

VOICE OF

EDITION 1

SAHS

THE MAGAZINE

FIRST
EDUCATIONAL
INSTITUTION
TO RECEIVE ISO
21001:2018

**"SIGARAM 2023-
OVERALL
EXCELLENCE IN
HIGHER
EDUCATION "**

-NEWS 18 Tamilnadu



MAGAZINE

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DEAN'S MESSAGE

Greetings to All

With the heavenly blessings of Founder Chancellor Dr A Shanmugasundaram and with the benevolence of Madam Founder Chancellor Mrs Annapoorani Shanmugasundaram, we are in the 21st Year.



Its with great pleasure and Pride that I present our first edition of Magazine to you Our main goals are to share information regarding activities of School of Allied Health Sciences, VMRF-DU among all its stakeholders and the general public. We intend to circulate this Magazine as a quarterly publication.

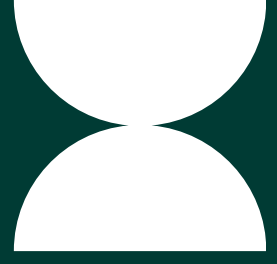
Our biggest strength remains the trust of the public especially the student community to whom we serve. This trust will fortify our commitment to provide quality and wholesome educational experiences, I extend my heartfelt thanks to our Honourable chancellor Dr.A.S.Ganesan, Dr.Anuradha Ganesan Director, VMRF-DU for their continued guidance and support extended to us throughout these 20 challenging years. The management team has always been extreme helpful and encouraging. On behalf of SAHS I also thank all our industrial partners for their valued contribution which strengthen our collaboration. My deep appreciation to all the faculty for their dedication, loyalty and support.

My dear Students and Faculty, I kindly invite all of you to join Lands with us to move towards sustained success through all our endeavour. I look forward to being the Best Institute for Allied Health Sciences with the team work of all at SAHS under the ambit of VMRF-DU.

**"தெரிந்த இனத்தொடு தேர்ந்தெண்ணிச் செய்வார்க்கு
அரும்பொருள் யாதொன்றும் இல்"**

There is nothing too difficult to be attained by those who, before they act, reflect well themselves, and thoroughly consider the matter with ch experts.

-DEAN



**"Education is the
most powerful
weapon which you
can use to change
the world."
— Nelson Mandela
here.**

Editor's Note



Ms. TAMIL CHUDAR
Chief Editor



Mr. MUTHAMIL SELVAN
Editor



Ms. AYISHA
Editor

Dear SAHS Community,

Welcome to the latest edition of our college magazine, a vibrant showcase of the diverse talents, intellect, and creativity that define our campus. Within these pages, you'll find articles celebrating the profound impact of our academic programs, spotlighting student achievements, and illuminating innovative research within our halls. Beyond academia, we've dedicated space to the arts, sports, and various extracurricular activities that make our college experience truly exceptional.

This edition is a testament to the dedication of our contributors—students, faculty, and staff alike—who've poured their creativity into every word and image. I invite you to dive into these pages, explore the narratives, and take pride in being part of our incredible community. Your support and readership make this magazine possible, sparking conversations, igniting ideas, and fostering unity. Thank you for being a vital part of the SAHS story, shaping our narrative and embracing the endless possibilities ahead.

Editorial Board



DR. KIRUTHIKA N
Assistant Professor



Mrs. RANJITHA
Assistant Professor



Ms. THAMINI
Lecturer



Mr . RAMPRASAD
Assistant Professor



Mr.SURENDER
Lecturer

CO-CURRICULAR EVENTS

WORLD ANAESTHESIA DAY

The Department of Anaesthesia and Operation Theatre Technology observed the 177th World Anaesthesia Day celebrated on 10th of October 2023. Students presented the college with a campus miniature and a Cancer Awareness Board in addition to performing a range of cultural events.



WORLD ANATOMY DAY

World Anatomy Day by the Department of Anatomy at SAHS! 🌍
🎉 On the memorable date of October 16, 2023, the department organized an enriching guest lecture program. The day was filled with diverse cultural events and exciting competitions such as face painting, model making, quizzes, and connections with regard to anatomy.



WORLD HEART DAY

Department of Cardiac & Perfusion technology Celebrated World Heart Day 2023 on 27th of September, around 500+ students formed a human chain, passing heart-shaped balloons to set a Noble World Record. The theme was "Use Heart, Know Heart." It's not just an event; it's a joint effort for heart health. This achievement shows our commitment to health and unity.



NATIONAL PHYSICIAN ASSISTANT DAY

SAHS's Physician Assistant Department marked the 56th National Physician Assistant Day with flair on October 6th! 🎉 A workshop on suturing types and surgical knots, benefiting 230+ students, stole the show. Adding a touch of significance, a White Coat Ceremony made the day even more memorable. These moments aren't just events; they're stepping stones in our academic journey.



WORLD SIGHT DAY

The Department of Optometry at SAHS made World Sight Day count on oct 19th ! They organized free eye screenings and health check-ups. Across Salem, Chennai, and Pondicherry, they set a world record with activities like awareness rallies, eye donation drives, and more. They reached a whopping 20,208 people! 🌐👁️



WORLD BREAST CANCER DAY



SAHS's RIT, RT, & NMT Department rocked World Breast Cancer Awareness Month on 7th of october! They organized an Awareness Rally, a signature campaign at Government Arts College in Salem, and a Pink sports event (KABADI) at Armed Reserve Ground and with the presences of **Mr . Arun kablian, IPS, Superintendent of police,Salem as the chief guest.** 🎀💪 These efforts speak volumes about raising awareness for breast cancer.

HONOUR'S



Our College Achievement's

In the heart of Salem, SAHS - VMRF-DU shines bright like a diamond, earning a prestigious Diamond Band ranking across India by world institutional ranking and received certificate of outstanding service. This recognition is a testament to the institution's unwavering dedication to cultivating a haven of mental health and well-being for its students, faculty, and staff.

R
World Institutional
RANKING

MHW RANKING
2023

Certificate of Outstanding Service

IN PURSUIT OF EXCELLENCE TOWARDS BEING A TOP INSTITUTION FOR CAMPUS LIFE, THIS CERTIFICATE IS PRESENTED TO

School of Allied Health Sciences, VMRF-DU

Ranked in Diamond Band

Across India for excellence in up-keeping well-being of faculty, staff and students

Executive President



wiranking.com

IDA Awards education 2023

SAHS VMRF-DU, shining bright with an award at the enchanting IDA Awards 2023 for distinctive citation! 🏆🌟 Bestowed by the India Didactics Association, the wizards of education and skills, this accolade honors SAHS for their remarkable efforts in enhancing the world of learning and teaching.



OUTSTANDING "PERFORMANCE"

SAHS, a radiant gem crowned as the District ECO-SDG Champion 2023 with a dazzling Grade 'S' in the enchanting land of Salem, Tamil Nadu! 🌍🏆. As this serves as facilitator for implementing sustainable development in Higher education Institutions, Industries, Corporates, and enterprises. A earning allocated from APEX SDG. It is noteworthy that APEX SDG is duly registered under the Ministry of Micro, Small and Medium Enterprises. (MSME)



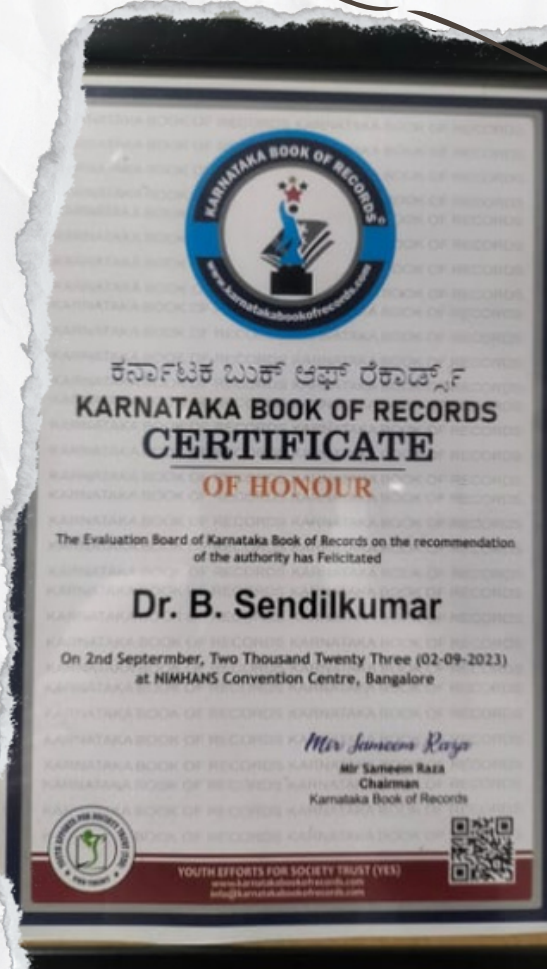
TOP ACADEMICIAN

Prof. Dr. B. Sendilkumar is selected as one of the top academician in country for his contribution towards higher education . Innovative teaching and learning and infrastructure development. This award was given by Btalks.



BEST PRINCIPAL AWARD

Prof Dr. B. Sendilkumar. received a honour for best principal by the karnataka book of records. 🌟🏆.



EXCELLENCE IN INNOVATIONS

Prof. Dr. B. Sendilkumar, the visionary Dean of SAHS VMRF-DU, Salem! 🌟🏆 In a moment of brilliance, he was honored with the "Excellence in Innovative Learning and Teaching Practices 2023" award by LinkedIn at the New Normal Educational Leadership Summit and Awards in Bengaluru on the 22nd of September, with the jury of ARDOCOMM MEDIA.



Explore Our informative bites

BASKA BALUM MASK (BM)

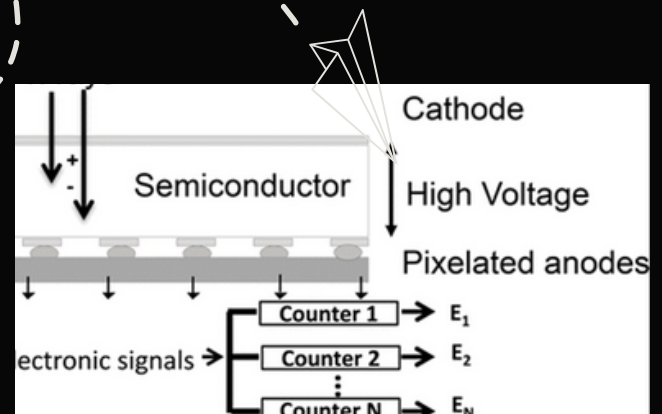
The Baska Balum Mask (BM), a third-generation supraglottic airway device, is compared to the Proseal Laryngeal Mask Airway (PLMA) in patients undergoing elective procedures in this study. The study compares the performance of BM and PLMA by measuring insertion time, ease, and oropharyngeal seal pressure.

Understanding the efficacy and safety of these devices is critical for positive pressure breathing and reducing aspiration.



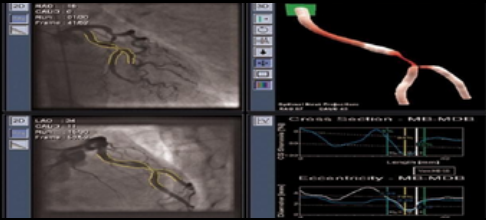
PHOTON COUNTING DETECTOR CT

In clinical radiology, photon counting detector CT is gaining attention for its ability to reduce radiation dose while improving image quality. PCD-CT systems demonstrate several advantages like reduced noise, improved spatial resolution and low radiation dose. The technique converts x-rays into electrical signal, facilitating small detector pixel signals without losing dose efficiency, thus improving patient care.





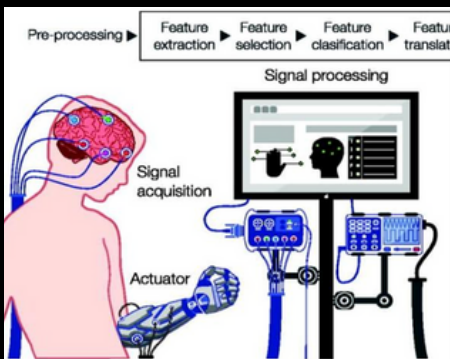
3D ROTATIONAL ANGIOGRAPHY



Pulmonary valve implantation has been extended to a broader patient Population with dysfunctional 'native' right ventricular outflow tracts and Spurred the development of novel techniques and devices to solve associated Anatomic challenges.



STATE OF THE ART TECHNOLOGY AND APPLICATION OF EEG BASED BRAIN COMPUTER INTERFACE



The architecture of an EEG-based brain -computer interface.

The schematic depicts the main stages involved in eBCI operation.

Non-invasive EEG sensor are used for the acquisition of electrical signals generated by neurons in the cerebral cortex.

EEG signals are either acquired from the spontaneous endogenous activity of the brain or evoked by exogenous stimuli.

Raw signals are processed , and features are then extracted, selected ,classified, and translated to decode user intent.

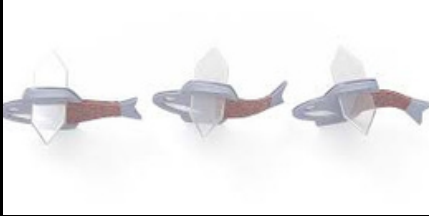
Digital commands are then used to drive different output actuator devices such as prostheses exoskeleton vehicles or assistive software.



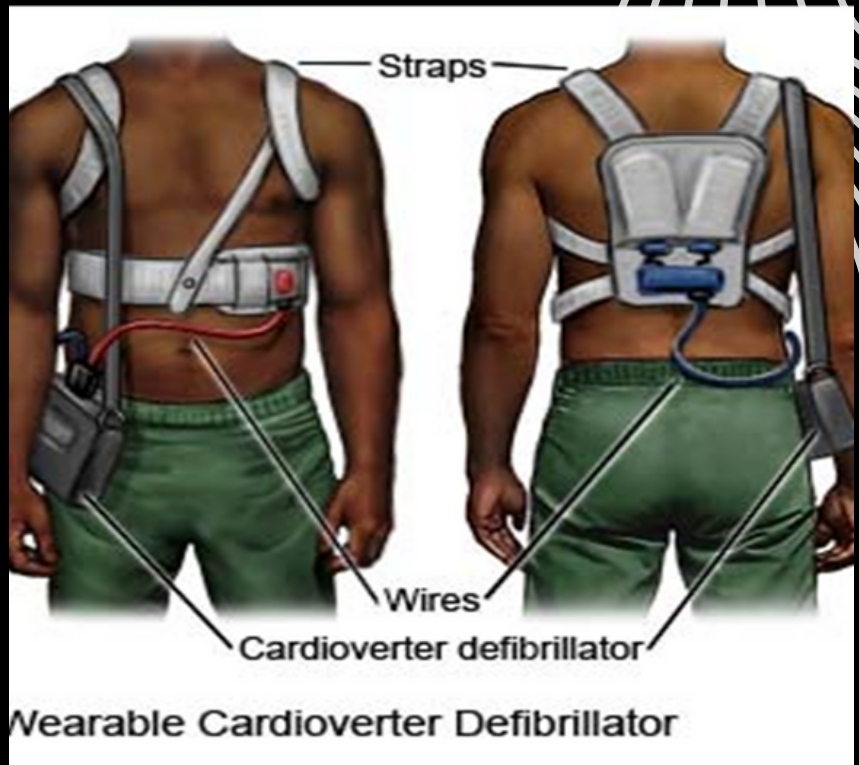
POINT-OF-CARE TESTING (POCT)

Point-of-care testing is a game-changer in medical lab technology as it brings diagnostic testing closer to the patient's bedside or even at home. POCT devices are small, portable, and user-friendly, allowing healthcare professionals to obtain test results in real-time without the need for a central laboratory. POCT has significantly improved patient care by reducing the turnaround time for test results. POCT has also expanded access to diagnostic testing in remote or resource-limited areas, making healthcare more accessible and affordable for all.

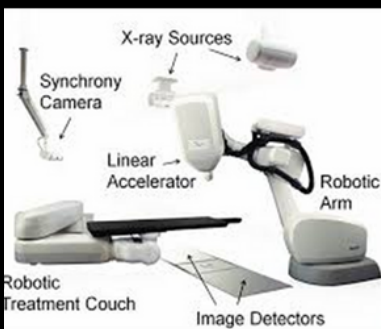
➔ BIO-HYBRID FISH



Bio-hybrid fish typically refer to genetically engineered or modified fish that incorporate biological and synthetic elements. These can include traits like enhanced resistance to diseases, improved growth rates, or even the ability to detect environmental changes. Researchers explore bio-hybrid approaches for various purposes, including environmental monitoring and sustainable aquaculture.



➔ THE CYBERKNIFE



The CyberKnife — one of the most advanced forms of radiosurgery — is a painless, non-invasive treatment that delivers high doses of precisely targeted radiation to destroy tumors or lesions within the body. It uses a robotic arm to deliver highly focused beams of radiation.

The flexibility of the robotic arm makes treatment possible to areas of the body, such as the spine and spinal cord, that can't be treated by other radiosurgery techniques.

WEARABLE CARDIOVERTER DEFIBRILLATOR SYSTEM KIT

The Wearable Cardioverter Defibrillator System continuously monitors and automatically detects abnormal heart rhythm caused by the heart's pumping chambers (ventricular arrhythmia). If necessary, it may deliver an electric "shock" from the defibrillator to restore the heart's normal rhythm (defibrillation). The system is worn outside the body (external) and works without additional action from the patient or from bystanders.

The system monitors the patient's heart rate for dangerous heart rhythms and the system automatically detects a fast, ineffective heart beat (ventricular fibrillation), the needed defibrillation shock is delivered within 40 seconds. If the system detects the lower chambers of the heart (ventricles) are beating too quickly (ventricular tachycardia), a shock is delivered within 80 seconds. Before the system delivers a shock, the patient will receive an alert. A patient who is awake (conscious) can divert the shock by pressing an alert button if needed.



National Nutrition Month

SAHS turned into a vibrant hub of celebration during National Nutrition Month, Poshan Maah 2023 on 2nd of September! 🌱 Our students, along with the NSS, SAHS Youth Club, and the Integrated Child Development Services (ICDS) scheme in Veerapandi Block, Salem District, welcomed the esteemed Chief Guest, Mrs. Kavitha, Integrated Child Development Officer. Under the theme "Suposhit Bharat, Saksham Bharat, Sashakt Bharat" (Nutrition-Rich India, Educated India, and Empowered India), the event radiated a spirit of holistic well-being. It's more than just a celebration; it's a symphony of health, education, and empowerment.

National Nutrition Month becomes a canvas for promoting the beauty of a healthy lifestyle and nutritious choices. Hats off to everyone involved in creating this beautiful tapestry!

EXTRA CURRICULAR ACTIVITIES

World Allied Health Professionals Day

SAHS students crafted a special logo for "World Allied Health Professionals Day" on 14th October. Around 600 students joined in, adding their touch to symbols representing various Allied Health Sciences Professions. It's a beautiful way to show unity and celebrate the diversity in healthcare.



ONE STUDENT ONE TREE



To celebrate NSS Day, they kicked off the "One Student One Tree" Campaign, handing out tree saplings to fellow volunteers. This fits right in with the college's big goal of planting 20,000 trees, led by the NSS unit and EVS club on 24th september. Saplings found new homes across the SAHS campus and different spots in Salem District. It's more than just planting; it's a step towards a greener and more responsible future.

WORLD LITERACY DAY

SAHS students, led by NSS and SAHS Youth Club, came together to celebrate World Literacy Day 2023 on 11th of september in a meaningful way. 🌍📖 They organized an awareness lecture program focusing on the crucial topic of promoting literacy for a world in transition, aiming to build the foundation for sustainable and peaceful societies.



INDEPENDENCE DAY



On August 15, 2023, we celebrated the 77th Independence Day at SAHS College with a special theme, "My Soil, My Country - Meri Mati Mera Desh." To honor this, our NSS volunteers went to our adopted village, Chinnaseeragapadi, Salem, and planted 77 saplings. It's a small step, but it shows our commitment to taking care of our land. Let's cherish this memory as a pledge to keep our country green and beautiful.



AIDS AWARENESS

On August 23, 2023, our college held an awareness program in partnership with the Tamil Nadu Aids Control Society (TANSACS). The event kicked off with a Marathon Run Competition named RRC-23.08.2023 as part of the Youth's Festival.

Mrs. T. Anandhi, Assistant Commissioner of Kondalampatti, inaugurated the program, making the day special. The Marathon wasn't just about running; it symbolized our collective commitment to a healthier community.

It was a simple yet impactful day, where the spirit of unity and community echoed through each step taken. In the memory book of college events, this day stands out as a beautiful chapter of health awareness and youth engagement.

CELEBRATIONS



VINAYAKA CHATURTHI CELEBRATION

Ganesh Chaturthi, also called Vinayaka Chaturthi, in Hinduism, 10-day festival marking the birth of the elephant-headed deity Ganesha, the god of prosperity and wisdom. As part of this celebration, the EVS Club students prepared eco-friendly Ganesh idols for the Pooja and also With the goal of creating awareness, the seed Vinayagar idols were given to all teaching & non teaching faculties.



TEACHERS' DAY CELEBRATION



Teachers' Day in India is celebrated every year on September 5 to mark the birth anniversary of Dr. Sarvepalli Radhakrishnan. He was a former President of India, scholar, philosopher and Bharat Ratna recipient.

Students orchestrated a surprise treasure hunt, guiding teachers through a journey of anticipation. Personalized quotes and exquisite cakes expressed profound gratitude, culminating in a beautiful exchange of carefully chosen gifts, creating an unforgettable celebration of admiration and love.



ONAM CELEBRATION

The Onam celebrates the homecoming of the Asura King Mahabali from the Patal Lok. People in the southern state of Kerala are celebrating Onam to mark the harvest season and the end of the monsoon. Fine Arts Club Organized Onam celebration at SAHS, Salem. Students from various department has participated in Cultural events.

STUDENTS REFLECTION



"Hello, I'm currently pursuing B.Sc. in Anaesthesia Technology at the School of Allied Health Sciences. I wanted to express my appreciation for the incredible experience I'm having here. The faculty's dedication is noteworthy; they not only teach with precision, Smartclasses for effective learning, but also create a warm and supportive atmosphere. Beyond academics, the emphasis on extracurricular activities like dance, singing, and sports adds a vibrant dimension to our education. I'm delighted to share that I've been selected for the State-level Chess Competition, a testament to both my passion and the encouraging environment provided by the college."

-Arivind Elumalai

"I am currently pursuing B. Optometry at SAHS, VMRF-DU Salem. I enjoy talking about my blissful college moments. Conferences are key in college life, helping us expand knowledge and connect with professionals. We attended international conferences like V-Opto 2020, Optometry association of TamilNadu nanbargal, and ACSN, receiving valuable assistance. Our talents are recognized, and we are included in inspiring activities. It's a place where everyone has a great time, fulfills dreams, and creates priceless memories."

-Barani sri



ALUMNI REFLECTION



"I am writing to express my deepest gratitude as I reflect on my educational journey at your esteemed institution. As a proud alumnus to completed both my BSc in Radiography and MSc in Radiology and Imaging Technology at School of Allied Health Sciences, Vinayaka Missions Research Foundation, I feel compelled to, convey my appreciation for the transformative experiences and valuable knowledge. I gained during my time with you.

The School of Allied Health Sciences has proven to be a nurturing ground for learning, innovation, and personal growth. The well-designed curriculum, state-of-the-art facilities, and the dedication of the faculty have played pivotal roles in equipping me with the skills and knowledge necessary for a successful career in Radiology."

- Mr.Dinesh S,
M.Sc. Radiology,
Alumni of SAHS.

"Being a proud alumni of SAHS, hereby I am sharing my experience of four years in SAHS. Over the four years, so many doors were opened for our personal and academic development that I became confident. The college aims at enhancing our knowledge, skills and abilities. These are the best years concerning learning, experience and gaining exposure to fields relevant to my discipline, all due to my faculty member. But throughout the journey I have learned a lot. It have provided me with some great opportunities which helped me improve myself in every aspect as a student, as a senior, as a friend, as a sportsperson, as a leader and most importantly as a healthcare professional. At last, thanks to the college and Training & Placement Department for their continuous efforts in getting me placed in my dream job. In all I had a great learning experience and have learnt some very important lessons in life which will help me to grow in future as well."

- Mr.Santhosh Sankar. M,
Physician assistant,
Alumni of SAHS



FACULTY STAR OF THE MONTH



His exceptional dedication and unwavering support have played a crucial role in the outstanding success of our students in recent sports activities. Under Mr. Kumaran's guidance, our students showcased remarkable achievements across various sports disciplines. The women's kabaddi team, led by his coaching, secured a commendable 3rd place, displaying skill, and strategy on the field. In the realm of chess, our students emerged as winners in both men's and women's categories, effective coaching by Mr. Kumaran nurtures intellectual agility, strategic thinking, and a winning mindset. The women's volleyball match witnessed a stellar performance from our team, ultimately claiming victory. Mr. Kumaran's expertise in training and motivating the players has undoubtedly contributed to this success, fostering a spirit of teamwork and excellence. This award is a well-deserved recognition of Mr. Kumaran's commitment to the holistic development of our students through sports. His leadership, coaching skills, and ability to inspire athletes have not only resulted in victories but have also instilled valuable life skills in our students. We extend our heartfelt congratulations to Mr. Kumaran on being the Star of the Month. His dedication exemplifies the spirit of excellence and mentorship that we strive for in our institution. We look forward to continued success under his guidance and commend his efforts in shaping our students into accomplished athletes and well-rounded individuals.

Artist of the Month

faculty star of the month



We are delighted to announce that the "Star of the Month" award goes to Dr. Dhanasekar, our esteemed Microbiologist, for his outstanding contributions to various external activities, particularly in the National Service Scheme (NSS), alongside his academic responsibilities.

His active involvement in numerous external activities within the NSS reflects his deep commitment to community service and social responsibility. His dedication to making a positive impact beyond the academic realm is truly commendable.

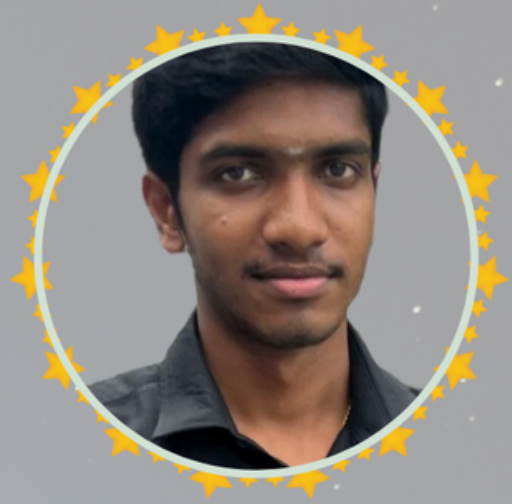
In addition to his role as a microbiologist, he has demonstrated exceptional leadership and community engagement through his participation in NSS initiatives. His efforts have not only enhanced the profile of our institution but have also contributed significantly to the betterment of the community.

Dr. Dhanasekar serves as an inspiration to both students and faculty, showcasing the importance of actively participating in community service and social causes. His ability to balance academic duties with external activities exemplifies the values of well-roundedness and social consciousness that we aim to instill in our academic community.

We look forward to witnessing further positive impacts and community initiatives led by Dr. Dhanasekar. His dedication to both academic excellence and social responsibility truly embodies the spirit of the "Star of the Month" award.

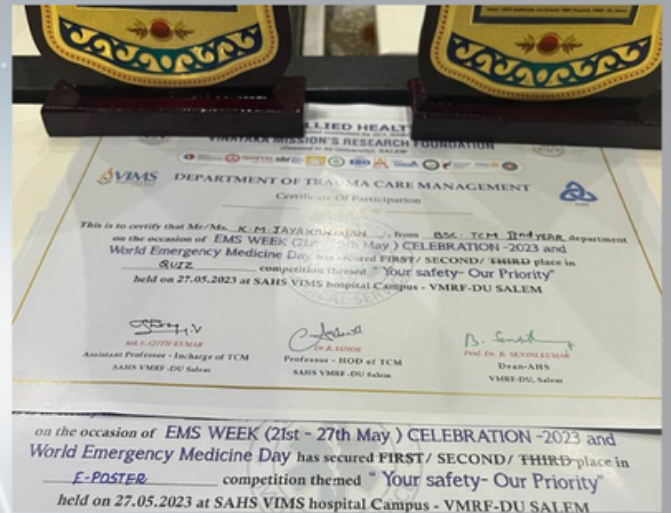


STAR OF MONTH



It is with great pleasure that we announce Mr. Jayakanth as the "Star of the Month" for his exceptional achievements in academics and noteworthy contributions to extracurricular activities. Mr. Jayakanth, a dedicated 3rd-year student in Trauma Care Medicine, has demonstrated exemplary commitment and excellence in both his studies and beyond.

Academic Excellence: Mr. Jayakanth's commitment to academic excellence is evident through his outstanding performance in Trauma Care Medicine. His diligence, hard work, and intellectual curiosity have consistently set him apart, making him a role model for his peers. His pursuit of knowledge and dedication to academic success reflect the values we uphold in our institution.



Extracurricular Contributions: Beyond his academic pursuits, Mr. Jayakanth has actively engaged in a variety of extracurricular activities, showcasing a well-rounded approach to personal and professional development. His involvement in these activities reflects his leadership skills, teamwork, and commitment to the holistic growth of the student community. We extend our heartfelt congratulations to Mr. Jayakanth and express our gratitude for his dedication and contributions to both academic and extracurricular spheres. His achievements inspire and motivate others, embodying the spirit of excellence we aim to foster in our students. We look forward to witnessing further successes and continued positive contributions from Mr. Jayakanth in the future.



NATCONPH 2023 INTERNATIONAL CONFERENCE 2023



Our faculty Ms. soundarya , Assistant professor and Ms Tamil chudar , Professor presented a paper in the internatinal conference "NAPTCONP" on the topic . The futuristic trends of contact lens in Glaucoma _ Diagnostic and therapeutics.

SOCIETY FOR EMERGENCY MEDICINE INDIA 25 YEARS OF SPECTACULAR EVOLUTION OF EMERGENCY MEDICINE

Our facutly Mr. V. Ajith kumar from the Emergency department is first to give faculty lecture in the nation conference at 26 October in Hyderabad in SEMI,S CONFERENCE OF EMERGENCY MEDICINE. Most of the death occur due to poor decision and inappropriate intervention. The goals of this treatment strategy are rapid restoring of intravascular volume and vital organ perfusion.Improve tissue perfusion and oxygenation to maintain organ function The topic was about fluid transfusion for all emergency life threatening situation. How t select fluid and how much fluid transfusion to give in emergency situation.



**SOCIETY FOR EMERGENCY
MEDICINE INDIA
25 YEARS OF SPECTACULAR
EVOLUTION OF EMERGENCY
MEDICINE**

**DEPARTMENT OF
TRAUMA CARE
MANAGEMENT**



Our students of SAHS from the department of Trauma care and management have participated in the QUIZ competition conducted by SOCIETY FOR EMERGENCY MEDICINE INDIA .

Around 25 colleges participated among them our students won second prize.

This event was held in HYDERABAD at ICC.

