



INTERNATIONAL CONFERENCE ON FUTURE TRENDS IN SCIENCE, TECHNOLOGY, ENGINEERING AND MEDICINE

26 TO 27-APR-2024

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FUTURE TRENDS 2024



VIRTUAL
STEM CONFERENCE

ABOUT FUTURE TRENDS 2024

It's a Right Time to choose the Right Way of Success, Aim of This Future Trends 2024 International Scientific Stem Conferences, is to provide the Platform for Researchers across the world to recognize their Achievements, and also its provides a forum to the appropriate target group by organizing Planned Annual Meetings with the aim of generating new knowledge and better understanding. Our world is undergoing a revolutionary period in the creation and dissemination of new knowledge and innovation in many disciplines. Simultaneously humans are on a journey to the achievement of self-actualization, which relates to the ultimate fulfilment of one's potential. The unprecedented levels of discovery and innovation that are the hallmarks of recent decades are giving birth to entirely new meetings, which are in turn stimulating further advances, new opportunities, fresh insights and serve as a 'Continuing Force for Progress'. To improve the common man's life by developing new innovative Medical and Engineering ideas, Technical tools or models or products of their need. These new ideas and knowledge may be disseminated to the common man by organizing conferences, workshop, seminars and/or awareness programs and by publishing high quality academic international Books, or Journals, or Magazines or Tracts/Pamphlets on any subjects/topics, which is related to the overall growth/improvement/uplift of all sections of society.



DEAR ATTENDEES

We are glad to announce the International Conference On Future Trends in Science, Technology, Engineering and Medicine to be held on 26 to 27-Apr-2024 organized by VDGGOOD and its editorial Board Members. This conference is a unique international platform that's a confluence of all stake holders of the ecosystem – Industry, Academia, Researchers, Innovators, Regulators – gather to present and discuss about the above said areas. As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts.

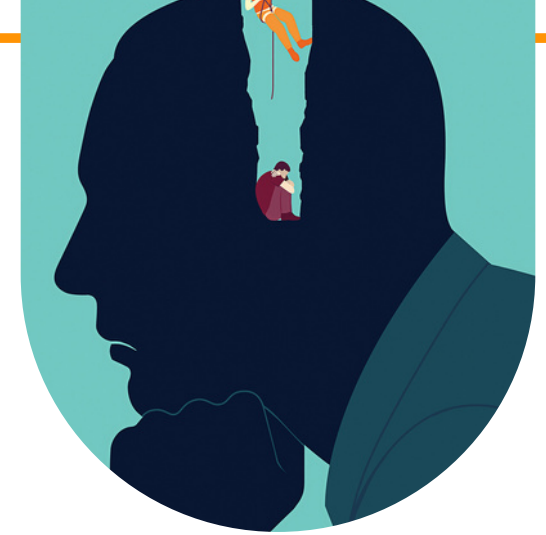
CALL FOR PRESENTATION

Abstract/ Paper for presentation in the conference are invited from Practitioners, Research Scholars and P.G. & U.G. Students, etc.

Authors are requested to send Abstract/ Title to e-mail: stemconference2024@gmail.com

WEBSITE LINK:

https://www.brainymet.com/conference_details/international-conference-on-future-trends-in-science-technology-engineering-and-medicine-stem



STEM

This Brainy Meet belongs to the people of STEM (Science, Technology, Engineering and Medicine, Arts and Math or Management) graduates and the potential drive about their career sustainability.

Future Trends 2024

WHY DO I NEED TO ATTEND FUTURE TRENDS 2024?

- Virtual Event - it's the safest way to keep closer to the other scientists.
- Hard copy of Presentation/ Participation Certificate will reach at your doorstep.
- Presenters will get 1 year individual membership (All virtual conferences, you can attend freely for the 1 year)
- Best Presentation and Best Paper will be chosen by the Session chair after the Conference.
- Participant's Profile can be nominated for Research Awards in this Conference

WHO CAN ATTEND?

- Researchers and Scientists
- Industry Professionals
- Academicians and Educators
- Students and Young Researchers
- Industry Innovators and Startups
- Government and Policy Makers
- Faculties, etc.



OBJECTIVE

The Objective of the conference is to provide platform for academicians, researchers and practitioners to:

- Disseminate research, providing insights into the challenges and opportunities, emerging strategies and analytical tools in the domain under the research field
- Share innovative ideas on domain so as to navigate and develop successful new innovation Present case studies from applications of cutting-edge tools and technologies

Future Trends 2024

CONFERENCE TOPICS

The conference invites papers around the following tracks (but not limited to):

Track 1: Science, Technology, Engineering & Mathematics

- Engineering Disciplines (Civil, Electrical, Computer Science, etc.)
- Green & Renewable Energy
- Design & Technology
- Image Processing & Remote Sensing in Geography
- Information and Communication Technologies
- Artificial Intelligence & Robotics
- Innovations in Mathematics & Statistics
- Climate Change & Environmental Issues
- Agriculture, Forestry & Food Science

Note: Related all topics of STEM will be included.



Track 2: Medicine

All the Disciplines in Medicine:

- Herbal and Traditional Medicine
- Fetal and Maternal Medicine
- Regenerative Medicine
- Emergency & Critical Care Medicine
- Internal Medicine and Primary Care
- Preventive Medicine & Public Health
- Precision and Personalized Medicine
- Restorative & Alternative Medicine
- Sports Medicine and Fitness
- Medicine and Pediatrics
- Ayurvedic Medicine
- Angiology/Vascular Medicine
- Medical Innovations
- Medicinal chemistry and pharmaceutical sciences
- Cancer care medicine
- Nursing and Health care medicine
- Pneumology/Respiratory medicine, etc.

Track 3: Arts, Humanities & Social Sciences

- Sociology, Psychology
- Political Science
- History

AWARD NOMINATION CATEGORIES

Participant's Profile can be nominated for any one of the following Research Awards in their specific field,

- Best Oral/ Poster Presentation Award
- Best Paper Award
- Best Speaker Award
- Research Excellence Award
- Young Scientist Award
- Best Researcher Award
- Young Achiever Award
- Innovative Researcher Award
- Young Professional Award
- Best Practitioner Award
- Best Pioneer Award
- Best Faculty Award
- Women Researcher Award
- Outstanding Researcher Award
- Faculty Excellence Award
- Budding Researcher Award
- Engineering Excellence Award
- Young Researcher Award
- Young Technologist Award
- Best Project Award
- Science Glory Award
- Best Academician Award and more.

REGISTRATION FEE DETAILS

(80 G Applicable)

Participant	Category	Annual Year		2 Year		5 Year	
		Indians (INR)	Others (USD)	Indians (INR)	Others (USD)	Indians (INR)	Others (USD)
	Student	1000	70 \$	2000	100 \$	4000	270 \$
	Ph.D Scholar	1500	100 \$	2800	180 \$	5400	350 \$
	Delegate	2200	160 \$	4600	270 \$	7200	450 \$
	Listener	800	50 \$	-Nil-	-Nil-	-Nil-	-Nil-
	Group Registration	20 % Relaxation Applicable					

Note: Include 18% GST while Registering

BENEFITS OF THE MEMBERSHIP



- Members can become Chief guest / Keynote speaker/ Session Chair/ Co host & Co-organizer of the Events
- Members can attend all the virtual conferences at free of cost until the membership gets over
- Members can attend 2 Physical conferences at free of charge
- Members profile will be nominated for Researcher Award,
- Members can conduct conference in their Institute and conference certificates will be provided from our organization
- Member can become a reviewer/ Chief Editor of the Journal
- Members can publish their Review / Research in International Journals
- Hard Copy of the participation and Award winning certificates will be sent by post to the residential Address
- 80 G will be applicable

REGISTRATION DETAILS

Register: <https://razorpay.me/@vdgood>

(Or)

Wallet Payment: brainyconference@oksbi

IMPORTANT DATES

- Registration Opens on 16-Apr-2024
- Registration Closes on 23-Apr-2024
- Date of Conference: 26 & 27-Apr-2024

OUR SPEAKERS



Prof. G.S. Tomar
President,
Vishwa Ayurveda Mission, India.



Dr. Narasimha Golla
Associate Professor,
Department of Virology,
Sri Venkateswara University,
Tirupati, India.



Dr. Anuradha Atul Jape
Assistant Professor,
Department of Microbiology, Bharati
Vidyapeeth Deemed To Be University,
Pune, India.



Ts. Dr. Aslina Baharum
Associate Professor,
School of Engineering and Technology,
Sunway University,
Selangor, Malaysia.



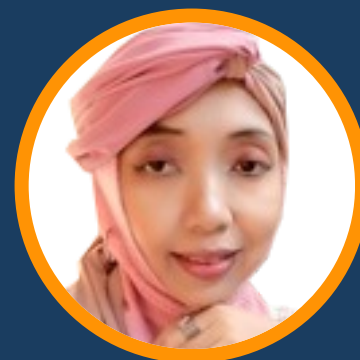
Dr. Nour Shafik El-Gendy
Professor of Nano-Biotechnology,
Egyptian Petroleum Research
Institute, Egypt.



Prof. Rajesh Kumar
Director of Physical Education,
Osmania University, Hyderabad,
India.



Dr. Sonopant Joshi
Professor & HOD, Department of
Community Health Nursing,
Symbiosis College of Nursing,
Maharashtra, India.



Dr. Rosa Lelyana
Medical Doctor,
Senior Lecturer and Researcher in
Medicine Faculty,
Diponegoro University,
Indonesia.

GLIMPSES OF PREVIOUS CONFERENCE

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Recording View Options...

Areas of physiotherapy

- 1 Paediatrics**
 Physical therapists in this field work with a range of children, from newborns to teenagers.
- 2 Sports**
 Athletes who have sustained an injury may be very familiar with this physical therapy specialty.
- 3 Women's health**
 Physical therapists can specialize in women's health, which refers to both specific conditions women face as well as the treatment of women at different stages of their life.
- 4 Geriatrics**
 Physical therapists in this area work with elderly patients to minimize pain from arthritis, osteoporosis and general joint stiffness and soreness.
- 5 Clinical electrophysiology**
 Clinical electrophysiology encompasses two distinct forms of treatment: electrotherapy (EMG) and wound management.
- 6 Cardiovascular and pulmonary**
 This therapists in this specialty provide cardiac rehabilitation for patients who have suffered heart attacks, have heart disease or cardiac health.
- 7 Neurology**
 Neurological physical therapists work to treat conditions of the nervous and spinal systems.
- 8 Orthopedics**
 It involves treating conditions of the bones, muscles, ligaments, tendons and joints..

Unmute Stop Video Security Participants Chat Screen Share Screen Share Recording Screen Capture Reaction App Microphone

Aisha
USER
Nivetha
HP
Monica Devi NR
Monica Devi NR

Many psychologists have recently developed overlapping interests in topics like life satisfaction, happiness, subjective well-being, psychological well-being, and quality of life. The concentrated efforts in these fields contributed to the development of positive psychology. Dispositional optimism is the capacity to see the good in everything and to uphold total psychological well-being. They are surrounded by a wide range of challenges, including both personal problems and those resulting from the intense rivalry that is currently taking place, which are weakening them both physically and psychologically.

Psychological well-being is commonly defined as a mix of pleasant affective emotions such as happiness (the hedonic perspective) and good function in individual and social life (the eudemonics perspective)

The slide features a central circular diagram with 'Blue Growth' in the center. Surrounding it are 15 circular icons representing different sectors: Agriculture, Biotech, Chemicals, Construction, Culture and Creative Industries, Energy, Environment, Food and Fisheries, Health, Information and Communication, Manufacturing, Materials, Maritime, Mining, and Tourism. Above the circle is the text 'Water, Energy & Environment' in a rainbow gradient. To the left is a large blue teardrop shape labeled 'BLUE ECONOMY' containing 12 smaller circular icons representing various economic activities. At the top of the slide, a navigation bar shows 'Home' and 'Recording...'. At the bottom, a status bar indicates 'Near 30 Guests in Lobbying...'.

INDIVIDUAL PERCEPTION

MODIFYING ACTION

LIKELIHOOD ACTION

Perceived susceptibility: Skin to Skin contact can be done only by mother

Perceived seriousness: KFC may not be possible.

Demographic variable: Socio psychological variables include age, education, occupation

Socio psychological variables: In this study it includes, family monthly income, place of residence, religion, type of family, marital status and source of information on KFC

Perceived threat of disease: KFC may lead to maternal detachment & low confidence to father in terms of baby care

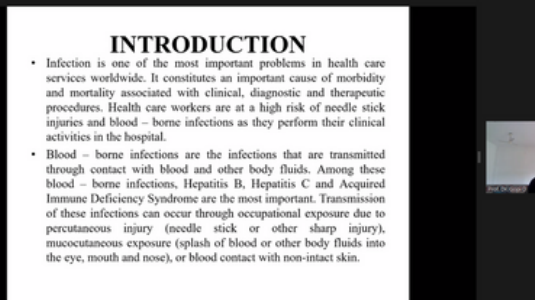
Perceived benefits: • Increased father child attachment • Stable paternal and neonatal vital signs

Perceived Barriers: • Shyness in providing KFC • Difficulty in visiting hours • Difficulty in handling the baby

Likelihood of taking recommended preventive health action: New fathers in experimental group demonstrated SSC and they ensured that they will practice the same at home. New fathers in the control group were given demonstration with pamphlets at the end of the data collection and they will practice the same at home

FIGURE-1: CONCEPTUAL FRAMEWORK FOR USING ROSENSTOCK'S HEALTH BELIEF MODEL

Cues to action: • Demonstration on KFC • Distribution of pamphlets on KFC



The screenshot shows a Zoom meeting interface. At the top, there is a navigation bar with icons for Home, Recent, and a search bar. Below this, a toolbar contains icons for various functions like chat, mute, video, and screen sharing. The main area displays a presentation slide with the title "INTRODUCTION" in large, bold, black letters. The slide content consists of two bullet points:

- Infection is one of the most important problems in health care services worldwide. It constitutes an important cause of morbidity and mortality associated with clinical, diagnostic and therapeutic procedures. Health care workers are at a high risk of needle stick injuries and blood – borne infections as they perform their clinical activities in the hospital.
- Blood – borne infections are the infections that are transmitted through contact with blood and other body fluids. Among these blood – borne infections, Hepatitis B, Hepatitis C and Acquired Immune Deficiency Syndrome are the most important. Transmission of these infections can occur through occupational exposure due to percutaneous injury (needle stick or other sharp injury), mucocutaneous exposure (splash of blood or other body fluids into the eye, mouth and nose), or blood contact with non-intact skin.

 On the right side of the screen, there is a small video window showing a man with dark hair and a beard, wearing a blue shirt, who appears to be the presenter. The bottom of the screen shows the Windows taskbar with various application icons and the system clock displaying 10:00 AM on 11/11/2020.

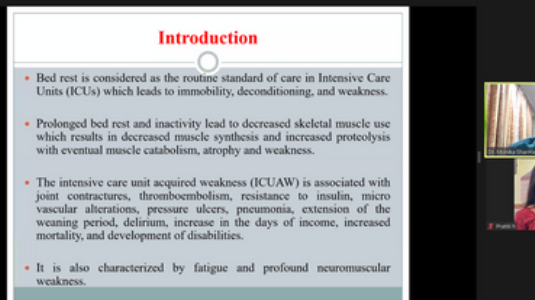
Recording ...

Go to Meeting Room: Presentation Screen ... View Options ...

2. Confinement after Hemodialysis

- Dependent on others**
"I have wound in my hand because of infection at fistula site now I can't comb my hairs independently"
- Unemployment**
"I am tailor after hemodialysis I can't do anything"
- Social Isolation**
"I have left preparation for NEET when hemodialysis was started now I don't have any contact with anybody"

...@unipr...



The screenshot shows a Zoom meeting interface. At the top, there is a title bar with 'Recording...' and a window title 'Zoom Meeting - Windows Meeting is...'. The main content area displays a presentation slide titled 'Introduction' with a bulleted list of points. To the right of the slide, there is a video call window showing two participants. The top participant is a man with a beard, wearing a blue shirt, and the bottom participant is a woman with long dark hair, wearing a green and red sari. The bottom of the screen shows the Zoom toolbar with various icons for navigation and controls.

Introduction

- Bed rest is considered as the routine standard of care in Intensive Care Units (ICUs) which leads to immobility, deconditioning, and weakness.
- Prolonged bed rest and inactivity lead to decreased skeletal muscle use which results in decreased muscle synthesis and increased proteolysis with eventual muscle catabolism, atrophy and weakness.
- The intensive care unit acquired weakness (ICUAW) is associated with joint contractures, thromboembolism, resistance to insulin, micro vascular alterations, pressure ulcers, pneumonia, extension of the weaning period, delirium, increase in the days of income, increased mortality, and development of disabilities.
- It is also characterized by fatigue and profound neuromuscular weakness.

THANK YOU