

ICDS 2022 Report

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International Conference on Dermal Sciences

ICDS is a premier interdisciplinary forum for researchers, scholars, practitioners and academicians from different disciplines interested in skin-related issues. This includes cosmetic scientists, dermatologists, allied health professionals, skincare experts, psychologists and all others who can contribute to bringing up a solution.

ICDS aims for an interprofessional approach to develop innovative solutions for skin related problems and to create awareness among health professionals and in the general public regarding skin issues and their psychosocial impact.

Panel Discussion Titled “**The Power of Looks**” to discuss the impact of discrimination on the basis of looks on mental health.

ICDS 2022

The 2nd edition of ICDS was organized by the Department of Dermatology, The University of Faisalabad in collaboration with Society for Skincare on 18th & 19th of November 2022. Theme for this conference was “Skin and Cosmeceuticals: Production, Practice and Regulations”. This was a hybrid event with four pre conference workshops.

Researchers from 6 countries including India, Indonesia, Malaysia, Nigeria, Pakistan and USA shared their research work regarding different aspects of the theme. HE Ambassador of The Republic of Indonesia to Pakistan, Adam M Tugio was Chief Guest at the inaugural session. More than 300 registered participants showed great interest in the topic by attending the conference physically as well as online. President, vice president and representatives of Faisalabad women chambers of commerce attended the inaugural session.



Inaugural Session



Ambassador of the Republic of Indonesia to Pakistan



Conferences was heavily attended by professionals from multiple disciplines

Sustainable Development Goals

The Sustainable Development Goals or Global Goals are a collection of 17 interlinked global goals designed to be a "shared blueprint for peace and prosperity for people and the planet, now and into the future". The SDGs were set up in 2015 by the United Nations General Assembly and are intended to be achieved by 2030.

International Conference on Dermal Sciences 2022 was in alignment with SDG no. 8 and more specifically SDG 8.2, 8.3, 8.4 and 8.6.



Innovative ideas implemented through ICDS 2022

- A conference with a unique theme on Skin and Cosmeceuticals which has never been discussed before, in Pakistan
- A special session on Halal Cosmetics was conducted where ambassador of Indonesia to Pakistan conducted a brief talk
- Separate workshops were conducted on perfumery and cosmetic formulations by renowned experts
- A two-day International Conference with registration fee of just \$24.49 to encourage young researchers to participate and present their research papers
- On the concept of “GO GREEN”, paper printing was minimized and abstract book was made available on the website www.icdspk.com.
- A platform for young researchers to present their work to a global community
- A multidisciplinary approach – Representatives from 12 disciplines including Business, computer science, Dermatology, Dermal Sciences, Interior Design, Law, Medicine, Microbiology, Perfumery, Pharmacy, Pharmacology, Social Work participated in ICDS 2022

Inaugural Session

Ambassador of the Republic of Indonesia to Pakistan Adam M. Tugio, made a comprehensive speech on “Halal Cosmetics and economy in Muslim countries”.

“There is 25 % of global Muslim population which is a huge potential market for Halal cosmetics. Nowadays, this is the time for Islamic countries to explore the Halal cosmetic market and access things not only for Islamic countries, but also beyond that. Indonesia maintains the fourth position in the overall global economy in Jakarta, with 5 billion Halal products being marketed. I salute, appreciate and commend the effort by the University of Faisalabad, for organizing this even. It will raise the awareness of people that when we are talking about the Halal industry, it goes beyond food, it can also be applicable to cosmetic products and other sectors.”



His Excellency, Adam M. Tuigo,



Inaugural Session ICDS 2022



Chairman Board of Governors, Muhammad Haider Amin presenting the shield to Ambassador Adam M. Tuigo.



Prof. Dr Shoukat Parvez, Ambassador of Indonesia to Pakistan Adam M Tugio, Chairman BoG Muhammad Haider Amin and President Faisalabad Women Chambers of Commerce Mrs Rubina.



Representatives of Faisalabad Women chambers of commerce

WORKSHOPS

Four pre conference workshops were organized to facilitate conference delegates and other interested participants learn and take most out of the ICDS platform.

WORKSHOP I

Research Made Easy

Session 1:

“Choosing The Right Topic and Identifying the Gap”

Facilitator: Prof. Dr Tanzeela Khalid, MBBS, FCPS(DERM), MCPS-HPE

Head, Department of Dermatology, Madinah Teaching Hospital

The purpose of research is to fill the gap in already existing literature. Dr Tanzeela Khalid taught participants how to read a research paper to locate a gap in it.

Session 2:

“Qualitative and Quantitative Methods of Research Choosing the Right Statistical Tests”

Facilitator: Dr Sumera Badar, MBBS, MPhil, MHPE, Doctorate in HPE.

Head Health Professions Education & Research Department, Faisalabad Medical University

Dr Sumera Badar gave a detailed overview of qualitative and quantitative research methodologies and guided the young researchers on how to choose the most appropriate method and statistical test according to their study type.

Session 3:

“Tips for Writing a Good Research Article and Publishing Your Paper”

Facilitator: Dr Pathiyil Ravi Shankar, FAIMER Fellow, MBBS, MD.

Faculty, IMU Centre for Education, International Medical University Malaysia.

Dr P Ravi Shankar gave an interactive session on how to choose the right journal for publication. He also described the ways to overcome challenges which researchers face during publishing a paper.



Prof Dr Tanzeela Khalid



Dr Sumera Badar



Dr Pathiyil Ravi Shankar

Workshop II

Cosmeceutical Formulations

Master Class By the Expert

Facilitator:

Rana Asghar Ali, entrepreneur and CEO oxywhite, navia and pax. “Rana Ashghar Ali shared knowledge about techniques which are needed to formulate cosmetic products. He elaborated different quality control tests done before marketing of cosmetic products. He also explained the ways of marketing the products and generating revenue. He shared his experiences of laying the foundation of a cosmetic company in Sialkot, Pakistan.



Students attending pre-Conference Workshop



Rana Asghar Ali

Workshop III

Healing through Art

A workshop on collision of art and medicine

Session 1:

“To use representational art to express gratitude for the world around you”

Facilitator: Ms Afsheen Javed

Architect | Interior Designer

Head Department of Interior Design, The University of Faisalabad

Ms Afsheen explained how art is a source of healing by providing a way of catharsis. It was practically demonstrated when all the participants made abstract arts on canvas by using acrylic paints.

Session 2:

“To use creativity and imagination to gain contact with your inner self”

Facilitator: Rumaisa Khalil

Multimedia artist NCA, Reiki practitioner, NLP practitioner and painter

Ms Rumaisa Khalil facilitated a session on meditation which was an attempt to connect with souls and hearts by drawing inner self on the paper and then reflecting on it.



Ms Afsheen Javed



Ms Rumaisa Khalil





Participants

Workshop IV

Perfumery for beginners

“A workshop on fragrance design and mixology”

Facilitators: **Huzefa Ali Asghar**, Perfumiest.

Masters in material sciences and engineering -France

Member of PSQCA technical committee for essential oils Pakistan

Huzefa Ali Asghar explained the science and art involved in manufacturing a perfume. He described the different perfume notes which play role in fragrance. He said: “It was my dream to teach and spread the knowledge of perfumery. Since Pakistan is agro based economy, I believe that area we can extract different oils, essential oils, create our own perfumes because Pakistan is one of those countries which is blessed with four seasons, different demographics and a young generation which is open for trends.”

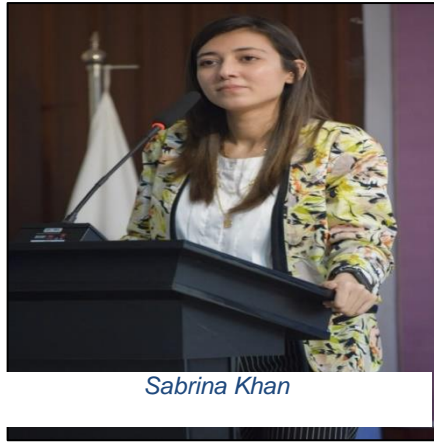
Facilitator: **Sabrina Khan**,

Sales and development lead for perfumery. Major in marketing

Sabrina Khan explained marketing techniques required for selling perfumes. She said: “I have been associated with sales and marketing department for perfumery. It is such a versatile field. Unfortunately, we don't have many people in this industry. We have urge of having people to come and, get knowledge about this field and work with us.”



Huzefa Ali Asghar



Sabrina Khan

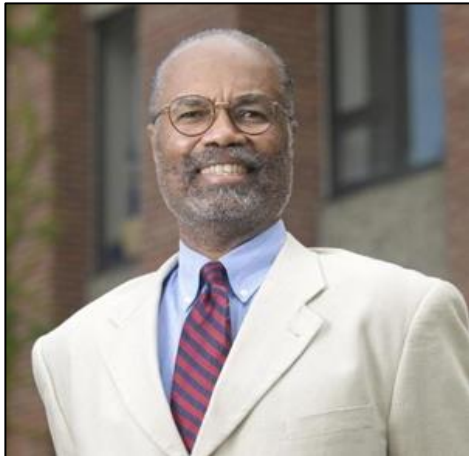


Perfume Sample

Speakers

35 Speakers from 6 countries of the world including India, Indonesia, Malaysia, Nigeria, Pakistan and USA presented their research.

Title Of Talk: The Bleaching Syndrome Among People of Color



Dr. Ronald Hall

Professor Social Work
Michigan state university, US

- TUF Excellence award was presented to Dr Ronald Hall on November 18, 2022 because of his meritorious services.
- His skin color research comprises more than 200 (co)-authored publications, interviews, and presentations pertaining to the issue.
- He won the Mellen Prize for Distinguished Contribution to Scholarship for publication of Skin Color as a Post-Colonial Issue Among Asian-Americans.
- His most recent book is titled The Historical Globalization of Colorism (2021)
- On November 20, 2021 Dr. Hall lectured by Zoom at the International Conference on Dermal Sciences: Psychosocial Impact of Colorism at The University of Faisalabad, Faisalabad, Pakistan.

Title Of Talk: Bleached Girls: India and Its Love for Light Skin.



Dr. Neha Mishra

Associate dean (scholarships), Jindal
Global Law School, O.P Jindal Global
University, India

- Her research area focuses on Human rights law, colorism, postcolonial feminist studies, Gender & Child rights, Rehabilitation, exclusion and its intersection.
- She has also been part of important deliberations on issues like trafficking, caste - color and gender intersection with field experts in different countries like USA (Washington University, St. Louis; School of Social Work, Michigan State University), Russia (MSAL), American Embassy in India (2021), and as Kalinga Fellow (2020-2021).

Title Of Talk: Green Chemistry: Role of Catalyst as Foundational Pillar



Dr. Anju Goyal

Professor & Assistant Dean (PhD-pharmaceutical Sciences) at Chitkara University Rajpur, India

- She has more than 45 Publications to her credit.
- She is an editor of Book “Advanced Techniques of Analytical Chemistry (Volume-1)-By Bentham Sciences “, co-author of book “Pharmaceutical Chemistry-VI (Medicinal Chemistry-1)” published by Thakur Publications and “Synthesis and Biological Aspects of Pyrimidine Derivatives” published by Lambert.
- She is member of Editorial Board and Advisory Board of various National and International Journals.

Title Of Talk: Community Pharmacists’ Perspectives Regarding the Counseling for Topical Corticosteroids

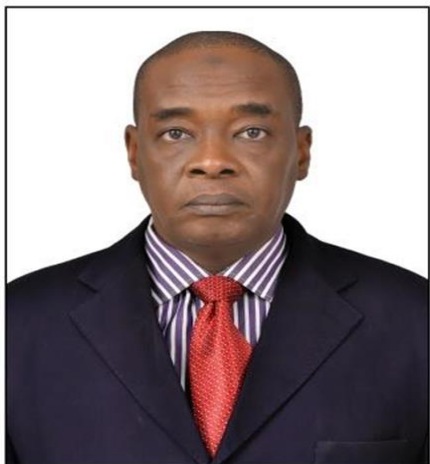


Dr Pathiyil Ravi Shankar

Faculty, IMU Centre for Education, International Medical University Malaysia.

- Member ORCID Researcher Advisory Council (ORAC)
- Member TLM Global Counter Space program
- Member, World Association of Medical Editors (WAME)
- Academic Editor PLoS One Member Editorial Board BMC Medical Education Malaysia
- He has 743 publications in various national and international journals. He has written 12 book chapters in seven books.
- He has reviewed over 800 research papers for various journals.

Title Of Talk: Awareness and Use of Cosmeceuticals Among Female Students of Tertiary Institutions in North-Eastern Nigeria.



Dr. Mohammed T Bolori

EO/ MD & principal consultant at diamond care resources Public Health professional (Northern Eastern Part of Nigeria)

- Served as a Consultant to WHO for 8 years (2012 to 2021)
- He has been awarded certificates of excellence in reviewing journal articles four times by the International Journal of Tropical Diseases and Health, the Journal of Pharmaceutical Research International based in India and the UK and the International Journal of Reports and Research in Gynecology

Title Of Talk: Regulatory Frameworks of Cosmeceuticals, Marketing Challenges and Global Compliance



Dr. Rajeswari Kamisetti.

Prof. & Head of department of PRA, Pulla Reddy Institute of Pharmacy, India.

- She is experienced in Formulation product development of solid dosage forms, solubility enhancement techniques like solid dispersion technologies, bioavailability.
- 15+ years of experience in academic research.
- 2 years of experience in Quality Assurance of pharmaceuticals, Pharmacokinetics, Pharmaceutical Regulatory Science and Biostatistics and Research Methodology.

Title Of Talk: Personal-Care Cosmetic Practices in Pakistan.



Dr. Nazeer Hussain Khan

Doctor of Philosophy
Postgraduate fellow at Peking
University

- Four years of research at Henan University.
- Skilled in a range of physiological and molecular techniques, such as Cell culture, Molecular Cloning, Gene-Vector Construct designing, Transfection, PCR, Western Blot, Cytotoxicity Assays, Spectroscopy, Protein Extraction, Purification, Anticancer assays etc.

Title Of Talk 1: Industrial Application of Halal Cosmetics and Its Economic Impact: Role of Probiotics on Skin Health.

Title Of Talk 2: Natural Potent Compound for Skin Whitening and Skin Health.



Dr. Shoukat Parvaiz

PhD, UNESCO fellow 1987 Institute
of Microbiology, Czech Republic.
Post Docs: Kyung-Hee University, S.
Korea, ICBG Thailand, UNIDO/
ICGEB, Trieste, Italy

- Chairman of the Ministry of Science and Technology, Pakistan.
- Director Technical at Pakistan Atomic Energy Commission.
- Director of Agriculture and Biotechnology at Pakistan Atomic Energy Commission.
- Managing Director of Pakistan Atomic Energy Commission and Head of Department National Institute for Biotechnology & Genetic Engineering (NIBGE), Faisalabad.

Title Of Talk: Halal Formulation of Cosmeceuticals



Huzefa Asghar
Perfumiest

- Masters in material sciences and engineering -France
- Member of PSQCA technical committee for essential oils Pakistan
- Completed olfactive training course from France
Experience in evaluation, and application of fragrances in several cosmetic applications.

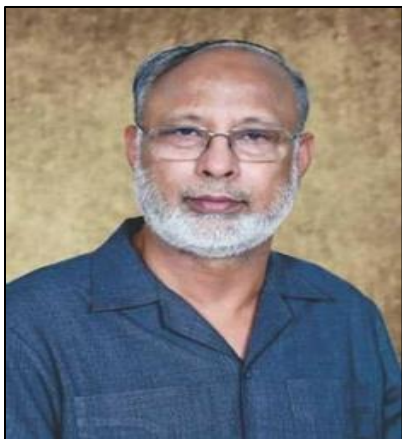
Title Of Talk: Ethical Considerations in Cosmetology



Dr. Saleem Ghauri
Senior Consultant Dermatologist

- MCPS (Dermatology) from College of Physicians & Surgeons Pakistan (CPSP),
- Certified in Teaching and Learning and a Certificate in Essentials of Ethics and Professionalism for Healthcare Professionals.

Title Of Talk: Difference Between Appearance and Disease.



Brig(R) Rehan Ud Din

MBBS, FCPS(DERM), MCPS-HPE
Professor & Head of Department of
Dermatology, Director Faculty
Development, CMH Lahore Medical
College & IOD

- He introduced and conducted the first ever Faculty Development Workshops for CSS Academy and Naval War College in Lahore.
- He has conducted more than 100 workshops on different aspects of Medical Education.
- He is pioneer medical educationist in Pakistan to utilize Learning Response System.

Title Of Talk: Beauty and Its Boundaries in Islam.



Dr. Sohail Jabbar

Acting Director, ORIC, The University
of Faisalabad

- Professor at the Department of Computer Science, Associate Dean (faculty of IT), and Director of ORIC at The University of Faisalabad.
- Involved in publishing over 100 research articles in prestigious journals and is involved in national as well as international projects.

Title Of Talk: Smile and Psychological Well-Being.



Ms Kinza Arif

- Doctor of Dermal Sciences
- Physician Associate at Faisal Hospital. Faisalabad.
- Lecturer, Department of Dermal Sciences, The University of Faisalabad.

Title Of Talk: Perception of Buying Behavior of Young Consumers Regarding Skincare Products in Pakistan.



Ms Maryam Ali Fatima

- Doctor of Dermal Sciences
- Interning cosmetologist, Madinah Teaching Hospital.
- Clinical cosmetologist

Title Of Talk: Cosmetovigilance Survey: Are Cosmetics Considered Safe by College Students



Ms Nukhba Khalid

- Student of Pharmacy,
- Government College for Women Faisalabad.

Title Of Talk: Development of *Azadirachta Indica* Loaded PVA Needleless Electro Spun Nanofiber Membranes for Facemask Applications.



Mr Rizwan Tahir Mubarak

Title Of Talk: Toxicity of Cosmeceuticals: Their Possible Human Health Hazards.

- Department of Pharmacy, The University of Faisalabad.

Ms Nyla Ajaz.

Title Of Talk: Encapsulation of Kojic Acid Di-palmitate a Whitening Agent in Ectosomes for Treatment of Hyperpigmentation: *In-Vitro* and *In-Vivo* Characterization.



Ms Nishma Tanveer

- Faculty of Pharmacy, Department of Pharmaceutics, The Islamia University, Bahawalpur, Pakistan

Title Of Talk: Assessment of Dermo Cosmetic Ethosomal Gel Loaded with Vitamin E Derivative and Evaluation of Changes in Biophysical Parameters.



Ms Naheed Akhtar

- Faculty Of Pharmacy and Alternative Medicine, Department of Pharmaceutics, The Islamia University, Bahawalpur, Pakistan

Title Of Talk: Effect of Loading A-Tocopherol in Nanostructured Lipid Carrier for Achieving Improved Cosmetic and Dermatologic Effects



Ms Musarrat Ijaz

- Cadson College of Pharmacy, Pakistan.

Title Of Talk: Active Ingredients and Formulation of Cosmetics/Cosmeceuticals.



Ms Saleha Shafi

- Student, Department of Pharmacy, TUF.

Title Of Talk: A Survey-Based Study on Factors Influencing Consumer Purchase Intention Towards Skincare Serum



Ms Tuba Nawaz

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Impact of Organic Skincare Products on Young Girls



Ms Ayesha Ismat.

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Influence of Fragrance on Buying Behavior of Cosmetic



Ms Mahnoor Khurram

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Psycho-Social Impact of Marketing Strategies of Cosmeceutical Industries on Society.



Ms Araika Afridi

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: A Comparative Study of Microbiological Variations Among Surgical Users Versus Non- Users



Ms Huda Shami

- Doctor of Dermal Sciences
- Lecturer, Department of Dermatology,
- The University of Faisalabad.

Title Of Talk: An Observational Study on Unaccounted Regulatory Obligations of Personal Care and Cosmetic Products.



Ms Tayyaba Saqib

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: The Impact of Peer Recommendation of OTC Cosmeceuticals.



Ms Dua Khalid

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Whitening Creams and Its Formulations



Ms Rabia Fakhar

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Attitudes and Perceptions Behind the Use of De-Pigmenting Agents.



Ms Prihan Fatima

- Student, Department of Dermal Sciences, TUF.

Title Of Talk: Prevailing Sentiments Behind the Use of Whitening Creams



Ms Areeba Bint e Akhtar

- Student, Department of Dermal Sciences, TUF.

Comments of Session Chairs

Plenary Session:

Chair:

Prof. Dr. Shaukat Pervaiz

- Dr. Shaukat is a renowned researcher and scholar with 8 patents and 85 publications to his credit
- He has helped many key positions including:
- Former rector at The University of Faisalabad
- Chairman of ministry of science and technology Pakistan
- Director Technical at Pakistan Atomic energy commission.

Comments Of Session Chair:

“The talks and presentations were very impressive and useful for all of us and especially the first speaker Dr Ronald Hall who talked about the use of chemical-based skin whitening. I 100% agree with him that they have a lot of common side effects and are somehow carcinogenic.”



Prof. Dr. Shaukat Pervaiz

Scientific Session 2:

“Halal cosmetics”

Chair:

Prof Khalid Mehmood Yahya

- Prof of medicine at Madinah Teaching Hospital.

Comments Of Session Chair:

“I feel honored to have been invited to such an August gathering. Now what I concluded from this session ‘Halal Cosmetics’ is that the question is not only whether the cosmetic product or anything is halal or not but also the money with which you buy. Quran says to enter Islam as a whole which is a conclusion in itself.”



Prof Khalid Mehmood Yahya

DAY 02

Scientific Session 1:

“Formulation of Cosmeceuticals”

Chair:

Prof. Dr Saba Tariq

- Professor In Department of Pharmacology and Therapeutics, University Medical and Dental College, Faisalabad.

Comments Of Session Chair:

“I believe that the take home message from this session is that the technology advancements and cosmeceuticals continue to become more sophisticated and widely used. The medical and dermal sciences professionals must take an active role in familiarizing themselves as well as educating the patients about benefits and risks of cosmeceuticals.”



Prof. Dr Saba Tariq

2nd Scientific Session:

“Marketing Strategies and Buying Behavior in Cosmeceutical Industries”

Chair:

Prof Dr Azeem Ahmad

- Head Of Department National School of Management Studies, The University of Faisalabad.

“ Throughout the session, I never felt that it's a Dermal Sciences platform as the research work of students was very close to marketing and management. Students presented wonderful work on purchasing behavior of cosmetics. I would suggest a discussion on repurchase behavior in the next ICDS. ”



Prof Dr Azeem Ahmad

3rd Scientific Session:

“Skin Research Forum”

Chair:

Prof. Dr Sundas Tariq

- Professor of Physiology, University Medical and Dental College, Faisalabad.

"ICDS is a great initiative and a platform for all these young researchers. While it was very impressive presentation of refined studies by these students, there is always room for improvement. Enhancing your skills and learning new ways to conduct research should be your objective."



Prof. Dr Sundas Tariq

Additional Photographs



