherapy Technology (BSc MRT)	09	05	14	09	05	14
23	MCHP	BSc Perfusion Technology	05	06	11	05	06	11
24	MCHP	BSc Renal Replacement Therapy and Dialysis Technology (BSc RRT and DT)	07	14	21	07	14	21
25	MCHP	BSc Respiratory Therapy (BSc RT)	09	28	37	09	28	37
26	MCODS	Final BDS	06	06	12	04	06	10
27	MCON	BSc Nursing	15	103	118	18	96	114
28	MCON	PB BSc Nursing	06	07	13	06	07	13
29	MCOPS	BPharm	50	69	119	50	69	119
30	MIC	BA (Media and Communication)	50	70	120	49	66	115
31	MIC	BSc Animation	27	11	38	27	11	38
32	MSLS	BSc Biotechnology	13	40	53	13	40	53
33	MCH	BA Humanities	08	22	30	08	19	27
34	WGSHA	BHM	123	34	157	120	34	154
35	WGSHA	BA in Culinary Arts	87	53	140	85	53	138
36	MIT	Biomedical Engineering	18	31	49	15	30	45
37	MIT	Chemical Engineering	44	17	61	42	17	59
38	MIT	Civil Engineering	140	24	164	136	22	158
39	MIT	Computer Science and Engineering	189	57	246	187	56	243
40	MIT	Electrical and Electronics Engineering	140	34	174	134	34	168
41	MIT	Electronics and Communication Engineering	158	56	214	151	56	207
42	MIT	Industrial and Production Engineering	50	03	53	46	03	49
43	MIT	Mechanical Engineering	227	08	235	219	08	227
44	MIT	Information Technology	104	20	124	96	18	114
45	MIT	Instrumentation and Control Engineering	75	36	111	70	35	105
46	MIT	Biotechnology	13	25	38	13	24	37
47	MIT	Mechatronics	90	08	98	86	08	94
48	MIT	Aeronautical Engineering	54	15	69	51	15	66
49	MIT	Automobile Engineering	55	04	59	50	04	54
50	MIT	Computer and Communication Engineering	102	21	123	95	21	116
51	MIT	Print and Media Technology	25	05	30	23	05	28

Successful Postgraduates Students from September 2019 to October 2020

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	KMC	MD Anaesthesiology	09	15	24	09	15	24
2	KMC	MD Biochemistry	01	--	01	01	--	01
3	KMC	MD Community Medicine	01	02	03	01	02	03
4	KMC	MD Dermatology, Venereology and Leprosy	02	03	05	02	03	05
5	KMC	MD General Medicine	40	14	54	37	14	51
6	KMC	MD Hospital Administration	01	--	01	01	--	01
7	KMC	MD Microbiology	01	01	02	01	01	02
8	KMC	MD Paediatrics	06	09	15	06	09	15
9	KMC	MD Pathology	04	10	14	04	09	13
10	KMC	MD Pharmacology	03	02	05	02	02	04
11	KMC	MD Physiology	--	01	01	--	01	01
12	KMC	MD Psychiatry	02	02	04	01	02	03
13	KMC	MD Radio Diagnosis	07	06	13	07	06	13
14	KMC	MD Respiratory Medicine	01	01	02	01	01	02
15	KMC	MD Radiotherapy	01	01	02	01	01	02
16	KMC	MS General Surgery	07	05	12	06	05	11
17	KMC	MS Obstetrics and Gynaecology	--	22	22	--	19	19
18	KMC	MS Ophthalmology	02	05	07	02	05	07
19	KMC	MS Orthopaedics	14	--	14	12	--	12
20	KMC	MS Oto-Rhino-Laryngology	01	03	04	01	03	04
21	KMC	DM Gastroenterology	01	--	01	01	--	01
22	KMC	DM Nephrology	01	--	01	01	--	01
23	KMC	DM Neurology	01	01	02	01	01	02
24	KMC	DM Cardiology	03	--	03	03	--	03
25	KMC	MCh Urology	04	--	04	04	--	04
26	KMC	MCh Neuro Surgery	02	--	02	02	--	02
27	KMC	MSc Medical (Anatomy)	--	04	04	--	04	04
28	KMC	MSc Medical (Biochemistry)	02	05	07	02	05	07
29	KMC	MSc Medical (Microbiology)	03	08	11	03	08	11
30	KMC	MSc Medical (Physiology)	01	03	04	01	03	04
31	KMC	MSc Medical (Pharmacology)	--	04	04	--	04	04

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
32	KMC	MSc Forensic Science	01	09	10	01	09	10
33	KMC	MSc Clinical Embryology	--	01	01	--	01	01
34	KMC	Advanced Training Programme in Head and Neck Oncology	01	01	02	01	01	02
35	MCODS	MDS - Conservative Dentistry and Endodontics	03	08	11	03	08	11
36	MCODS	MDS - Oral and Maxillofacial Surgery	01	05	06	01	04	05
37	MCODS	MDS - Oral Medicine and Radiology	01	--	01	01	--	01
38	MCODS	MDS - Orthodontics and Dentofacial Orthopaedics	05	03	08	05	03	08
39	MCODS	MDS - Pedodontics and Preventive Dentistry	01	04	05	01	04	05
40	MCODS	MDS - Periodontology	01	04	05	01	04	05
41	MCODS	MDS - Public Health Dentistry	01	--	01	01	--	01
42	MCODS	MDS - Prosthodontics and Crown and Bridge	04	04	08	04	04	08
43	MCON	MSc Nursing	02	09	11	02	09	11
44	MCON	MSc Nursing (Nurse Practitioner in Critical Care)	02	03	05	02	03	05
45	MCHP	MASLP	--	02	02	--	01	01
46	MCHP	MSc MLT	01	07	08	01	07	08
47	MCHP	MSc MRP	06	02	08	06	02	08
48	MCHP	MSc NMT	02	01	03	02	01	03
49	MCHP	MOT	04	11	15	04	11	15
50	MCHP	Master of Physiotherapy (MPT)	10	53	63	10	53	63
51	MCHP	MSc Audiology	01	25	26	01	25	26
52	MCHP	MSc Speech Language Pathology	02	24	26	02	24	26
53	MCHP	MSc Cardiac Catheterization and Interventional Technology (CCIT)	01	--	01	01	--	01
54	MCHP	MSc Clinical Psychology	--	39	39	--	39	39
55	MCHP	MSc Echocardiography	--	02	02	--	02	02
56	MCHP	MSc Exercise and Sports Science (MSc ESS)	07	06	13	07	06	13
57	MCHP	MSc Health Information Management (HIM)	--	02	02	--	02	02
58	MCHP	MSc Medical Imaging Technology (MMIT)	04	02	06	04	02	06
59	MCHP	Master of Optometry	03	05	08	03	05	08

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
60	MCHP	MSc Renal Replacement Therapy and Dialysis Technology (RRT and DT)	--	01	01	--	01	01
61	MCHP	MSc Respiratory Therapy (MRT)	--	05	05	--	05	05
62	MCOPS	PharmD	08	17	25	08	17	25
63	MCOPS	PharmD (PB)	03	07	10	03	07	10
64	FOA	Executive MArch (AD)	04	02	06	04	02	06
65	FOA	MA (Interior Design)	01	06	07	01	06	07
66	FOA	MA (Fashion Management)	01	06	07	01	06	07
67	FOA	MArch (UD and D)	08	13	21	08	13	21
68	MIM	MBA	63	58	121	62	58	120
69	MIM	MBA (Healthcare Management)	13	20	33	13	20	33
70	MIM	MBA (Global Business)	23	11	34	22	11	33
71	MIC	MA (Media and Communication)	14	29	43	14	29	43
72	MSLS	MSc Bioinformatics	10	05	15	10	05	15
73	MSLS	MSc Medical Biotechnology	01	11	12	01	11	12
74	MSLS	MSc Molecular Biology and Human Genetics	02	12	14	02	12	14
75	MSLS	MSc By Research in Life Science	01	01	02	01	01	02
76	MIRM	MSc Stem Cell Technology and Regenerative Biology	04	10	14	04	10	14
77	PSPH	Master of Public Health	16	33	49	16	33	49
78	PSPH	Master of Social Work	03	24	27	03	24	27
79	PSPH	Master of Hospital Administration	14	24	41	14	27	41
80	PSPH	MSc Biostatistics	09	10	19	09	10	18
81	DOC	MCom Programs	48	68	116	47	68	115
82	DOC	MSc Health Economics	02	03	05	02	03	05
83	DOC	MSc Financial Economics	05	07	12	05	07	12
84	CIMR	MSc Yoga Therapy	02	10	12	02	10	12
85	DL & IS	Master of Library and Information Science	01	03	04	01	03	04
86	DOS	MSc Chemistry	07	27	34	07	27	34
87	DOS	MSc Applied Mathematics and Computing	08	09	17	08	09	17
88	DOS	MSc Physics	08	25	33	08	25	33
89	DOS	MSc Geology	17	06	23	17	06	23

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
90	MCOPS	MPharm - Pharmaceutical Chemistry	04	04	8	04	04	08
91	MCOPS	MPharm - Pharmacology	01	14	15	01	14	15
92	MCOPS	MPharm - Pharmaceutics	05	10	15	05	10	15
93	MCOPS	MPharm - Pharmacognosy	01	01	02	01	01	02
94	MCOPS	MPharm - Pharmaceutical Administration	06	05	11	06	05	11
95	MCOPS	MPharm - Pharmaceutical Quality Assurance	08	07	15	08	07	15
96	MCOPS	MPharm - Pharmaceutical Biotechnology	04	03	07	04	03	07
97	MCOPS	MPharm - Pharmaceutical Regulatory Affairs	02	13	15	02	13	15
98	MCOPS	MPharm - Industrial Pharmacy	07	08	15	07	08	15
99	MCOPS	MPharm - Pharmaceutical Analysis	04	07	11	04	07	11
100	MCES	MA European Studies	03	03	06	03	03	06
101	DGIR	MA in Geopolitics and International Relations	05	08	13	05	08	13
102	MCH	MA English	04	09	13	04	09	13
103	MCH	MA Sociology	01	03	04	01	03	04
104	MSIS	Master of Engineering - ME (Medical Software)	04	10	14	04	10	14
105	MSIS	Master of Engineering - ME (VLSI Design)	29	14	43	29	14	43
106	MSIS	Master of Engineering - ME (Embedded Systems)	21	18	39	21	18	39
107	MSIS	Master of Engineering - ME (Embedded and Wireless Technology)	05	09	14	05	09	14
108	MSIS	Master of Engineering - ME (Computing Technologies and Virtualization)	05	05	10	05	05	10
109	MSIS	Master of Engineering - ME (Embedded Systems and Instrumentation)	05	05	10	05	05	10
110	MSIS	Master of Engineering - ME (Automotive Embedded Systems)	15	--	15	15	--	15
111	MSIS	Master of Engineering - ME (Big Data and Data Analysis)	26	17	43	26	17	43
112	MSIS	Master of Engineering - ME (Cloud Computing)	08	05	13	08	05	13
113	MSIS	Master of Engineering - ME (Internet of Things)	10	08	18	10	08	18
114	MSIS	Master of Engineering - ME (Embedded Systems)	01	--	01	01	--	01

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
115	MSIS	Master of Science - M.Sc. Information Science	02	10	12	02	10	12
116	WGSHA	MSc DAN	01	63	64	01	63	64
117	WGSHA	MSc HTM	29	23	52	29	23	52
118	MIT	Biomedical Engineering	01	07	08	01	07	08
119	MIT	Computer Science and Engineering	16	09	25	16	09	25
120	MIT	Construction Engineering and Management	24	06	30	16	04	20
121	MIT	Engineering Management	11	05	16	10	04	14
122	MIT	Structural Engineering	17	07	24	16	07	23
123	MIT	Tribology and Maintenance	04	01	05	01	01	05
124	MIT	Control Systems	04	03	07	04	03	07
125	MIT	Software Engineering	03	14	17	02	14	16
126	MIT	Digital Electronics and Communication Engineering	13	11	24	13	11	24
127	MIT	Manufacturing Engineering	17	01	18	16	01	17
128	MIT	Microelectronics	13	05	18	11	05	16
129	MIT	Industrial Biotechnology	03	03	08	04	03	07
130	MIT	Computer Science and Information Security	03	12	18	06	12	18
131	MIT	Chemical Engineering	02	02	04	02	02	04
132	MIT	Environmental Engineering	08	09	17	01	09	10
133	MIT	Master of Computer Applications	77	29	106	70	27	97
134	MIT	Industrial Automation and Robotics	27	03	30	24	03	27
135	MIT	Energy Systems and Management	11	03	14	11	03	14
136	MIT	Computer Aided Analysis and Design	16	01	17	15	01	16
137	MIT	Automobile Engineering	28	--	28	24	--	24
138	MIT	Thermal Sciences and Energy Systems	15	02	17	14	02	16
139	MIT	Computer Networking and Engineering	11	07	18	11	07	18
140	MIT	Power Electronics and Drives	08	10	18	07	10	17
141	MIT	Aerospace Engineering	03	04	07	03	03	06
142	DAMP	MSc Nano Science and Technology	02	02	07	05	02	07
143	DAMP	MSc Photonics	02	01	03	02	00	02

Successful Diploma, MPhil, Certificate Graduates Students from September 2019 to October 2020

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	DOC	PG Diploma in Logistic and Supply Chain	08	--	08	08	--	08
2	KMC	DPM (Psychiatry)	02	04	06	02	04	06
3	KMC	D Ortho (Orthopaedics)	02	--	02	02	--	02
4	KMC	DLO (Otorhinolaryngology)	01	02	03	01	01	02
5	KMC	DGO (Obstetrics and Gynaecology)	01	04	05	01	04	05
6	KMC	DDVL (Dermatology, Venereology and Leprosy)	01	--	01	01	--	01
7	KMC	DCH (Child Health)	02	01	03	02	01	03
8	KMC	DA (Anaesthesiology)	03	04	07	02	02	04
9	KMC	DO (Ophthalmology)	01	--	01	01	--	01
10	KMC	DMRD (Radio Diagnosis)	01	--	01	00	--	00
11	KMC	MPhil Psychiatric Social Work	02	02	04	02	02	04
12	MCOPS	Diploma in Pharmacy	12	16	28	12	16	28
13	MIC	PG Diploma in Corporate Communication	03	02	05	03	02	05
14	MSLS	Post Graduate Diploma in Cellular and Molecular Diagnostics	05	13	18	05	13	18
15	CIMR	Certificate course in Panchakarma	02	07	09	01	07	08
16	MCON	MPhil Nursing	--	04	04	--	04	04
17	MCHP	MPhil Clinical Psychology	02	12	14	02	12	14
18	MIRM	MPhil Stem Cell Technology and Regenerative Biology	--	01	01	--	01	01



Dr Narayana Sabhahit, Registrar, MAHE, Manipal delivering Vote of Thanks

The Honourable Chief Guest of today's function, Dr C Raj Kumar, Vice Chancellor, O P Jindal University and other distinguished dignitaries, ladies and gentlemen.

I deem it a great honour and privilege to propose the vote of thanks on this momentous occasion of 28th Convocation of Manipal Academy of Higher Education. I would like to take this opportunity to express our gratitude to our Chief Guest of today's function, Dr C Raj Kumar, Vice Chancellor, O P Jindal University.

Sir, your gracious presence and scholarly convocation address added lustre to this important academic function of our university. We are all inspired by your great words. Thank you very much indeed.

Let me express my sincere thanks to our respected Chancellor, Dr Ramdas M Pai, for his leadership support and encouragement in all the activities of our university. We also thank Mrs Vasanti Pai, the First Lady of the University, for her presence and awarding Dr T M A Pai gold medal. Thank you, Madam.

Permit me to mention our appreciation to Pro Chancellor, Dr H S Ballal for his great efforts towards the growth of this university and conferring the degree to the graduates.

Dear Graduates, it is your day... You are the stars of this evening; I congratulate all the graduates who have been conferred their degrees today and our best wishes to each one of you. Thank you very

much for your presence in large number through online mode. And thanks especially to your parents and family members who have supported you during your course of study at Manipal.

I must mention our deep sense of appreciation to our Vice Chancellor, Lt Gen (Dr) M D Venkatesh, who has taken charge as seventh Vice Chancellor of Manipal Academy of Higher Education and presenting the overview of MAHE.

I also extend my heartfelt gratitude to Dr P L N G Rao, Pro Vice Chancellor (HS), MAHE, for delivering the welcome address.

We express our sincere gratitude to Pro Vice Chancellors of the University, Dr Thammaiah Chekkera and Dr Dilip Nayak for their presence and gracing the occasion.

We would like to express our sincere thanks to Dr Vinod V Thomas, Registrar-Evaluation for highlighting the number of graduates, Dr Sharath Rao, Dean KMC Manipal for introducing the chief guest, Dr Geetha Maiya, Director Students Affairs for presenting the awardees of Gold Medals and

Dr Shyamala Hande, Director, centre for doctoral studies for presenting PhD scholars.

We are happy to express our gratitude to members of Trust, Board of Management, Academic Council, Board of Studies, Board of Examiners, and 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 to all the Heads of Institutions, Deputies, Heads of the Departments, University officials, faculty, supporting staffs, for their support and presence.

All the members of Press and Electronic media richly deserve our special thanks for their presence in this ceremony. I thank them for their continued support.

Special thanks to our Master of Ceremony, Dr Anil Bhat, Associate Dean, KMC Manipal.

Finally, I would like to take this opportunity to place on record our hearty thanks to Team Manipal for their enormous cooperation in the organization of this event. Thank you one and all.



CONTENTS**PAGE No**

National Anthem	-
Invocation – University Anthem	-
Welcome Address	41
Overview of MAHE	42
Introduction of Chief Guest	43
Convocation Address	44
Facts and Figures about Graduates	47
Conferring the Degree	49
Administration of Oath	49
Award of Gold Medal	49
Award to PhD Scholars	50
Presentation of Graduates	50
Vote of Thanks	51
National Anthem	-

The convocation began with National Anthem and University anthem



WELCOME ADDRESS



Dr Dilip G Naik, Pro Vice Chancellor, MAHE, Mangalore Campus, delivering the welcome address

Chief guest of this evening Mr Suresh Narayanan, Chairman and Managing Director, Nestle India Ltd., Mrs Vasanthi R Pai, First Lady of MAHE and Trustee, MAHE Trust, Dr H S Ballal, Pro Chancellor, Lt Gen (Dr) M D Venkatesh, Vice Chancellor, Dr P L N G Rao and Dr C G Thammaiah, Pro Vice Chancellors, Dr Narayana Sabhahit, Registrar, Dr Vinod Thomas, Registrar Evaluation, Dr Geetha Maiya, Director Student Affairs, Heads of Constituent institutions of MAHE, Administrators, Faculty members, Members of the Press and Electronic media, distinguished invitees, parents of degree awardees, graduates and postgraduates, ladies and gentlemen.

A very good evening to you all!

I have great pleasure in extending a hearty welcome to all of you for honouring our invitation to commemorate the 28th e-convocation ceremony of Manipal Academy of Higher Education.

As a result of the impact of the global pandemic in our country, your academic year did not end in the way as in the previous years. But our University and our student and faculty body have always demonstrated a resiliency in the face of adversity. The experiences you have today will become a part of who you are and how you face challenges in the future.

My dear students, the convocation ceremony as we are all aware, is an important occasion, both to the University and all of you. It is a moment to savour, a moment you have worked very hard to achieve, reinforcing the time-tested belief that hard work, perseverance and dedication are indeed the true mantras for success in life. My heartiest congratulations on this occasion and I extend a warm and cordial welcome to you.

MAHE stands in its glory here today, because of the visionary Dr T M A Pai, who was the founder of the Manipal group of institutions. Dr Ramdas M Pai followed his father's footsteps and converted a local University into a global educational town of great status. Dr Ranjan Pai, President MAHE Trust and Chairman MEMG, is providing the necessary impetus to take MAHE to further heights of glory.

We are fortunate to have on this eventful occasion, our esteemed chief guest, Mr Suresh Narayanan, Chairman and Managing Director, Nestle India Ltd. He has over 35 years of rich and exhaustive experience in the FMCG industry and has held top leadership roles in leading global companies. Mr Narayanan has been honoured as the best CEO in the Forbes India Leadership Awards 2017 and

he was also recognized as the most valuable CEO in 2019 by Business world and Business Today respectively. Under his leadership in 2019, Nestle India Won the “Best governed company award for 2018”, by Asian Centre for Corporate governance and sustainability. On behalf of MAHE, we are deeply appreciative and offer our most cordial and cheerful welcome to you Sir!

We are elated to have the First Lady of MAHE, and member of the MAHE trust, Mrs Vasanthi R Pai. Madam we are indebted to you for your unstinted support and constant encouragement in all the activities of our University. A cordial welcome to you, Madam.

We are happy to have amidst us today Dr H S Ballal, Pro Chancellor of our University, and the guiding force behind the growth of this University. To you Sir, I extend a delightful welcome.

It gives me great pleasure to welcome our Vice Chancellor Lt Gen (Dr) M D Venkatesh, who is actively enabling the development of this University, with his vast and rich experience. I extend a pleasant welcome to you Sir!

I am delighted to welcome the Pro Vice Chancellors- Dr P L N G Rao, and Dr C S Thammaiah and Registrar Dr Narayana Sabhahit.

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. I also welcome all the former Vice Chancellors of MAHE.

The well-knit Manipal team, consisting of Heads of constituent institutions, faculty members, officers of the University and the supporting staff, who have played a dynamic role in carrying forward the vision of MAHE. A hearty welcome to all.

The members of the press and the media have been projecting to the public our message, showcasing the transparency and integrity of MAHE. Hearty welcome to all of them who have responded to our invitation.

It is a great day for the parents of graduates and postgraduates, who are to receive their degrees today. I extend a warm welcome to all of you on this joyous occasion.

Last, but not the least, the most important people of this convocation are the graduates, the postgraduates and the postdoctoral fellows who are eager to receive their degrees today.

Dear Graduates, while the successful completion of your course, is a matter of pride and joy, it is just a stepping-stone to the challenges that lie ahead of you, in the future. The change being driven by path breaking research is both exhilarating and mesmerizing. However, empathy and sympathy towards the predicament of the disadvantaged, in our society should be your prime focus.

Once again, my heartiest congratulations on your success, and the very best wishes to all of you.

Ladies and gentlemen, once again I extend a gracious welcome to all of you to this occasion. Thank you.

OVERVIEW OF THE UNIVERSITY

Lt Gen (Dr) M D Venkatesh, Vice Chancellor, MAHE presented an overview of the University (same as Day 1 Presentation).



INTRODUCTION OF THE CHIEF GUEST



Introduction of Chief Guest by Dr D Srikanth Rao, Director, Manipal Institute of Technology, Manimal

A very good evening to all!

I am indeed very delighted to take this opportunity to introduce you to the Chief Guest of the day - Mr Suresh Narayanan, Chairman and Managing Director – Nestlé India Limited.

As I am set to introduce Mr Suresh Narayanan, I am reminded of the words of John Quincy Adams: "If your actions inspire others to dream more, learn more, do more and become more, you are a leader."

Mr Narayanan is a leader who makes others believe in dreams through his distinctive accomplishments over the years.

Mr Suresh Narayanan holds a Master's Degree in Economics from the Delhi School of Economics. He has a Diploma from the IMD Program for Executive Development. He has participated in the Nestlé Leadership Program of the London Business School. He has over 30 years of rich and exhaustive experience in the FMCG Industry.

He began his career as a management trainee with Hindustan Unilever, where he held numerous positions

of increasing responsibility in Sales, Marketing and General Management. He has also worked with Colgate Palmolive in India. Since then he has held senior management and top leadership roles in leading global companies.

Mr Narayanan joined Nestlé in 1999 as Executive Vice President for Sales in India, where he spearheaded major structural and strategic changes in Sales and Customer Management and set up the chilled dairy business. He moved to Nestlé Indochina in 2003, as an Executive Director for Sales, Marketing and Food Services, covering the countries of Thailand, Cambodia, Myanmar, Laos and Vietnam. Two years later, in 2005, he returned to India as Head of Sales for India, Sri Lanka, Bangladesh and Nepal.

In 2008, Mr Narayanan was appointed as Managing Director of Nestlé Singapore Pte. Ltd., and remained there until 2010. During his time, the overall business in Singapore witnessed sustained growth amidst the economic downturn. He was awarded the Medal of Commendation by the Government of Singapore in 2010, for excellence in employee relations during this challenging period. He moved to Nestlé Egypt as Chairman and CEO and Head of NEAR, where his initiatives resulted in significant business growth and investments despite the turbulence and volatility faced by the region at this time.

In August 2015, Mr Suresh Narayanan joined the Board of Directors of Nestlé India Limited as Managing Director. Mr Narayanan was Chairman and CEO of Nestlé Philippines prior to joining Nestlé India as Managing Director. In Nestlé India, he has been designated as the Chairman and Managing Director of the Company from 29 October 2015. He is also a member of the Corporate Social Responsibility Committee of the Board of Directors of the Company.

Certainly, the course of his journey is an inspiration to all of us, especially to our graduating students to believe in one's dreams ... dreams that tell us that there is always a reward for hard work and commitment.

It is indeed an honour to present before you Mr Suresh Narayanan. Thank you.

CONVOCATION ADDRESS BY THE CHIEF GUEST



Mr Suresh Narayanan, Chairman and Managing Director, Nestle India Ltd

Good afternoon to you all!

It is my real privilege and honour to come for the e-convocation of MAHE today. My greetings to Lt Gen Dr Venkatesh, Vice Chancellor, Dr H S Ballal, Pro Chancellor, Dr Narayana Sabhahit, Registrar, and greetings to all the faculty, staff, ladies and gentlemen and dear students.

Today is a very important day in your life and it is an understatement. Today is the day when all of you receive your committed degrees from the prestigious Manipal Academy of Higher Education and you set forth on your life happiness of success and prosperity. Not just as the chief guest of the day, but as an elder among you all, it is my proud privilege in the Indian traditions to bless you all for your long life, for your prosperity, for your happiness and for your good health at all times. Today is the day when it is normal to give all youngsters a lot of advice, but I will choose not to give you advice because of one simple fact that all of you must always remember. It is your life and you must lead

it on your terms. That is important. Your life is not being led by others, not by your teachers, not by your parents not by members of society. You are leading your life and that is a fact that you should never forget. Then, what is it that I propose to talk to you in a short time given to me today. It is to share with you some perspectives of what has worked in my life. We are separated by generations, I belong to your parents' generation. We are separated by geography, by experience, and by the single fact that you and I are different human beings with different skills, different aptitudes, different strengths and different weaknesses. And yet there are some perspectives I do hope that can unite us and can make us all march in progress towards our life, towards our careers and towards our great nation - India.

So, the perspectives that I would like to share with you begins with the time in which you are graduating. This is the time of pandemic. Many of you might be thinking, that this is probably the worst time for the economy, the worst time for society, the



worst time for mankind because this is the time of acute pain, of acute distress, of acute anxiety, of lot of uncertainty and where we do not know what tomorrow holds and yet my young friends, this is the time of immense strength for us as human beings. This is the time, when you can come together and do the things that you want to do as well as the way you want to do.

So, the first perspective that I would like to give you is to never lose your confidence in yourself and never lose a positive attitude and positive approach to life. Confidence is that inherent value and virtue that makes you go on in the most difficult of circumstances. Confidence is not arrogance; confidence is the quiet voice that says I am capable of doing the things that I want to do. Each one of you has a lot to be grateful for. You have been born in very good families. You have been nurtured lovingly and with a lot of care by your parents. You have been nurtured on values and purpose. You have been educated by amongst the finest teachers at the Manipal Academy. You have been nurtured to do good for the society. You have had all the good benefits of education, the good benefits of culture, the good benefits of values that have been infused in you. You have a lot in and with you my young friends whether you are a man or whether you are a woman. You have a lot to be grateful for and this gratitude should translate into your confidence and into your positive outlook online. It does not matter what difficult situation you have to face, it does not matter what difficult circumstance prevails in the market, it does not matter that the things will not come easy. What matters is your confidence, and what matters is your perspective on yourself, and what matters is your positive attitudes at all times. This is what has helped me my young friends in my own career and therefore, I wish to share with you.

You are in difficult times. You are in times when there is an enormous amount of courage that you need. Courage is the capability to stand on your ground

and to face the reality of challenges whether they are pleasant or whether they are unpleasant. Courage is the backbone of your personality. It can bend in the wind but it will not break. It is this value that is important that I have seen in my own life. Courage is that capability to stand up and be counted. When the world is looking in the north direction but you should have the courage to look southwards. That is courage. Courage is the capability for you to stand up and be counted for what is right. What is in consonance for the purpose and values that define you. I do come from the middle-class family like many of you. I was not born in a privileged or well-to-do family. Whatever I have achieved or I have tried to achieve, is with my hard work, my commitment, my huge amount of luck, blessings and by the good wishes of all my seniors and all my teachers, everyone who has been involved in nurturing me and therefore courage is an important virtue.

Each one of you have been born in families that has given you values. Core values and purpose are important for every human being. You are all young. You have a whole life ahead of you. And in that, you have been infused with certain values. For me, dignity, respect, decency is extremely important. You could be the person serving me a cup of coffee or you could be my Chairman, you will get the same respect and the same dignity for that because you are a human being as I am a human being. Stick to these core values. Stick to the values that you believe define you. These are yours. I can tell you one thing my young friends. Difficulties, storms will come in your life. And Yet the one element, one single element that will pull you out of the difficult times is your purpose and values. That purpose is the guiding spirit of your life. What is it that you want to do in your life? What is it that you want to be? This is immaterial. This is not that I want to be a Chairman of the Company; It is not that I want to be an owner of an enterprise. It is not that I

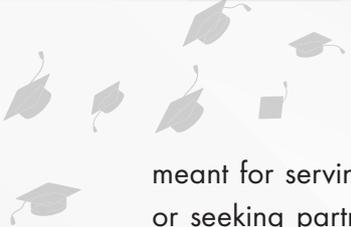
want to be 'XYZ'. This is about the sole purpose that you want to be remembered for as a human being. It is important to think about it when you are young. Then you will try to achieve it as you walk through life and you will try to achieve your goals at the end. But have your core values and have your core purpose, those are extremely important.

I started my talk by telling you that you have a lot to be grateful for. Grateful for the society that has given you so much, grateful for the education, grateful for the food on your table, grateful for all the blessings and values and opportunities that you have received, grateful for the fact that a lot of people have been involved in moulding and shaping each one of you and see you today proudly as you graduate from one of the finest Universities in our country.

Towards them what do you feel? You feel a sense of duty; you feel a sense of compassion? Compassion is the emotion that is most prevalent in human beings and yet it is the least used. You do not ever take the opportunities to be compassionate. You take more opportunities to show the power and be harsh. And that is the harsh reality of the 21st century that you and I are living in. You are compassionate, if you are able to show the side of humility and concern for a fellow human being, If you are able to be empathetic towards your other humans and towards your fellow humans who are less fortunate than you, the ones who are hungry, the ones who are poor, the ones who are uneducated, the ones who are deprived, the ones who are marginalized, the ones who are kept away from society, because their presence is unpleasant or uncomfortable. How do you reach after them? You can do that in your own jobs. You can do that in your businesses and you can do that in your lives. So, my young friends, never fail to become compassionate. As we go through this pandemic, I am not only trying to be compassionate with myself, but also trying to guide my organization, Nestle India to be

compassionate, to reach out to the communities. More than a million and a half people have been directly fed, have been given grocery items by our company. We have bought numerous medical equipment and PPEs to be given across the country. We have reached out to the front-line policemen and administrators, as they go about controlling this pandemic. This was done with the sole purpose to give them few hours of happiness and few moments of pleasure. No one asks you to do it. But you have to do it. That is the call of duty, and that is the call of compassion that I do hope and you embrace in your life. You are all graduating from MAHE, you are all graduating from one of the finest institutions of learning. But your learning does not stop here. Your learning goes on for life. I want all my young friends to remember that learning is continuous process, I quote here for Karl Popper who was one of the most celebrated philosophers. He said once, "Our knowledge can only be finite, while our ignorance must necessarily be infinite". What you know is but a fraction. You need to know more; you need to have a thirsty mind; you need to have an inquisitive mind; you need to have a soaking mind and this mind will enrich itself and enrich you as you go through life. Continuous learning is an important aspect. I have tried too long after my Master's degree to continuously educate myself. Reading, doing programs, talking to wise people, because these are the ways in which you get to know what is happening in the world. I also have the humility to ask rather silly questions. But I do not know. I have the humility to ask myself, do I know this. If I do not know this, I will ask. I have no hesitance because of my position, or because of the role that I play to be able to ask these questions. Continuously seek because when you continuously seek you will continuously learn and you will become wiser than what you are today.

The last point cultivates relationships. Life is meant to be lived; Life is not meant to be toiled from nine to nine. Life is meant for nurturing hobbies. Life is



meant for serving families, or saving relationships or seeking partnerships. For starting your families one day I hope, all of you do participate in society and the community, and this is an important aspect of your life which you need to seek off. All of us seek a living. You must seek a life and that life means to go beyond the call of just working, working, and working. Many of us complain that there is no work-life balance, and whom to blame. You have to blame yourself. And therefore, it is important that when you seek your jobs, you should go to a place where your values are resonated and do a job that gives you some free time to be able to do other interests in life. Cultivate friends, do not forget your friends, but do not be emulous of your friends. Five years on, 10 years on, your friends could be in different places. In your perception, they could be better than you, or they could be not as good as you. Does not matter, does not matter at all. In this life, you lead your life to learn to live it your way. And finally, this is the point that is difficult to seek. But we seek it at all times. You go to a spiritualist, you go to a psychiatrist, you go to thinkers, you do mediation, you go to temples, you pray and we do everything that is possible, to seek the one solace that mankind has lived with, and that is happiness.

My young friends, as you graduate today, I wish you a life of plenty, I wish your life of good

health, I wish you a life of success, I wish you a life of prosperity, but above all, I wish you a life of happiness. Because it is only this Happiness that it is going to remain with you as a cache in your personal account inside you. There is nothing else that will matter more in life than the happiness that you seek.

So, on this day, let me once again take this opportunity, to congratulate each one of you on your hard work, on your accomplishment, on your capabilities on the fact that you are getting degrees in more than 21 disciplines. You are getting these at one of the finest institutions that has been set up by the great visionary, Dr T M A Pai and followed up by his illustrious son Dr Ramdas Pai. These are the men who have built the vision of your Institution that has nurtured you. Keep them proud, make yourself proud and make India proud.

Once again, my sincere gratitude for inviting me today as a Chief Guest for your e-convocation. My deepest regret is that the beautiful Manipal could not be seen. Vice Chancellor, Lt Gen Venkatesh, I assure that at the nearest opportunity, when things are stabilized, when the pandemic is behind us, I will take the opportunity to come and visit your beautiful campus.

Good luck and God bless you all. Thank you very much and have a Great Convocation ceremony.

FACTS AND FIGURES ABOUT GRADUATES

**Dr Madhukar Mallya, Deputy Registrar, Evaluation MAHE
presented Facts and Figures about Graduates (same as Day 1 Presentation)**

CONFERRING THE DEGREES

ADMINISTERING OATH

Dr Madhukar Mallya, Deputy Registrar, Evaluation MAHE administered oath to the students (same as Day 1 Presentation)

Dr TMA Pai Gold Medal

<i>Sl No</i>	<i>Name</i>	<i>Course</i>	<i>Institution</i>
1	Sahil Garg	BTech (Computer Science and Engineering)	Manipal Institute of Technology
2	Geetanjali Jha	BA (Media and Communication)	Manipal Institute Of Communication
3	Gollapudi Sai Spandana	Bachelor of Medicine and Bachelor of Surgery (MBBS)	KMC Manipal
4	Silas Stefna	MSc (Bioinformatics)	Manipal School of Life Sciences





PhD AWARDS

<i>Sl No</i>	<i>Name</i>	<i>Institution</i>
1	Dr Deepika Pandey K M	MAHE Research Centres
2	Dr Poonam Mishra	MAHE Research Centres
3	Dr Lokhande Alkeshkumar Pandharinath	Manipal College of Pharmaceutical Sciences
4	Dr Amol Baban Khade	Manipal College of Pharmaceutical Sciences
5	Dr Manik Vohra	Manipal School of Life Sciences
6	Dr Priya Gupta	MAHE Research Centres
7	Dr Avinash M Holla	Kasturba Medical College, Manipal
8	Dr Kotian Rahul Pratap	Manipal College of Health Professions
9	Dr Beena H B	MHS, Bangalore
10	Dr Pratyusha Bala	MAHE Research Centres
11	Dr Bhargav J Bhatkalkar	Manipal Institute of Technology
12	Dr Shyam Prasad K	Department of Sciences
13	Dr Gowtham H J	Department of Sciences
14	Dr Raut Sushil Yadaorao	Manipal College of Pharmaceutical Sciences
15	Dr Albin Antony	Department of Sciences
16	Dr Krupa Rajangam	MAHE Research Centres
17	Dr Savitha Suresh Babu	MAHE Research Centres

PRESENTATION OF GRADUATES

Same as day 1 list presented



Professor C S Ramashesha, Director, Manipal School of Information Sciences, Manipal

Honourable Chief Guest of today's function, Mr Suresh Narayanan, Chairman and Managing Director, Nestle India Ltd., Mrs Vasanthi R Pai, the First Lady of the University and Trustee, MAHE Trust, Dr H S Ballal, Pro Chancellor, MAHE, Manipal, Lt Gen (Dr) M D Venkatesh, Vice Chancellor, MAHE, Manipal and other distinguished dignitaries on and off the dais, graduates, parents, ladies and gentlemen.

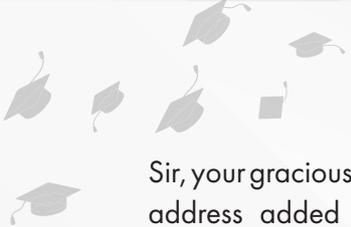
For the past eight months, the COVID-19 pandemic has disrupted every walk of life. MAHE has been in the forefront to contain the spread of this pandemic right from the beginning and ensured that academic activities are not affected through online teaching. Due to this pandemic, MAHE could not organize this momentous occasion for students to receive their Degree Certificates in person. As a university, it is its responsibility to ensure that graduates are awarded with Degrees as per the schedule so that graduates'

career is not affected. Keeping this in mind, MAHE has made its efforts to make graduates receive their Degree Certificates virtually. For this first-time effort of organizing a Virtual Convocation, a lot of thoughts and efforts are put in to ensure smooth conduction of e-Convocation 2020.

We have e-Convocation for three days and we have entered into the end of Day 2 session.

I consider it a great honour and privilege to propose the vote of thanks on this momentous occasion of 28th e-Convocation 2020 of Manipal Academy of Higher Education.

I would like to take this opportunity to express our gratitude to our Chief Guest of today's function, Mr Suresh Narayanan, Chairman and Managing Director, Nestle India Ltd.



Sir, your gracious presence and scholarly convocation address added lustre to this important academic function of our university. We are all inspired by your great words. Thank you very much indeed.

Let me express my sincere thanks to our respected Chancellor, Dr Ramdas M Pai, for his leadership support and encouragement in all the activities of our university. We also thank Mrs Vasanti R Pai, the First Lady of the University, for her presence. Thank you, Madam.

I express my sincere thanks to Dr Ranjan Pai, Chairman, MEMG, Bengaluru for his support.

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

My wholehearted appreciation to Pro Chancellor, Dr H S Ballal for his great efforts towards the growth of this university and conferring the degree to the graduates.

Dear Graduates, it is your day. You are the stars of this evening, I congratulate all the graduates who have been conferred their degrees today and our best wishes to each one of you. Thank you very much for your presence in a large number. And thanks especially to your parents and family members for coming all the way to our campus. It is the glint in their eyes that actually makes us feel both happy and proud. It reaffirms the faith in what we are doing towards society.

I must mention our deep sense of appreciation to our Vice Chancellor, Lt Gen (Dr) M D Venkatesh, for presenting the overview of our university.

I also extend my heartfelt gratitude to Dr Dilip G Nayak, Pro Vice Chancellor, MAHE, for delivering the welcome address.

I express my sincere gratitude to Pro Vice Chancellors of the university, Dr P L N G Rao and Dr Thammaiah C S for their gracious presence.

I express my sincere gratitude to our Registrar, Dr Narayana Sabhahit for his gracious presence.

I would like to express my sincere thanks to Dr Vinod V Thomas, Registrar-Evaluation for his gracious presence, Dr Srikanth Rao, Director, MIT, Manipal for introducing the chief guest, Dr Geetha Maiya, Director Students Affairs for presenting the awardees of Gold Medals and Dr Shyamala Hande, Director, Centre for Doctoral Studies for presenting PhD scholars.

I take this opportunity to thank Dr Madhukar Mallya, Deputy Registrar-Evaluation for presenting Facts and Figures about Graduates and Administering Oaths to the Graduates.

I wholeheartedly thank all Donors and well-wishers of Manipal and appreciate their unconditional support in the growth of all our institutions.

I am happy to express my gratitude to members of Trust, Board of Management, Academic Council, Board of Studies, Board of Examiners, and officials from Manipal Group of Institutions, associated hospitals and organizations both from India and abroad for their support in the university activities.

I wish to place on record our thanks to all the Heads of Institutions, Deputies, Heads of the Departments, University officials, faculty, supporting staff for their wholehearted support.

All the members of the Press and Electronic media, I thank them for their continued support.

I thank Director, PR and his team, the Estate officer and his team and all others who have supported in the logistics arrangement.

I take this opportunity to thank Director, Information Systems Department for arranging to stream the event.

Special thanks to our Master of Ceremony, Mrs Niveditha S Prabhu, Assistant Professor, Department of Physiotherapy, MCHP Manipal.

Finally, I would like to take this opportunity to place on record our hearty thanks to Team Manipal for their enormous cooperation in the organization of this event. Thank you one and all.

<i>CONTENTS</i>	<i>PAGE No</i>
National Anthem	-
Invocation – University Anthem	-
Welcome Address	53
Overview of MAHE	54
Introduction of Chief Guest	55
Convocation Address	56
Facts and Figures about Graduates	60
Conferring the Degree	61
Administration of Oath	61
Award of Gold Medal	61
Award to PhD Scholars	62
Presentation of Graduates	62
Vote of Thanks	63
Declaration to close Convocation	64
National Anthem	-

The convocation began with National Anthem and University anthem



WELCOME ADDRESS



Dr Thammaiah C S, Professor Vice Chancellor (Corporate Academia Engagement) MAHE, Manipal, delivering the welcome address

Chief Guest of this evening Dr Peter J Katsufakis President and CEO National Board of Medical Examiners, Mrs.Vasanthi R Pai-Trustee MAHE, Pro Chancellor Dr H S Ballal, Vice Chancellor Lt Gen (Dr) M D Venkatesh, Pro Vice Chancellors, Dr P L N G Rao, Dr Dilip G Naik, Registrar Dr Narayana Sabhahit, Registrar Evaluation Dr Vinod Thomas, Director Student Affairs Dr Geetha Maiya, Deputy Registrars Dr Guruprasad and Dr Preetham Kumar, Heads of Constituent Institutions of Manipal Academy of Higher Education, Administrators, Faculty members, Members of the Press and Electronic media, distinguished invitees, parents of degree awardees, graduates and postgraduates, ladies and gentlemen.

A very good evening to you all.

I have great pleasure in extending a hearty welcome to all of you for honouring our invitation to commemorate the 28th e-convocation ceremony of Manipal Academy of Higher Education. The Global Pandemic has brought in its challenge but on the positive side, it has taught us new ways of living through the challenge. The very fact that we are using technology to reach each one of you to conduct the convocation bears the fact of our new learning. Nature has always helped us to be resilient in times of challenges.

The convocation is a significant milestone in your academic growth. The degrees and awards earned by all of you are a result of your relentless hard work and immense dedication. This is a proud moment for all of you, as much as it is for your teachers and parents. Your quest for higher learning, which began in the portals of the college, will continue all through your professional life. Learning is a never-ending process and the firm foundation provided to you by your alma mater will empower you to explore new horizons.

MAHE stands in its glory here today because of the visionary Dr T M A Pai who was the founder of the Manipal group of institutions. Dr Ramdas M Pai followed his father's footsteps and converted a local University into a global educational village of great status.

We are fortunate to have on this eventful occasion our esteemed Chief Guest Dr Peter J Katsufakis President and CEO National Board of Medical Examiners. On behalf of MAHE, we are deeply appreciative and offer our most cordial and cheerful welcome to you Sir!

We are delighted to have Mrs Vasanti R Pai, First Lady of MAHE and Trustee MAHE with us. A very gracious welcome to you, Madam.

We are happy to have amidst us today Dr H S Ballal, Pro Chancellor of MAHE and the guiding force behind the growth of this University. To you Sir, I extend a delightful welcome.

It gives me great pleasure to welcome our Vice Chancellor Lt Gen (Dr) M D Venkatesh who comes with vast experience in managing the Armed forces Medical Education and leading the growth of Sikkim Manipal University before taking on the leadership of our University. I extend a pleasant welcome to you Sir!

I am delighted to welcome the Pro Vice Chancellors- Dr P L N G Rao, Dr Dilip G Naik, Registrar Dr Narayana Sabhahit and Registrar Evaluation Dr Vinod V Thomas.

I am glad to welcome the members of the Pai family, who have made it convenient to grace this event.

I welcome the members of the MAHE Trust, Board of Management, Academic Senate and Finance Committee, who monitor and ensure constant and consistent progress, in the activities of Manipal Academy of Higher Education.

I also welcome all the Former Vice Chancellors of MAHE.

We have with us the elite of Manipal, Udupi and Mangalore, our well-wishers, who have always cherished the growth of our institutions to shape the younger generation. To all of them, I extend a gracious welcome.

The well-knit Manipal team, consisting of Heads of constituent institutions, faculty members, officers of MAHE and the supporting staff, who have played

a dynamic role in carrying forward the vision of MAHE- A hearty welcome to all.

The members of the press and the media have been projecting to the public our message, showcasing the transparency and integrity of MAHE. A hearty welcome to all of them who have responded to our invitation.

It is a great day for the parents of graduates and postgraduates, who are to receive their degrees today. I extend a warm welcome to all of them.

Last, but not least, the most important people of this convocation are the graduates, the postgraduates and the postdoctoral fellows who are eager to receive their degrees today.

Dear Graduates, while the successful completion of your course is a matter of pride and joy, it is just a steppingstone to the challenges that lie ahead of you in the future. You live in an era where the pace of technology transition is taking place at a mind-boggling pace that even as I speak, new concepts are being introduced, established paradigms are being refined, and research is opening new vistas. The change being driven by pathbreaking research is both exhilarating and mesmerizing. As young graduates, it will be your challenge, to imbibe the latest developments in the field of technology.

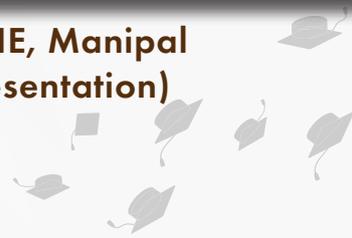
Once again, my heartiest congratulations on your success and the very best wishes to all of you.

Ladies and gentlemen, once again I extend a gracious welcome to all of you to this occasion.

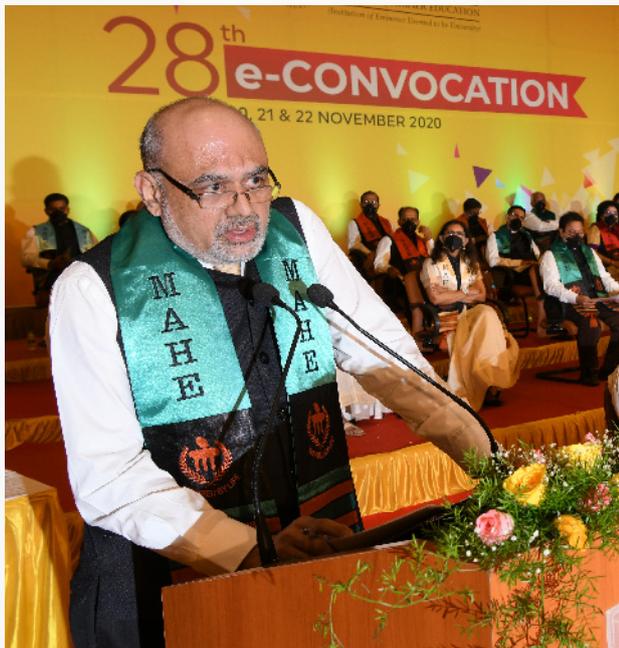
Thank you.

OVERVIEW OF THE UNIVERSITY

Overview - Lt Gen (Dr) M D Venkatesh, Vice Chancellor, MAHE, Manipal presented an overview of the University (Same as Day 1 presentation)



INTRODUCTION OF THE CHIEF GUEST



Introduction of Chief Guest by Dr M Venkatraya Prabhu, Dean, Kasturba Medical College, Mangalore, MAHE, Manipal

An MBA with honours from the Marshall School of Business, University of Southern California in 1998, an MD (Medicine) from the University of California, San Diego in 1985, and a BA (Biology) with high honours from the University of California, Berkeley in 1981. He served his internship and residency in family medicine at Santa Monica Hospital, and he is a Diplomate of the American Board of Family Medicine and a board-certified Family Physician.

He is the President and CEO of the National Board of Medical Examiners (NBME). Prior to becoming NBME president, he was Senior Vice President for Assessment Programs of NBME. His responsibilities included oversight of the Medical Education and Health Profession Services programs, International Programs, the Post-Licensure Assessment Service, and the United States Medical Licensing Examination® (USMLE)® program. He joined the NBME in 2007 as Associate Vice President.

He is a past associate dean for student affairs and associate professor of clinical family medicine at the Keck School of Medicine of the University of Southern California and has also served as national chair of the Group on Student Affairs of the Association of American Medical Colleges (AAMC). He has also served as a clinical associate professor of family and community medicine, at Sidney Kimmel Medical College at Thomas Jefferson University.

His professional focus is to improve the quality of care provided to patients through effective assessment of health care professionals. He is committed to fulfilling the professional obligation of self-regulation; he recognizes that assessment systems drive learning and behaviour, ensure the satisfaction of education and training requirements, and provide valuable tools for the health professions to self-regulate in the best interests of our patients.

As faculty in USC's Department of Family Medicine he served as principal investigator of USC's Pacific AIDS Education and Training Centre. In cooperation with the Health Resources and Services Administration and the International Training and Education Centre for HIV, he has helped develop training programs and provide training for health care professionals in Ethiopia.

He is a member of the American Academy of Family Physicians and has served many organizations as a member, including the International AIDS Society, the American Academy of HIV Medicine, and in many roles on committees and task forces.

Ladies and Gentlemen, it is my proud privilege to present before this august audience a gentleman who is recognized internationally in the medical education and assessment community, both for his work at the NBME and in past roles advancing professionalism, HIV education, clinical training, and medical education administration: Dr Peter J Katsurfrakis.



Dr Peter Katsufakis, President and CEO, National Board of Medical Examiners

Chancellor Dr Pai, Dean Dr Prabhu, distinguished leaders of MAHE (Manipal Academy of Higher Education), esteemed faculty, graduates, family, and friends, I would like to thank you for coming to today's convocation. I also thank you for the invitation to participate in this milestone, both in the lives of your graduates as well as in the lives of this distinguished institution of higher education in India. These are indeed unprecedented times, and I regret that I am not able to be with you in person today.

I think the reasons for that are obvious. And I would look forward to sometime in the future when I might be able to visit your lovely campus and see a little bit of your part of the world. One thing to make note of at this point in our world history is how the importance of medicine has become even greater in the minds of both the public as well as many of the world's leaders. We are seeing that, also in young people of our country, within the US, we anticipate, although the final numbers are not in yet anticipated increase of almost 20% in the number of people applying to attend medical school for next year.

So clearly, medicine has assumed incredibly great importance in people's work in people's minds. On the other hand, I think this is balanced against fairly pervasive pushback against science and the importance of science in the world where we are experiencing both economic and political upheaval. I feel certain that we will look back on this moment in time for generations, and this may well be one of the most significant public health issues and emergencies in all of our lifetimes.

It is hard to imagine speaking to medical students in the year 2020 without mentioning the coronavirus pandemic and COVID-19. My comments arise from my observations and things I have learned throughout my career. As I talked today about the pandemic, I will also compare it to another pandemic, one that bookends my career in that it arose in the very earliest part of my development as a physician. I will use these two events in our world history to highlight some of the challenges and opportunities and in my mind, some of the obligations that we face as a profession that you all, as graduating members of the class of 2020, will face in your careers.





My comments are primarily directed to the graduates, but I hope they will be of interest to all. And in particular, I hope that family members and friends will listen and remind the graduates in the future, if need be, of some of the lessons and observations that I hope to share with you all today. I will speak to our roles as physicians, caregivers, leaders, and scientists. So let me first speak to our role as scientists. And here I am going to draw on the pandemic that was present when I began medical school.

So I started medical school in 1981. And that was the year that the first article about the Acquired Immune Deficiency Syndrome was published in the New England Journal of Medicine. Looking back, what a momentous time that was. We did not know what caused this new syndrome. There was some thought that it might be a virus, but not at all clear. And it took four years to develop a clinical test to identify people who had been infected with HIV.

Subsequently, two years later, we had the first medicine that was found to be effective against HIV. In retrospect, it was a fairly weak medication, but it was something much more than what we had previously. Yet it took another eight years beyond that for us to identify the first of a new class of medications, protease inhibitors, which truly showed an effect against HIV. And subsequently, the field has expanded such that today HIV truly is as was envisioned at the dawn of that pandemic, truly as a manageable infection that people can live with.

It is no longer the death sentence that it was when I started medical school. But in the case of HIV that transitioned from first identifying the syndrome until having effective medications took more than 15 years. Let us contrast that with the COVID-19 pandemic. So, the first cases of COVID-19 were identified just about a year ago in Wuhan, China. And at that time, the scientific community and the medical community mobilized so that within roughly a month after the first cases were identified, the causative agent, sars-

cov-2, had been identified and its genome had been sequenced.

Within weeks of that, a clinical test to diagnose the presence of the virus had been identified. And over the ensuing months, we have seen further elaboration of the pathophysiology of this virus. Then we have identified some early therapies and already in the world, people are being vaccinated and additional vaccines in development such that we can anticipate that by the end of 2021, significant number of people in the world may have been immunized against this.

So, from the period of roughly a year ago, we can anticipate a time that as a race, we will have made dramatic progress against this virus, substantially improved over HIV. So, I offer that because as we think about how difficult times are right now in times truly are difficult. I do not mean to diminish that. We need to recognize the value of our contributions and the contributions of our scientists to addressing this pandemic and to and to look with optimism to the future.

As you all, as you graduate go through your careers, I hope that you will remember this lesson and remember that science is fundamental to the practice of medicine. So, while you may be completing your medical education, the reality is that you will continue to be students, students of medicine, and students of science for the remainder of your careers. But that is not a burden. That is an opportunity. That is the opportunity to participate in the advance of the human race in the field of medicine.

I also mentioned, besides our role as scientists, that I wanted to speak a little bit about our role as leaders and here to let me draw some parallels between the two pandemics. So, when HIV was first identified, it was primarily identified in disadvantaged populations in North America and most of Western Europe. Those populations included injection drug users, men who had sex with men, and also small numbers, but meaningfully impacted individuals who

depended upon blood products for their health, such as haemophiliacs.

In India, the first cases of HIV were diagnosed in female sex workers. And that pattern was true in much of Sub-Saharan Africa as well. All relatively disadvantaged individuals are perhaps looked at by society. And this led to several challenges from a public health standpoint, in terms of mobilizing the resources, the education, the interventions that were needed to effectively address some of these needs. In that context, patients and physicians collaborating created an important partnership to bring to bear upon the political forces to mobilize resources that would subsequently be made available to treat that pandemic in the current environment.

We also, in many parts of the world, see that those who are most affected by COVID-19 are those who are disadvantaged, those who cannot afford to stay at home or work from home but must go out into the world in situations where they expose themselves and run the risk of contracting, contracting the coronavirus that has the potential to kill them. As health care workers, we are unusual in this sense in that while typically we are privileged in the society in this particular pandemic, we are also at substantial risk.

And there is one physician that I would like to mention because I think he is a very stirring example of leadership. And that is Dr Lee Wenling, you may not recognize that name, but you probably know Dr Lee Wenling's story. He is an ophthalmologist who was amongst the first physicians in the city of Wuhan to identify a new SARS-like illness in patients that he was seeing and he publicized social media as a way of alerting others. The local government punished humans as a consequences of that, but ultimately he was vindicated and subsequently in February of this year, unfortunately, succumbed to the COVID-19 disease only in his mid-30s. But I think he was a stirring example not only of the sacrifices that we sometimes have to make to care for our patients but also of the

strength and courage of speaking out when we have access to truth that needs to be heard even if that creates politically undesirable situations.

So, while you look to your futures, I want to make sure that you also embrace our role as physicians in leading that we speak the truth and speak the truth of science where that is needed that we serve as teachers educators translating the science and the technical knowledge that we have of medicine into information that can be useful to political leaders and even more so perhaps to the public that we serve in society at large.

Finally, the third rule that I want to mention is the role of caregivers. And I imagine that most if not all of you when you entered medical school entered it with the thought that you wanted to provide excellent care to patients for the rest of your lives. I think that is a laudable goal I appreciate that. I talk about being a caregiver though what does that mean well literally that means giving care, putting our patient's interests ahead of our own. Striving always to provide the best care possible doing the work that we need to do. The learning, the preparation, to be prepared to provide that care.

And then finally, to care, to value the trust that others place within us. And to serve those who entrust their lives to us. never failing to recognize and uphold that trust. Trust breached is trust lost and once lost, it is so difficult to regain.

As students, I know that you have worked very hard to master the knowledge, to develop skills, to learn the vocabulary that is necessary to undertake good diagnosis and identify effective treatments for your patients, and congratulations on all you have done for that.

However, and I exert you seeing us at this point sometimes there is no optimal therapy, there is no best treatment. Sometimes, through lack of the current status of medicine or because the disease has progressed



to such an extent that it is no longer effectively treated sometimes, we do not have treatments, that are curative. Sometimes what we have is considered almost useless.

However, it is never true that there is nothing else to do and if you take nothing away from my comments but this, I would hope that you never say to a patient or their family there is nothing more to be done. Because there is always more to be done. What is that? well, we can always listen attentively. Because listening provides comfort.

We can strive to alleviate symptoms not always possible but usually within our power especially alleviate unnecessary pain. And we can make sure that our efforts align with the wishes of our patients and their families so that we are working together to achieve whatever is in the best interest of that patient and in their desires we can always care.

Finally, what does it take to succeed as a physician? Well, it takes intelligence although that sometimes maybe overvalued and I say that based upon personal experience. And I was a finishing medical student in the last part of my last year. I was working in a hospital under the supervision of a resident and caring for a patient fairly independently and had identified something that nobody else had identified with that patient. So, I have in retrospect realized that I was fairly proud of my achievement and I think that while it was not obvious to me it was obvious to my resident, that I was pretty impressed with myself. Unfortunately, she was both a wise and kind person. And after I presented finished presenting to the patient to excuse me when I finished presenting the patient to

her she smiled and said you know Peter you do not need to be the smartest person to be a doctor but you need to be diligent. And what I realized was that while I thought that the value I had given to that patient was the relative brilliance I brought to the situation.

The real value was that I had worked hard and tried to find anything I could for that patient and that is a lesson. So, you do need intelligence clearly, you would not be here before in this august group today with you might intelligence but even more than that you need to be committed. Committed to long hours, continuous learning, and listening. Listening to patients, listening to your colleagues, and continuing to learn and understand.

So, intelligence commitment courage and courage for the reasons that I mentioned previously. Courage to speak truth to power, the courage to advocate for science, in the face of opposition, the courage to advocate for your patients when that is needed. And finally, we need resilience. Resilience to pick ourselves up when despite our best efforts our patients do not achieve the outcomes we had hoped for while we face other challenges in our professional life. Where things are not going well as they might in our personal lives. We need the resilience to stand up and to move on and to continue to strive to do the necessary work. The work of caring for the world. So once again I congratulate you today on all that you have achieved so far, on your good fortune and a good choice to have chosen a career which I have no doubt will bring rewards to you and those around you for the rest of your lives. Best wishes thank you.

FACTS AND FIGURES ABOUT GRADUATES

**Dr Sreejith G, Deputy Registrar, Evaluation MAHE presented
Facts and Figures about Graduates (same as Day 1 Presentation)**

CONFERRING THE DEGREES

ADMINISTERING OATH

Dr Sreejith G, Deputy Registrar, Evaluation MAHE administered oath to the students (same as Day 1 Presentation)

Dr TMA Pai Gold Medal

Sl. No	NAME	COURSE	INSTITUTION
1	Manoj M Wagle	Bachelor of Pharmacy	Manipal College of Pharmaceutical Sciences
2	Sunanda S Rao	ME (Big Data and Data Analytics)	Manipal School of Information Sciences



PhD AWARDS

Sl No	Name	Institution
1	Dr Durga Prasad	Manipal Institute of Technology
2	Dr Soumya Christabel	Manipal College of Nursing
3	Dr Ashith V K	Department of Sciences
4	Dr Hajare Anil Kashiram	MAHE Research Centres
5	Dr Thota V L Narasimha Rao	MAHE Research Centres
6	Dr Nataraj I M	MAHE Research Centres
7	Dr Ronita Mukherjee	MAHE Research Centres
8	Dr Ovee Harishchandra Thorat	MAHE Research Centres
9	Dr Rohan Pinto	Manipal Institute of Technology
10	Dr Krithica S	Manipal College of Health Professions
11	Dr Sumanth Joishy	Department of Sciences
12	Dr Nehate Sagar Purushottam	MAHE Research Centres
13	Dr Roopa B Hegde	Manipal School of Information Sciences, Manipal
14	Dr Sindhu H S	Department of Sciences
15	Dr Priyanka Chandrashekhar Bhakt	MAHE Research Centres
16	Dr Kavitha Keshava N	MAHE Research Centres
17	Dr Gurumurthy B M	Manipal Institute of Technology
18	Dr Eadala Sarath Yadav	Manipal Institute of Technology
19	Dr Girish H	Manipal Institute of Technology
20	Dr Prasanna Poojary	Department of Sciences
21	Dr Murali Murti	MAHE Research Centres
22	Dr Pramod Bhat Nempu	Manipal Institute of Technology
23	Dr Amreen Mahmood	Manipal College of Health Professions
24	Dr Shukal Dhavalkumar Keshavlal	MAHE Research Centres

PRESENTATION OF GRADUATES

Same as day 1 list presented



Dr R S Aithal, Director, International Centre for Applied Sciences, Manipal

Honourable Chief Guest of today's function, Dr Peter J Katsufakis and other distinguished dignitaries on and off the dais, ladies and gentlemen.

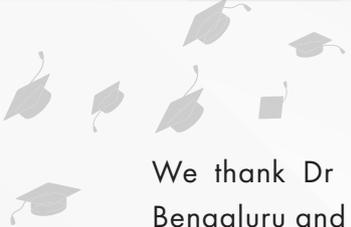
Due to continued COVID-19 pandemic, uncertainties and constraints, we, at MAHE are compelled to go for a Virtual Convocation in an attempt to make our graduates to receive their Degree Certificates in time. I consider it a great honour and privilege to propose the vote of thanks on this momentous occasion of the last day of the 28th e-Convocation-2020 of Manipal Academy of Higher Education.

I would like to take this opportunity to express our profound gratitude to the Chief Guest of today's function, Dr Peter J Katsufakis, the

President and CEO of the National Board of Medical Examiners, NBME.

Sir, your gracious presence and scholarly convocation address added lustre to this important academic function of our university. We are all inspired by your great words. Thank you very much Sir.

Let me express my sincere thanks to our respected Chancellor, Dr Ramdas M Pai, for his leadership support and encouragement in all the activities of our university. We also fondly thank Mrs Vasanti R Pai, the First Lady of MAHE and Trustee, MAHE Trust for her valued presence and for distributing the certificates to Dr T M A Pai gold medallists. Thank you, Madam.



We thank Dr Ranjan Pai, Chairman, MEMG, Bengaluru and all the members of the Pai family for their immense support.

Permit me to mention our sincere appreciation and gratitude to our Pro Chancellor, Dr H S Ballal for his great efforts towards the growth of this university and conferring the degree to the graduates.

I must mention our deep sense of appreciation and gratitude to our Vice Chancellor, Lt Gen (Dr) M D Venkatesh for leading and strengthening the academic and research activities of our university and presenting the Overview of MAHE.

I extend sincere gratitude to Dr Thammaiah C S, Pro Vice Chancellor, MAHE, for delivering the welcome address.

We express our gratitude to Pro Vice Chancellors of the university, Dr P L N G Rao, Dr Dilip G Naik and Registrar, Dr Narayana Sabhahit for their presence and gracing the occasion.

We would like to express our sincere thanks to Dr Vinod V Thomas, Registrar-Evaluation for his presence, Dr M Venkatraya Prabhu, Dean KMC Mangalore for introducing the Chief Guest, Dr Geetha Maiya, Director Students Affairs for presenting the awardees of Gold Medals and Dr Shyamala Hande, Director, Centre for doctoral studies for presenting PhD scholars.

I take this opportunity to thank Dr Sreejith G, Deputy Registrar-Evaluation for presenting Facts and Figures about Graduates and Administering the Oath to the Graduates.

Dear Graduates, it is your joyful day. I congratulate all the graduates who have been conferred their degrees today and our best wishes to each one of you. Thank you for responding positively to our invitation and special thanks to your parents and family members.

We are happy to express our gratitude to members of Trust, Board of Management, Academic Council, Board of Studies, Board of Examiners, Donors, well-wishers and officials from Manipal Group of Institutions, associated hospitals and organizations both from India and abroad for their unstinted support in all the university activities.

I also wish to place on record our wholehearted thanks to all the Head of Institutions, Deputies, Head of the Departments, Directors and Officials of the university, faculty, supporting staff and volunteers for their tremendous support.

All the members of the Press and Electronic media richly deserve our special thanks for their good support.

Special thanks to our Master of Ceremony, Dr Dhanya Sunil, Associate Professor, MIT.

Finally, I would like to take this opportunity to place on record our hearty thanks to Team Manipal for their enormous cooperation in the organization of this event.

Thank you one and all.

Dr H S Ballal, Pro Chancellor, MAHE declared the convocation closed

MASTERS OF CEREMONY

Convocation Day 1



Dr Anil Bhat, Associate Dean, KMC, Manipal

Convocation Day 2



Mrs Nivedita S Prabhu, Assistant Professor,
Department of Physiotherapy, MCHP

Convocation Day 3



Dr Dhanya Sunil, Associate Professor, MIT

“Educated and enlightened
children are an asset not only to
the family but to the whole nation”

- Dr TMA Pai

