



NEWS LETTER

Volume 4 . Issue 2 . April - June 2021



Greetings from the AVMC Newsletter Desk

All suggestions to improve AVMC - Newsletter can be mailed to avmcnewsletter@avmc.edu.in.

Thought for the month

"You have to grow from the inside out. None can teach you, none can make you spiritual. There is no other teacher but your own soul."

- Swami Vivekananda

OUR INSTITUTIONS INNOVATION CELL WAS CONSTITUTED AND INAUGURATED ON 22nd JUNE 2021

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Dear Readers,

I am delighted to bring out the second issue of AVMC-Newsletter. The last three months had been very eventful. A lot had happened in terms of infrastructure enhancement, academic front, and plenty of celebrations. Your support continues to inspire us to further enhance the quality of this newsletter. Expecting your continued support in future as well. Do send your comments/suggestions to avmcnewsletter@avmc.edu.in.



Best Regards, **Dr. Sasmita Mishra**, Chief Editor,
HOD, Department of Biochemistry



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Academic Events

1. AVMC Innovation Council Cell Is Established





In the year 2018 Ministry of Education (MoE), Govt. of India has established 'MoE's Innovation Cell (MIC)' to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). The primary mandate of MIC is to encourage, inspire and nurture young students by supporting them to work with new ideas and transform them into prototypes while they are informative years.

The major focus of IIC is to create a vibrant local innovation ecosystem and to prepare the institute for Atal Ranking of Institutions on Innovation Achievements Framework. The functions of IICs are to conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion, identify and reward innovations and share success stories, organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators, to network with peers and national entrepreneurship development organizations, to create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students and to organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries. Our Institutions Innovation cell was constituted and inaugurated on 22nd June 2021.

Inaugaural Ceremoney of IIC

The event of Inauguration of IIC AVMC was conducted on virtual mode on Cisco platform with 493 participants, including invitees, external members and faculty members and students of AVMC,

The programme started with invocating Devi Saraswati, Goddess of Vidya (symbol of knowledge, music, art, wisdom and nature) for seeking her blessings on this occasion.

Dr. Pushpa Kotur, Convener IIC, Professor of OG delivered the welcome. In her speech she quoted Albert Einstein's quote about innovation 'Intelligence is not knowledge but imagination.' and further she added

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that innovation is the one where imagination meets ambition. She explained the objective of establishment of IIC and motivated students to be a part of 'Atm-nirbhar Bharat by being a part of IIC and its activities. She explained the significance of different components of the insignia of the council and appealed student to get motivated with logo and try to fly high in the sky to reach stars.

She said today's event's Chief guest **Dr. Satya Murty** who had spent four decades in field of atomic energy and a renowned scientist, is appropriate person to inaugurate the council and address the young minds.

The inauguration of IIC was done with the lamp lighting ceremony since the light and brightness has always been equated with positivity and motivation for starting good things.

Followed by this **Dr. S. Ravikumar,** Asso. Prof. of Biochemistry, introduced the team IIC, both external members and internal members. He thanked dean AVMC and advisory board for inducting a team of experts and vibrant members in IIC.

Dr. Vishnu Bhat, President of IIC and Director Medical Research, AVMC introduced the Chief Guest, Dr. Satya Murty He said we are fortunate to have an eminent personality like him who has spent his life with excellence in research and academics, as a chief guest on this occasion. He introduced Guest of honor **Dr.K, Manivannan** who has > 35 years of experience in academics and industries and also is an external expert member of IIC AVMC. He said Dr. Manivannan is a natural motivator and he has been a motivator and mentor to his students and he will be surely motivate faculty members and students of AVMC.

Next he introduced a key note Speaker **Dr. A. Nagappan**, who is not only academician but innovator himself having his start-ups and also patents on his name Dr. Vishnu Bhat said, he will be the guide and mentor for our IIC.

Chief Guest in his inaugural address congratulated AVMC for establishing the IIC and being one of the very few medical colleges who have IIC. His address was inspirational and to the young minds. He mentioned in his speech in the history of innovations two types of innovations are seen. Some are deceptive, for example Edison's electrical bulb, graham Bells telephone and some are incremental which changed our life like mobile connectivity evolving from 2G to 5G, different apps, Gene therapy etc. He mentioned about contribution of India in history of innovations by Mathematician Aryabhatta, Nagarjun in ancient time and by scientist like Padma Vibhushan Vikram Sarabhai, Padma Bhushan Homi bhabha in modern days. Further he advised students to be a part of ecosystem of innovation from generating idea to developing product and not to stop till the product enters in the market successfully.

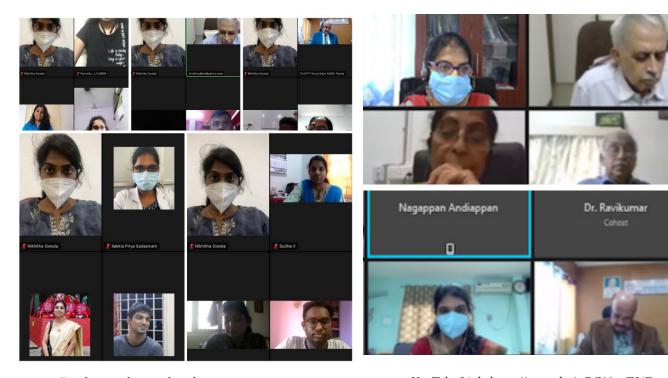
Guest of Honor Dr. K. Manivannan, who has 33 years of experience in academic addressed the gathering by quoting various innovations which developed into prototypes and product by collaborative efforts of both engineers and doctors. He said how patient care has been improved with the incorporation of AI (artificial intelligence) in both, diagnostic and therapeutic fields.

He said plenty of opportunities are waiting and students should grab them and work on it and develop a prototype with innovative ideas.



Lastly, **Dr. P F. Kotur**, Dean AVMC in his presidential remark told that lot of activities, innovative ideas are coming up in institution AVMC is awakened and formation of IIC is one more milestone. He said IIC is the council lead by the student with the support of faculty members and institution. Objective of IIC is to identify the student's talent, instinct and innovative minds and ideas which will be nurtured and show them the day of light. He appealed student to take this opportunity and shine. Further he expressed that how he is impressed by the insignia(logo) of the IIC which is motivating students to fly high in the sky to reach the stars with their innovations and with able support of institutions and teachers.

The meeting came to end with vote of thanks by Dr. Kavitha, member IIC, Asso. Prof. of Microbiology.



Faculty members and students participating in Inaugural ceremony of IIC

YouTube Link: https://youtu.be/wBC09gsSY4E

Second webinar by IIC 'Innovation development in medical diagnosis using machine learning model 'conducted on 26th June 2021

The second meeting of IIC was conducted on 26th June through Zoom platform. Mr. Manivannan, Senior Embedded developer in Zf Wabco was the chief guest.

Welcome address was given by Mr. Vignesh final MBBS student and Guest Speaker was introduced by Mr Manishankar final MBBS student.

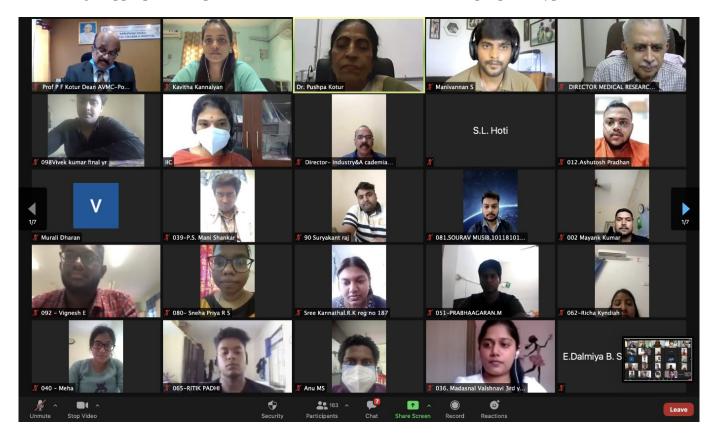
Mr S. Manivannan the speaker of the day covered machine learning model, his innovations in ECG analyser and COVID patient health analyser. He described how a machine learning model a software can predict without giving any input. He enumerated the application of machine learning model in medical field like giving preliminary diagnosis reports in radiology and also it holds promising future in cancer including early detection. He spoke how he developed an ECG analyser powered by edge impulse which analyse the ECG data without dependency on internet. The machine was a tiny ML model which can run on any tiny ML supported microcontrollers. The device will analyse ECG patterns and classify into normal, atrial fibrillation

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and first degree heart block. Another innovation he developed lately was COVID patient health assessing device powered by edge impulse, which will analyse the SPO2, heart rate, body temperature and respiratory rate of a patient. The tiny model is trained by the datasets suggested by WHO guidelines. The device will analyse the health status and classify into stable, critical and health deteriorating.

The program was summarized by Dr Pushpa Kotur, Prof. Of Obst.& Gyn, Convener IIC Closing remarks was given by Dr Vishnu Bhat, Director Medical Research, AVMC, President IIC and Vote of thanks was proposed by Miss Vaishnavi, MBBS student. Students were taught how to go for a problem statement, find solutions, get appropriate help from IIC to find the solution and develop a proto-type



Faculty Member and students participating in Second webinar by IIC

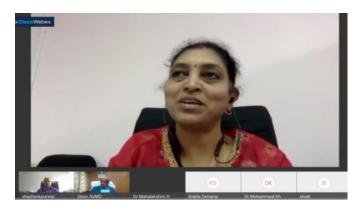
2. FFF Webinar organized by the Scientifique Society of Aarupadai Veedu Medical College & Hospital Continued....

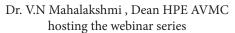
The webinar series launched by 'The Scientifique Society' of Aarupadai Veedu Medical College & Hospital continued in the months of April, May and June also through Cisco webex meeting platform Pro version medium. The webinars were chaired by Dr.P.F Kotur, Dean, AVMCH and hosted by- Dr. V. N. Mahalakshim., Dean-Health Professions Education, AVMCH. Registration link was shared through social medias of our institute like WhatsApp groups, Twitter, Instagram, Linkedin, Facebook.

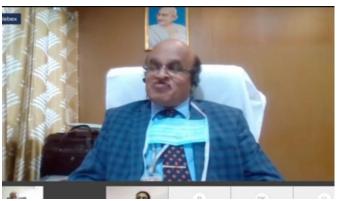
This webinar series was started in the month of May 2020. In the last months various prominent personalities from India and outside India spoke about many important topics covering all aspects of medical ground like Professional practice, novel diagnostics & therapeutics, education & training of the professionals mainly related to COVID pandemic.



During these three months almost 12 FFF webinars were conducted which includes the Golden Jublee episode also. The main objective is how we can come back to normal and overcome this COVID-19 Pandemic crisis.







Dr. P.F Kotur, Dean AVMC chairing the webinar series

Series 9 of FFF webinars started in the month of April. Theme of this series was Technology Enabled Healthcare. 4 webinars were conducted in April. Primary objective was to explore how technology has advanced in health care not only in diagnosis but also in therapeutic aspects. All the webinars were conducted on Fri days from 2.45 PM to 4 PM. Many participants from our institute and outside our institute were benefited. Recording of all the webinars are available in our Institute YOU TUBE channel AVMC PUDUCHERRY.

The series stated with a talk on 9th April by **Dr. Mathew Cherian** Chief Radiology Services and Vascular and Interventional Radiology, Kovai Medical Center, Coimbatore on "**The magic of interventional Radiology**". It was an outstanding and splendid presentation. He explained magically how needle and wire create magic in patient life.

On 16th April ,**Dr. J. Balachander**, Ex-Senior Professor of Cardiology and Medical Superintendent (Retired) JIPMER , Puducherry gave a talk on **Sudden Cardiac Death - Unravelling the Mysteries**. It was an interesting session .He explained nicely the mystery behind the sudden cardiac death specially the causes and triggers of SCD and the treatment also.



Dr. Mathew Cherian taking a session on The magic of interventional Radiology



Dr. J. Balachander, taking a session on on Sudden Cardiac Death - Unravelling the Mysteries.



Dr. Narayanan Parameswaran, Professor, Department of Paediatrics, Women and Children Hospital, JIPMER, Puducherry delivered a talk on Paediatric ARDS – Diagnosis and Current Status of Respiratory Support on 23rd April.



Dr. Narayanan Parameswaran, delivering a talk on Paediatric ARDS – Diagnosis and Current Status of Respiratory Support

Dr. N. Sekar, Senior Consultant Vascular and Endovascular Surgeon, Kauveri Hospitals, Chennai delivered a talk on Diabetes and Peripheral Vascular Disease -Limb Salvage and Avoiding Amputation on 30th April.



Dr. N. Sekar, delivering a talk on Diabetes and Peripheral Vascular Disease
-Limb Salvage and Avoiding Amputationl.

Dr. Raja. J. Selvaraj, Cardiac Electro physiologist, Professor & HOD, Department of Cardiology, JIPMER delivered a talk on Cardiac Electrophysiology: How technology has tamed the heart beat on 7th May



Dr. Raja. J. Selvaraj, delivering a talk on Cardiac Electrophysiology: How technology has tamed the heart beat

Dr. Sriganesh Kamath, Professor of Neuroanaesthesia & Neurocritical Care, NIMHANS, Bengaluru Fellowship (McMaster University, Canada) delivered a talk on Covid 19 and Neurological Illness: Concomitant or Consequence? On 14th May



Dr. Sriganesh Kamath, delivering a talk on Covid 19 and Neurological Illness: Concomitant or Consequence?



Golden Jublee Episode

21st May was the GOLDEN JUBLEE episode of FFF webinar series. On this occasion Father of Evidence-Based Medicine (EBM) Distinguished Professor, Department of Health Research Methods, Evidence and Impact and Medicine McMaster University, Hamilton, Ontario, Canada. Dr. Gordon Guyatt gave an excellent talk on 'Past, Present & Future of Evidence Based Medicine'

Hon'ble Chancellor, **Dr A S Ganesan**, congratulated the organizing team and addressed the participants on this occasion.



Hon'ble Chancellor, Dr A S Ganesan, addressing the gathering and greeting the pioneer of evidence based medicine Dr. Gordon Guyatt on the Golden Jublee Episode of FFF



Dr. Gordon Guyatt giving a talk on 'Past, Present & Future of Evidence Based Medicine'

Dr. Biju Pottakkat, Professor and Head Department of Surgical Gastroenterology, JIPMER, Puducherry gave a talk on **Robotics and its applications in surgery** on 28th May



Dr. Biju Pottakkat, giving a talk on Robotics and its applications in surgery

Dr. K.G. Kallur, Director, Molecular Imaging, HCG Cancer Hospital, Kalinga Rao Road, Bangalore delivered a talk on Theranostics: New Imaging methodology to detect Cancer and Treat on 4th June.



Dr. K.G. Kallur delivering a talk on Theranostics:

New Imaging methodology to detect Cancer and Treat



Dr. K . Manikandan, Consultant in Maternal - Fetal Medicine, The Fetal Clinic, Pondicherry Visiting Professor of Perinatology, Pondicherry Institute of Medical Sciences, Pondicherry Senior Research Consultant, Fetal Care Research Centre, Chennai gave a talk on The Unborn Patient - Where Technology Breaks Boundaries on 11th June

Dr. Vikram Datta, Director-Professor Department of Neonatology New Delhi, India gave a talk on **Improving Perinatal and Neonatal Outcomes: The QI Way** on 18th June



Dr. K . Manikandan, giving a talk on The Unborn Patient – Where Technology Breaks Boundaries



Dr. Vikram Datta, giving a talk on Improving Perinatal and Neonatal Outcomes: The QI Way

Dr. T. Siva Shanmugam, Professor of Anaesthesiology, Lead Consultant and Course Organizer for Fellowship in Ultrasound Guided Regional Anaesthesia (FUGRA), MGMCRI, Pondicherry . **Point of Care Ultrasound in Anaesthesiology** on 25th June.



Dr. T. Siva Shanmugam, delivering a talk on Point of Care Ultrasound in Anaesthesiology

3. Webinar on "GIVE BLOOD AND KEEP THE WORLD BEATING"

Department of Pathology organized a Guest lecture on 'Give Blood And Keep The World Beating' on account of World Blood Donor Day, 14.06.2020 (Monday) between 2.00 PM- 4.30 PM, via Cisco WebEx.

The speaker for the session was Dr. S. Kingsley M.D., (Transfusion Medicine), Associate Professor (Transfusion Medicine), Pondicherry Institute of Medical Sciences, Puducherry.

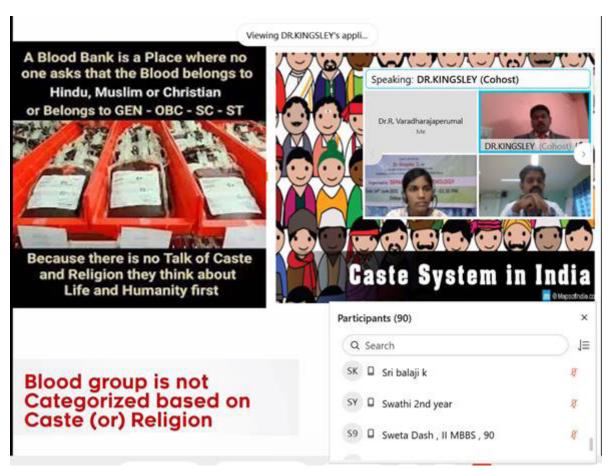


The session was hosted by Dr. Leelavathy, Tutor, Department of Pathology. Dr.Jawahar R, Professor & Head, Department of Pathology, delivered the Welcome address, followed by the Presidential address given by Dr P.F. Kotur, Dean, AVMC&H.

Dr. Umadevi K.P. Associate Professor Department of Pathology, introduced the speaker to the audience. The guest lecture was followed by Online MCQ Quiz on the topic 'Give Blood And Keep The World Beating' for II year MBBS Students. There were around 125 participants including the Phase II MBBS students, CRRI's and faculty. The target audience for the guest lecture was the II year MBBS students and CRRI's and the session was aimed to make sure the students have a clear objective about Basics of Transfusion Medicine. It was a very interactive session with immense participation among the participants and Speaker.

The session ended with vote of thanks by **Dr. Revathy S**, Assistant Professor, Department of Pathology.

The winners of the Quiz were announced by Dr Jawahar R, Professor & Head, Department of Pathology, 1st Prize- **Dev Kumar Singh**, 2nd Prize- **Nikil Aruneshwaran**, 3rd prize **Buja Lakshmi.** Prizes for the winners handed over.



4. Research Methodology for Faculty members in AVMC Campus

All faculty in the AVMC campus across the institutes were trained in Research Methodology. This was conducted as a common Online Program for all faculty of the Institutions in the AVMC Campus. Director Medical Research along with the IRC, AVMC coordinated the program. It was conducted for 8 days from 3rd May to 13th May 2021.



Day 1, May 3, Monday the theme was: The what and why of Research hosted by Dr Ravikumar, IRC member secretary. The topics covered were Introduction - why research by Dr P. F, Kotur, Dean, AVMC, Defining a research problem, refining research questions, Formulating objectives and hypothesis by Dr B. vishnu Bhat, Director Medical Research, AVMCH and Review of Literature and Literature Search by Dr Pushpa Kotur Prof of OG, AVMC

Day 2, May 4, Tuesday the theme was Research Designs hosted by Dr llankathir, IRC member. The topics covered were observational designs: Cross- Sectional Studies by Dr R. Latha, Prof and HOD, Microbiology, AVMC, Case-Control studies and Cohort Studies by Dr. Nishad Plakkal, Associate Professor of Neonatology, JIPMER, Experimental study designs including RCT by Dr J. Arun Daniel Associate Prof, Community Medicine, AVMC and Animal Experiments and Cell Culture Studies by Dr S. Ravikumar, Scientist, Centre for Biomedical Research, AVMC

Day 3, May 5, Wednesday was hosted by Dr Jawahar, IRC member. Topics covered were Selecting a ppropriate research designs for your research question by Dr Mahalakshmi VN, Dean HPE, AVMC, Sampling by Dr D.C. Mathangi, Professor and Head, Dept of Mind Body Medicine & Lifestyle Sciences, SRMC, and Questionnaire design and validation by Dr Pankaj B Shah, Professor and Head, Dept of Community Medicine, SRMC

Day 4, May 6, Thursday was hosted by Dr Vithyavadhi, IRC member. Topics covered were Steps in Protocol development by Dr Amol Dongre, Dean Research, SMVMC, Pondicherry, Critical appraisal of Journal article by Dr P, F. Kotur, Dean, AVMC

Day 5, May 10, Monday was hosted by Dr Gokul Anand, IRC member. Topics covered were Introduction to Biostatistics, variables,data, collection and classification of data, Probability distribution (Normal Distribution) by Harichandrakumar K T, Assistant Professor, Dept of Biostatistics, JIPMER, Puducherry and Summarization and presentation of data- Measures of central tendency, dispersion and presentation of summary by Dr Amala R, Assistant Professor, Department of Biostatistics, JIPMER, Puducherry

Day 6, May 11, Tuesday Program was hosted by Dr Sadeesh Kannan, IRC member Topics covered were Inferential Statistics I- Basics of statistical inference-, etimates, Standard error, Confidence interval, Basics of Testing of hypothesis by N, Sreekumaran Nair, Professor and Head, Department of Biostatistics, JIPMER, Puducherry and Inferential statistics II- Various test of significance by Dr Harichandrakumar K T, Assistant Professor, Department of Biostatistics, JIPMER, Puducherry

Day 7, May 12, Wednesday Program was hosted by Dr Oudaikumar, IRC member. Topics covered were Sample size - Concept and determination in health science Research by Dr N. Sreekumaran Nair Professor and Head, Department of Biostatistics, JIPMER, Puducherry and Correlation and regression by Dr Rajeswari M, Assistant Professor, Dept of Biostatistics, JIPMER, Puducherry

Day 8, May 13, Thursday was hosted by Dr Sethu Madhavan, IHEC member secretary. Topics covered were Research Ethics by Dr B. Vishnu Bhat, Director Medical Research, AVMCH and Publication Ethics by Dr Pankaj B Shah HOD, Community Medicine, SRMC. This was followed by Valedictory function arranged by team IRC



5. Basic & Advanced Course in Microsoft Excel

IQAC along with Human Resource Department has organized and coordinated the Skill Training & Upgradation Workshop on Basic & Advanced Course in Microsoft Excel for Administrative Staffs in Academic Departments. Mrs.Vijayachithra, Senior Executive, Academic has been allotted as Resource Person for conducting the Training Workshop. The topics covered in this Basic Excel workshop were Introduction to Microsoft Excel 2018, Worksheets and Workbooks, Formatting Cells and Data, Editing Worksheets and Cells, Introduction to Formulas, Creating a What-If Analysis, Adding Images and Graphics, Charts and Diagrams, Creating Data Lists, Pivot Tables and Charts, Templates and Macros, Retrieving External Data, Sorting and Filtering, Common Useful. The topics covered in this Advanced Excel workshop were sum, sumif, sumifs, count, countif, mid, concatenate, lower, upper, clean, proper, len, Pivot Table, Pivot Chart, Slicer, Data Validation, HLOOKUP, INDEX, MATCH, VLOOKUP, Macro.



Advanced Excel course Batch (I)



BASIC Excel course Batch(II)



Advanced Excel course Batch (II)



BASIC Excel course Batch(I)



Reaching the Unreached

In view of COVID 19 Vaccination Festival in Puducherry, Post-Graduate students, from the **Department of Community Medicine**, **Aarupadai Veedu Medical College and Hospital**, **Puducherry** attended the vaccination camp from 16.06.2021to 21.06.2021 as Vaccination Medical officer in various places of Puducherry.





Dr.H. Vineesh, 2nd year PG, Petit Seminar School, MG Road



Dr.P.Deepana, 2nd Year PG, Murugampakkam, Puducherry





Dr. J. Aumrin Fathima, 2nd year PG, Sindhanai Sirppi Singaravelan Govt. High School, Ariyankuppam



Vitiligo Awareness programme:

Department of Dermatology, Venereology & Leprosy, Aarupadai Veedu Medical College & Hospital had observed World Vitiligo day on 29th June 2021 in the form of Vitiligo Awareness programme for Nursing Students and Nursing Interns through Cisco Webex platform.

The DEAN, Dr. P.F. Kotur, Faculty, Post Graduates of Department of Dermatology, Nursing Students and Nursing Interns attended the program. A total of 75 participants attended the program. The program was conducted from 10.00 AM to 11.00 AM.

Dr.P.Oudeacoumar, Prof&HOD, Dept of DVL gave the welcome address & Introduction to the program.

Dr. K. Damayandhi, Assistant Professor of DVL gave the awareness speech and cleared the myths & misconceptions, explained the facts and treatment of Vitiligo.

Vote of Thanks was given by Dr. J. Govardhan, Associate Professor of DVL, AVMC & H, Pondicherry.

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Publications Apr-Jun 2021

- 1. Dr. S. Vithiavathi, Dr. Rahul singh, department of general medicine has published article titled a cross sectional study to assess the knowledge, attitude and practices among patients with hypothyroidism in a tertiary care hospital at pondicherry in european journal of pharmaceutical and medical research in may 2021
- 2. Dr. Sasmita Mishra, Professor & Head Dept. of Biochemistry has published a paper titled "Prevalence of pre-hypertension and its association with obesity and lipid parameters in medical students" in Biomedical Research;32(2) in April 2021
- 3. Sangeetha kasinathan, Ramesh venkatachalam, Sridhar krishnamoorthy department of anatomy has published article titled A study to assess the level of anxiety among geriatrics in selected villages at puducherry.in Annals of the romanian society for cell biology, May 2021
- 4. Sangeetha kasinathan, Ramesh venkatachalam, Sridhar krishnamoorthy department of anatomy has published article titled A study to assess the level of stress among old age population in selected villages at puducherry, India in Turkish journal of physiotherapy and rehabilitation; May 2021
- 5. Sangeetha kasinathan, Ramesh venkatachalam, Sridhar krishnamoorthy department of anatomy has published article titled A descriptive study to assess the level of depression among geriatrics in selected areas of puducherry, India.in Turkish journal of physiotherapy and rehabilitation; May 2021
- 6. Dr Meganathan,Dr Madanagopal, Dr Deepa kameswari has published article titled evaluation of covid-19 cognizance among pharmacy students of south India in Asian journal of pharmaceutical research and health care April 2021
- 7. Dr Deepa kameswari, Dr.Madhanagopal, Dr.Meganathan has published article titled web-based cross-sectional study on knowledge and perceptions about covid-19 in health care students in International journal of pharmaceutical research in June 2021
- 8. Dr. B. Vishnu Bhat, Director of Research, has published a research paper on 'Does oropharyngeal administration of colostrum reduce morbidity and mortality in very preterm infants? A randomised parallel-group controlled trial In the Journal of Paediatrics and Child Health, April 2021.
- 9. Dr. B. Vishnu Bhat, Director Research has published a research paper on 'Bilateral Puffy Orbits in a toddler: Therapeutic Challenges in, Indian Journal of Otolaryngology and Head & Neck Surgery, 27 April 2021.
- 10. Dr. B. Vishnu Bhat, Director Research has published a review paper on the Role of Zinc in Neonatal Sepsis in the Indian Journal of Paediatrics 24 April 2021
- 11. Dr.Jayita poduval, Dr.Arulmozhi, Dr.Sonee thingujaum, Dept of ENT has published article titled effect of health education on knowledge and behaviour towards consanguineous marriage and infantile hearing loss in indian journal of otolaryngology head and neck surgery



12. Anandbabu Rangasamy, Subash Chandra Bose Gandhi and Vignesh Tamilchelvan, Department of Community medicine has published article titled Biosorption of Hexavalent Chromium by Paenibacillus pabuli and Bacillus cereus Isolated from Alkaline Industrial Contaminated Soil in Puducherry, India in Nature Environment and Pollution Technology- 2021

Conference attended by Faculty, Postgraduate students

By Faculties:

- 1. Dr.Manju.M, Professor, Dept. of Biochemistry has attended the first contact session of 11th NMC "Advanced Course In Medical Education" (ACME) from 15th to 18th April 2021 organized by SRMC-NMC Nodal Centre for faculty development, Sri Ramachandra Institute of Higher Education and Research (Deemed to be university), Chennai.
- 2. Dr.T.Rajan, attended VICHPE 2021 from 6th to 8th April 2021
- 3. Dr.T.Rajan, attended webinar on "Publication Ethics" conducted by NJCA on 10.04.2021
- 4. Dr.S.Ilankathir, Dr.M.Sudagar ,Mr.K.Sridhar, Mrs.G.Sowmya attended webinar on" Sudden Cardiac Death-Unravelling the Mysteries" on 16.04.2021.
- 5. Dr.T.Rajan, Dr.S.Ilankathir, Dr.M.Sudagar, Mr.K.Sridhar, Mrs.G.Sowmya attended workshop on "Research Methodology workshop certificate" from 5th 13th may 2021.
- 6. Dr.S.Ilankathir, Participated and chaired the session for National E-Conference-CHANTCON 2021"07.05.2021.
- 7. Dr.T.Rajan, Dr.S.Ilankathir, Mr.K.Sridhar attended training program on "AVMC COVID 19 Management Protocol" on 27.5.21.
- 8. Dr.B.R.Asokan has attended the scaffolding our students- a student support program by AVMC held on 29th may 2021
- 9. Dr Sivaraj has attended IRC meeting in SAHS, VMRF and Doctoral committee meeting in VMCON held on 16th and 17th June 2021 respectively
- 10. Dr Madhanagopal has attended the scaffolding our students- a student support program by AVMC held on 29th may 2021
- 11. Dr Madhanagopal co-coordinated online JAM sessions for I and II MBBS students held on 29th April and 8th may 2021 respectively.
- 12. Dr Deepa kameswari co-coordinated CAMU demo session for I MBBS and Elseiver clinical key demo program for II MBBS held on 8th may and 15th may 2021 respectively.
- 13. Dr.B.R.Asokan, HOD has attended workshop on basic statistics by SMVMCH, Puducherry on 21st April 2021
- 14. Dr Meganathan has attended virtual conference on Diabetology in primary care by RSSDI held on 10th April,2021



- 15. Dr Deepa Kameswari has attended workshop on informed consent writing by chettinad institute of health sciences on 28th April 2021
- 16. Dr Sivaraj, Dr Velvizhy has attended e-FDP on teaching, leraning and evaluation by Hindu college of pharmacy from 15th to 19th June 2021.
- 17. Dr. Lakshmi Jatiya, Professor & Head, attended 2 days conference on infectious diseases (FORUM 2021- Infectious diseases) from 24.04.2021 to 25.04 2021.
- 18. All the faulty of the department (Dr. Lakshmi Jatiya, Dr. Gopinath M, Dr. Jothi Marie Feula A, Mrs. Hemalatha and Dr. Susmita) have attended the Research methodology workshop organised by IRC, AVMC from 03.05.2021 to 13.05.2021.
- 19. Dr. Jothi Marie Feula A and Mrs. Hemalatha M have attended "The Genomic conclave" conference and one day workshop on "RT-PCR Primer design", organized by Chettinad medical college, Chennai, on 27.05.2021 and 28.05.2021.
- 20. Dr. Lakshmi Jatiya, Dr. Gopinath M and Mrs. Hemalatha M have attended a webinar on "Stress-Holistic overview", organized by Chettinad medical college on 11.06.2021.

Awards & Achievements

- 1. Extramural funding of 10 lakhs has been sanctioned for the ICMR project titled "Association between PITX2, GATA-4 Single Nucleotide Polymorphisms and Atrial Fibrillation in young adult population-An observational study" for which Dr.Ravikumar S is the principal investigator.
- Dr.J.Arun Daniel, Associate Professor, Department of Community Medicine received 'Young Researcher Award 2021' From Institute of Scholars and also 'Reviewer for the International Journal of Basic and Applied Sciences' from Institute of Scholars
- 3. Dr. Prithiviraj Nagarajan , Research associate from Multi-Disciplinary Centre For Biomedical Research received Best oral presentation award in second virtual International conference on Naturopathy, Nanotechnology , Nutrceuticals and Immunotherapy In Cancer Research -2021, on June 11-12 2021.
- 4. Dr. Prithiviraj Nagarajan , Research associate from Multi-Disciplinary centre for biomedical research has been awarded for the excellence on review in recognition of his outstanding contribution to the quality of journal of pharmaceutical research international
- 5. Mr. Nelaturi Prabhudas Research scholar, from Multi-disciplinary centre for biomedical research received Young Scientist Award by International Conference on Environment, Agriculture, Human and Animal Health (ICEAHAH2021) on June 05-06, 2021
- 6. Mr. Nelaturi Prabhudas , Research scholar, from Multi-Disciplinary Centre For Biomedical Research received Best oral presentation award in Ph.D., Scholar category in second virtual International conference on Naturopathy, Nanotechnology, Nutrceuticals and Immunotherapy In Cancer Research -2021, on June 11-12 2021.



Spotlight

Department of General Medicine

Our Vision:

- Novelty in teaching students
- Utilizing cutting edge technology in patient-management
- Modern research towards achievement of innovative research in prevention and cure of newer diseases

Our Mission

- Department of excellence to impart guiding medical education for UG & PG students in medicine
- To meet the global challenges in the race towards disease alleviation and cure
- To spearhead research in medicine as a salvation of amelioration and cure in the wide spectrum of both communicable and non-communicable diseases
- Make quality medical care
- Elevate the reputation of department and institution
- Diversify and develop outreach programmes
- Inculcate in doctors value of holistic medicine care
- Combine cutting edge technology
- Involvement in all National Health Programmes
- Nurture & produce best physicians of tomorrow
- Ensure medical progress through trials and research

Overviewe:

Aarupadai Veedu Medical College and Hospital is a constituent college of Vinayaka Missions University, Salem, Tamilnadu. This educational institution is located in Kirumampakkam, 12 kms away from the city of Puducherry.

This prestigious institute was established in the year 1999. It is famous for being the first private institution to offer holistic medical services to the community in Puducherry.

The hospital obtained its recognition from the MCI in the year 2000. The Department of General Medicine has been functioning actively since the inception of the institute. It began with 4 units catering to patient care and wellbeing.

By year 2001, undergraduate courses were started. The college offers a four and a half year course with one year of compulsory rotatory residential internship affiliated to Pondicherry University. There were 100 seats per year. It was given a deemed University status in the year 2005.

Post graduation courses in the Department of General Medicine was started by the year 2007. Initially the total number of post graduation seats in the department of general medicine were 4 which was later increased to 5 per year in the year 2013.



Department also helps in conducting Allied Health Science Courses such as Physician Assistant, Perfusion Technician & Dialysis Technician.

The college offers a wide array of academic programmes for students. The highlights of the Department of General Medicine include a student friendly teaching atmosphere which involves didactic lectures, project works, seminars, journal clubs, and inter departmental society meetings. Regular CME programmes are also conducted that help students to gain new insight and strengthen their knowledge and increase awareness regarding the most recent updates and advances in medical care.

The department provides curative services to a large patient load from all over Tamilnadu with a wide spectrum of diseases. The department also conducts regular health camps around Puducherry to reach out and serve the community better. The department is also actively involved in clinical research as well as authoring books both in clinical medicine and general medicine. We also encourage research work among undergraduates and post graduates by assisting them to participate in the ICMR challenges. Since establishment, the department has many number of publications in peer reviewed national and international journals.

The department also conducts special clinics every day of the week for Headache, Hypertension, Neurology, Rheumatology and diabetes mellitus. It also offers medications free of cost to patients attending these special clinics. The department supports a variety of super specialty departments such as Nephrology, Cardiology, Rheumatology and Medical Gastroenterology. A 24 hour emergency service including a full time dialysis unit, and CATH LAB facility with 10 bedded ICU infrastructure containing the latest state of the art equipment is also provided. The department also offers a screening program in the form of master health check up for patients. We also cater to various health insurance schemes to provide medical services for the underprivileged. We conduct various awareness programmes in nearby villages.

In addition to five MD seats, nine seats have been permitted ,taking total to fourteen MD General Medicine seats.

- To provide the best student experience through innovative educational programs.
- To provide high quality diagnostic pathology services for optimal patient care.
- To provide blood transfusion service for better patient health care.
- To enrich the Scientific research by encouraging interdisciplinary collaboration.
- To achieve NABL accreditation for diagnostic services.

Faculties:

S. No	Name of the faculty	Designation
1	Dr. S. Vithiavathi	Professor & Head of the Department
2	Dr. K. Jayasingh	Professor & Medical Superintendent



3	Dr. K. Sankar	Professor
4	Dr. Shanmukh T Kalsad	Professor
5	Dr. R.N.Seshassayana	Associate Professor
6	Dr. N. Vishnu Anjan Nareddy	Associate Professor
7	Dr. Gerard Joseph Devadassou.G	Assistant Professor
8	Dr. Vivek Paul Benjamin	Assistant Professor
9	Dr. S. Sankar (Gastroenterology)	Assistant Professor
10	Dr. Vinoth (Gastroenterology)	Assistant Professor
11	Dr.Sathyasagar, (Nephrology)	Assistant Professor
12	Dr. Mithun	Senior Resident
13	Dr. Bershic Valantine	Senior Resident
14	Dr. Sameena Hussainy	Senior Resident
15	Padmashree, P.C.Roy Avardee, Prof. Dr TV Devarajan	Emeritus Professor

Courses:-

- UG-MBBS and others Paramedical Courses (Physicians Asst. Dialysis Technicians, ECG Technicians etc
- PG-MD General Medicine

Academic Activity & Patient care Services:

- Outstanding service during the COVID-19 pandemic by our Nodal Officer, including preparation of
 official
- COVID-19 management guidelines for AVMCH
- Super-speciality services like Cardiology, Nephrology, and Medical Gastroenterology.
- 24 hours dialysis services
- Cardiac Cath Lab facility available.
- State-of-the-art MICU and ICCU
- Outreach camps for poor rural patients
- Free drug supply for poor diabetic and hypertensive patients
- Medical insurance schemes

Research:-

- Research and Publication of our faculties >70
- 2 faculty have completed RBCW; 3 faculty have attended CISP workshop
- Conducting of CMEs and Workshops on regular basis
- HOD is a member of IRC & IEC



Two Best Practice:-

1. Clinical research and identification of rare & unique clinical cases with poster presentation in regional and national conferences.

Details of the Practice: Detailed clinical examination of all our patients has enabled us to detect rare interesting and unique cases which have been presented as posters in state and national level conference Total of 32

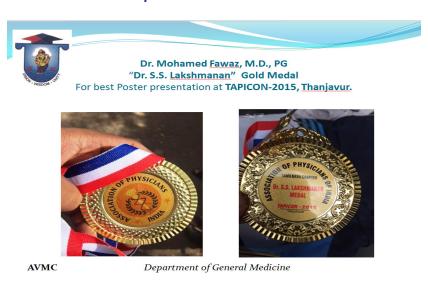
Outcome: We have been awarded 6 gold medal in the past 6 years

2. Counselling of relatives & Attenders of critically ill patients with video recording of the counselling session

Details of the Practice: Relatives and attenders of seriously ill patients in the MICU & ICCU are counselled regarding the patient's exact clinical condition, treatment options and likely prognosis these sessions are video recorded both for in house quality assessment & legal purposes

Outcome: Patients relative clearly understand what is happening to the patient and what is likely to happen in the near future this clarify of communication as removed patient's relative and doctor misunderstanding and no acts of violence against the hospital staff have occurred in last few years

Awards and Achievements from the department:





Department of General Medicine







AVMC

Department of General Medicine





One more feather in our cap of a hat – trick of medals marching <u>onrward</u> from State Level to National Level. Congratulations to Dr. <u>Yeruva Poulina Deepthi</u> Reddy, 2nd Year Post Graduate, Department of General Medicine for winning the first prize in Pulmonology Poster Presentation – "Mystery of Tangled Vessels!!! (AV Malformation of Intercostal Vessels)" at the 74 the APICON held at Kochi from 7th to 11th Feb 2019 under the guidance of Prof. <u>Dr.S.Vithiavathi</u> (HOD), Dr. L. <u>Satish</u> and Dr. <u>S.Senthilkumar</u>

AVMC

Department of General Medicine



Infrastructure

1. AVMC-CLINICAL TRIAL UNIT

AVMC – Clinical Trial Unit proposed to clinicians and health care workers to participate in the trials that will address the research priority areas. AVMC Clinical Trial Unit comprises of Site Management Office, including reception, sample collection area and data storage room and separate clinical trial ward. It will work under the guidance of Dr.P.F.Kotur,Dean AVMC&H,Dr.Visnu Bhat, MDR ,AVMC&H, Dr.Anebelle Director, MR,VMRF, Dr.Vidyavathy ,Prof & HOD, General Medicine. Dr.B.R.Asokan, Professor and Head as the incharge of CTU and Dr.Narayanansamy, Assistant professor, Department of Pharmacology is the Coordinator

This unit act as supporting department for the principal investigators and sponsors by providing guidelines based on the SOP, giving advice and archiving study-related documents. It will also maintain a database of ongoing trials in the hospital. Almost 60 eligible principal investigators showed their interest to participate in systematic clinical trials..







2. Renovated Anatomy Dissection Hall was inaugurated:

Inauguration was performed on 24.05.2021. Our beloved Dean Professor P.F.Kotur, Dean HPE Professor V.N.Mahalakshmi, Medical Superintendent Dr. Jayasingh, Vice Principal and HOD of Anatomy Dr.T.Rajan presided over the inaugural function. Other teaching, non-teaching faculties of the department also took part in the inaugural function.





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Academic Activities

1. The Department of Community Health Nursing in collaboration with IQAC, Vinayaka Mission's College of Nursing, organized an e-Panel discussion on "New National Health Programs" on 27.04.2021. Dr. Sathish Raja, MBBS, MD Senior Resident, Department of PSM, JIPMER, Puducherry was moderator of the panel discussion, he unfolded the theme and introduced all resource person with respective topics of new National Health Programme. The panel discussion was started by Mrs. P. Hemavathi, M.Sc. (N), MA (PA), Ph. D, Assistant Professor, Department of Community Health Nursing, PIMS, Puducherry, She spoke on "Reproductive, MCH & Adolescent Health Programme". She explained new strategies, goal and achievements in this Programmes. The second session was delivered by Dr.A.Gothainayagi, M.Sc. (Nutrition), Ph.D, VMCON, Puducherry on "National Nutritional Programmes". She explained about the importance of nutritional programmes. The third session was discussed by Mr. Z. Ramaprabhu M.Sc. (N) & Medical Sociology, Associate Professor, Department of Community Health Nursing, KGNC, Puducherry on the topic "Communicable disease Programmes". He described all the collaborative programme and role of NGO'S in implementing the programmes. The fourth discussions was dealt by Mrs. S. Merlin Raja Kumari, M.Sc. (N), Assistant professor, Department of Community Health Nursing, PIMS, Puducherry on "Non-Communicable disease programme". She explained new strategies and burden of disease in this programmes. The beneficiaries of this e-panel discussion were nearly 136 nos.





2. The Department of Mental Health Nursing, Vinayaka Mission's College of Nursing, organized CME in commemerance of World No Tobacco Day 2021 on 01.06.2021at 02.00 pm through Zoom platform. The Guest Speaker Dr. R.R. Kavitha, Associate Professor of Psychiatry, Faculty in Nursing, College of Nursing, JIPMER, Puducherry, spoke about ill effect of tobacco use and role of nurse Following the session Dr. Gopal Pillai, Director, Mother Trust, Puducherry, dealt the case discussion of Tobacco patient and also explained about the techniques to quit tobacco. The student were actively involved and got clarified with their doubts during the session. At the end the World No Tobacco Day Pledge was administered by Dr. G. Muthamilselvi, Principal, and VMCON to the students. Nearly 52 students and 10 faculty of VMCON got benefited .



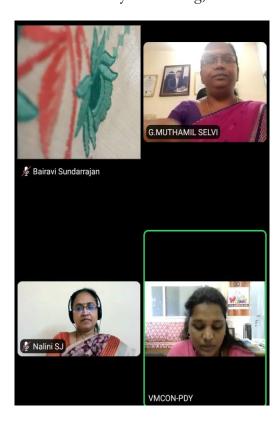




- 3. VMCON, Puducherry, Department of Child Health Nursing in collaboration with IQAC organized the Faculty Development Programme on "Research Methodology Randomized Controlled Trial" on 29/4/2021 between 10.00 am to12.00 noon. Dr. V. Sasi, Vice Principal, welcomed the Guest Speaker and participants. Dr.G.Muthamilselvi, Principal, listed the significance of FDP on Research Methodology. Guest speaker Dr. Rebecca Samson, Director of Nursing & Research elaborated the Randomized Controlled Trial and how to implement it in the clinical setting. Finally Dr. B.Sudha proposed the vote of thanks and the programme came to an end at 12.30 noon. Nearly 20 faculties & 24 PG students participated and gained insight regarding RCT & its application in Nursing Research.
- **4.** The department of Medical Surgical Nursing, Vinayaka Mission College of Nursing, and Puducherry has organized Faculty development Programme (FDP) on "Curriculum Mapping" on 17.05.2021. The FDP was started at 2.00 pm with the welcome address by Dr.Malathy.R Associate Professor, cum HOD Dept. of MSN, VMCON. The theme was unfolded by Dr.G.Muthamilselvi Principal, VMCON. The session was started at 2.15 pm by Prof.Dr.S.J. Nalini, RN, RM, Principal Sri Ramachandra faculty on Nursing, SRIHER

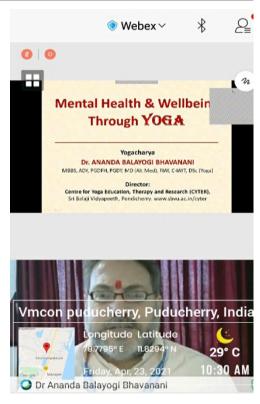
(DU), she discussed about Developers of Curriculum Mapping, Benefits of Curriculum Mapping, Tensions in Nursing Education, Curriculum Mapping Goals and Programme Outcome Learning Analysis. Vote thanks was delivered by Mr. Jaiganesh.E, Lecturer Dept. MSN, and VMCON .Thirty faculty members were benefited through this Faculty development Programme.





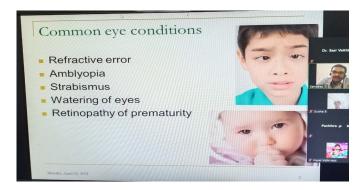


5. The Department of Mental Health Nursing (MHN) in collaboration with IQAC, Vinayaka Mission's College of Nursing, organized an International e- Conference on "Complementary and Alternative Medicine (CAM) in Mental Health" from 23.04.2021 to 24.04.2021. The programme started at 9.00 am the first session was handled by Dr. Ananda Balayogi Bhavanani, Director, CYTER, SBV University, Puducherry on the topic of "Yoga in Mental Health". He explained about the history, 8 limbs of yoga, & benefits of yoga. The second session was done by Dr. Balamurugan.G Registrar (Admin), M.S. Ramaiah Institute of Nursing Education and Research Bangalore, on "Biofeedback mechanism & Chiropractic Medicine". He explained role of the nervous system plays in the mental health disorders. The third session was delivered by Dr. Haripriya. S, Associate Professor, Dept. of Food Science & Technology on "Diet & Nutrition". She explained about the importance of Gut-Biota in the synthesis and regularization of neurotransmitters. The fourth session was presented by Dr. Rajinikanth Maruthu, Clinical Nurse Manager, Bloom Field Mental Services, and Dublin, Ireland on the topic of



"Ayurveda". He described the history and common forms of medications. The last session of the day was shared by Dr. Mufeeth Khan, Chief Executive Officer, Alsaqar Healthcare Management, Hyderabad on "Accupressure & Accupuncture" The participants were instructed to fill the feedback form through the link posted in the chat box. The participants were actively involved and got clarified with their doubts from the experts at the end of every session. The beneficiaries of this international conference were nearly 153 nos.

6. VMCON, Department of Child Health Nursing & Internal Quality Assurance Cell organized "Seminar on "Disorders of the Eye in children" on 26.04.2021. The session was inaugurated at 10.00 am. The first session was taken by Mr. Sandeep, Optometrist, JIPMER, Puducherry on the topic "Assessment of the Eye". The second session was handled by Ms. Valarmathi Arunachalam, Senior Lecturer and Doctoral Scholar, Sri Ramachandra Institute of Higher Education, Porur, Chennai and the topic was "Refractive errors of the Eye". The next session was started by Dr. Keerthana, MS Ophthalmology, Junior Resident, JIPMER, and Puducherry. She explained about the "Infections of the Eye". Next session was done by Dr. VanajaVaithiyanathan, Director and Consultant, Ophthalmic Surgeon, Jothi Eye Care Center, Puducherry and the topic was "Digital eye Problems, Eye care in children and eye donation". M.Sc. (N), B.Sc. (N), PBBSC (N) and DGNM Nursing students from VMCON and students from other nursing colleges also participated and benefited by this session. About 125 students and 18 Faculties participated in the program.

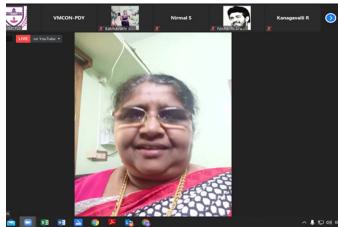






7. Vinayaka Mission's College of Nursing Students Nurses Association (SNA) celebrated International Nurses Day with great enthusiasm on 20/05/2021 via Zoom link. You tube link was created and shared to the students to join. The theme of the year is "Nurses: A Voice to Lead - A vision for future healthcare". Based on the theme SNA organized seminar for the student nurses on "Nightingale steps to Future Health Care" and conducted poster and poem competition. The programme started at 09.30 am with welcome address by Mr. Paviarasan SNA Student President followed by Dr. Rebecca Samson Director of Nursing & Research delivered presidential address. The seminar started at 10.30 am by Dr. G. Muthamilselvi with the title of "personalizing care" and Dr. K. Kanagavalli presented on "Promotion of caring and compassion". Another session on "Technology based care" was presented by Dr. T. Sivabalan. The winners of poem and poster competition were announced.





Outreach activities

1. VMCON ,Puducherry behalf of Community Health Nursing department organized COVID-19 Vaccine Festival Camp on 16.06.2021.at Abishekapakkam village, our B.Sc. (N) IV year & DGNM -III year students 10 no's in collaboration with primary health center medical practitioner actively involved and administered vaccine to the people.





2. NSS unit of Vinayaka Mission's College of Nursing, Puducherry organized an Environmental Day programme on 05.06.2021 at 10.30 A.M. Around 58nos students of B.Sc. (N) III year along with NSS programme officer Mrs. V.Sujitra participated and actively involved in Environmental Day programme. NSS volunteers resolutely participated to create an healthy environment and during this pandemic it is necessary to have a green environment. To create an awareness students planted trees.







3. NSS unit of Vinayaka Mission's College of Nursing, Puducherry organized a Covid19 vaccine awareness programme at Kirumampakkam on 20.04.2021 at 10.30 A.M. Around 51 no's students of DGNM III year along with NSS programme officer Mrs. V.Sujitra participated and actively involved. Awareness was created through health talk to take vaccine those who are above 45 years as per Govt guidelines for vaccination which was really helpful during the pandemic situation





4. Vinayaka Missions College of Nursing, Puducherry, Department of Child Health Nursing organized an outreach activity on the "PREVENTION OF CHILD LABOUR" on 12.06.2021. The event for the programme were the videos, photographs focusing on the theme. 25 students enrolled and submitted the content for review and the same was telecasted on the social media of the institution. It was viewed by 158 in YouTube, 35 in Instagram, 58 in Face book.

Congratulations !!! Ph.D. Award

Dr.Gothainayagi.A, Lecturer, Department of Nutrition VMCON, has successfully completed Ph.D. on 05 May 2021, the thesis entitled on **nigella sativa oil encapsulation by spray and freeze trying technique and**

synthesis, **characterization** of its gold nanoparticles and she was awarded the Ph.D degree by Pondicherry university.

Dr.Samundeshwari.A. Professor, Department of Child Health Nursing VMCON, has successfully Completed Ph.D. on 30.06.2021. Thesis titled on **effectiveness of nutritional counselling among parents of obeys children**. Awarded by Vinayaka Missions research foundation -Deemed to be university Salem.





Conference /workshop/ FDP/ Seminar /Guest lecture/webinar/ -participated

Dr.G. Muthamilselvi, Principal VMCON, she has participated international inter university virtual conference on closing the gap in nursing teaching and practice on 23 & 24 june 2021 organized by chettinad college of nursing, chettina academy of research and education .Chennai.

Dr.G. Muthamilselvi, Principal VMCON, she has attended webinar on how India should be prepared for COVID- 19 3rd way held on 25th June 2021 organized by Dr.Danish salim, HOD & academic Director PRS emergency dept.TVM CEO & MD.

Dr.G. Muthamilselvi, Principal VMCON, has conducted a DC meet for Ph.D scholar on 17 June 2021 and six members were presented the abstract.

Dr.G. Muthamilselvi, Principal VMCON, has participated on world no tobacco day on May 29th 2021 organized by All World Tamil Friends Social Movement. Supported media by Tamil America TV.

Dr.G. Muthamilselvi, Principal VMCON she has participated international yoginar series on international yoga day on 22.06.2021 organized by Centre for yogic sciences AVMC&H Puducherry.

Dr.G. Muthamilselvi, Principal VMCON she has participate as resource person on jeevan kaushal curriculum for life skills training program on career opportunities.22 June 2021. Organized by our Vinayaka Missions College of nursing Puducherry.

Dr.G. Muthamilselvi, Principal VMCON, was paper evaluator for PG students on 25th &26th May 2021 under Pondicherry University.

Dr.Sasi.V, Vice Principal VMCON, she has participated international conference on international debate on examination & assessment -2021 on 8.06.2021 organized by council of examiners – India & skill slate foundation. Pune.

Dr.Sasi.V, Vice Principal VMCON, has participated courses on advanced certificate course on plagiarism on 13.06.2021 organized by pharmastate academy.

Dr.Sasi.V, Vice Principal VMCON, has participated international webinar on breast feeding self-efficacy and satisfaction among primi mother on 30.04.2021 organized by Sri Ramachandra institute of higher education and research deemed to be university Chennai.

Dr.Sasi.V, Vice Principal VMCON, has participated online workshop on high risk pregnancies prevention and management –maternal health care for healthy generation on 24.04.2021 organized by nationwide quality of network.

Dr.Sudha.B, HOD Department of Child health Nursing VMCON, has participated nursing mindfulness -2021 webinar on COVID-19 Essential Preparedness on 3.06.2021 organized by faculty of Nursing Dr.MGR educational and research institute Chennai associated with National service scheme wing .



Dr.Sudha.B, HOD Department of Child health Nursing VMCON has participated as resource person in faculty development program on E-content development on 4.05.2021 organized by MIT ,arts commerce and sciences college pune.

Dr.Sudha.B, HOD Department of Child health Nursing VMCON, has contributed to the one day national workshop on E-content Development on 15.05.2021 organized by IQAC Pillai College of arts& commerce and science Mumbai.

Dr.Sudha.B, HOD Department of Child health Nursing VMCON, she has been enrolled valuable member of the nationwide quality care network supported by world health organization.

Dr.Sudha.B, HOD Department of Child health Nursing VMCON, has participated on national pediatric nursing conference on innovations and advances in pediatric nursing gate way for quality care on 24.06.2021 organized by Christian medical college Vellore. Credit hours 8 awarded by Tamilnadu Nurses and midwives council Chennai.

Dr.Rajarajeswari.A HOD, Department of OBG, she has participated international yoginar series on international yoga day on 22.06.2021 organized by Centre for yogic sciences AVMC&H Puducherry.

Dr.Rajarajeswari.A HOD, Department of OBG, she has attended faculty development program on innovative approaches to content delivery & assessment of student learning through online on 1.06.2021 organized by department of audiology & speech language pathology school of allied health sciences, AVMC& H.Puduchery.

Dr.Rajarajeswari.A HOD, Department of OBG, she has attended workshop on COVID-19 & its impacts on children on 28.05.2021 organized by bharathidasan university Chennai.

AVMC&H Puducherry organized online workshop on faculty research methodology on 5.05.2021 our VMCON faculties were participated and benefited for this program.

Mrs. Vithyalakshmi. U, Lecturer Department of Mental Health Nursing VMCON has attended e-conference on therapeutic management on 23.06.2021 organized by Chettinad College of nursing perungalathur Chennai.

Mrs.Maheswari.S lecturer, Department of Medical Surgical Nursing,VMCON has participated national level faculty development program on how to make teaching learning process effective & outcome based on 21.06.2021 organized by department of commerce association of Indian agriculture research institute Indore India.

Publication / paper presented

Dr.G. Muthamilselvi, Principal VMCON, has published article co-author with Ph.D scholar on Life Style Modifications for Menopausal Women. On May 2021. Published in International Journal of Research and Analytical Reviews (IJRAR).

SCHOOL OF ALLIED HEALTH SCIENCES **AND YOGA SCIENCES**



Audiology and Speech Language Pathology

Webinars conducted:

1. Webinar On Care For Singing Voice (16.04.2021)

World Voice Day observed globally on April 16 and celebrated the phenomenon of voice. World Voice Day aims to bring to the notice of the world the need of preventing voice problems rehabilitating the deviant or sick voice, training the artistic voice, and researching the function and application of voice.

The theme of this year's World Voice Day was "One World, Many Voices". In lieu of this, Department Of Audiology And Speech-Language Pathology conducted online webinar "Care For Singing Voice", on 16th April 2021.

Expert talk was given by Padhmashri Dr Sirkazhi G Sivachidambaram-Singer and Physician, by sharing his views on the vocal issues faced by him during the course of his career. This was followed by an interview with Prof Prakash Bhoominathan, Sri Ramachandra Institute Of Higher Education and Research. A total of 150 participants attended the program,

along with students from Music Academy, Annamalai University. The webinar lasted for one hour. Survey form was distributed to Professional Voice Users at the end of the webinar. The webinar was live-streamed on the department channel-DASLP-VMRF.



The COVID-19 has resulted in schools and colleges shut all across the world. As a result, education has changed dramatically, with the distinctive rise of e-learning, whereby teaching is undertaken remotely and on digital platforms. The COVID-19 pandemic has provided us with an opportunity to pave the way for introducing digital learning.

In accordance with the increasing need of the hour, Department of Audiology and Speech-Language Pathology, organized Faculty Development Programme On "Innovative Approaches to Content Delivery and Assessment of Student Learning Through Online". The programme







was scheduled from 1st June 2021 to 5th June 2021, with each session for one hour duration. Along with overall orientation to synchronous and asynchronous mode of online teaching, hands on training were provided by expertise Vimal A Jerald, Assistant Professor, Department of Computer Sciences Joseph College, Tiruchirappalli.

A total of 200 participants from medical and allied departments, along with faculty from other reputed colleges, and alumni AVMC-VMRF, attended the programme. The recorded session of the webinar was made available on the Department YouTube Channel-DASLP-VMRF.

3. Webinar Role of Speech-Language Pathologist In Aphasia Management

June is National Aphasia Awareness Month, which is a national campaign to increase public education around the language disorder and recognize the numerous people who are living with or caring for people with aphasia. In order to promote awareness, a detailed orientation session was organized on the Topic-Role of Speech-Language Pathologist in Aphasia Management, by the Department on 30th June 2021. The talk was given by Mr. Rakesh CV, Assistant Professor, Department Of Audiology And Speech-Language Pathology. Multidisciplinary Approach to Aphasia Treatment was highlighted along with the indispensable role by SLP in Aphasia Assessment and Treatment. A total of 100 participants attended the programme.



4. Other webinars conducted

28.05.2021- Cisco Webex Meeting Webinar An Eye on Eyes Department of Optometry, SAHS, AVMC Campus . Mrs. Valarmathi Arunachalam was the resource person. 96 persons participated in the webinar

29.05.2021 - Cisco Webex Meeting Online Webinar On "Radiation Detection Measurements and Monitoring & Application of Biological Dosimetry "was organized by Department of Radiography Technology, SAHS. .31 faculties and students participated. and gained knowledge about Radiation Detection Measurements & Dosimetry. Dr.Mayakannan & Mr.G.Kesavan were the resource persons.

31.05.2021 - Cisco Webex Meeting Online Webinar On "Hurdles a Perfusionist confronts" was organized by Department of Perfusion Technology, SAHS , AVMC Campus, Pondy. 210 participated. Mr. Albert J Davis was the resource person

18.06.2021 - Cisco WebEx Meeting A Live Webinar on "Evidentiary Perspective of Forensic Investigation "was organized by Department of Forensic Science Technology, SAHS, AVMC Campus ,Pondy .210 participants attended the webinar. Dr. ShankarM. Bakkannavar, Associate Professor, Dept of Forensic Medicine and Toxicology, Kasturba Medical College, Manipal &Ms. Anitta Joseph, Researcher in the field of fingerprints, Dept of Forensic Medicine and Toxicology, Kasturba Medical College, Manipal were the speakers



26.06.2021 - Cisco WebEx Meeting . 435 participants took part in Live Webinar on "Narrow QRS Tachycardia in ECG and Introduction to EP study" organized by Department of Cardiac Technology, SAHS, AVMC Campus, Pondy. Mr. Jayapradhap. V, Senior Cardiac Physiologist at Addenbrooke's Hospital, Cambridge, United Kingdom was the resource person

EXTENSION ACTIVITIES:

Health Awareness Video was prepared by12 students

Health Awareness Video for the Perfusion Appreciation Week was done by Ms.Harsha, Assistant Professor & B.Sc., Perfusion Technology II & III Year students. The awareness video explained about the Importance of Perfusionist during COVID-19 Pandemic.

Participants gained knowledge about the Role of Perfusionist during COVID-19 Pandemic.





Webinars attended By Faculties and Students

International Children's Book Day Celebration Quiz was conducted by SAHS Participants gained knowledge about Books and Authors

Awareness Quiz on COVID-19 Vaccination was held in which Participants gained knowledge about Importance& benefits of COVID-19 Vaccination.

World Earth Day Quiz was conducted online in which the participants gained knowledge about Preservation and Conservation of Earth's natural resources

05.05.2021 - Cisco Webex Meeting ,Webinar on "The Science Behind Perfusion". 01 faculty and 30 students participated in the webinar.

07.05.2021 - Cisco Webex Meeting Forefront of Future Frontiers organized a webinar on "A Medical Webinar Series To Translate Novel Scientific Innovations and integrate them in to Practice". 02 faculties and 47 students took part in the webinar.



15.05.2021 - NAAC Preparation: Peer Team Visit webinar was attended by 25 faculties.

17.05.2021 – 23.05.2021 Cisco Webex Meeting A Short Term Course On "Medical Imaging Techniques" was organized by SAHS. 3 faculties and 53 students participated in the webinar.

17.05.2021 - 19.05.2021 Cisco Webex Meeting Online Webinar Anaesthesia Technology 50 participants attended the webinar

21.05.2021 - Cisco Webex Meeting Online Webinar on "Cardiac Technology ECG Interpretation ". 02 faculties' and 160 students attended the webinar

21.05.2021 Cisco Webex Meeting Online Webinar on Renal Dialysis Technology-Congenital Nephrotic Syndrome was attended by 3 faculties and 48 students

26.05.2021 - Zoom Meeting –Webinar on "Designing a Robust & Transparent Educational Process." 25 faculties attended the webinar.

26.05.2021 Cisco Webex Meeting Motivational Webinar on "Accept, Fit In & Overcome" was attended by 26 students

28.05.2021 Cisco Webex Meeting Webinar on "Gender Sensitivity" was attended by 20

Faculties and 141 students.

03.05.2021 - 13.05.2021 - Research Methodology Workshop was organized by AVMC in which 25 faculties participated and benefited

01.06.2021 – 07.06.2021 – Research Methodology Workshop was attended by 25 participants.

02.06.2021 - Cisco WebEx Meeting Live Webinar on Initiating Start Up – Mentoring Session was attended by 7 faculties.

14.06.2021 - Cisco WebEx Meeting , Live Webinar on World Blood Donor Day on "Blood Donation & Awareness" . 9 faculties and 142 students participated in the webinar.

08.06.2021 –18. 06.2021 - Cisco WebEx Meeting Short Term Course was organized by Department of Optometry on Clinical Aspects of Binocular Vision & Vision Therapy.40 participants were benefited



Yoga Sciences

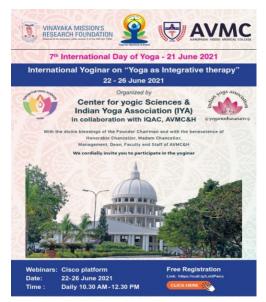
7th International Day of Yoga 2021

Centre for Yogic Sciences (CYS), AarupadaiVeedu Medical College & Hospital (AVMCH), Vinayaka Missions Research Foundations (VMRF) in collaboration with IQAC & Indian Yoga Association (IYA) organized events for 7th International Day of Yoga 2021. On 21st June Medical, Nursing &Physiotherapy students physically (10 students with social distance following COVID- 19 protocols) and virtually (zoom 100 students) demonstrated **Common Yoga Protocol** followed that from 22nd June to 26th June Organized **International Yoginar (webinar) on "Yoga as Integrative therapy"**.

The event was presided by **Prof. Dr. P.F. Kotur**, Dean AVMC & H and Chief Guest was **Yogacharya Dr. Ananda Balayogi Bhavanani**, Chairman ICYER at Ananda Ashram, Pondicherry.

All events were organized under guidance of Prof. Dr. Madanmohan, Emeritus Professor of Physiology & Director, Center for Yogic Sciences & Vice- chair person IYA- Puducherry Chapter. Dr Lakshmi Jatiya, Head and Professor, Department of Physiology gave admirable support.

Organisation was done by Yogachemmal Dr. R. Balaji, Assistant Professor, CYS & Joint - Secretary IYA- Puducherry Chapter and Sri Artchoudane, Assistant Professor, CYS & Life Member IYA.



Eminent Speakers included Dr. I.V. Basavaraddi, Dr. Rama Reddy Karri, Dr. Sanjay Malpani, Dr. Sampadananda Mishra, Dr. S.T. Venkateswaran, Dr. Hermant Bhargav, Yogacharini Kalavathi Devi, Yogacharini Sangeeta Laura Biaggi, and Yogacharini Devasena Bhavanani of ICYER and Yoganjali Natyalayam blessed the occasion with her divine presence.

Gratitude & thanks to **Dr. Mahalakshmi, Dean-HPE, AVMC & H** for providing virtual and moral support of this program. Our sincere thanks to **Dr. Rajan, Vice Principal, AVMC & H** for support.





Speakers of the event











Online Sessions Going on









Students demonstrating Common Yoga Protocol

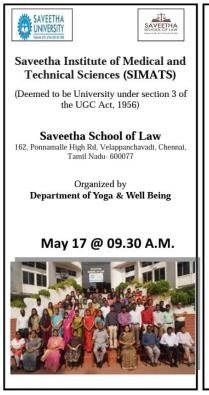


Faculty as resource person:

Prof. Dr. Madanmohan, Emeritus Professor of Physiology & Director, Centre for Yogic Sciences of AVMC & H invited as a resource person in International Capacity Building Workshop- Webinar on "Yoga for Non communicable Disease- A Scientific Perspective" hosted by MDNIY, New Delhi Ministry of AYUSH, Government of India and World Health Organization (WHO) and delivered a talk on "Cardiovascular disease (CVD) - A global health burden- An overview" on 24.04.2021.



Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences, AVMC & H, invited as a resource person and delivered a talk on "Role of Yoga During Pandemic" in National Workshop on Yoga for Awareness on COVID- 19 Pandemic organized by Department of Yoga & well Being of Saveetha School of Law a constituent college of Saveetha Institute of Medical and Technical Sciences (SIMATS) on 17.05.2021



		1	PROGRAMME SCHEDULE	
NATIONAL WEBINAR		9.40 am	Starting Prayer	
	ON YOGA FOR	9.45 am	Welcome address by	
ON TOGATOR		To	MRS. A.N.KAMALI,	
	AWARENESS ON	9.50 am	Saveetha School of Law – SIMATS	
AWARENESS ON		9.50am	Presidential Address by	
	COVID -19 PANDEMIC	To 10.00am	DR. ASHA SUNDARAM Principal, Saveetha School of Law—SIMATS.	
		10.00 am	Address by	
	Organizing Committee	To	DR MEENA RAMANATHAN, Deputy Director	
	Chief Patrons	10.40am	and Associate Professor, Yoga Therapy,	
	Cinci i an ono		Centre for Yoga Therapy, Education and Research, (CYTER), of Sri Balaji Vidyapeeth, Pondicherry.	
	Chancellor		Topic: Role of Yoga in Enhancing Immunity to	
l			Combat COVID Pandemic.	
	DR.N.M.VEERAIYAN	10.45am	Address by	
	Patrons	To	Dr.VETRIVENDAN RATHINAVELU, Siddha	
	DR. DEEPAK	11.20 am	medical officer – Department of Siddha, Sub District Hospital, , Government of Tamilnadu	
	NALLASWAMY VEERAIYAN.		Topic : Siddha Yoga for COVID 19	
	Professor & Director of Academics, SIMATS	11.25am	Address by	
	Professor & Director of Academics, ShviA13	To	C.MANOJ M.P.T., M.Sc., M.B.A.,	
	Vice-Chancellor	12.05pm	Physiotherapist, TNPESU, Chennai.	
		12.10 pm	Topic: COVID 19 - From a Physio's Perspective Address by	
	DR. RAKESH KUMAR SHARMA-SIMATS	12.10 pm	Yogachemmal Dr. R. BALAJI, Assistant	
		12.50 pm	Professor, CYS, Centre for Yogic Sciences, at	
	Convener	V.C. (100 P. (Vinayaka Mission Research Foundation of	
	DR. ASHA SUNDARAM		Aarupadai Veedu Medical College & Hospital	
	Professor & Principal,	12.50 pm	Topic: Role of Yoga During Pandemic Vote of Thanks by	
	Saveetha School of Law- SIMATS	To	Dr. A. S. SELVAM.	
		1.00 pm	Assistant Professor,	
	Organizing Secretary	11 *	Department of Yoga & Well Being	
	Dr. A. S. SELVAM	105	Saveetha School of Law – SIMATS Closing Prayer	
		1.05 pm Reg link: http		
	Department of Yoga & Well Being,	Reg link: https: https://docs.google.com/forms/d/1boeXayj8WFK51FJklKRyOXlg3z		
	Assistant Professor, SSL-SIMATS	wJS5Bi1eZL1	Lx4ClcE/edit	
	M: 9659072749	Meeting Coordinator: A.N.KAMALI		
	Mail Id –	Please click the link below to join the webinar:		
	yogamozhiselvam@gmail.com	https://us06web.zoom.us/j/89353520872?pwd=VIZhMTloYkNKMzh1WVhI WVovRDZ5UT09		
3 0		Zoom link: 89353520872		
Student's Co-ordinator		Password: yoga		
A.N.KAMALI (131801010),		Password: y	All are Welcome	
SSL-SIMATS			All are welcome	

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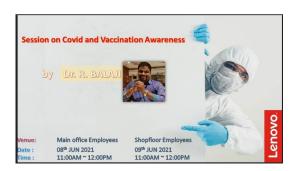
Prof. Dr. Madanmohan, Emeritus Professor of Physiology & Director- Centre for Yogic Sciences of AVMC & H, Invited as resource person in Sri Balaji Vidyapeedh University (SBV), International Day of Celebration from June 14-21, 2021. Sir gave his talk on "Yoga- The Best lifestyle ever designed" on 16.04.2021



Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H, went on Instagram live on COVID-19 FAQS organized by TYCL, India on May 26, 2021



Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H, gave an awareness sessions on Covid-19 &Covid Vaccination for employees of LENOVO company on 8th & 9th June 2021





Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H delivered a talk on Role of Yoga During COVID- 19 Pandemic on 12th June, 2021, organized by RAAK college of Engineering & Technology.



Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H, invited as a resource person in 3 days free Yoga workshop in commemoration with International Day of Yoga 2021, organized by The Indian Association of Physiotherapist Women's cell Nashik, Maharashtra in collaboration of Indian Yoga Association PrCB on 20th June, 2021.



Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H invited as a special guest in International Yoga Day Celebration 2021 organized by Vinayaka Missions College of Nursing(VMCON) on 22.06.2021 where he delivered a talk on "Yoga Life to Live"

Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H invited has resource person in 7 days awareness program "Secrets of Yoga Therapy" with Gitananda Yoga tradition organized by Live Holistic Wellness centre, Ranchi, Jharkand, where he delivered a talk on "Yoga Therapy: Preventive, Supportive & Curative Approach







Shri. S. Artchoudane, Assistant Professor, Center for Yogic Sciences, Aarupadai Veedu Medical College and Hospital, Puducherry delivered a lecture on 'Yoga – The Best Lifestyle' during 7th International Day of Yoga, organized by Vinayaka Mission's College of Nursing, Vinayaka Mission's Research Foundation, Karaikal on 21.06.2021.





Faculty participated in different events

Dr. R. Balaji, Assistant Professor, Centre for Yogic Sciences of AVMC & H participated in the quiz competition organized by Ministry of AYUSH in view of International Yoga Day 2021.

Dr. R. Balaji & Mr. S. Artchoudane, Asst. Professor's of Centre for Yogic Sciences of AVMC & H participated in the International webinar "Enhancing Salutogenesis through Yoga Therapy" organized by CYTER of Sri Balaji Vidyapeedh University in View of International Yoga Day celebration from 14–21 June, 2021.

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CAMPUS LIFE IN AVMC











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