



MANIPAL
ACADEMY of HIGHER EDUCATION
(Deemed to be University under Section 3 of the UGC Act, 1956)

MAHE

27th Convocation 2019

15, 16 & 17 November 2019
KMC Greens, Manipal





Madhav Nagar, Manipal 576104
Karnataka, India

www.manipal.edu



27th Convocation



15, 16 & 17 November, 2019
KMC Greens, Manipal

Program Schedule

DAY 1

November 15, 2019
3.00 pm | KMC Greens

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

DAY 2

November 16, 2019
3.00 pm | KMC Greens

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

DAY 3

November 17, 2019
3.00 pm | KMC Greens

- Procession
- National Anthem
- Invocation – University Anthem
- Welcome Address
- Overview of MAHE
- Introduction of Chief Guest
- Convocation Address
- Presentation of Memento
- 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

Note:
Please occupy your seats 30 minutes before the function
For live webcast, please visit <http://www.manipal.edu>
RSVP: 0820 2922390 or pro@manipal.edu



cordially invites you to the

27th Convocation

DAY 1 Friday November 15, 2019	DAY 2 Saturday November 16, 2019	DAY 3 Sunday November 17, 2019
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3.00 pm | KMC Greens, Manipal

DAY 1

Chief Guest: **Mr S Gopalakrishnan (Kris)**
Chairman, Axilor Ventures Pvt, Ltd, Bengaluru

DAY 2

Chief Guest: **Dr Shekhar C Mande**
Secretary, DSR and
Director General, Council of Scientific & Industrial Research, New Delhi

DAY 3

Chief Guest: **Mr Mahesh Shahdarpuri**
Founder & CEO
TASC Outsourcing, UAE

Dr H Vinod Bhat
Vice Chancellor

Dr H S Ballal
Pro Chancellor

Dr Ramdas M Pai
Chancellor

Program Day 1

15 November 2019

Contents	Page No
Procession	
National Anthem	4
Invocation – University Anthem	4
Declaration to Open Convocation	5
Welcome Address	6
Overview of MAHE	9
Introduction of Chief Guest	22
Convocation Address	24
Presentation of Memento	29
Conferring the Degree	30
Award to PhD Scholars	30
Award of Gold Medal	32
Presentation of Graduates	32
Vote of Thanks	40
Facts and Figures about Graduates	64
Administration of Oath	65

University Anthem



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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 ॥

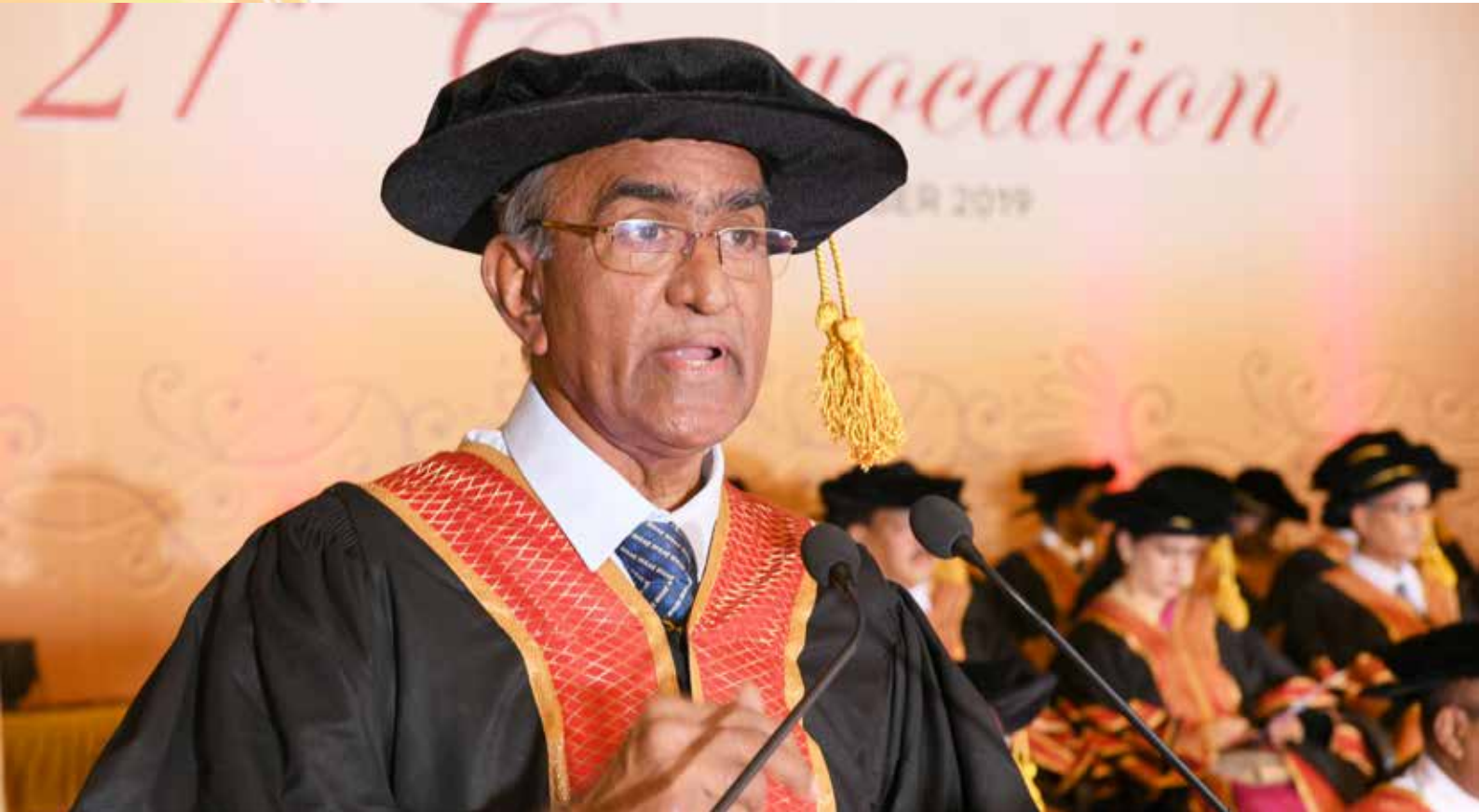
इमानि यानि पञ्चेन्द्रियाणि मनः षष्ठानि मे हृदिः
ब्रह्मणा संशितानि ।

यैरेव ससृजे घोरं तैरेव शान्तिरस्तु नः ॥

Dr H S Ballal, Pro Chancellor
declared the Convocation open



Welcome address



Dr V Surendra Shetty, Pro Vice Chancellor – MAHE
delivering the welcome address

Chief Guest of this evening
Dr S Gopalakrishnan, Chairman, Axilor Ventures Pvt Ltd, Bengaluru, Pro Chancellor
Dr H S Ballal, Mrs Indira Ballal, Mrs Vasanthi R Pai - Trustee MAHE, Vice Chancellor
Dr H Vinod Bhat, Dr (Mrs) Parvathi Bhat, pro vice chancellors, Dr PLNG Rao, Dr Abdul Razak, Dr Poornima Baliga and Dr Thammaiah, Dr Ranjan Pai - MD and CEO of Manipal Medical and Education Group, Registrar Dr Narayana Sabhahit, Registrar - Evaluation Dr Vinod Thomas, Director of 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 all of you.

I have great pleasure in extending a hearty welcome to all of you for honouring our invitation to commemorate the 27th convocation ceremony of Manipal Academy of Higher Education.

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 TMA 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 S Gopalakrishnan, Chairman of Axilor Ventures, an accelerator that helps start-ups during the early stage of their business journey. On behalf of MAHE, we are deeply appreciative and offer our most cordial and cheerful welcome to you sir.

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.

A respectful welcome to Mrs Indira Ballal.

We are delighted to have Mrs Vasanthi R Pai - Trustee MAHE with us today. A very gracious welcome to you madam.

It gives me great pleasure to welcome our vice chancellor, Dr H Vinod Bhat, who has been a part of the leadership team for years and is actively enabling the development of this University. I extend a pleasant welcome to you sir.

A cordial welcome to Dr (Mrs) Parvati Bhat.

I am delighted to welcome the pro vice chancellors - Dr PLNG Rao, Dr Poornima Baliga, Dr Abdul Razzak, Dr C S Thammaiah and Registrar Dr Narayana Sabahit.

We have amidst us Dr Ranjan Pai, MD and CEO of Manipal Medical and Education Group. It is our honour and privilege to have you here. I extend a most courteous welcome to you sir.

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 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.

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. Hearty welcome to all of them who have responded to our invitation.

It is a great day for the parents of graduates and post-graduates, who are to receive their degrees today. I extend a warm welcome to all of them, who have come in large numbers to share the joy of this occasion.

Last, but not least, the most important people of this convocation are the graduates, the post-graduates and the post-doctoral 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



Dr H Vinod Bhat, Vice Chancellor
presented an overview of the University

Chief Guest for the 27th Convocation of Manipal Academy of Higher Education, Mr Kris Gopalakrishnan, Pro Chancellor Dr HS Ballal, Trustee of MAHE Trust Mrs Vasanti R Pai, Pro Vice Chancellors Dr Surendra Shetty, Dr PLNG Rao, Dr Poornima Baliga and Dr Thammaiah, Chairman of Manipal Education and Medical Group Dr Ranjan R Pai, Registrar Dr Narayan Sabhahit; Registrar - Evaluation Dr Vinod Thomas, Director Centre for Doctoral Studies Dr Shyamala Hande, Deputy Registrars Dr Preetham Kumar and Dr Guruprasad, Director Student Affairs Dr Geeta Maiya; Heads of Constituent Units of MAHE, Members of MAHE Trust, members of the Board of Management and Academic Council, administrators, faculty, representatives of the media, 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 2018 to October 2019.

The Dawn of Manipal



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

Padmashree 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. I dedicate the recognition of MAHE as an Institute of Eminence to Dr Ramdas Pai and Mrs Vasanti R Pai.

Six Decades of Excellence



		701-750 QS World University Rankings India's Only Private University	
Universities – 9 th KMC, Manipal – 7 th		201-250 Pharmacy	350-400 Medicine
		Overall – 16 MCOPS – 07 th	198 QS AUR
			119 QS BRICS

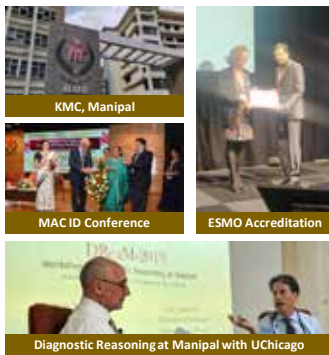
The year has been very kind to Manipal with national and global rankings. MAHE is the highest ranked private university from India in the QS World University list and in the NIRF list. Our two Medical Schools – KMC Manipal and KMC Mangalore are in the top 20 by NIRF rankings and MCOPS is at the seventh position. National rankings by

The Week placed MAHE at number one position in the list of private universities for the fourth year in a row.

Kasturba Medical College, Manipal



- **Rankings**
 - NIRF - 07
- **Awards**
 - Kasturba Hospital nominated for CSR Health Impact Awards
 - European Society of Medical Oncology accredits MCCC
 - DReAM workshop with the University of Chicago
- **International Events**
 - Third Manipal International Infectious Diseases Conference
- **New Developments**
 - Advanced Urodynamic Laboratory inaugurated Care
 - Manipal Poison Information Center enlisted by WHO



Dr. Sharath Rao
Dean

Inception : 1953
 Programs : 55
 Students on roll : 1854
 Teaching staff : 480
 Associate staff : 253

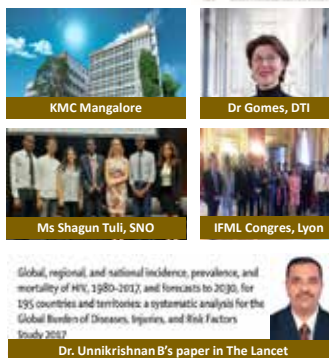
Kasturba Medical College, the flagship institute of the university, continues to be in the top ten medical schools of the country for the sixteenth year in a row. The collaboration with University of Chicago in reinforcing medical curriculum through innovative methods continues to gain traction with faculty and students. The year saw introduction of several clinical sub specialties

and the starting of an industry sponsored laboratory in neurophysiology. With a molecular neurophysiology facility in the School of Life Sciences, a very well developed clinical facility in neurology and neurosurgery and three Ramalingaswami Fellows in the system, KMC Manipal is ideally positioned for exciting breakthroughs in degenerative brain disorders.

Kasturba Medical College, Mangalore



- **Ranking**
 - Sixth among top medical colleges in India: NIRF, 2019
- **Important events**
 - An interactive session with Dr. Maria Paula Gomez, Executive Director, DTI, Barcelona, Spain
 - Second Indo-French International Forensic and Medical Law Congress at Lyon, France
- **Notable Achievements**
 - Ms. Shagun Tuli, elected as the Regional representative for South East Asian Countries for 2019-20.
 - Dr Unnikrishnan B, published a systematic analysis for the Global Burden of Diseases in The Lancet



Dr. M. V. Prabhu
Dean

Inception : 1955
 Programs : 25
 Students on roll : 1535
 Teaching staff : 374
 Associate staff : 331

KMC, Mangalore is the finest example of Public Private Partnership in medical education and patient care. The new Rural Training Centre in Kateel in collaboration with Durga Sanjeevini Trust became operational earlier this week.

Manipal Institute of Technology

- Rankings**
 - Among top 1% technical institute in the country
- Notable Achievements**
 - Internshala Internship Award – 1st in Karnataka
- Important Events**
 - NBA Team Visit (Accredited 9 programs in Round 1)
 - DISCOVER 2019 – IEEE International Conference
- New Developments**
 - Sandwich BTEch programs with Industry
- Awards**
 - Project MANAS, 1st place, IGVC, Michigan USA
 - Prof. Anu Shaju Areeckal, ECE, GYTI-2019 Award
 - Prof. Sampath Kumar, ECE, winner of Elevate 2019
 - MRM, Barainca award for the Best Science team in URC



Dr. D Srikanth Rao
Director

Inception : 1957
Programs : 46
Students on roll : 9500
Teaching staff : 660
Associate staff : 1181



Manipal Institute of Technology is the largest constituent unit of MAHE and the rising star of the university in its research output. Student projects continue to win awards and accolades in India and abroad.

Manipal College of Pharmaceutical Sciences

- Ranking**
 - NIRF: seventh; QS World Subject Ranking: 201-250
- International Events**
 - Fourth International Conference on Clinical Pharmacy
 - Sixth International Congress of the Society for Ethnopharmacology, India
- New Developments**
 - Four Patents – Published
- Awards and Recognitions**
 - Dr. N. Uudpa, Lifetime Achievement Award
 - Dr. Krishnamurthy Bhat, Antarctica Expedition
 - Dr. Abhijeet Pandey, EMBO Fellowship
 - Mr. Naman Gupta, Australia Awards Scholarship



Dr. B Mallikarjuna Rao
Principal

Inception : 1963
Programs : 06
Students on roll : 917
Teaching staff : 70
Associate staff : 65



Manipal College of Pharmaceutical Sciences has improved its position in QS World Rankings for Subjects to be in the 201 – 250 range. MCOPS has the largest number of doctoral students among all the constituent units of MAHE.

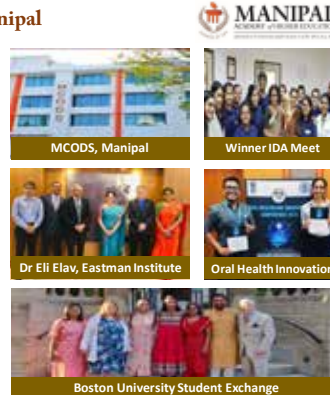
Manipal College of Dental Sciences, Manipal

- Ranking**
 - No. 1 among private institutions (The Week Hansa)
- Important Events**
 - SRF CREST and RISE May 2019
 - MIDST August 2019
 - Boston Student Exchange
- New Collaboration**
 - Rochester University Eastman School of Dental Medicine
- Notable Achievements**
 - Six CPDs, 15 Guest Lecture
- Awards**
 - Six Faculty Awards; 16 Student Awards



Dr. Keerthilatha M Pai
Dean

Inception : 1965
Programs : 11
Students on roll : 697
Teaching staff : 88
Associate staff : 89



Manipal College of Dental Sciences, Manipal is the number one dental college in the country for yet another year. University of Minnesota's FHI 360 grant identified MCODES, Manipal for training Afghan dentists in advanced specialties.

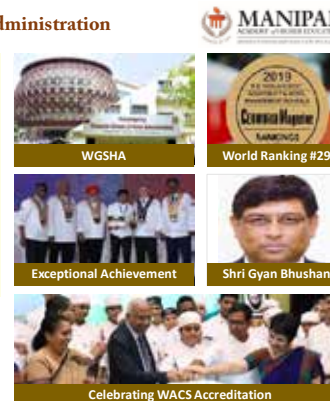
Welcomgroup Graduate School of Hotel Administration

- Rankings**
 - #29 in the World 2019 (CEOWORLD Magazine)
 - #1 by GHRDC, #2 THE WEEK, OUTLOOK, INDIA TODAY
- Notable Achievements**
 - Accredited by World Association of Chefs' Societies
 - Accredited by Indian Federation of Culinary Associations
- New Developments**
 - Student and Faculty Mobility Program with NCHMCT
 - Student run restaurant
- Awards and Recognition**
 - Exceptional Achievement Award to Principal - Chef K Thiru at IFCA Conference 2019



Mr. K Thiruganasambandham
Principal

Inception : 1986
Programs : 5
Students on roll : 1426
Teaching staff : 46
Associate staff : 106



WGSHA has been recently ranked the 29th best hospitality school in the world by CEO World. It has been accredited by Indian Federation of Culinary Associations (IFCA). The construction of the new edifice is under way and we will be ready to move to the new premises in July 2020.

Manipal College of Dental Sciences, Mangalore

- Rankings**
 - In the top five among the private dental colleges
- Achievements**
 - 70/100 students secured PG admissions all over India
 - Undergraduate Research Conference in Education
 - MoU with the University of Hong Kong (HKU)
- New Developments**
 - Micro implants for Anchorage – A Certificate Course
 - High End Surgical Microscope
- Awards**
 - Eight awards at fifth National Guidant Awards



Dr. Dilip G Naik,
Dean

Inception	: 1987
Programs	: 15
Students on roll	: 567
Teaching staff	: 79
Associate staff	: 137



MCODS, Mangalore



Winners - Guidant



With Dr. Neelakantan, HKU



Surgical Microscope

MCODS, Mangalore has been placed in the top five private dental colleges in all the three surveys. The national undergraduate research conference organized by the students is one of its kind in India. In the last edition, over 500 student delegates attended and 180 papers and posters were presented.

Manipal College of Nursing

- Ranking**
 - In the top five among nursing colleges in India
- Important Events**
 - Short term course on Geriatric Healthcare and Research
 - International Student Placements
- Notable Achievements**
 - SPARC Grant 'Indigenizing Evidence Synthesis and Systematic Reviews for International Development'
- Recognition**
 - Mutual Recognition Agreement (MRA) between Republic of India and Republic of Singapore



Dr. Anice George
Dean

Inception	: 1990
Programs	: 13
Students on roll	: 478
Teaching staff	: 52
Associate staff	: 18



MCON, Manipal



Dementia Symposium



MoU – Malmö University



Mental Health Week



Study Abroad Students from Ngee Ann Polytechnic

Manipal College of Nursing is one of the two institutes of MAHE to have been awarded the prestigious SPARC grant of MHRD. MCON is ranked number three among the 1623 nursing Colleges in India.

International Centre for Applied Sciences

- Important Events**
 - Celebrated Silver Jubilee of International Transfer, Twinning Program in Engineering in the presence of HE Susan Grace, Australian Consul-General of India
- New Articulations**
 - University of Adelaide, Adelaide
 - University of New South Wales, Sydney
 - University of North Texas, Denton
- Recognition**
 - Seven Distinguished alumni were honoured

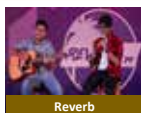


Dr. Radhakrishna Aithal
Director

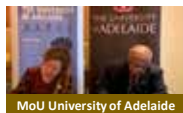
Inception	: 1994
Programs	: 01
Students on roll	: 230
Teaching staff	: 09
Associate staff	: 07



ICAS



Reverb



MoU University of Adelaide



Lancaster Fellowship



Silver Jubilee Celebration



Distinguished Alum

International Centre for Applied Sciences, in its 25th year since inception, 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**
 - Sixth Rank (India Today & Outlook)
- Important Events**
 - Fifth MV Kamath Endowment Lecture: Raj Chengappa
- New Developments**
 - Course on Animation, Sports Communication
- Awards**
 - Two students to Metropolitan University Prague
 - Dr. Padma Kumar K - ASSDEC travel fellowship
 - Dr. Nandini – Award for Innovation in teaching



Dr. Padma Rani
Director

Inception	: 1997
Programs	: 08
Students on roll	: 566
Teaching staff	: 22
Associate staff	: 30



MIC



Pro. Verb 2019



MIC Library



Dr. Nandini L



Mr. Raj Chengappa - MV Kamath Endowment Oration

Manipal Institute of Communication is rapidly transforming from being a teaching institution to one that is deeply engaged in research. The institute attracts international students from Norway, the Netherlands, Germany and France and offers exchange opportunities for its students as well.

Melaka Manipal Medical College

- Important Events**
 - Outreach Activities: Hand washing and Book donation at Govt. School and Nehru Nagar slum visit
 - Workshop – CVS Studies
- International Visitors**
 - Dr KS Guruswamy, Dr Adam Husein, Dr Smitha Sunil, Dr Marina BMB, Dr Yabitha Vasavan
- Awards**
 - Ashwini AP – Travel Fellowship by AICC RCOG
- Accreditation**
 - Five year Malaysian Qualifying Agency Accreditation
 - Six strand, System based & Integrated curriculum



Dr. Ullas Kamath
Dean

Inception	: 1997
Programs	: 02
Students on roll	: 617
Teaching staff	: 131
Associate staff	: 25



The medical and dental programs of Melaka Manipal Medical College are conducted in the twin campuses at Manipal and Melaka.

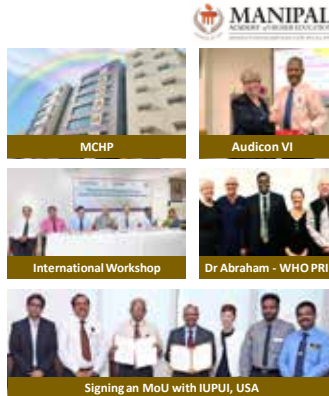
Manipal College of Health Professions

- Notable Achievements**
 - First and the Largest Health Professions Institution
 - 20 Adjunct Faculty and 88 PhDs
- Important Events**
 - Audicon VI - National seminar on Auditory Processing Disorder: An update
 - 14 Research training programs
- New Developments**
 - Indiana University Purdue University Indianapolis (IUPUI), USA collaborative HIM program
 - Articulation program in Esc &SS discipline with Deakin University, Australia



Dr. G Arun Majya
Dean

Inception	: 1999
Programs	: 55
Students on roll	: 2234
Teaching staff	: 158
Associate staff	: 13



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.

Manipal Institute of Management

- Ranking**
 - 76-100 band in Management category
- Important Events**
 - Management Development Program for the District Development Managers of NABARD
 - Cyclathon as part of FIT INDIA Movement
- Notable Achievements**
 - Alum Mr Ajay Desai, Head, HR, SD Corp, featured in Corporate Citizen Magazine
 - Shambhavi Bhandarkar, VP, Niveus Solution, lectured Survival of the fittest at work
 - Dr. Pallavi Upadhyaya and Dr Rajasekharan Pillai's research paper, Ranked A in ABDC Journal Listing



Dr. Raveendranath Nayak
Director

Inception	: 1999
Programs	: 03
Students on roll	: 353
Teaching staff	: 20
Associate staff	: 13



Manipal Institute of Management has started a signature two country Global MBA Program that is proving to be very popular. The Indo German Center for Applied Research and Academic Exchange is run out of MIM

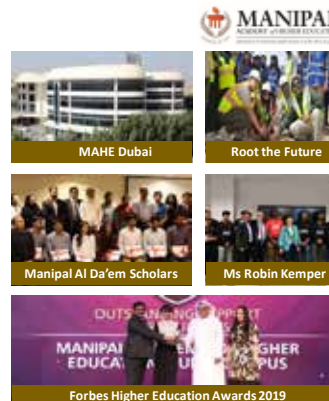
MAHE Dubai Campus

- Ranking**
 - Four Star Rating KHDA's HECRF Rating System
- Important Events**
 - Manipal Al Da'em Scholarship Programme
- Notable Achievements**
 - Chartered Institute of Architectural Technologists (CIAT) accreditation for one year
 - Awarded Research Grant with Zayed University
 - Outstanding Support for Students Award
 - Visit of Ms. Robin Kemper (ASCE President)
 - Collaborate with TSI for Professional Certification



Dr. Kota Reddy
Academic President

Inception	: 2000
Programs	: 35
Students on roll	: 2290
Teaching staff	: 78
Associate staff	: 54



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

Manipal School of Information Sciences

- Important Events**
 - Analog Design using FinFET
 - Probabilistic Models in Information Retrieval
 - Machine Learning using Python
- Notable Achievements**
 - ME – Vehicular Embedded Systems;
 - ME – Healthcare Data Analytics
- New Collaborative Research Projects**
 - Samsung R & D, Bengaluru, Mobile ODT Ltd.
 - St. Cloud State University
- Awards**
 - Alumnus Anil M. Prabhu, CEO, AMPWORK Pvt. Ltd. was honored with "Emerging Company Award"



Dr. Ramashesa CS
In charge Director

Inception	: 1998
Programs	: 12
Students on roll	: 474
Teaching staff	: 26
Associate staff	: 09



MSIS



M Qadir Baig - UPSC Topper



EFREI – SAP Summer Batch



MSIS Partners



Mr. Anil Prabhu

MSIS conducts post-graduate programs in medical software, embedded systems, semiconductor chip design, virtualization, big data science, cloud computing and internet of things. All the programs are industry supported. The school runs collaborative post graduate degree and study abroad programs with universities in Europe, USA and UK Philips Innovation Campus has hosted

an artificial intelligence platform called "HealthSuite Insight" which can be accessed remotely by all the institutions of MAHE.

Manipal School of Life Sciences

- Important Events**
 - 40th & 41st DAILAB Webinar series
- Notable Achievements**
 - Two Centres: Ayurveda Biology and Genome Instability
- New Developments**
 - Grants sanctioned: 11 Government & 4 Industry
 - Papers: 20; Patents filed: 1; Fellowship/Travel: 19
- Awards**
 - Dr Raghu Radhakrishnan - Wellcome Trust DBT IA Fellow
 - Dr Gireesh G - DBT Ramalingaswamy Fellow
 - Mr Soumyabrata Banik – Winner, Anveshan 2019
- Eminent Guests**
 - Dr Ranil De Silva, University of Jayawardenepura SL



Dr. K. Satyamoorthy
Director

Inception	: 2002
Programs	: 08
Students on roll	: 370
Teaching staff	: 26
Associate staff	: 41



MSLS



Prof. Ranil De Silva



DAILAB Webinar Series



Anveshan I Prize



With Dr Satish Reddy, Chairman, DRDO

MSLS houses the TIFAC Center of Excellence in Pharmacogenomics and has had several prestigious grants during the year. The institute also has three high visibility centers – Manipal-AIST Advanced Research and Training Centre in Biomedical Sciences with AIST, Tsukuba Japan, the Centre for DNA Stability with Erasmus Medical Centre, Rotterdam and the Centre for Ayurvedic Biology.

Manipal Institute of Regenerative Medicine, Bangalore

- Important events**
 - Celebration of National Technology Day
 - 10 Seminars and Lectures for Masters Course
- Notable Achievements of the institution**
 - DST FIST Grant for Research Infrastructure Support from the Govt. of India
 - Ongoing Projects – 7
- New Collaborations**
 - National University of Singapore
 - NCBS, Bangalore
 - Conference Travel Awards - 5



Dr. Gopal Pande
Dean

Inception	: 2007
Programs	: 4
Students on roll	: 45
Teaching staff	: 11
Associate staff	: 16



MIRM Bangalore



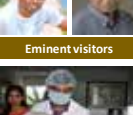
DST FIST Sponsored Lab



National Technology Day



Eminent visitors



Advanced Facility

Manipal Institute of Regenerative Medicine in Bangalore works exclusively in the field of Stem Cells. The school had several faculty 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 Govt. of India

Manipal School of Architecture and Planning

- Rankings**
 - #7 Dsrhti Architecture colleges Survey
 - #1 GHRDC Architecture College Survey
- Important Events**
 - Workshop - 1 New Horizon for Architecture Education in India with Aga Khan Trust for Culture
 - Guest Lecture - Dr N V Narasimhan, Principal Architect of Venkataraman Associates
- Notable Achievements**
 - OBE for Architecture - First in the country
 - Prof Sanghamitra Roy - Co PI on WOTRO Grant
 - Dr. Veena Rao - PI on a DST approved Grant



Dr. Deepika Shetty
Director

Inception	: 2010
Programs	: 02
Students on roll	: 1100
Teaching staff	: 85
Associate staff	: 21



Faculty of Architecture, in collaboration with Deakin University, Australia and IIUM, Malaysia has successfully conducted the international Studio in Manipal.

Prasanna School of Public Health

- Rankings**
 - #20 MSW (India Today)
- International Event**
 - Third Manipal International Infectious Diseases Conference with McGill University, Canada
- New Developments**
 - New Innovative Organizational Structure
- Notable Achievements**
 - Erasmus+ - Prevent-T on Anti-Microbial Resistance
 - Hosted Grand Challenge Udipi, 2019
- Awards**
 - Yufong Health Literacy Award to Ms. Usha Rani
 - Erasmus+ KA 107 ICM for Dr. Arathi Rao



Dr. Helmut Brand
Director

Inception	: 2017
Programs	: 05
Students on roll	: 271
Teaching staff	: 26
Associate staff	: 11



Prasanna School of Public Health has signed a strategic partnership agreement with The George Institute, New Delhi. The School has now reorganized its departments differently and is working on a European accreditation.

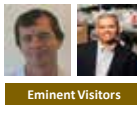
Manipal Institute of Virology

- Important events**
 - DRDO - Expert committee review - Bio threat agents
- Notable Achievements of the institution**
 - Center of Excellence by Global Virus Network
 - Member of WHO GOARN
- New Developments/Collaborations**
 - Lead - DBT BIRAC funded Chikungunya consortium
 - Partner - DBT BIRAC funded Dengue consortium
 - Partner - EU Horizon 2020 – DBT Next Gen Influenza Vaccine grant ENDFLU consortia
- Awards and Recognition**
 - Dr Arun Kumar – Nominated as WHO working group member on pandemic influenza special studies



Dr. G Arun Kumar
Director

Inception	: 2019
Programs	: 02
Students on roll	: 17
Teaching staff	: 05
Associate staff	: 51



Manipal Institute of Virology is the youngest of MAHE institutions. It has been recognized as a Centre of Excellence by Global Virus Network. MIV leads the consortium funded by DBT BIRAC for work on Chikungunya vaccine.

Manipal Centre for Humanities

- New Developments**
 - Manipal-Samvaad Centre for Indian Music inaugurated
 - National Conference on Creativity in Khayal Music
 - Symposium on “Women in the Field” by the Centre for Women's Studies
- Recent Events**
 - Writer in Residence Program
 - Interfaith Dialogue - Panel discussion initiated by British High Commission
- Public Interaction**
 - With noted writer and editor Vivek Shanbhag



Dr. Nikhil Govind
Head

Inception	: 2010
Programs	: 04
Students on roll	: 80
Teaching staff	: 10
Associate staff	: 03



Manipal Centre for Humanities houses the well-known KK Hebbar Art Gallery and the Vyasaray Ballal library. This year we have started the Manipal–Samvaad Centre for Indian Music.

Manipal Centre for Natural Sciences

New Developments

- Member, GSI-FAIR Super-FRS Experimental Collaboration Agreement with representatives from 31 other countries

Achievements

- Research visit, Chiba Institute of Technology, Japan for project on Japanese asteroid mission, Hayabusa – 2
- International exchange initiated in theoretical physics under the Ministry of Science and Technology (MoST), Taiwan

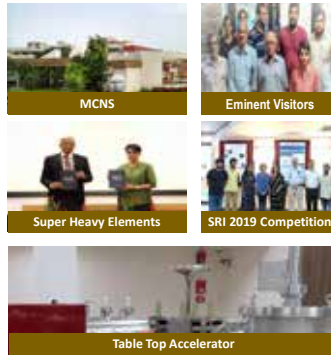
Important Events

- Summer Research Internships 2019 (SRI 2019) – Five Fellowships offered in Computational Biology, Theoretical Physics and Observational Astrophysics.



Dr. Mohini Gupta
Director

Inception	: 2012
Programs	: 04
Students on roll (PhD)	: 03
Researchers/JRFs/PDFs	: 14
Associate staff	: 07



Manipal Academy of Banking

MAHE-Bengaluru Campus

- Public Sector, Private Sector, Small Finance Banks, Insurance Sector, NBFSCs, International Partnerships
- Partnership with new clients
 - Canara Bank, SBI, South Indian Bank, Royal Sundaram, HDFC ERGO
- New Projects
 - Launch of WILP – MBA Program
 - Partnership with new clients – PGDBF

Work in Progress of ISO

ISO 17024 Certifying Body Accreditation Project for certifying role specific competencies

Work in Progress of ISO

Modular Approach and Nugget Based Learning

Launch of WILP –MBA Program



Dr. C.S. Tharmalial
Pro-Vice Chancellor |Corporate Academia Engagement|



Incubators



Dr. Y. Shrihari Upadhyaya
CEO, MUTBI



Dr. Manesh Thomas
CEO, Manipal –GoK Bioincubator

University Departments

Dr. Sandeep Shenoy Commerce (2007)	Dr. Arvind Kumar Geopolitics & International Relations (2007)	Dr. Santhosh C Atomic and Molecular Physics (2008)
Dr. Padmalatha Sciences (2009)	Dr. Neeta Inamdar Manipal Centre for European Studies (2009)	Dr. Shivanand Bhat Library and Information Sciences (2011)
Dr. Senthil Kumaran Allied Hospitality Studies (2012)	Mr. Vasanthan Sigamany Welcomgroup Academy of Culinary Arts (2012)	Dr. Veena Rao Design (2012)
Mr. Srinivas Kumar Acharya Philosophy (2019)	Mr. Rahul Putty Languages (2019)	

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

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.

In its tenth year, MUTBI Society has added a second incubator to MAHE. The Bioincubator with focus on startups in Medical Devices, Drug Discovery and Molecular Diagnostics has received 55 million Rupee funding from Govt of Karnataka.

The University has 11 departments in addition to the 19 constituent institutes. The postgraduate programs in Humanities, European Studies, Philosophy, Languages and International Relations are undoubtedly the best in the country.

100+ Specialized Centers



The University has set up 103 unique centres, 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 centres bring a fresh look to the university through their work.

Excellence in Education



Dr TMA Pai PhD Scholarship Program

120 fully funded research projects and scholarships for PhD

Excellence In Education

1:10 Staff: Student	75:25 UG PG Mix	+33 Open Electives	+10 Masters Program	77% E-Pads for Exams	45cr Scholarships and Bursary	10 Counseling Cell
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We are in the process of converting all our programs to Outcome Based Learning. 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



Centers of Excellence (Externally Funded)

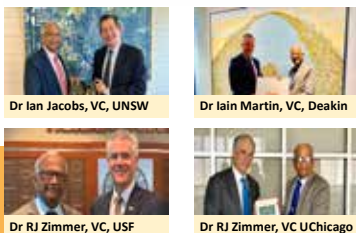
1. MAHE- NTRO Centre for Excellence in Avionics and Navigation
2. Jean Monnet Centre of Excellence
3. Centre of Excellence in Bio-photonics
4. DST- TIFAC Centre of Relevance and Excellence in Pharmacogenomics
5. VGST Inborn Errors in Metabolism

- Successful SPARC Proposals: 2
- New Research Facilities: 2
- MAHE-UNSW Research Seed Grant: 44
- Publications in Top 10% Journal Percentiles: 12.2%

267 PhD Enrollment	0.75 Field Weighted CI	37Cr Funding Received	2323 Research Publications	03 New Startups	12 Copyrights Filed	22 Patent Applications	02 Technology Transfers
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Faculty have demonstrated remarkable industry in applying for research grants from Indian and international funding agencies. The research output for the year is 25% higher than the previous year with a significant improvement in quality as well. We are aiming to enroll 1000 PhDs per year by 2022.

Expanding Reach and Internationalization



<ul style="list-style-type: none"> • Australia Awards Scholarship awarded: 1 • Erasmus+ CBHE Grants: 2 • Cotutelle PhD Enrolment with Deakin: 3 • DUO-India Fellowship Programme: 1 	20.96% Internationally authored papers	+29 New MoUs Top 500 (WUR)	5 Partners in the Top 50
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International collaborations have been redefined in the current year by signing landmark partnership agreements with some of the top 100 Universities of the world. With equal allocation of resources from both partners, we are beginning to see some exciting outcomes already.

Effective Engagement and Alumni Relations

- MAHE granted **Skin Bank Project** from Rotary International and the Rotary Foundation
- MAHE Alumnus awarded **Chevening Scholarship** to pursue Masters in Public Policy program at King's College London



Dhananjay Kumar
Chevening Scholar



Shreyans Mehta's "MedCords"
awarded \$5000 by WhatsApp



Dr Kiran Challaguntla: PV Sindhu's Physio



Dy. Chief Minister Karnataka

Engagements and Societal Impact

165
Books from
MUP

20
Fund Raising
Activities

06
Weekly
Service VSO

Focus on building a strong Bursary for Need Blind admissions



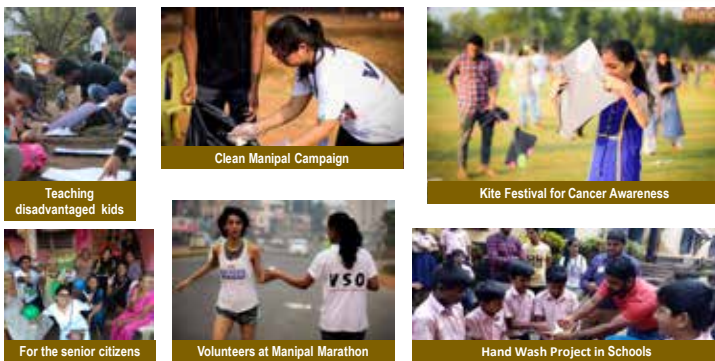
MAHE is strongly committed to making quality healthcare and education available to everyone irrespective of their ability to pay. We have created three verticals in the endowments – Scholarship, Healthcare and Research with inflows expected from benefactors, alumni and corporates. We are aiming at a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

Enabling Foundation and Sustainability Mission



With 14 new projects underway, we are aware of and sensitive to creating and preserving a sustainable and green campus. We have successfully harvested rain water by excavating a new water body in Manipal and have planned to do two more.

Volunteer Services Organization of MAHE



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.

Eminent Guests and Ambassadors of MAHE



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

Sporting Events



South Zone Junior Athletic Meet



Inauguration of Boxing Arena



Manipal Marathon for Mental Health



Squash Racket Championship



Manipal Runners Club - Beach Run

Manipal Half Marathon has been recognized as the third best in India. This signature event attracts runners from all parts of the country and Africa.

Cultural Feast



Ms. Chaitra HG



Mayurbhanj Chou Dance



Ottan Thullal



m.i.l.a.p. '19



Flute Sisters at SPIC MACAY



Mahamantri Dushtabuddhi

Between May and November 2019, Cultural Coordination Committee hosted wide ranging cultural programs, including a SPICMACAY circuit, for the fourth year in a row. The third edition of Manipal International Literary and Arts Platform (m.i.l.a.p.) was organized earlier in the month.

MAHE Leadership and Functional Heads



I am fortunate to have unconditional support of the Board of Management, Academic Council, Finance Committee and the administrative and academic leaders of the University. The heads of the University's functions and their teams have contributed immensely during the year in taking us higher. I expect the same level of commitment and assistance in the coming years as well.

The Future of Manipal



Mrs. Shruti R Pai and Dr. Ranjan R Pai
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 him for support in our climb up the global position.

Future Plans



Manipal Tata Medical College, Jamshedpur

Setting up of two new institutions

Need blind admission process

Increase co-supervised PhDs with top 500 universities

Increased enrollment of international students

Allocate Faculty Development Fund

The location for a new campus in Bangalore is being readied and we hope to commence the construction in the next few weeks. The New Medical college in Jamshedpur with the Tata group is awaiting approval and we are optimistic of an early start. We will be going for NAAC reaccreditation in 2021 by which time we expect to be the best private University in the country by some distance.

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



@DrHVinodBhatt



@ManipalUni

Introduction of the Chief Guest



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

Respected dignitaries on the dais and off the dais, graduates, parents and friends.

It is my honour and privilege to introduce the chief guest of today's function, Mr Senapathy Gopalakrishnan, popularly known as Kris Gopalakrishnan. He is the chairman of Axilor Ventures, a company supporting and funding start-ups. Kris served as the vice chairman of Infosys from 2011 to 2014 and the chief executive officer and managing director of Infosys from 2007 to 2011. Kris is one of the co-founders of Infosys. He was elected as the president of India's apex industry chamber -

Confederation of Indian Industry (CII) for the year 2013-14.

Gopalakrishnan was born in Thiruvananthapuram, where he spent his school days. Gopalakrishnan obtained an MSc in Physics and MTech in Computer Science from IIT, Madras. He started his career as a software engineer with Patni Computer Systems, Mumbai, in 1979. In January 2011, the Government of India awarded Mr Gopalakrishnan the Padma Bhushan, the country's third-highest civilian honour.

Mr Gopalakrishnan serves on the Board of Governors of Okinawa Institute of Science and Technology (OIST) and is the chairman, Board of Governors of IIIT, Bangalore. He is the chairman of the Vision Group on Information Technology of Karnataka Government and the Chairman of the CII start-up council. Mr Gopalakrishnan is the chairman of Itihaasa Research and Digital, which publishes history of Indian IT industry as "itihaasa" app, as well as reports on industrial and academic research in India. Gopalakrishnan has contributed Rs 225 crores to develop a Centre for Brain Research

at the Indian Institute of Science in Bangalore. He is the donor of the largest philanthropic gift ever received by the 105-year-old institute from an individual. He has contributed an additional Rs 60 crores to set up the distinguished visiting chairs in neuro computing and data science at the Indian Institute of Science, Bengaluru and Indian Institute of Technology, Madras.

Quoting Mr Gopalakrishnan himself "Building a business takes time. It's not a sprint; it's a marathon," It is my pleasure to introduce Kris Gopalakrishnan to you all.



Convocation address by the Chief Guest



Mr. Senapathy Gopalakrishnan (Krish), is Chairman of Axilor Ventures, a company supporting and funding startups.

It is an honour and privilege for me to be with you on this important and happy occasion. Congratulations to all the graduates, your teachers and parents.

My congratulations to Manipal Academy of Higher Education for being conferred the prestigious status as an "Institution of Eminence".

Convocation is an important milestone. It is a day we formally step forward into the next chapter in our lives. I have titled my talk as "Navigating Disruptions". We are living in interesting times with emerging technologies, creating multiple disruptions in industry,

economy and our lives.

This is the era of the fourth industrial revolution, which is powered by several technological advances. It is characterized by a fusion of technologies that is blurring the lines between the physical, digital and biological domains. There is tremendous disruption at the edge and at the intersection of the emerging technology domains and economic activity. Some of the technologies defining this era are:

- Digital computing, which is increasing in power and decreasing in cost.

- High-speed Internet and ubiquitous connectivity of up to 300 Mbps powered by 5G bring ultra-fast access to information from across the world.
- Mobile phones that bring amazing computing power at very low costs in the hands of every human being.
- Social networking sites that provide collaboration and communication platforms to connect people, communicate and enable action.
- Robotics and drones that can completely automate personal transport and logistics.
- Nanotechnology, which among others, can be used in water purification and environmental clean-up applications.
- IoT and sensors which provide real-time data, and hence a provision of control to machines as diverse as airplanes, electric utility meters, personal blood sugar monitors, etc.
- 3D printing, especially 3D bioprinters, that can print human organs,
- Augmented reality and virtual reality that can revolutionize diverse fields like education and field service,
- Blockchain that has the potential to speed up back office settlement systems in banks and improve efficiency, integrity and trust many fold.
- Renewable energy that is environmentally friendly and smart grids that help to judiciously use and conserve power by matching supply and demand on a real time basis.
- Biology and gene editing that can potentially provide treatment and cure to diseases like AIDS and cancer.
- Recently, there have been press reports about us achieving a “quantum supremacy” breakthrough, where a quantum computer solves a problem in seconds which a powerful supercomputer will take 10,000 years to solve.
- Last but not the least, AI (artificial intelligence) is becoming one of the most important technologies of all time.

The march of information technologies in the past few decades have meant IT platform companies like Microsoft, Amazon, Apple, Alphabet (parent company of Google) and Facebook are companies with the largest market capitalization in the world today. They were all start-ups in the not too distant past; the oldest being Microsoft which was founded in 1981. It is interesting to note that none of the companies existed fifty years back. Of these companies, only Microsoft existed twenty-five years back. Facebook, the youngest was founded in 2004.

All these companies have one common thread. They leveraged technology innovations that were emerging when they were founded and disrupted existing business models. The classic example is Amazon that leveraged e-commerce related technologies, including the growth of Internet access, web technologies and secure online payments to disrupt the prevailing retail business model. These companies have become so powerful that different countries are considering regulations to control their powers.

The next wave of start-ups is continuing to disrupt traditional industries and is navigating a new path. Uber is at the convergence of mobile technology, including mobile payments and the transportation sector. Airbnb is at the convergence of internet technologies and hospitality. Paytm is at the convergence of mobile technology and payments/banking. In fact, not so long ago, Indian start-ups

were starting their pitch with the phrase “We want to be the Uber of...!” This hectic pace of disruptions is a result of the rapid advances we are making in creating new knowledge.

In the book *Critical Path*, futurist and inventor Buckminster Fuller estimated that if we took all the knowledge that mankind had accumulated and transmitted by the year one CE as equal to one unit of knowledge, it probably took about 1500 years until the 16th century for that amount of knowledge to double. The next doubling of knowledge from two to four units was completed in 250 years by the mid-18th century. By the turn of the 20th century, 150 years later, human knowledge had doubled again to eight units. The speed at which knowledge doubled was getting faster and faster. The doubling speed is now estimated between one and two years. All this new knowledge is being put into good use. Labelled data and analytics are powering the recent advances in AI.

AI is now getting deeper into what was so far specialist human domains. Let us look at a 21st century example. Real-time image-guided and robot-assisted surgery where imaging coupled with robotic assistance helps in assessing the area of procedure, monitoring the tools in 3D and updating pathophysiology knowledge of the targeted tissue in real-time. This innovation is at the intersection of AI, robotics, biotechnology, telecommunication and clinical domain. A few months back, expert doctors successfully directed surgeons 200 km away in a remote area in China to perform a gall bladder surgery using 5G network. This innovation opens new healthcare delivery models at very different price points. There are many more such innovations at the edge and intersections emerging and defining the 21st century.

I am impressed with Indian start-ups working at the intersection of healthcare and new technology like AI. Let me provide a snapshot of Indian healthcare and innovative start-ups

in this sector. India has about 0.6 doctors per 1000 people. The WHO recommended ratio is 2 doctors per 1000 people. China has a ratio of 1.5 and the USA a ratio of 2.5. Reaching the WHO recommended ratio translates into creating 2 million more doctors, assuming our population does not increase. India currently graduates about 70,000 doctors a year. We are running out of time. While India ramps up the number of doctors, we need to leverage technology to improve the throughput of doctor visits, medical tests and medical procedures. Indian AI/ML healthcare start-ups are solving important problems in healthcare that not only are relevant for India, but also for the world at large. Two examples are Niramai and Sigtuple.

Niramai’s AI/ML platform is a low cost, accurate, automated, portable breast cancer screening tool that can be operated by medical support staff. The core technology is an AI/ML led diagnostic platform that uses patented thermal image processing and machine learning algorithms for reliable and accurate breast cancer screening. This can be used as a cancer diagnosis test in hospitals, used for regular preventive health check-ups, and also for large scale screening in rural and semi-urban areas.

Sigtuple is building an AI/ ML platform to provide healthcare solutions by detecting different diseases. The platform analyses medical images and data from peripheral blood smears, urine microscopy, optical coherence tomography scans and chest X-rays to aid diagnosis. Solutions like Sigtuple’s that can aid diagnosis increases the productivity of doctors, translates into more time for doctors to attend to in-need patients. It also reduces the time taken to prepare diagnostic results and provides the ability for stepwise screening of patients to prevent an overload on the existing diagnostic infrastructure in India. Of course, we should take care that we follow ethical standards including aspects

like explainability while leveraging AI for healthcare.

As you graduate, I recommend that you look at these technology and industry shifts as opportunities to build your career. I was part of the shift to digital computing and was fortunate to build my career in the IT industry. I have witnessed the power of technology shifts and entrepreneurship first-hand. The time I entered the Indian IT industry in the late 1970s, it was a hot bed of entrepreneurial activity. The 1970s and early 1980s witnessed India's first wave of IT entrepreneurship.

This was an era where smaller and more powerful computers driven by advances in fabricating microprocessor chips were powering computers. Computers were not only becoming powerful but were also becoming affordable. Independent software products and software services vendors were making a mark to make computers useful for a myriad of applications like inventory control in supermarkets, controlling a steel plant, running a stock exchange, airline reservation, etc.

India was also getting on to the IT bandwagon. HCL, Wipro Information Technology, Infosys, NIIT, Mastek, Softek and other IT start-ups were established in this time. HCL and Wipro focused on providing hardware solutions for the Indian market. NIIT focused on software training for the Indian market. Mastek was focused on providing software services for the Indian market. Softek was focused on software products for the Indian market. And Infosys was focused on providing software services to the international markets. These companies became the magnet for India's best young talent then.

Similarly, the companies that are at the forefront of leveraging today's technologies are becoming sought-after employers now. These companies grow fast and will give you tremendous career-growth opportunities.

Some of you will have entrepreneurial plans and start a business, taking advantage of current technology-driven shifts.

Whether you aim to become a corporate professional or an entrepreneur, there are some things that do not change. These are fundamental traits of dedication, discipline, passion, leadership, communication, networking and empathy.

I am sure your stint in MAHE would have sharpened these traits in all of you. These are similar to the Manipal values of integrity, transparency, quality, teamwork, execution with passion, and humane touch. Apart from aiming to be a successful corporate professional or entrepreneur, I urge all of you to consider taking part in nation building.

In fact, this region of Karnataka – Manipal, Udupi and Tonse – has a special place in nation building from the 1920s. This is where Tonse Madhav Anant Pai was born and he went on to put this region on India's economic and social map. TMA Pai was the first to start a private, self-financing medical college offering MBBS in India. He established the Kasturba Medical College, Manipal in 1953 and Manipal Institute of Technology in 1957, which was followed by a string of other educational institutions including Kasturba Medical College, Mangalore, Manipal College of Dental Sciences, Manipal College of Pharmaceutical Sciences and Manipal Pre-University College. He, along with his brother Upendra Pai, also established Syndicate Bank originally in Udupi, Karnataka. The story of how the bank was started is inspiring and I want each one of you to read this story.

Let us now look at the macro Indian context. The most important economic question for India is - how can we successfully shift from consumption led economic growth model that defined much of the 20th century to a new economic growth model fit for the 21st century. India is at the transformational cusp.

We are all looking forward to “India at 75” in 2022.

By 2022, New India will provide a solid foundation for clean, inclusive, sustained and sustainable growth for the next phase of development. This is likely to be technology intensive. And it will involve our government working together with all citizens, including the industry sectors, start-ups and academia to achieve the vision of a New India. India has identified important goals to achieve by 2022. Among the most important is that we want to be a USD 4 trillion economy when we celebrate the platinum jubilee of our independence.

As students of a prestigious university like MAHE, it is important that we pledge ourselves to contribute to build a New India. It is our responsibility to steer India to the top of the global economy in the coming decade. I have the confidence that our current generation of young leaders like you have the capability and skills to make this happen.

I believe that the three most sought after attributes of young India that makes them competitive and valued by industry the world over are:

1. Ability to work in multi-disciplinary teams and in unfamiliar contexts on a high impact project mode.
2. Ability to make multiple role shifts in the course of one’s career to take advantage of new opportunities.
3. And most importantly, understand, anticipate and leverage the impact of

changing technologies on business. Disruptions in business models driven by advances in technology are likely to be a recurring facet of the future.

As young leaders at the beginning of your bright careers, please ensure that you are always ready to unlearn and learn throughout your career to build on the foundation that MAHE provides you.

You are all best placed to navigate the disruptions that are defining our world today. Let me end by quoting Andrew Ng, co-founder of Coursera, former head of Google Research and Chief Scientist at Baidu and now a Professor of Computer Science at Stanford University. “In terms of building consumer products, the US and China are ahead of India. The interesting opportunity for India is whenever there is a disruption in technology, it gives every country a chance to leapfrog and take a lead.”

You can all play an important role in such a transformation of India.

You are all very fortunate to get a world-class education from Manipal Academy of Higher Education. I request you to get into a habit of giving back right away – volunteer time, mentor and help another person get a good education. Let us build a better and prosperous India and world.

Wishing each one of you the very best!

Thank you.

Presentation of memento



Presentation of memento by Dr Ranjan R Pai, Chairman of the Manipal Education and Medical Group (MEMG)

Conferring the Degrees



..... PhD Awards

Sl. No.	Name	Institution
1	Rajiv Mohan David	Manipal Institute of Technology
2	Suma T S	FRLHT, Bengaluru
3	Shailendra Kumar Tiwari	Manipal Institute of Technology
4	Anirban Datta Roy	ATREE, Bengaluru
5	Ananthakrishna T	Manipal Institute of Technology
6	Venu Madhav Nelluri	Melaka Manipal Medical College (Manipal Campus)
7	Ruchi Verma	Manipal College of Pharmaceutical Sciences
8	Aparna U	Manipal Institute of Technology

9	Sabu George	Manipal Institute of Technology
10	Shreema	Manipal Institute of Technology
11	Sandhya Parasnath Dubey	Manipal Institute of Technology
12	Umesh Thonse	Kasturba Medical College, Manipal
13	Bhavana B Bhat	Manipal College of Pharmaceutical Sciences
14	Smitha Ganesh Bhat	Manipal Institute of Technology
15	Krishna Prakasha K	Manipal Institute of Technology
16	Kannan N	Manipal Institute of Technology
17	Shilpa T	Department of Atomic and Molecular Physics
18	Akshatha	Department of Sciences
19	Chaitra U	Department of Sciences
20	Chandra Sekhar Pasula	Palamur Biosciences, Hyderabad
21	Ansha Patel	Kasturba Medical College, Manipal
22	Asish Oommen Mathew	Manipal Institute of Technology
23	Arul Amuthan L	Melaka Manipal Medical College (Manipal Campus)
24	Chaitra Venugopal	MIRM, Bengaluru
25	Nupur Nandini	Department of Data Sciences
26	Lalitha Devi B	Department of Sciences
27	Tapaswi H M	Manipal Centre for Humanities
28	Elizabeth Mary Mathew	Manipal College of Pharmaceutical Sciences
29	Rashmitha	Department of Sciences
30	Srajana Jayant Kaikini	Manipal Centre for Humanities
31	Urbashi Pradhan	ATREE , Bengaluru

Dr TMA Pai Gold Medal

Name of the student	Course name	Institution
Gaurav Rawat	BDS	MCDS, Mangalore
Radhika Gupta	BDS	MCDS, Mangalore
Saraswati Sanjay Chavda	MSc (Molecular Biology and Human Genetics)	MSLS, Manipal

Super specialty Undergraduate and Postgraduate students

Undergraduate

Sl. No.	Name	Course
1	Nupur Jain	MBBS

Postgraduate

Sl. No.	Name	Course
1	Dr Gangula Rahul Sai	MD (General Medicine)
2	Dr Samant Darshi	MD (Psychiatry)
3	Dr Allen San Shell Jabar	MD (Radio-diagnosis)
4	Dr Sashitemjen Aier	MS (Orthopaedic Surgery)
5	Dr Mohan Amaresh	MCh (Urology)
6	Dr Anupam Choudhary	MCh (Urology)
7	Dr Rajkamal Vishnu S K	MCh (Cardiothoracic Surgery)
8	Dr Mohan V B	DM (Nephrology)
9	Dr Anoop K R	DLO (Oto-Rhino-Laryngology)
10	Asher Urja Jayesh Daksha	MSc (Genetic Counselling)
11	Ms Sara Lakshmanan	MSc (Genetic Counselling)
12	Eram Fatima Aiman Amiri	MSc (Genetic Counselling)

Successful Undergraduate students for the year 2019

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	KMC	MBBS	256	273	529	228	267	495
2	MCODS	BDS	56	148	204	52	144	196
3	MCON	BSc Nursing	7	100	107	7	92	99
4	MCON	PB BSc Nursing	6	14	20	6	14	20
5	MCOPS	BPharm	36	78	114	31	63	94
6	MCHP	BASLP	6	52	58	5	52	57

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
7	MCHP	BSc HIA	3	1	4	2	1	3
8	MCHP	BMIT	9	15	24	09	15	24
9	MCHP	BMLT	03	17	20	03	17	20
10	MCHP	BNMT (Credit)	07	08	15	06	08	14
11	MCHP	BSc NMT (Marking)	2	-	2	2	-	2
12	MCHP	Bachelor of Optometry	5	16	21	5	16	21
13	MCHP	BOT (Credit)	04	29	33	4	26	30
14	MCHP	BOT (Marking)	07	42	49	4	28	32
15	MCHP	BPT	22	79	101	14	66	80
16	MCHP	BSc CVT (Credit)	6	24	30	6	24	30
17	MCHP	BSc CVT (Marking)	6	2	8	4	2	6
18	MCHP	BSc Exercise and Sports Science	7	2	9	7	2	9
19	MCHP	BSc H I M	04	10	14	04	10	14
20	MCHP	BSc MRT (Credit)	07	05	12	07	05	12
21	MCHP	BSc MRT (Marking)	5	1	6	1	-	1
22	MCHP	BSc Perfusion Technology	02	09	11	02	09	11
23	MCHP	BSc RRT and DT (Credit)	1	12	13	-	11	11
24	MCHP	BSc RRT and DT (Marking)	2	-	2	1	-	1
25	MCHP	BSc RT (Credit)	06	21	27	6	20	26
26	MCHP	BSc RT (Marking)	11	16	27	7	9	16
27	MIC	BA (JCS)	1	3	4	1	3	4
28	MIC	BA (Media and Comn)	51	62	113	43	58	101
29	MIC	BSc Animation	26	8	34	24	8	32
30	MSLS	BSc Biotechnology	13	39	52	13	39	52
31	FOA	B Architecture	61	75	136	61	74	135
32	FOA	B Des (Interior Design)	03	14	17	3	13	16
33	FOA	B Des (Fashion Design)	-	13	13	-	13	13
34	FOA	BSc (FD-Couture)	-	1	1	-	1	1
35	DOC	BBM (e-Banking and Finance)	-	1	1	-	-	-

Sl No	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
36	DOC	BBM (Logistics and Supply Chain)	1	-	1	1	-	1
37	DOC	BBM (Professional)	1	-	1	1	-	1
38	DOC	BCom (Professional)	28	21	49	26	21	47
39	DOC	BCom (Business Process Services)	4	-	4	4	-	4
40	DOC	BBA Programs	122	64	186	94	59	153
41	WGSHA	BHM	132	25	157	122	25	147
42	WGSHA	BSc Hospitality and Catering Studies				1	11	12
43	DCA, WGSHA	BA (Culinary Arts)	84	59	143	75	58	133
44	MCOPS	BPharm	29	69	98	21	59	80
45	MIT	Bio-Medical Engineering	15	11	26	13	11	24
46	MIT	Chemical Engineering	30	17	47	29	17	46
47	MIT	Civil Engineering	136	14	150	129	14	143
48	MIT	Computer Science and Engg	204	37	241	201	37	238
49	MIT	Electrical and Electronics Engineering	131	34	165	126	34	160
50	MIT	Electronics and Communication Engg	175	42	217	169	42	211
51	MIT	Industrial and Production Engineering	47	8	55	46	8	54
52	MIT	Mechanical Engineering	225	10	235	219	10	229
53	MIT	Information Technology	95	26	121	94	25	119
54	MIT	Instrumentation and Control Engineering	54	18	72	53	16	69
55	MIT	Biotechnology	14	22	36	13	23	36
56	MIT	Mechatronics	67	8	75	63	8	71
57	MIT	Aeronautical Engineering	44	10	54	39	10	49
58	MIT	Automobile Engineering	51	1	52	47	1	48
59	MIT	Computer and Communication Engg	97	24	121	93	24	117
60	MIT	Print and Media Technology	13	8	21	12	7	19

Successful Postgraduates students for the year 2019

Sl. No.	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	KMC	MD / MS	132	91	223	103	84	187
2	KMC	DM / MCh	15	-	15	14	-	14
3	KMC	MSc-Clinical Embryology	3	5	8	3	5	8
4	KMC	MSc-Genetic Counselling	-	4	4	-	4	4
5	KMC	MSc Medical (Credit)	7	36	43	7	35	42
6	KMC	Advanced Training Programme in Head and Neck Oncology	2	-	2	2	-	2
7	KMC	Advanced Training Programme in Reproductive Medicine	1	1	2	1	1	2
8	MCODS	MDS	13	43	56	12	43	55
9	MCON	MSc-Nursing	-	15	15	-	14	14
10	MCOPS	Pharm D	10	22	32	10	22	32
11	MCOPS	Pharm D (PB)	1	4	5	1	4	5
12	MCHP	MASLP	2	39	41	2	38	40
13	MCHP	MSc HHIA	1	-	1	1	-	1
14	MCHP	MSc MLT	-	7	7	-	7	7
15	MCHP	MScMRP	2	2	4	2	2	4
16	MCHP	MSc NMT	2	1	3	-	1	1
17	MCHP	Master of Occupational Therapy	2	14	16	2	14	16
18	MCHP	Master of Physiotherapy	10	44	54	10	43	53
19	MCHP	MSc Respiratory Therapy	-	8	8	-	7	7
20	MCHP	MSc Cardiac Catheterization and Interventional Technology	-	1	1	-	1	1
21	MCHP	MSc Clinical Psychology	-	33	33	-	33	33
22	MCHP	MSc Echo Cardiography	-	2	2	-	2	2
23	MCHP	MSc Exercise and Sports Science	3	4	7	3	4	7
24	MCHP	MSc Healthcare IT Mgmt	2	1	3	1	1	2
25	MCHP	MSc MIT	3	8	11	3	7	10
26	MCHP	MSc Optometry	1	6	7	1	6	7
27	MCHP	MSc Perfusion Technology	1	-	1	1	-	1
28	MCHP	MSc HIM	-	3	3	-	2	2

Sl. No.	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
29	MCHP	MSc Renal Replacement Therapy and Dialysis Technology (RRT and DT)	2	-	2	2	-	2
30	MIM	MBA	65	57	122	55	48	103
31	MIM	MBA (Global Business)	24	10	34	23	8	31
32	MIM	MBA (Healthcare Mgmt)	7	19	26	7	19	26
33	MIC	MA Media and Communication	13	24	37	12	24	36
34	MSLS	MSc Bioinformatics	1	1	2	1	1	2
35	MSLS	MSc Molecular Biology and Human Genetics	5	13	18	5	13	18
36	MSLS	MSc Medical Biotechnology	5	10	15	5	10	15
37	MSLS	MSc By Research in Life Science	1	1	2	1	1	2
38	MIRM	MSc Stem Cell Technology and Regenerative Biology	1	8	9	1	8	9
39	FOA	Executive MArch	8	7	15	8	7	15
40	FOA	MA (Interior Design)	-	2	2	-	2	2
41	FOA	MA (Fashion Management)	2	4	6	2	4	6
42	FOA	MArch - Urban Design and Development	4	15	19	3	14	17
43	DOC	MCom Programs	60	78	138	58	76	134
44	CIMR	MSc Yoga Therapy	-	5	5	-	4	4
45	DOLS	MSc Library and Information Science	-	4	4	-	4	4
46	PSPH	Masters in Hospital Administration	20	27	47	12	25	37
47	PSPH	Master of Public Health	11	37	48	11	37	48
48	PSPH	Master of Social Work	2	15	17	2	15	17
49	PSPH	MSc Biostatistics	5	14	19	5	14	19
50	DAMP	MSc Photonics	2	3	5	2	3	5
51	DAMP	MSc Nanoscience and Technology	3	2	5	3	2	5
52	DG & IR	MA in Geopolitics and International Relations	4	9	13	4	9	13
53	MCES	MA European Studies	4	6	10	1	3	4
54	MCH	MAEnglish	-	8	8	-	8	8

Sl. No.	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
55	MCH	MA Philosophy	3	1	4	3	1	4
56	MCH	MA Sociology	3	-	3	3	-	3
57	MIV	MSc Clinical Virology	2	7	9	2	7	9
58	DOS	MSc in Chemistry	5	23	28	5	22	28
59	DOS	MSc Applied Mathematics and Computing	8	12	20	8	12	20
60	DOS	MSc in Physics	3	18	21	3	18	21
61	DOS	MSc in Geology	11	1	12	11	1	12
62	MSIS	ME (Medical Software)	3	1	4	3	1	4
63	MSIS	ME (VLSI Design)	21	15	36	21	15	36
64	MSIS	ME (Embedded Systems)	22	15	37	22	15	37
65	MSIS	ME (Embedded and Wireless Technology)	1	-	1	1	-	1
66	MSIS	ME (Computing Technologies and Virtualization)	7	4	11	7	4	11
67	MSIS	ME (Embedded Systems and Instrumentation)	5	2	7	5	2	7
68	MSIS	ME (Automotive Embedded Systems)	6	-	6	6	-	6
69	MSIS	ME (Big Data and Data Analytics)	36	12	48	36	12	48
70	MSIS	MSc Information Science	12	5	17	12	5	17
71	MSIS	MSc Tech (Embedded Systems)	1	-	1	1	-	1
72	MSIS	MSc Tech (Embedded Systems & Instrumentation)	1	-	1	1	-	1
73	DAHS, WGSHA	MSc DAN	3	64	67	3	64	67
74	DAHS, WGSHA	MSc HTM	15	11	26	14	11	25
75	MCOPS	PharmD	9	21	30	9	21	30
76	MCOPS	PharmD - Post Baccalaureate	1	4	5	1	4	5
77	MCOPS	MPharm	56	65	121	56	65	121
78	MIT	Bio-Medical Engineering	2	1	3	2	1	3
79	MIT	Computer Science and Engineering	10	14	24	10	14	24

Sl. No.	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
80	MIT	Construction Engineering and Management	13	5	18	12	5	17
81	MIT	Digital Electronics and Advanced Communication	14	10	24	14	10	24
82	MIT	Engineering Management	15	2	17	14	2	16
83	MIT	Structural Engineering	16	9	25	16	9	25
84	MIT	Control Systems	5	5	10	5	5	10
85	MIT	Manufacturing Engineering and Technology	18	-	18	17	-	17
86	MIT	Software Engineering	-	4	4	-	4	4
87	MIT	Printing and Media Technology	6	-	6	3	-	3
88	MIT	Microelectronics	13	5	18	13	5	18
89	MIT	Industrial Bio-Technology	3	5	8	3	5	8
90	MIT	Computer Science and Information Security	9	8	17	9	8	17
91	MIT	Chemical Engineering	4	5	9	4	5	9
92	MIT	Environmental Engineering	9	8	17	6	8	14
93	MIT	Computer Applications	36	20	56	31	20	51
94	MIT	Industrial Automation and Robotics	24	4	28	22	4	26
95	MIT	Energy Systems and Management	3	2	5	3	2	5
96	MIT	Computer Aided Analysis and Design	16	-	16	15	-	15
97	MIT	Automobile Engineering	16	-	16	15	-	15
98	MIT	Thermal Sciences and Energy Systems	18	-	18	18	-	18
99	MIT	Computer Networking and Engineering	7	4	11	7	4	11
100	MIT	Power Electronics and Drives	11	5	16	10	5	15
101	MIT	Aerospace Engineering	5	4	9	5	4	9

Successful Diploma/Mphil students for the year 2019

Sl. No.	Institute	Courses	Appeared			Passed		
			M	F	Total	M	F	Total
1	KMC	PG Diploma	18	15	33	12	14	26
2	KMC	MPhil - Psychiatric Social Work	2	1	3	2	1	3
3	MCON	MPhil - Nursing	-	6	6	-	6	6
4	MCOPS	Diploma in Pharmacy	2	6	8	2	6	8
5	MCHP	MPhil - Clinical Psychology	1	9	10	0	9	9
6	MSLS	Post Graduate Diploma in Cellular and Molecular Diagnostics	4	4	8	4	4	8
7	MIRM	MPhil Stem Cell Technology and Regenerative Biology	-	1	1	-	1	1
8	DOC	Post Graduate Diploma in Logistics and Supply Chain	4	-	4	4	-	4
9	CIMR	Certificate Course in Pan-chakarma	-	4	4	-	4	4
10	DCA, WG-SHA	Post Graduate Diploma in Culinary Arts	21	14	35	21	14	35
11	MCOPS	DPharm	3	5	8	3	5	8



Vote of Thanks



Dr Narayana Sabhahit, Registrar, MAHE, Manipal

Honourable chief guest of today's function, Mr S Gopalakrishnan, other distinguished dignitaries on and off the dais, ladies and gentlemen,

I deem it a great honour and privilege to propose the vote of thanks on this momentous occasion of the 27th 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, Mr S Gopalkrishnan, Chairman, Axilor Ventures Pvt Ltd, Bengaluru.

Sir, your gracious presence and scholarly convocation address added luster 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 distributing the certificates to Dr TMA Pai gold medalists. Thank you, Madam.

I express my sincere thanks to Dr Ranjan Pai, Chairman, MEMG, Bengaluru, for his gracious presence and felicitating the chief guest. I also acknowledge the presence of Mrs Shruti R Pai.

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

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. I also thank Mrs Indira Ballal for her presence.

Dear Graduates, it is your day today. 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. A special gratitude 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. Their presence has made all this difference to this function.

I must mention our deep sense of appreciation to our vice chancellor, Dr H Vinod Bhat, for strengthening the academic and research activities of our university and presenting the overview. I also thank Mrs Parvathi Bhat for her presence here today.

I also extend my heartfelt gratitude to Dr Surendra V Shetty, pro vice chancellor, MAHE, for delivering the welcome address.

We express our sincere gratitude to pro vice Chancellors of the university, Dr PLNG Rao, Dr Poornima Baliga and Dr Thammaiah Chekkera 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 the PhD scholars.

We also recognize the presence of donors and well-wishers of Manipal and appreciate their unconditional support in the growth of all our institutions and thank them for their presence today.

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 staff and student volunteers 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 Shirley Lewis, Assistant Professor, Radiotherapy Department, 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.

Program Day 2 16 November 2019

Contents	Page No
Procession	
National Anthem	
Invocation – University Anthem	
Welcome Address	43
Overview of MAHE	44
Introduction of Chief Guest	46
Convocation Address	46
Presentation of Memento	47
Conferring the Degree	48
Award to PhD Scholars	48
Award of Gold Medal	49
Presentation of Graduates	49
Vote of Thanks	50
Facts and Figures about Graduates	64
Administration of Oath	65

The convocation began with the University anthem (invocation)



Dr H Vinod Bhat, Vice Chancellor, MAHE, delivering the welcome address

Ladies and gentlemen, I have immense pleasure in extending a hearty welcome to all of you who have responded to our invitation to join us on this joyous convocation ceremony.

Convocation is an important occasion, both to the university as well as to the degree awardees. The teachers and administrators will have the opportunity to see the fruits of their endeavour in shaping the destinies of the youth and for the graduates. It is the culmination of all their toil and hard work of the past few years. The ceremony is an important milestone as they step into the real world, a world of opportunities and a world of ever changing paradigms.

We are privileged to have Dr Shekar Mande, Secretary, Department of Scientific and Industrial Research and Director General, CSIR, as our chief guest for today's convocation. We have admired his work ever since we have known him in 2002 as an eminent scientist in CDFD Hyderabad, and

Welcome address

now as an able research administrator in one of the premier agencies of Government of India. I extend a warm and cordial welcome to you Prof Mande.

It gives me immense pleasure to welcome our Pro Chancellor Dr HS Ballal, an eminent medical teacher, former Dean, former vice chancellor, an astute administrator and above all, a caring human being. Hearty welcome to you, sir. We are fortunate to have Mrs Vasanti R Pai, First Lady of the University and a trustee of MAHE Trust who has endeared herself with her student centric approach. A warm welcome to you madam. A cordial welcome to Dr Ranjan Pai, Chairman, Manipal Education and Medical Group India Intl Ltd and other members of the Pai family.

I extend a warm welcome to the members of the Board of Management, Finance Committee and Academic Council, the pro vice chancellors, the registrar and other administrators of MAHE, heads of MAHE institutions, faculty and staff, our well-wishers and benefactors, the members of the press and electronic media and all the distinguished invitees who have responded to our invitation.

I am especially delighted to welcome the parents and guardians of the graduating students in this hour of joy. You have been the ones who stood by your children, supported them through thick and thin and are here to witness one more stage in their metamorphosis.

The star attraction of this evening is the assembly of degree awardees, cherishing this moment. Dear graduands, this is your day. But remember, this is only the beginning. My good wishes to all of you in your journey of life and a hearty welcome to Convocation 2019.

Thank you all.

Overview of the University

Dr Poornima Baliga B, Pro 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 K Satyamoorthy, Director, Manipal School of Life Sciences, Manipal

Esteemed dignitaries on and off the dais, ladies and gentlemen. Good afternoon to everyone assembled here.

It is my distinct privilege and honour to be standing here on this 27th Annual Convocation of MAHE to introduce our chief guest Dr Shekhar Mande.

Dr Shekhar Mande is among the pioneers in the country in the areas of structural and computational biology, specifically on elucidating functions of proteins. In the words of Nobel Laureate Har Gobind Khorana, "Everything that human beings or living beings do is done by protein molecules."

Or to the technophiles in the audience, let me quote what Arvind Gupta (Inventor, Toy Maker) said: "Biology is the most powerful technology ever created. DNA is software, proteins are hardware, cells are factories." Our chief guest is armed with the expertise of working with the hardware and software of living cells.

Dr Shekhar Mande has researched for over 20 years on the biochemical, biophysical and computational methods to analyse the proteins to understand the biology. This includes bacterium that causes tuberculosis which is responsible for unprecedented misery and human mortality in the world.

Dr Shekhar Mande's scientific journey had a humble, yet promising, beginning as BSc and MSc graduate from Nagpur University. He pursued his PhD at the Indian Institute of Science in the area of molecular biophysics. Later, he obtained doctoral degree in 1991 and soon set on a career of research that saw him become a post-doctoral fellow at the Rijks Universitet in Groningen, the Netherlands, and a senior fellow of the University of Washington.

At the Institute of Microbial Technology, Chandigarh, his research contributions earned him the BM Birla Young Scientist award in 1999.

He then moved to the Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad, in 2001 and continued to demonstrate excellence for the next decade through his extraordinary brilliance and hard work. While at CDFD in 2005, he was the recipient of the top researcher award of the country – the Shanti Swarup Bhatnagar award in Biological sciences. He was also a Wellcome Trust International Senior Research Fellow between 2003 and 2008.

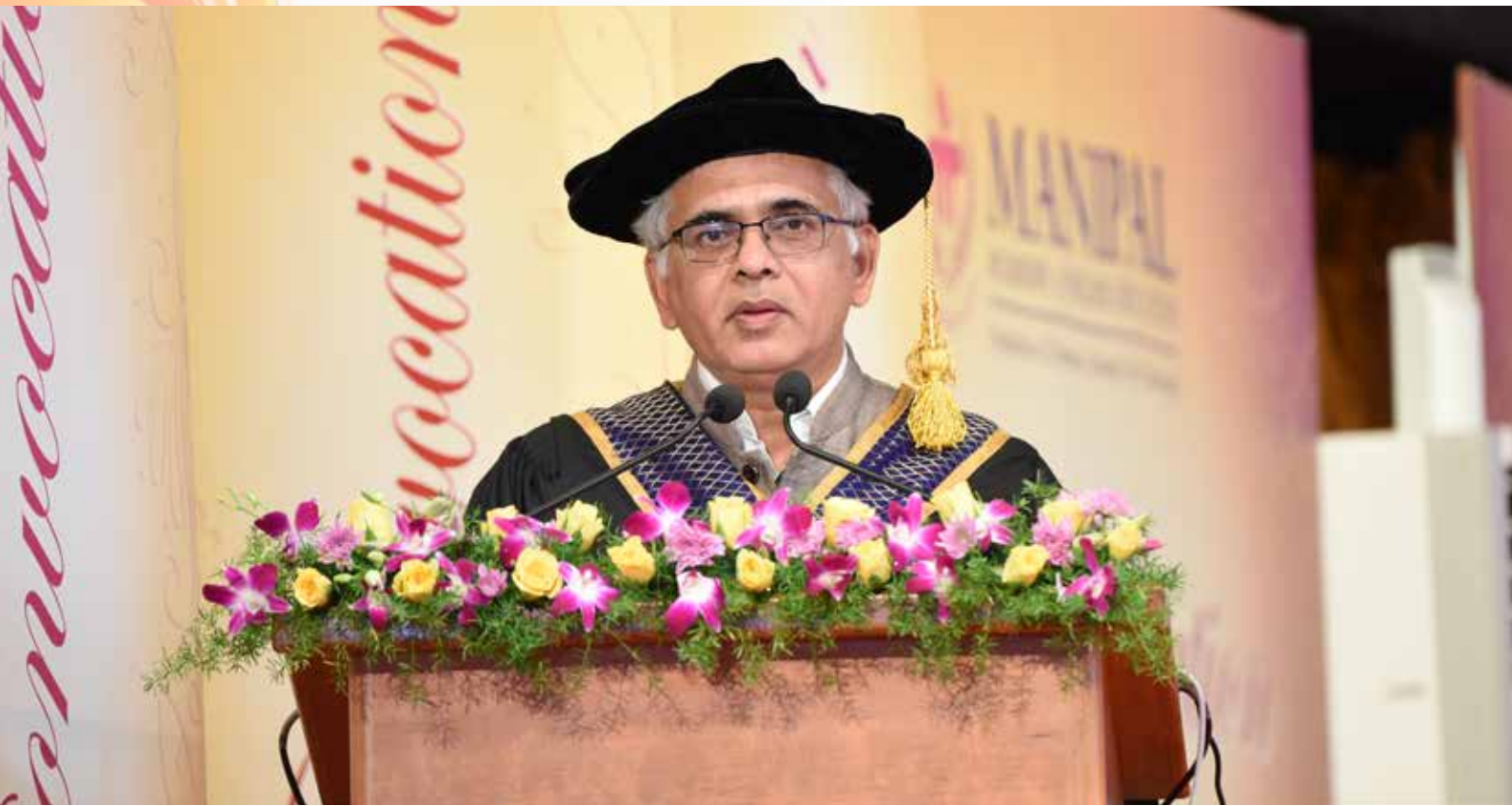
His research skills and administrative capabilities were evident as the Director of the National Centre for Cell Science in Pune for seven years which took the institute several notches higher for research excellence.

With such an illustrious career, it was no wonder when he was appointed as Director General, CSIR and Secretary, DSIR in October 2018. The past year of his leadership has seen streamlining of many processes at these premier institutions and launching of several ambitious programs of national relevance. He is also the vice president of Vijnana Bharati, a large voluntary science movement in India.

Ladies and gentlemen, Prof Shekhar C Mande is married to Dr Sharmila Mande with a son. He is a man of extraordinary administrative skills, deep scientific expertise and more importantly, a friend of Manipal. On behalf of our esteemed Pro-Chancellor, Vice Chancellor and honourable dignitaries, I kindly request him to deliver the convocation address.



Gist of Chief Guest's speech



Dr Shekhar C Mande, Director General of Council of Scientific and Industrial Research (CSIR), India, Secretary DSIR

"It is undoubtedly one of the defining features of everyone's life to receive degree on a day like this. And, that too from an institute like Manipal Academy of Higher Education," said Dr Shekhar C Mande, Secretary, DSIR and Director General Council of Scientific and Industrial Research New Delhi to the graduating students of the University on the second day of the 27th convocation at KMC Greens here.

"Education is not the amount of information that is put into your brain and remain there undigested all your life. Education is something else. Until now, you have been guided by your parents, you have been mentored by your teachers, but from today on you will

chart your life with your own thoughts and actions. You will be guided with everything you received here in MAHE. And therefore, you are entering the real world from today."

"Science and technology have shaped the country since independence, and today the country is attempting to embrace globalization. Many of you must have heard the buzz words we get to hear everywhere – things like big data, machine learning, artificial intelligence, etc. I am reminded about a quote when we talk of big data. It goes, 'all the data is not information; all the information is not knowledge and all the knowledge is not wisdom.'"

“Data is actually what is presented to you during your educational career. All the days you spent during your school and college, you have been presented with lots of data. Many of the good teachers attempted to convert that data into information, some of the outstanding teachers converted that information into knowledge and imparted that knowledge to you. And thus, it is your own choice to convert the knowledge gained here to wisdom and chart your own course in

your career and life. That is why I said, you have entered the real world from today.”

In conclusion, he quoted the seven sins which Mahatma Gandhi said can destroy life. He asked the students to take it up as the guiding principles; wealth without work, pleasure without conscience, science without humanity, knowledge without character, politics without principle, commerce without morality and worship without sacrifice.

Presentation of Memento



Presentation of Memento by Dr Ranjan R Pai, Chairman of the Manipal Education and Medical Group (MEMG)

Conferring the Degrees



..... PhD Awards

Sl. No.	Name	Institution
1	Aravinda Pai	Manipal College of Pharmaceutical Sciences
2	Aldrin Vas	Manipal College of Nursing
3	Vairavel P	Manipal Institute of Technology
4	Muhammed Shameem K M	Department of Atomic and Molecular Physics
5	Abhishek Shah	Manipal College of Pharmaceutical Sciences
6	Vidya Kudva	School of Information Science
7	Debasish Kumar Ghosh	CDFD, Hyderabad
8	Rakshith Shetty	Steer Engineering Pvt Ltd, Bengaluru
9	Vivek Ghate M	Manipal College of Pharmaceutical Sciences
10	Yogेशa M	Department of Atomic and Molecular Physics
11	Jaya Mary Thomas	RGCB, Trivandrum
12	Vikram Aditya M	ATREE, Bengaluru
13	Teresa Joy	KMC, Mangaluru

Dr TMA Pai Gold Medal

Name of the student	Course name	Institution
Hawa Bachoo Hashim	B Pharm	MCOPS, Manipal
Amit	BHM	WGSMA, Manipal
Meghana Pai K	B Arch	MSAP, Manipal
Divya Kunjappa S	ME (Embedded Systems)	MSIS, Manipal
Deepika T	MBA	MIM, Manipal

Super specialty Undergraduate and Postgraduate students

Undergraduate

Sl. No.	Name	Course
1	Vivek Soorya Sathya Moorthy	MBBS
2	Liew Hong Kheng	MBBS

Postgraduate

Sl. No.	Name	Course
1	Dr Pulak Raj	MD (Pathology)
2	Dr Shabeer Ahamed S V	DM (Gastroenterology)



Vote of Thanks



Chef Thirugnanasambantham, Principal, Welcomgroup Graduate School of Hotel Administration, Manipal

Honourable Chief Guest for this evening, Dr Shekhar C Mande, respected Pro Chancellor Dr H S Ballal, Vice Chancellor Dr H Vinod Bhat, all our esteemed dignitaries on the dais, our most valued invited guests, graduates, parents, ladies and gentlemen.

It is my privilege to propose the vote of thanks on this occasion.

While interacting with students in 2003 at Tiruchirappalli, Tamil Nadu, late Dr A P J Abdul Kalam, our beloved ex-President of India said, "Ignited Indian minds is the most powerful resource compared to any resource on the earth, above the earth and below the earth." Today, while celebrating the ignited minds of the graduates of MAHE, the 27th convocation has become very special by the presence of our chief guest, Dr Shekhar C Mande, Secretary, DSIR and Director General, Council of Scientific and Industrial Research, New Delhi.

Thank you very much sir for your presence. We are indeed greatly inspired by your valuable thoughts.

We place on record our indebtedness to our chancellor, Dr Ramdas M Pai for his benevolent leadership. Words will not be enough to express our deep gratitude for him, for believing in us and steering MAHE to become one of the most prominent universities in the world.

On an occasion of this great magnitude, MAHE leadership has always guided us to remain in the right direction and make effective arrangements in all aspects of the event. We acknowledge the continuous guidance we received from our Pro Chancellor Dr H S Ballal, to have been able to successfully host this event. Thank you, sir for keeping us constantly motivated and kindly presiding over this great occasion.

We acknowledge the graceful presence of Mrs Vasanthi R Pai – Trustee, MAHE Trust, the first lady of Manipal, who has always been a true inspiration and caring support in our activities. Thank you, Ma'am for being with us this evening.

We express our sincere thanks to Dr Ranjan R Pai, Chairman, MEMG, for his valued presence amidst us this evening. We remain grateful to the Manipal group for guiding MAHE to greater heights.

Dr H Vinod Bhat, our beloved vice chancellor, has been our role model for commitment and belief. He leads MAHE very intelligently and meticulously. He also shoulders many of the organizing responsibilities for all the MAHE events, and we appreciate your planning that makes every event a success.

We appreciate and sincerely acknowledge the presence of our pro vice chancellors - Dr Poornima Baliga B, pro vice chancellor - Faculty of Health Sciences, Dr V Surendra Shetty, pro vice chancellor - Mangalore Campus, Dr PLNG Rao, pro vice chancellor - Quality Assurance, Dr Thammaiah C S, pro vice chancellor - Corporate Academia Engagement.

We thank Dr Narayana Sabhahit, Registrar, MAHE, Dr Vinod V Thomas, Registrar - Evaluation for efficiently coordinating this event.

We thank Dr Geetha Maiya, Director, Student Affairs, for her support in the planning, practice and effective coordination of the event.

An event like this cannot happen overnight. The wheels start rolling weeks ago. We have been fortunate enough to be backed by a team of very motivated and dedicated colleagues in MAHE as heads of institutions, HODs, faculty members and staff who know

their job well and we thank you all for your contributions in hosting this event.

I would like to take this opportunity to place on record our hearty thanks to all the technical teams and coordinators, Director - General Services, security and Chef on Wheels for perfect logistic support.

Many thanks to the representatives of print and electronic media for generously covering our events.

We must acknowledge the tremendous support the university receives from all our parents. We appreciate your understanding and great contribution in allowing your wards to spend few of their golden years of learning here in this great university and encouraging them to participate in all the activities here. We also thank you for your valuable time and presence in this convocation.

Finally, as gratitude glitters like gold when times make memories everlasting, you, our dear students are our ambassadors of MAHE, and we thank you wholeheartedly for having lived up to our expectations. As you graduate here on this auspicious occasion of your life, we thank you for studying here in this campus. Our heartiest congratulations again for your successful completion of the course of study.

We thank the donors of MAHE and our guests for their kind presence in this function.

I would like to conclude with the words of Albert Einstein. "Try not to become only a man of success, but rather try to become a man of value too."

I once again thank each and every one for their co-operation in making today's show a memorable one. Thank you all. Have a pleasant evening.

Jai Hind.

Program Day 3 17 November 2019

Contents	Page No
Procession	
National Anthem	
Invocation – University Anthem	
Welcome Address	53
Overview of MAHE	55
Introduction of Chief Guest	55
Convocation Address	57
Presentation of Memento	58
Conferring the Degree	59
Award to PhD Scholars	59
Award of Gold Medal	60
Presentation of Graduates	60
Vote of Thanks	62
Facts and Figures about Graduates	64
Administration of Oath	65
Declaration to close Convocation	65

The convocation began with the University anthem (invocation)

Welcome address



Dr Poornima Baliga B, Pro Vice Chancellor MAHE, Manipal, delivering the welcome address

Chief guest of this evening Mr Mahesh Shahdadpuri - Founder and CEO, TASC Outsourcing, UAE, Pro Chancellor Dr H S Ballal, Mrs Indira Ballal, Mrs Vasanthi R Pai - Trustee MAHE, Vice Chancellor Dr H Vinod Bhat, pro vice chancellors Dr Surendra Shetty, Dr PLNG Rao and Dr Ranjan Pai - Chairman of Manipal Medical and Education Group, Registrar Dr Narayana Sabhahit, Registrar-Evaluation Dr Vinod V Thomas, Director - Centre for Doctoral Studies Dr Shyamala Hande, Director - Student Affairs Dr Geetha Maiya, deputy registrars Dr Guruprasad Rao 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 post-graduates,

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 27th convocation ceremony of MAHE.

A convocation ceremony is a special day in the academic life of students as after years of hard work and dedication, they get their hard-earned education degrees. Wearing the traditional academic regalia and walking up the stage is the dream of every student in front of his colleagues, friends and family members who have supported them in their difficult endeavour. It is a defining moment in every student's life, giving his self-esteem a boost.

As black hats are tossed in air, the sky is filled with euphoria, Graduation day is a unique celebration. It is the coming of age, the arrival of maturity and responsibility, which makes the heart go aflutter. Students dream of this grand day all their college life.

MAHE stands in its glory here today because of the visionary Dr TMA 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 – Mr Mahesh Shahdadpuri - a distinguished alumnus of Manipal Institute of technology. On behalf of MAHE, we are deeply appreciative and offer our most cordial and cheerful welcome to you sir.

A special and friendly welcome to Mrs Payal Shahdadpuri on this occasion.

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.

A friendly welcome to Mrs Indira Ballal.

We are delighted to have Mrs Vasanthi R Pai – Trustee, MAHE with us. A very gracious welcome to you madam.

It gives me great pleasure to welcome Vice Chancellor Dr H Vinod Bhat who has been a part of the leadership team for years, and is actively enabling the development of this University. I extend a pleasant welcome to you sir.

A cordial welcome to Dr (Mrs) Parvati Bhat.

I am delighted to welcome the pro vice chancellors – Dr V Surendra Shetty and Dr PLNG Rao.

It is our honour and privilege to have Dr Ranjan Pai, Chairman of Manipal Medical and Education Group with us today. I extend a most courteous welcome to you sir.

I am pleased to welcome Registrar Dr Narayana Sabhahit and Dr (Mrs) Jayalakshmi Sabhahit.

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

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. 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.

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

It is a great day for the parents of graduates and post-graduates who are to receive their degrees today. I extend a warm welcome to all of them who have come in large numbers to share the joy of this occasion.

Not to forget, the most important people of this convocation are the graduates, the post-graduates and the doctoral fellows who are eager to receive their degrees today. Luckily, the weather is on our side today! The sun and

I are pleased to offer you a warm welcome.

My dear young graduates, I am positive that each and every one of you will certainly use your ability to the fullest. Stick to values and be ethical; be sincere in your thoughts and action, for sincerity always pays in the long run. Remember there are no short cuts to success. Be a credit to your profession. Be a credit to your alma mater. Your teachers, your parents and most of all to yourself. This is a wonderful world in which you have been born. Preserve and nurture it.

“Education is the most powerful weapon which you can use to change the world.” said

Nelson Mandela

Dear graduates, 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

Dr PLNG Rao, Pro Vice Chancellor (Quality Assurance) MAHE, Manipal presented an overview of the University (same as Day 1 Presentation)



Introduction of Chief Guest by
Dr Srikanth Rao, Director, MIT,
MAHE, Manipal

Introduction of the Chief Guest

Good afternoon, esteemed dignitaries, ladies and gentlemen.

With immense pride and pleasure I stand before you to introduce the chief guest of today's convocation, a very accomplished alumnus of our University, Mr Mahesh Shahdadpuri. Mr Mahesh Shahdadpuri is the founder and CEO of TASC (TASK) Outsourcing, the founder and CEO - Boston Foods, and the Director - Nikai Group of Companies. Mr Mahesh Shahdadpuri has been quoted as: “A Game Changer” by Bloomberg and is listed by Forbes as one of the Top 100 businessmen in the Middle East.

Mr Mahesh Shahdadpuri graduated from Manipal Institute of Technology, MAHE, Manipal, with Bachelor's of Engineering in Electronics and Communications in the year 1992. During his formative college days at MIT, Manipal, the highly talented Mr Shahdadpuri exhibited immense interest in entrepreneurial

and several student activities, such as, being the editor of the institute magazine Adastrum, as also being very good at academics. It may be observed that one of his companies he started, in 1999, was with this name called "Adastrum Technologies".

He went on to obtain an MBA in Marketing and Entrepreneurship from Boston University. On completing his MBA, Mr Mahesh Shahdadpuri worked for Intel's chip facility in Massachusetts (known earlier as Digital Equipment Corporation) before leaving and found a software company based in New York and Bangalore. Mr Mahesh Shahdadpuri's passion for creating "something new and different" laid the foundation for TASC in 2007. At present, TASC Outsourcing has grown to be the largest and fastest growing workforce solutions company in the Middle East. With over 5000 personnel from 78 nationalities, employed across 75 job functions, TASC is a partner of choice to more than 400 companies within the region.

Further, in 1999, Mr Shahdadpuri founded the Boston Foods, a franchisee of the popular "Subway" brand of restaurants in Dubai having won the highest level Gold Service awards.

TASC has won over 20 awards and recognitions, few of the major ones are:

In 2019: The Prime Minister and Ruler of Dubai – Sheikh Mohammed bin Rashid Al Maktoum Business Excellence Award

In 2016 and 2019: President of the UAE - Sheikh Khalifa Excellence Award

Mr Shahdadpuri is a very sought-after speaker and spokesperson in the outsourcing and staffing industry, and also is very frequently invited in media channels such as Dubai

One TV, Dubai Eye 103.8 FM. He also often features in publications such as The National, Gulf News, Khaleej Times and Al Ittihad. He is a regular speaker on entrepreneurship at various prestigious schools and universities.

Mr Mahesh Shahdadpuri is a part of YPO, a premium Leadership forum, and is also a charter member of TiE (a network of Indus Entrepreneurs). He is the member of the Indian Business Leaders Forum, UAE. He is an overseer on the Board of Trustees and Overseers of Boston University. He is in the Dean's Advisory Board at the Questrom Business School at Boston University. In his free time, Mr Mahesh Shahdadpuri is a keen sports enthusiast and enjoys running, working out, trekking, playing tennis and riding his Harley.

Considering customer focus as central and with a passion for operational excellence, he has been constantly exploring innovative and customer centric solutions along with being a life-long learner. An indication of this is the fact that he is currently pursuing yet another business degree at the Harvard Business School.

It is certainly heartening to see the rise of yet another alumnus of Manipal into a pinnacle of business world and being termed as a Business-person par excellence. In charting the course of his career through perseverance and commitment, Mr Mahesh Shahdadpuri certainly epitomized the words of Ralph Emerson, "The only person you are destined to become is the person you decide to be."

Ladies and Gentlemen, presenting before you – Mr Mahesh Shahdadpuri.

Thank you.

Gist of Chief Guest's speech



Mr Mahesh Shahdadpuri, Founder and CEO, TASC

The three day 27th Convocation of Manipal Academy of Higher Education came to a close on Sunday at KMC Greens with chief guest Mr Mahesh Shahdadpuri, Founder and CEO of TASC Outsourcing, UAE, impressing upon the graduating students never to give up. "Setbacks are only temporary. It's never over. Setback always has seeds of a comeback," he said.

On the last day, when 1387 students and their parents and well-wishers were present, the successful entrepreneur, an alumnus of the University, spoke of his own failures and successes to inspire the students who will take their next step in life.

He recalled the difficult days when he struggled to get a job after completing his graduation from Manipal Institute of Technology, neither

here nor in Dubai where his father was. "Nobody even called me for an interview," he said. My struggle looking for a job continued for a long time. I was a good student, but couldn't get a job. What was wrong?"

"Rejections made me stronger. Finally, I landed a job in Dubai and all I did there was cleaning up computers. I left the job in three months, got another job and quit that as well. Then, I went to Boston to do my MBA. Two years passed and I was hunting for a job again".

"I searched and searched and after 12 interviews I hit jackpot. I got a job in Intel because I never gave up. But then, I always wanted to do my own business. I started my first company in 1999. I wanted to build a million dollar company. I put in all the money

I could lay my hands on, from family, from banks and my own money. And I promised the world to my employees. And then as fate would have it, I lost everything.”

“Days and months went by and I started feeling ready again. I wanted to start a company again and very aggressively this time. I started a few companies which is part of my group today. I wanted to do something special, something different. Be number one in the world. Today we are 5,000 people with operations in 20 countries with 77

nationalities, we have 80 million customers, we have won several awards and we are doing well.”

“You may not get your results right away. Respect the process of failing and learning. Don’t stop learning. Learn from everywhere, learn from everyone, learn from nature. There is learning everywhere. Be passionate, do what you love, exercise, meditate, explore, blossom, get out there, experiment a little. Be you. And you will get solutions to problems you face.”

Presentation of Memento



Presentation of Memento by Dr H S Ballal, Pro Chancellor

Conferring the Degrees



..... PhD Awards

Sl. No.	Name	Institution
1	Shubhankar Das	Manipal School of Life Sciences
2	Latha T	Manipal College of Nursing
3	Flavia Castelino	Manipal College of Nursing
4	Ranjini H S	Kasturba Medical College, Manipal
5	Asim Priyendu	Manipal College of Pharmaceutical Sciences
6	Priyodip Paul	Manipal Institute of Technology
7	Rudresh Deepak Shirwaikar	Manipal Institute of Technology
8	K R Banumathe	Manipal College of Health Professions
9	Binil V	Manipal College of Nursing
10	Jose Mamman	Department of Commerce - MAHE
11	Hamsa Nayak	Department of Sciences
12	Nalini Raghunathan	CDFD, Hyderabad
13	Shobha Anil Kumar	NCBS, Bengaluru

14	Pavithra G C	PPISR, Bengaluru
15	Subhankar Biswas	Manipal College of Pharmaceutical Sciences
16	Ashwini Bhat	Manipal Institute of Technology
17	Adesh N D	Manipal Institute of Technology
18	Kiran S	Manipal College of Health Professions
19	Nimisha Agarwal	NIAS, Bengaluru
20	Pradeep P Shanbogh	PPISR, Bengaluru
21	Sohan Rodney Bangera	Kasturba Medical College, Manipal
22	Putha Suman Kumar	Kasturba Medical College , Mangalore
23	Sampath Kumar V S	Manipal Institute of Technology
24	Prathibha Patel M	Manipal Institute of Management
25	Vishwanath Pai M	Department of Commerce - MAHE
26	Rajashekhar V Choudhari	Department of Sciences
27	Ajit Singh	Kasturba Medical College, Manipal

Dr TMA Pai Gold Medal

Name of the student	Course name	Institution
Deigant	BTech (Computer Science and Engineering)	MIT, Manipal
Soham Mitra	BDS	MCDS, Manipal
Nyima Lhamo	BSc Nursing	MCN, Manipal
Farsana K	BSc Medical Laboratory Technology	MCHP, Manipal

Super specialty Undergraduate and Postgraduate students

Undergraduate

Sl. No.	Name	Course
1	Hemant H	MBBS
2	Praveen Puvanendran	MBBS
3	Devesh Bhaskar Yerrapragada	MBBS

Postgraduate

Sl. No.	Name	Course
1	Dr Yerragunda Uday Kumar	MD (General Medicine)
2	Dr Chandak Pranav Gangabhisban	MD (General Medicine)
3	Dr Kelkar Rohan Hemant	MD (General Medicine)
4	Dr Allada Venkata Srikar	MD (General Medicine)
5	Dr Kiran Chandran	MS (Ophthalmology)
6	Dr Lohith G	MS (Orthopaedic Surgery)
7	Dr Nandkishor Manohar Harne	MS (Orthopaedic Surgery)
8	Dr Prashanth D C	DM (Cardiology)
9	Dr Pranav Rai	MCh (Neuro surgery)
10	Dr Ashok R	DM (Nephrology)
11	Dr Joshi Dhwanil Deepak	DOrtho (Orthopaedics)
12	Dr Abhijit Ghosh	DOrtho (Orthopaedics)
13	Dr Ranjith Mathew	DDVL (Dermatology Venerology and laprosy)
14	Akheruz Zaman Ahmed	MSc (Medical) - Anatomy
15	Jenevi Margaret Mendonsa	MSc (Medical) - Microbiology
16	Saumya Subramanian	MSc (Medical) - Microbiology
17	Prasad Kisan Tambe	MSc (Medical) - Microbiology
18	K Sai Preethi	MSc (Medical) - Microbiology
19	Ramya J Achar	MSc (Medical) - Microbiology
20	Priyanka Pal	MSc (Medical) - Microbiology
21	Deepthi D Shetty	MSc (Medical) - Biochemistry
22	Sharath Mohan Bhat	MSc (Medical) - Biochemistry
23	Patil Vaibhav Sunil	MSc (Medical) - Biochemistry
24	R Sai Prathap Yadav	MSc (Medical) - Biochemistry
25	Tejal Deepak Durgekar	MSc (Medical) - Biochemistry
26	Bhaskara Pantula Sindhu Sree	MSc (Medical) - Biochemistry
27	Pruthvi B	MSc (Medical) - Biochemistry
28	S G Haritha	MSc (Medical) - Biochemistry
29	Vemugadda Harika	MSc (Medical) - Biochemistry
30	Aqsa Fathima	MSc (Medical) - Pharmacology
31	Mr Alen Chandy Alexander	MPhil (Psychiatric Social Work)
32	Mr Nithesh Kulal	MPhil (Psychiatric Social Work)
33	Kanika Saxena	MSc (Medical) - Clinical Embryology
34	Priyeta Das	MSc (Medical) - Clinical Embryology
35	Sreerama Ratna Deepika	MSc (Medical) - Clinical Embryology

- 36 Anandha Vishnu M G
- 37 Shefali Arun Suvarna
- 38 Evelyn Samuel Stephen
- 39 Rahul
- 40 Suaris Liester Lawrance
- 41 Sharon Daphne Menezes

- MSc (Medical) - Clinical Embryology
- MSc (Medical) - Clinical Embryology
- MSc (Medical) - Clinical Embryology
- MSc (Medical) - Clinical Embryology
- MSc (Medical) - Clinical Embryology
- MSc (Genetic Counselling)

Vote of Thanks



Dr Arun Maiya, Dean, Manipal College of Health Professions, Manipal

No duty is more urgent than that of returning thanks. It is a great honour for me to propose the vote of thanks on the 27th Convocation of Manipal Academy of Higher Education. Honourable Chief Guest of today's function, Mr Mahesh Shahdadpuri, Founder and CEO TASC Outsourcing, UAE, and other distinguished dignitaries on and off the dais, ladies and gentlemen.

I would like to take this opportunity to express our gratitude to our chief guest of today's function, Mr Mahesh Shahdadpuri, Founder and CEO TASC Outsourcing, UAE.

Sir, your gracious presence and scholarly convocation address added luster 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 and gracing the occasion, Thank you madam. We thank all the members of Pai family for their support and presence here today.

Permit me to mention our gratitude to pro chancellor, Dr H S Ballal for his great efforts towards the growth of this university and conferring the degree to the graduates. Thank you very much sir. I also thank, Mrs Indira Ballal for her presence.

I would like to express our deep sense of appreciation to our respected Vice Chancellor Dr H Vinod Bhat for being a pillar of strength towards the academic and research activities of our University.

Thank you sir for being with us here today. I also thank Dr(Mrs)Parvathi Bhat, Medical Superintendent, Dr TMA Pai Hospital, Udupi for her presence.

Our special thanks to Dr Ranjan R Pai, Chairman, MEMG. He is the driving source for all our university growth and recognition. Thank you very much for your presence and support sir.

Dear Graduates, it is your day today. 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.

Our sincere 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. Their presence has made all this difference to this function.

I also extend my heartfelt gratitude to Dr Poornima Baliga, pro vice chancellor, Faculty of Health Science, MAHE, for delivering the welcome address.

We express our sincere gratitude to pro vice chancellors quality assurance of the university, Dr PLNG Rao for highlighting the overview of University.

I also extend my heartfelt thanks to Dr V Surendra Shetty and Dr Thammaiah C for their presence and gracing the occasion.

Our deep sense of gratitude to our beloved Registrar, Dr Narayan Sabahit, for the continued support and for gracing the occasion. I also acknowledge the presence of Dr Jayalakshmi.

I wish to extend our thanks to, Dr Vinod Thomas, Registrar-Evaluation for being a

significant part of today's occasion. We would like to express our sincere thanks to Dr Sreejith C, Deputy, and Registrar-Evaluation for highlighting the facts and figure about graduates and administering the oath.

I thank 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 Shymala Hande Director - Centre for Doctoral Studies, MAHE, for presenting PhD scholars.

We also recognize the presence of donors and well-wishers of Manipal and appreciate their unconditional support in the growth of all our institutions and thank them for their presence today.

We are happy to express our gratitude to members of the Trust, Board of Management, Academic Senate, Board of Studies, Board of Examiners, faculty 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 staff and student volunteers 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, Ms Adithi Shastry Kallaje, Assistant professor, Department of Humanities and Management,

MIT, Manipal. Our sincere gratitude to diya Girls, University/Institutions Flag bearers.

An event of this dimension cannot happen overnight. It requires meticulous planning and execution.

We have been fortunate enough to be backed by a team of very motivated and dedicated

colleagues of our University who know their job and are result oriented. I can't thank everyone enough for the involvement they have shown and the willingness they have expressed to take on the completion of tasks beyond their comfort zones. Once again, I thank each one of you.

Facts and figures about graduates Convocation – November 2019

University facts and figures as detailed below,

Day 1 - Dr Vinod V Thomas, Registrar Evaluation

Day 2 - Dr Madhukar Mallya, Deputy Registrar, Evaluation

Day 3 – Dr Sreejith G, Deputy Registrar, Evaluation

Particulars	Convocation	Speed Post/Absentia	Total
Undergraduates	2438	755	3193
Postgraduates	1660	156	1816
Super Specialties	8	1	9
PhD	71	31	102
Grand Total	4177	943	5120



Administering oath

Dr Vinod Thomas, Registrar – Evaluation, administering oath to the students on Day 1. Dr Madhukar Mallya and Dr Sreejith G, Deputy Registrar – Evaluation, administering oath on Day 2 and Day 3, respectively.



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 hu-
man values and thoughts”



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

Masters of Ceremony



Convocation Day 1

Dr Shirley Lewis Salins, Assistant Professor,
Radiotherapy and Oncology, KMC, Manipal



Convocation Day 2

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



Convocation Day 3

Ms Adithi Shastry Kallaje, Assistant Professor,
Dept of Humanities and Management, MIT

27th Convocation

15, 16 & 17 NOVEMBER 2019



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

- Dr TMA Pai



MANIPAL
UNIVERSAL PRESS

12 December 2019
Team Quality and MUP