

International Conference on Current Research Trends In Engineering, Science and Medicine



15 & 16-Mar-2024

Organized by

VDGOOD Professional Association

(Regd. Organization of the Indian Trust Act, 2013)

Reg. no: U22190TN2019NPL127500

*“The journey of a thousand miles
begins with one step”*

Contact Us

Ms. Melina



+91 7708973048



globalconference2k24@gmail.com



ZOOM App, India



www.brainymet.com



About Us

It's a Right Time to choose the Right Way of Success, Aim of VDGGOOD International Conferences, Open Access Journals and Awards is to provide the Platform for Researchers at he 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 fulfillment of one's potential. 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.



About Conference

This Conference brings together Researchers, Scientists, and other professionals who are interested in the study of Engineering, Science and Medicine. This aims to provide a platform for exchanging ideas, presenting research findings, and discussing the latest developments in this field. Attendees at the conference can participate in keynote speeches, panel discussions, small group sessions, and poster presentations. Attending this Conference provides an excellent opportunity for professionals to learn about the latest advancements in their field, establish collaborations, and stay up-to-date with the latest research in this conference. This conference may also offer networking opportunities, career development sessions, and social events to facilitate interaction among participants.

Why do I need to attend?

- Knowledge exchange: Researchers come together to present their latest research findings and discuss ideas related to their research field.
- Networking: This conference allow researchers/ attendees to create collaborations and to network with colleagues and peers from different institutions and countries.
- 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

Target Audience

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

Call for Presentation

Abstract/ Title for presentation in the conference are invited from Scientists, Researchers, Professors, Practitioners, Research Scholars and P.G. & U.G. Students, etc. Authors are requested to send Abstract/ Title to e-mail: globalconference2k24@gmail.com

Website: https://www.brainymet.com/conference_details/international-conference-on-current-research-trends-in-engineering-science-and-medicine

Guidelines for Abstract Submission

- The abstract should not exceed 400 words.
- Font face: Times New Roman, and size: 11 points.
- Abstract should include purpose of study, methodology, summary of findings/results, conclusion and significance / contributions of study.
- List a maximum of 5 key words.
- Title, author's name, affiliation, address, telephone and fax number, and email address should be included.
- Abstract should be written in English.
- Standard formatting such as bold, underline and dot points can be used.
- Please do not include any paragraph or line formatting. Leave as single spacing.
- All abstracts should be written in MS Word format (DOC or DOCX)

Conference Tracks

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

Track 1: Science, Technology, Engineering

- 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
- Biochemical engineering
- Bioprocess engineering
- Bioinformatics
- Biomedical engineering
- Biomolecular engineering
- Biotechnology
- Biotechnology engineering

- Catalysts
- Ceramics
- Corrosion engineering
- Electrochemistry
- Environmental engineering
- Earthquake engineering
- Fischer Tropsch synthesis
- Fluid dynamics
- Food engineering
- Materials science
- Metallurgy
- Mineral processing
- Molecular engineering
- Nanotechnology
- Natural environment
- Natural gas processing
- Nuclear reprocessing
- Pharmaceutical engineering
- Plastics engineering
- Polymers
- Process engineering
- Paper engineering

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
- Psychology
- Neurology and Neurological Disorders
- Nursing and Health care medicine
- Pneumology/Respiratory medicine, etc.

Note: Related all topics of Engineering, Science and Medicine included.

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	360 \$
	Delegate	2200	160 \$	4600	270 \$	7200	450 \$
	Listener	800	50 \$	-Nil-	-Nil-	-Nil-	-Nil-
	Group Registration	25 % Relaxation Applicable					

Note: Include 18% GST while Registering

Nomination for Conference Awards

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 Contributor Award
- Research Excellence Award
- Outstanding Researcher Award
- Innovative Technologist Award
- Budding Researcher Award
- Distinguished Scientist Award
- Young Researcher Award
- Young Achiever Award
- Women Researcher Award
- Women Excellence award
- Best Researcher Award
- Career Contribution Award
- Academic Research Award
- Research Innovation Award
- Young Professional Award
- Excellence Service Award
- Best Faculty Award
- Faculty Excellence Award
- Best Academician Award, etc.

All the participants are requested to submit your CV along with Abstract/ Title

Registration Details

Nominate and Register yourself using the following link
https://docs.google.com/forms/d/e/1FAIpQLSdnis9EXoPUmvJP_xnQ9HovaIlNarKIf8HMMT2vv4ZNgNA35g/viewform?usp=sf_link

(Or) **Register:** <https://razorpay.me/@vdgood>

(Or) **Wallet Payment:** brainyconference@oksbi

Important Dates

- Registration Opens on 01-Mar-2024
- Registration closes on 12-Mar-2024
- Date of Conference: 15 & 16-Mar-2024

Benefits of 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
- Softcopy of the Proceeding will be given for each and every conference
- Hard Copy of the participation and Award winning certificates will be sent by post to the residential Address
- 80 G will be applicable

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.



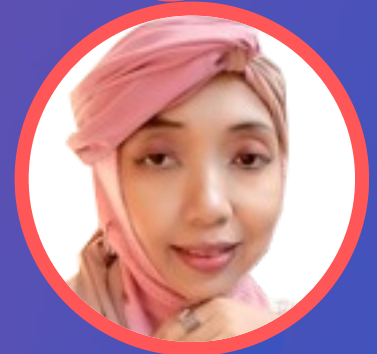
Dr. Nour Shafik El-Gendy
Professor of Nano-Biotechnology,
Egyptian Petroleum Research
Institute, Egypt.



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

[illegible]

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 weakness.
- 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..
- 9 Oncology**
Oncology refers to the study and treatment of different types of cancer

Navigation icons: Home, Back, Forward, Search, etc.

The screenshot shows a Zoom meeting interface. The main window displays a presentation slide with the following text:

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.

Below the main text, there is a sub-heading and another paragraph:

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

On the right side of the screen, there is a list of participants:

- J. J. J.
- Shashidhar Agrawal
- Monika Desai HR
- Pratik Parkar
- Pratik Parkar

The bottom of the screen shows the Zoom toolbar with icons for chat, mute, video, and other controls.

● Research

Need for Nursing Research

- ❖ It helps avoid the costlier **trial-and-error** method of knowledge generation as well as nursing interventions that are unsafe.
- ❖ It generates evidence for nursing practice which enables nurses to make more informed decisions about patient care.
- ❖ **Qualitative research** enables nurses to understand and appreciate a phenomenon about which little is known.

1/20/2024

Introduction to Nursing Research

9

INDIVIDUAL PERCEPTION

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

Perceived seriousness: KFC may not be possible.

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

MODIFYING ACTION

Demographic variable: Demographic 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 confidences to father in terms of baby care

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

LIKELIHOOD ACTION

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

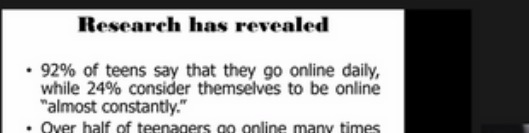
Perceived Barriers: • Shyness in providing KFC • Difficulty in visiting hours • Difficulty in handling the baby

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 during all the data collection and they will practice the same at home

Zoom Meeting View Options

INTRODUCTION

- 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.



The screenshot shows a Zoom meeting interface. At the top, there are tabs for 'Recording', 'More Options', and 'More Options'. The main content area displays a presentation slide with the title 'Research has revealed' in bold. Below the title is a bulleted list of statistics:

- 92% of teens say that they go online daily, while 24% consider themselves to be online "almost constantly."
- Over half of teenagers go online many times a day.
- 94% of teenagers access the Internet via their smartphones at least once a day, if not more.
- Facebook is the most-commonly visited social media site for teens (71%), followed by Instagram (52%), then Snapchat (44%).

On the right side of the screen, there is a small video window showing a participant with a beard and glasses, identified as 'Paul D. Lopez'.

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"



Zoom Meeting Share Screen Near-Header Controls Near-Header 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.

Participant 1 (Male, Blue shirt)
Participant 2 (Female, Green shirt)

Zoom Meeting Share Screen Near-Header Controls Near-Header Controls



****Thank You****