

ERA UNIVERSITY

Newsletter
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Era University

Era University, Sarfarazganj, Hardoi Road, Lucknow-226003, U.P., India.

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Editorial

Life at Era University has been running with complete vigour in the online mode. Academic and cultural activities have not taken a backseat even though the Covid crisis is yet not over. Faculty members and students have encountered new challenges in the past one year. Developing an online learning system requires a lot of discipline to be inculcated amongst the students. With a spurt of Covid cases in town and an atmosphere of frenzy, Era University has put up untiring efforts to keep up its routine work, while supporting academic and extra curricular activities, all through the online platform. We have worked hard consistently to replace our Conferences and Workshops with effective webinars to disseminate latest innovation and learning.

The hon'ble Chancellor, Vice Chancellor and Pro-Chancellor have motivated the faculty towards providing a value based contemporary education, the thrust areas always being research and innovation which are achieved by both modern and traditional methods. The present VUCA world surrounding us is volatile, uncertain, complex and ambiguous.

The online learning world of academic engagements and cultural activities helped students to maintain their rigour in a multi-dimensional learning environment. The Online Annual Cultural Festival, Ecstasy helped students to stay rejuvenated indoor with Competitions like Photography, Poetry writing, Greeting Card and Invitation Designing and Poster Making. Every single day at the campus, virtual presently, has something to offer intellectually and culturally.

The academic year was equally rewarding as Era University received the prestigious SKOCH award, Gold category in December 2020 for exemplary work in patient care during Covid 19 pandemic outbreak. The award is given to an organization which carries out social work for the benefit of the society, at large.

This issue of the newsletter presents a panorama of images drawn from the life at Era University in the past one year. It also presents the challenges of organizing academic and cultural activities in an online learning and teaching environment. The journey has been both challenging and rewarding and I welcome all the readers to take this ride with us through the alleys of the prestigious Era campus.

Dr Rupali Mirza
Editor-in-chief

ISPMCON-2021

Conference by Department of Personalized & Molecular Medicine, Era University

A Two day International conference of Indian Society of Personalized Medicine (ISPMCON-2021) with emphasis on Recent Advances and Challenges was jointly organized by the Department of Personalized & Molecular Medicine, Era University, Lucknow and National Academy of Medical Sciences, India on March 24 and 25, 2021. The aim of the ISPMCON-2021 was to bring scientists, clinicians and academicians on a single platform so that the cutting edge research being carried out in different laboratories could be translated and thus utilized for the better personalized care in the hospital system.

The conference was inaugurated by the Chief Guest, Lt. Gen. (Dr.) Bipin Puri, Hon'ble Vice Chancellor, KGMU, Lucknow at a function at Mini Auditorium, University Building, Era University, Lucknow. Some of the prominent speakers included Dr. Kalpana Joshi from Pune University, Pune, Dr. Muneeb A. Faiq from University School of Medicine, New York, USA, Prof. (Dr.) Germaine Cornelissen from university of Minnesota, Minneapolis, MN, USA, Prof. Pietro Chiurazzi from Catholic University of the Sacred Heart, Italy, Prof. Haseeb A Khan from King Saud University, Riyadh, Saudi Arabia, Prof. Sharon Glynn from University of Ireland, Galway, Ireland, Prof. Elisabeth Deindl from University of Munich, Munich, Germany, Dr. Rajasekaran N. Soorappan from University of Alabama Birmingham, United States, Dr. Federica del Monte from Medical University of South Carolina, Prof. (Dr.) Hari S. Sharma, Rotterdam, The Netherlands, Dr. Adrie J. Steyn from Birmingham, USA,

Dr. Pradeep Kumar G from Rajiv Gandhi Centre for Biotechnology, Trivandrum, India, Prof. (Dr.) Sher Ali, Sharda University, Noida, India, Prof. (Dr.) Macro A. Perrone's, University of Rome, Rome, Prof. Lindsay Brown from Queensland, Australia, Dr. Shariq I Sherwani from Athens, USA.

The awards for 'best oral presentation', 'best poster presentation' and 'Young Scientist Award' were also presented. During the four day ISPMCON-2021, 24 Invited Lectures, 40 Posters and 37 Free Papers were presented. The conference was highly appreciated by the audience and more than 250 delegates attended the conference.





Webinar Series on the topic Multidisciplinary Education: Roadmap to Implementation

A series of webinars and associated workshops were organized by School of Liberal Arts and Sciences at Era University, Lucknow on the topic Multidisciplinary Education: Roadmap to Implementation from January 28, 2021 to February 10, 2021. The objective of these webinars and workshops was to create a conversation and an action plan for implementing a holistic and multidisciplinary education as proposed by the New Educational Policy (NEP) 2020.

The inauguration session on January 28, 2021 was graced by the Hon'ble Vice-Chancellor, Prof (Dr) Farzana Mahdi, the Additional Director (Administration), Era University, Mr. Zaw Ali Khan, Prof (Dr) Monowar Alam Khalid, Dean, Faculty of Humanities and Social Sciences, Integral University, Lucknow, and the Keynote Speaker Dr Wesley Teter, Senior Consultant for UNESCO's Asia and Pacific Regional Bureau for Education, Bangkok, Thailand. Dr Teter delivered his talk on “Multidisciplinary Education: Perspectives on Governance, Leadership and Reform” and discussed the key features, challenges and future of multidisciplinary education.

Following the Keynote speech, Professor Teri Balsler, Provost & Vice-President (Academics), University of Calgary, Canada delivered her talk on “Removing Barriers and Making Change Happen” in the context of multidisciplinary education. The third distinguished speaker at the inaugural session was Dr Ka Ho Mok, Vice-President at Lingnan University, Hong Kong. Professor Mok shared core values, goals and objectives of educational programs at Lingnan University. The first workshop titled “Decoding 'What', 'Why' And 'How' Of Multidisciplinary Education” was conducted by Dr Uma Narain, the Advisor to Vice Chancellor, Era University and Founder Dean, School of Liberal Arts, NMIMS University, Mumbai. Dr Dinyar Patel, Fulbright Fellow, S.P. Jain Institute of Management & Research, Mumbai, conducted the second workshop on “Designing Curriculum and Course Outline.” The third workshop titled “Pedagogic Innovations and Evaluation for Liberal Arts Education” was conducted by Dr Mayank Vahia, Dean, School of Mathematical Sciences, NMIMS University, Mumbai and Dr Ajay C. Joshi, Fulbright fellow, Theatre-in-Education, Pune. The last and fourth workshop was conducted by Dr Indira Parikh, President, ANTARDISHA (directions from within), Former President, FLAME University Pune & Former Dean, IIM Ahmedabad on the “Changing Role of Faculty.”

The webinar and workshop series were concluded on February 10, 2021 and graced by the presence of Prof (Dr) Farzana Mahdi, the hon'ble Vice Chancellor, Era University, Mr. Zaw Ali Khan, the Additional Director (Administration), Era University, Ms Deepa Avashia, Educator, Riverside School, Ahmedabad, and Vashima Goyal, Founder Director, EduRetreat, Singapore.

The convener of the webinar and workshop series was Dr Uma Narain, Advisor to the hon'ble Vice Chancellor, Era University. The webinar series was coordinated by Dr Priyanka Ghosh, Assistant Professor of Geography, and Environmental Science, Era University. The event would not see the light of the day without active support from Dr. Ghazala Zaidi, Dr Sheeba Rizvi, Mr Saurabh Tiwari, Ms Swati Joshi, Ms Saleha Jafri and Ms Hansa Johari.

The event was also graced by Dr Jooyoung Kim, Assistant Teaching Professor, IIT Gandhinagar, Dr Madhulika Saxena Sinha, Ms Kamyah Pahwa, Consultant, ANTARDISHA, and faculty members of School of Liberal Arts and Sciences, Dr Rupali Mirza, Dr Ipsita Sarkar, Dr Madhu Pandey, Dr Shazia Fatima, Dr Samreen Naqvi, Dr Manaal Zahera, Ms Yashi Verma, Ms Hershika Verma, and Ms Iffat Jahan.



Webinar on New Education Policy 2020 organized by School of Liberal Arts and Sciences, Era University

A Webinar was organized on September 5, 2020 by the School of Liberal Arts and Sciences on the topic 'A Forward Looking Vision for India's Higher Education System-- Insights Into The Higher Education'. Dr Priyanka Ghosh and Mr Saurabh Tiwari were the resource persons who conducted the program. All the departments of Era University, faculty and students attended the webinar.

The New Education Policy Draft was finally released on 29 July 2020. The main emphasis in this draft is on holistic development of students along with integration of Humanities discipline with STEM (Science, Technology, Engineering and Mathematics). The prime objectives of NEP are inclusiveness, multi-disciplinary approach, development of professional and cognitive skills etc. among the students. Use and focus on ICT in teaching and learning should lead to a better understanding of subjects along with the idea of imparting knowledge. Lectures should be made interactive by the use of suitable pedagogy. There should be flexible course curriculum with Choice Based Credit System (CBCS) having multiple entry and exit levels at the Undergraduate level.

There must be a special focus on inclusion of every section of the society with special emphasis on socio- economically disadvantaged groups along with the idea of nurturing India's cultural heritage by promoting multiple languages. The webinar focussed on the following points of discussion:

The Pedagogy should be interactive depending on the level of the students and also student-teacher bonding.

The course should be career driven rather than job driven with the objective of fulfillment of Sustainable Development Goals.

There should be “Clubs/Groups” in Higher Education Institutions (HEIs) viz. Sports Club, Poetry Club, Music Club etc.

NEP looks towards Global Citizenship Education criteria, so that students can understand and face Global challenges.

Quality education should be career and passion oriented, which can develop and create skills among students.

UG Programme should be of 3 or 4 years, wherein the fourth year should be research and task oriented.

Master’s Programme will be of 1 year if student completed a 4 years Graduation course or else two years if having only 3 years Graduation.

A National Digital Data bank of academic records will be established.

Higher Education Institutions must focus on Multiple and Indigenous Languages with the motto “Ek Bharat Shrestha Bharat”.

National Webinar on Traditional Indian Food: A Treasure of Nutrition

A National Webinar was organized on January 27, 2021 at Era University on the topic Traditional Indian Food: A Treasure of Nutrition. India has outshined itself on the World’s Map as Indian food, cuisine, herbs, and yoga have been attracting people from all over the world. Indian Traditional lifestyle has proved to be the most healthy, unadulterated, easy, simple, and inexpensive way to lead a productive and quality life which also prevents the body from any future health hazards.

During pandemic times too, the Indian diet and herbs have been proved to be the best immunity boosters.

This webinar walked us through the better understanding and recognition of Indian food and herbs which are available in every household, their benefits, and their impact of nutrition on individuals as well as at the community level.

Convenience food is a new practice in the Indian lifestyle that has its additional benefits and harms, but still, it is widely accepted. The pandemic has altered eating habits leading to increased lifestyle problems. It is important to learn how to protect the body from lifestyle changes that lead to harm. In the absence of deterring COVID-19 outcomes therapeutically, enhancing immunity, the body’s natural defense system plays a vital role in preventing the disease. A lot of people have turned to use of roots, leaves and rhizomes, for example, tulsi, ashwagandha, turmeric and neem. These roots have medicinal properties, and can be used as a preventive measure to fight against COVID-19 in a situation that needs recognition to build a strong immune system.

International Women’s Day Webinar Series

International Women’s Day was celebrated at Era University with songs, dance, recitations presented by various faculty members. More than 49 staff members were felicitated who have been working for the Institution for many years. They were rewarded for their selfless dedication and service. The awardees were given a plaque of honour, a certificate of appreciation and gifts. Student volunteers who participated in the programs under Mission Shakti were also rewarded for their efforts. A series of lectures and webinars were conducted under the Mission Shakti Abhiyan spanning over the whole week.



Webinar on Mission Shakti Abhiyan

Emotions are an integral part of human life. Especially women travelling through the roller coaster ride of everyday life need a balance of these emotions. To create this emotional awareness, a webinar was organized by Era University, Lucknow on March 2, 2021 under Mission Shakti Abhiyan. The topic of the session was “Managing Emotions for Self- Empowerment”. The session was addressed by Dr. Farha Rizvi, Associate Professor & Clinical Psychologist, Department of Happiness, Era University, which advocated women how to cope with emotional barriers and maintain their wellbeing.

A woman has multifarious roles. She is a professional, a home maker, a healer and a mentor at the same time. Emotional wellbeing of the woman will help the society towards the path of development.



Webinar on Women Rights according to Indian Judicial Law

The responsibility of building the society, managing a household, building families rests on a woman. The Indian constitution has many laws to empower women against exploitation, harassment, domestic violence and sexual assault. To safeguard the interests of a girl child and adult women, a measurable mechanism has been implemented through various Acts.

A webinar on “Women Rights under Indian Judicial Law” was organized by Era University. The session was headed by Ms. Ninnie Srivastava, Advocate, High Court, Lucknow Bench on March 3, 2021. The webinar provided a platform for faculty members ,



students and staff who were made aware of Indian Acts and Laws related to the safety and security of females.

POSCO Act, Protection of women from domestic Violence Act 2005, The Dowry Prohibition Act 1961, The Immoral Trafficking Act 1956, The Sexual Harassment of women at workplace Act, The Indecent Representation of Women (Prohibition) Act 1956 were discussed during the session.

Lecture on Women and Self Defence by Lucknow NGO's Chairperson

Self Defence for women is of utmost importance in the unsafe world where we live today. Building confidence through physical resistance skills allows women to feel more capable and more at peace when in potentially dangerous surroundings. If they know the proper techniques to defend themselves from physical assault, they will feel safer in any environment. A workshop was conducted by national Judo player, Ms. Varsha Verma at University campus under the Mission Shakti Abhiyan on March 4, 2021 to introduce self-defence techniques to female students. Ms. Varsha Verma is the Chairperson of the NGO "Ek Koshish Asi Bhi" which actively works for the destitute and sexually abused women and children. Most female students at Era University voluntarily participated in the various defence techniques shared and demonstrated by Ms. Verma by taking safety measures. She was felicitated for providing valuable training to the students. Student volunteers were also rewarded for their efforts on Women's Day.



Era University awarded Skoch Award

Era University was honoured with the prestigious SKOCH award, which is the highest independently instituted civilian honour in India. It recognizes people, projects and institutions that go the extra mile to make India a better nation.

It is conferred nationally after strict selection procedures at multiple levels. From thousands of online applications, one thousand are selected for presentation at the head quarters in New Delhi, following which only 150 are selected for the order of merit and then face the challenge to go to the next level. Finally only 10-12 participants are conferred with this top honour in Gold and Silver categories.

Era University received the order of merit for qualifying for the finals followed by the award in the Gold category for its response to COVID.

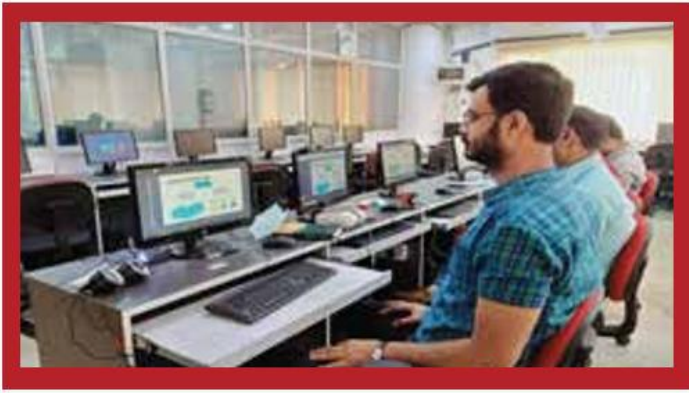
Era's Lucknow Medical College, Era University received the prestigious SKOCH award on December 22, 2020, Gold category for exemplary work in patient care during Covid 19 pandemic outbreak. It was selected nationally for the award by the SKOCH foundation. Mr. Zaw Ali Khan, Additional Director, Era University received the honour. The award was instituted in the year 2003 and is considered to be one of the biggest and most prestigious award bestowed by an independent autonomous private institution. The award is given to an organization which carries out social work for the benefit of the society, at large.



Workshop 'Web Design and Development' organized by the Department of Computer Science

A Workshop entitled Web Design and Development was organized by the Department of Computer Science on June 15, 2021, 11 a.m. onwards in the Computer Science Lab, Era University. Mr. Sushil Kumar, CTO, Spidervella Technologies Pvt. Ltd., Bangalore conducted the workshop. This workshop aimed at making students learn how to make a website and its deployment in different languages. The students participated in the workshop and had a great learning experience. The resource person discussed several ways to develop websites according to the demands of the IT industry. The students and other participants found the workshop very informative. The organizers of the workshop were Mr. Jeeshan Ahmad Khan, Ms. Minhaj Khan and Mr. Nafees Akhter Farooqui from Department of Computer Science, Era University.





Workshop on Digital Marketing organized by Department of Computer Science

A Workshop entitled 'Digital Marketing' was organized by the Department of Computer Science from July 1 to July 3, 2021, in the Computer Science Lab, Era University. Mr. Tapan Kumar Jain, Google Certified Digital Marketer, MakeSkill, New Delhi conducted the workshop. Digital Marketing is the best way to connect with consumers through the internet and get maximum profit in business. Digital Marketing is a concept that helps to grow business by making the best use of SEO, affiliate marketing, mobile marketing, and social media marketing. This workshop aimed at making students learn how to make money from the social media platform and online marketing through the different websites. The resource person discussed several ways of digital marketing and tools of digital marketing as per the increasing demand of the new generation customers.

The students found the workshop very informative and enjoyed it thoroughly. Mr. Jeeshan Ahmad Khan, Ms. Minhaj Khan and Mr. Nafees Akhter Farooqui from Department of Computer Science, Era University, were the organizers of the workshop.



Chauri Chaura Shatabdi Samroh 2021

Era University celebrated the Chauri Chaura event on February 4, 2021, with an introductory program in which the Nodal Officer, Mr. Saurabh Tiwari of Chauri Chaura in Era University briefed the students and faculty members about the significance and importance of this historic event. Further, on March 12, 2021 celebration of Chauri Chaura event marked with discussion on importance of Dandi March along with paying tribute to our freedom fighters.

A quiz competition was conducted in the month of July by Dr. Samreen Naqvi, Dr. Priyanka Ghosh and Ms. Hansa Johari to pay respect to the martyrs of freedom struggle along with the importance of need of peaceful protest. A Poster making competition also organised on July 31, 2021 by Dr. Rupali Mirza, Dr. Shazia Fatima, Ms. Yashi Verma, Ms. Iffat Jahan to celebrate the Azadi ka Amrit Mahotsav, along with the tribute to Chauri Chaura martyrs.



Nutri-canteen “Spicy Treat” Organised by Department of Food and Nutrition

The Students of B.Sc, sixth semester, Department of Food and Nutrition, Era University organised the first ever “Nutri-Canteen” on July 16, 2021 in the Food Processing Lab. The theme for the event was “Spicy Treat”. In co-ordination with the theme, Gol Gappe, popularly called Panipuri. Vegetable Sandwiches were also served. The invitees included the Hon’ble Vice Chancellor, Dr (Prof) Farzana Mahdi, Registrar, Dr Anu Chandra, Assistant Registrar, Dr Ghazala Zaidi and faculties from different departments at Era University.

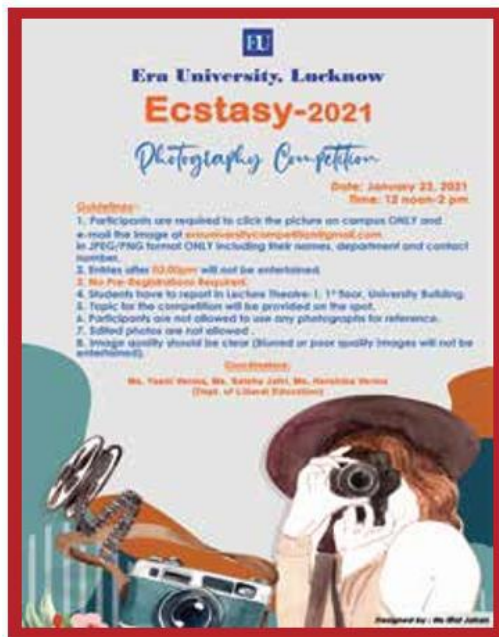
The event was inaugurated by ribbon cutting ceremony, done by Dr. Kahkashan Parvin, Head of the Department, Food and Nutrition and Dr. Minhaj Akhtar Usmani, Assistant Professor, Food and Nutrition Department. This entire event was organised successfully by the students of B.Sc., sixth semester under the supervision of faculty, Ms. Radhika Awasthi.

The main purpose of organizing this event was to inculcate the abilities of being a good entrepreneur in the students. The students managed everything, right from collecting the seed money to purchasing the raw material, preparation, putting up the stall, serving and managing earnings. They were delighted to see the profit they had earned. The faculty members applauded the efforts of the students and thoroughly enjoyed the snacks.



Annual Cultural Festival “Ecstasy 2021”

Annual Cultural Festival was organized by the Creative Arts Club of Era University. Various events were organized including photography, poster-making, greeting-card and Invitation designing, short story writing, and poetry competition. The events were an admixture of online and offline activities which spanned over a fortnight in February, 2021. The meritorious students were given recognition through certificates and honour. The hon’ble Vice Chancellor, Prof Farzana Mahdi appreciated the talent and hardwork of the students. Also she has been the guiding source behind the organization of the Creative Club for providing a platform for showcasing the talents of the students at Era University. The club has been instrumental in guiding the students in a plethora of extra-curricular activities which helps them in confidence-building and personality development. The club activities are being guided and spearheaded by an able team of coordinators, including Dr Rupali Mirza, Ms Yashi Verma, Dr Shazia Fatima, Ms Hershika Verma and Ms Iffat Jahan.



SOCIAL OUTREACH ACTIVITY BY ERA COLLEGE OF PHARMACY-2020-2021

During the time of Covid-19 pandemic when the virus put a huge strain on healthcare system, the provision of medications for management of emergency health conditions and common acute presentations that require time-sensitive intervention were among the high-priority categories of essential health services.

This required pharmacist's role as the providers of essential health services. The students, staff and faculty of Era College of Pharmacy reached out and volunteered in the process of dispensing and supply of medicine to patients in the ward at Era's Lucknow Medical College & Hospital.

We ensured smooth and timely co-ordination of the process so that the treatment is not delayed even when the dear ones of the patient, were not there as care givers.

More than 86 students, all the staff and faculty members contributed to the cause. It was not an organized event but months long services happily delivered under supervision of Dr. Mohini Chaurasia and Dr. Dilshad Ali Rizvi, Professor Department of Pharmacology Era's Lucknow Medical College & Hospital.



Research and Publication

Era's Lucknow Medical College & Hospital, Era University has a research Cell which is supported by the faculty of different departments. The Research Cell promotes and coordinates various academic and research activities in the university. A number of multidisciplinary, extramural research projects are in progress in the institution funded by ICMR, DST, DBT and UPCST. In addition the Post-graduate and Undergraduate students of the university have inculcated an aptitude for research very early in their career. A lot of undergraduate students have been awarded projects under ICMR STS schemes. In the last nine years our faculty members, students and research scholars have published more than 1622 research articles in national and international peer-reviewed journals.

AWARDS AND ACHIEVEMENTS

FACULTY ACHIEVERS , RESIDENTS AND Ph.D. SCHOLARS

Dr. Mohd Aleem Siddiqui

Recognition of exemplary dedication demonstrated in the practice of the art and science of medicine specially towards academic advancement in family medicine. 2021 (Fellowship).

Dr. Rajendra Prasad

Prof. MM Singh Memorial Lifetime Achievement Award by National College of Chest Physicians of India. 2021.

Dr. Rishabh Kacker

Young Scientist Award by ICCAICON 2020 (for presentation).

Dr. Huda Shamim

Youth Talent Promotion by UP Chapter of Indian Chest Society. 2020 (for presentation).

Books and Chapters Published by Faculty in the Year 2020-21

- Hepatorenal Syndrome(Medicine update-2020) by Dr. Jalees Fatima. Publisher Jaypee Brothers 2020.
- Women and diabetes special management issue by Dr. Jalees Fatima & Dr. Vasudha. Publisher Jain Jaypee Brothers.2020
- Acute symptomatic Seizures by Dr. Vaibhav Shukla Publisher Medicine Update-2020.
- Hyperhomocysteinemia and Risk of Cervical Cancer. Mostafal. Waly (Eds): Nutritional Management and Metabolic Aspects and of Hyperhomocysteinemia by Dr. S Tasleem Razaby. Publisher Springer 2020.
- Genetic Risk Factors in the Development of Hyperhomocysteinemia. Waly (Eds): Nutritional Management and Metabolic Aspects and of Hyperhomocysteinemia.By Dr. S Tasleem Raza. Publisher Springer. 2020.
- Plant Neoflavonoids: Chemical Structures and Biological Functions.By Dr.Mohammad Faheem Khan. Publisher Plant-derived Bioactives.2020
- Bioflavonoids as Promising Antiosteoporotic Agents. By Dr.Mohammad Faheem Khan. Publisher Plant-derived Bioactives .2020
- Chromenes : Phytomolecules with Immense Therapeutic potential. By Dr.Mohammad Faheem Khan. Publisher Plant-derived Bioactives. 2020
- Women Studies: An Emerging Trend in Higher Education. By Dr. Rupali Mirza. Publisher Educreation Publishing.2021
- 100 Cases in Pulmonary Medicine. By Prof. Rajendra Prasad Publisher Jaypee Brothers.2020
- Yoga and Asthama.By Prof. Rajendra Prasad Publisher Amar Prakashan.2020

Intramural Research Projects

Fostering first professional student wellbeing during lockdown at Era's Lucknow Medical college, Prof. Farzana Mahdi, Department of Biochemistry.

Screening for blood lead levels in children in Najaf, Iraq, Dr. S. Mohd. Shiraz Rizvi, Department of Biochemistry.

Cognitive impairment in major depression, Dr. A. Q. Jilani, Department of Psychiatry.

A study on perception, attitude and quality of life in cases of scabies in rural areas of Lucknow, Dr. Syed Abid Asghar, Department of Community Medicine.

Evaluation of awareness and utilization of JSSK scheme and out of pocket expenditure in rural area of Lucknow district, Uttar Pradesh, Dr. Ariba Hasan, Department of Community Medicine.

Knowledge attitude and practices of adolescent girls regarding reproduction health in madrassas of district Lucknow, Dr. Ruby Khatoon, Department of Community Medicine.

Preparation and testing of Androgapholide nanoemulsion for circumventing multidrug resistant breast cancer in vitro and in vivo, Dr. Mohini Chaurasia, College of Pharmacy.

Comparative study of anticancer activities of Curcumin and Ar-Turmerone on breast cancer cell lines against Doxorubicin, Dr. Aparna Misra, Department of Biochemistry.

Gene expression of Androgen receptor, IGF-1 receptor and PSA gene in diabetic an non-diabetic prostate cancer patients, Dr. Anu Chandra, Department of Biochemistry.

Hands on training for donning and doffing of PPE using OSCE, Dr. Farzana Mahdi, Department of Biochemistry.

Development and Evaluation of an Interprofessional collaborative practice module for the Tracheostomy procedure, Dr. Anuja Bhargava, Department of ENT.

Association of single Nucleotide Polymorphism in IL-10, IFN- γ , CCR5, BDKRB2 & FC- γ RIIb genes with severity of SARS Cov-2 infection., Dr. Farzana Mahdi, Department of Personalize Medicine.

Comparison of Dexamethasone and Methylprednisolone on outcome in COVID 19 Patients: A retrospective cohort study, Dr. Madhulika Dubey, Department of Anesthesiology.

Efficacy of Tocilizumab Therapy in COVID Intensive Care Patients and its outcome, Dr. Mohd. Mustahsin, Department of Anesthesiology.

Study of convalescent plasma therapy and outcomes in moderate to severe Covid-19 patients: experience at a level 3 hospital of North India, Dr. Divyansh Bhatt, Department of Medicine.

Perception of Pediatric Clinical Training by Undergraduate Medical Students using Dundee Ready Education Environment Measure (DREEM) questionnaire, Dr. Geetika Srivastava, Department of Pediatrics.

Study of immune response to hepatitis B vaccine in children with Nephrotic Syndrome (NS) – a multicentre study, Dr. Geetika Srivastava, Department of Pediatrics.

Psychological problems, knowledge, attitude and practices of patients being treated for COVID-19: A cross-sectional study in India, Dr. A. Q. Jilani, Department of Psychiatry.

To study the association between decision to delivery interval in emergency caesarean section and evaluate its maternal and perinatal outcome .,Dr. Fareha Khatoon, Department of Obst & Gynae.

Molecular Characterization of Candida Species from Clinical Samples, Dr. Mastan Singh, Department of Microbiology.

Relationship between the ABO Blood Group and the COVID-19 Susceptibility, Dr. Sharique Ahmad, Department of Pathology.

C-Reactive protein concentration and its co-relation with severity in COVID pediatric patients., Dr. Lily Singh, Department of Pediatrics.

Hepatic and renal functions in Pediatric COVID-19, admitted to a Tertiary Teaching Hospital, Dr. Sumaiya Shamsi, Department of Pediatrics.

Correlation between persistent squamous intraepithelial lesions of cervix and human papilloma virus infection, Prof. A. N. Srivastava, Department of Pathology.

BCG vaccine local reaction after administration of f-IPV, rotavirus and pneumococcal vaccine under the national immunization schedule, Dr. Lily Singh, Department of Pediatrics.

Elucidating post-covid-19 manifestation in India, Dr. Farzana Mahdi, Department of Personalized Medicine.

Internalized stigma coping strategies and functioning in remitted bipolar disorder., Dr. Shantanu Bharti, Department of Psychiatry.

Evaluation of awareness and utilization of JSSK scheme and out of pocket expenditure in rural area of Lucknow district, Uttar Pradesh, Dr. Ariba Hasan, Department of Community Medicine

EXTRAMURAL RESEARCH PROJECTS

Dr. Saurabh Srivastava

Development of Pembrolizumab based Cancer-Immunotherapy combined with Cisplatin Loaded Nano-Carrier System for Oral Cancer chemotherapy. ICMR 2019 Rs3750000/-, Progress: Running.

Dr. Sahabjada

Anticancer potential of active compounds from pulp extracts of Indian phalsa (*grewia asiatica L.*) fruits against human oral squamous cell carcinoma and their possible mechanisms. ICMR 2020 Rs310000/-+ SRF, Progress: Running.

Fellowship: ICMR SRF-2021

Sr. No.	Funding Agency	Title of the project	Student Name	Guide
1.	ICMR-SRF	Osteogenic and chondrogenic potential of daucus carota extract and their osteochondral interaction on primary culture of osteoblasts and chondrocyte cells	Mr. Khursheed Ahmad	Dr. Sahabjada
2.	ICMR-SRF	Unraveling the role of clinico-genetic correlation in North Indian women with fibromyalgia syndrome	Ms. Sidrah Parvez	Dr. Ghizal Fatima

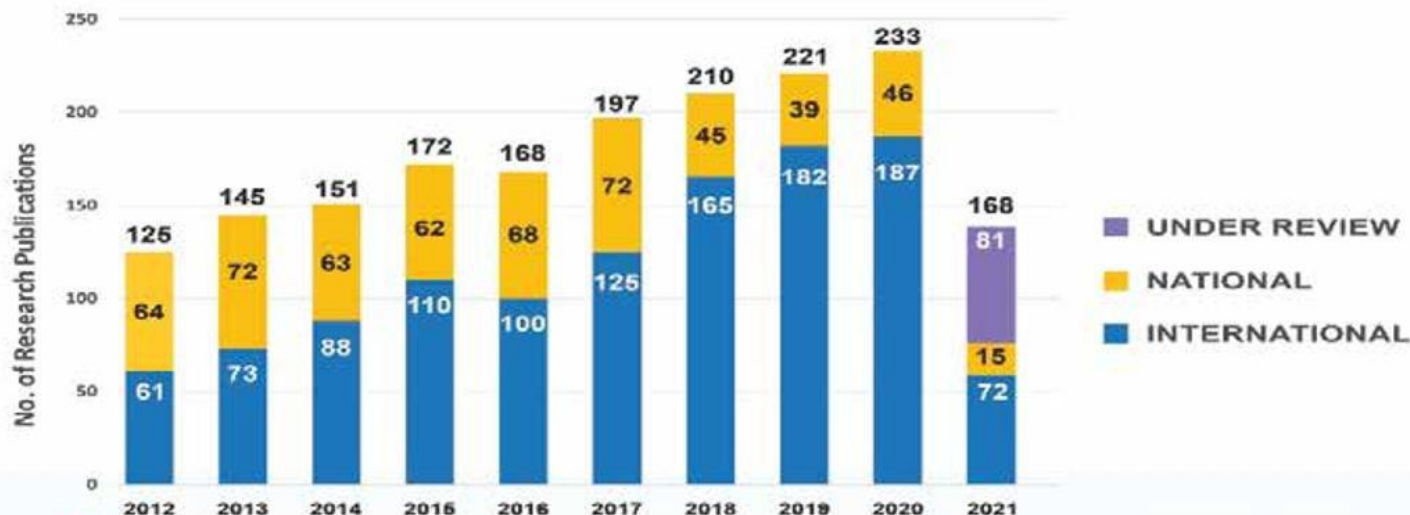
EXCELLENCE IN RESEARCH

In 2016, the leading British journal *Lancet* reported that just 4.3% medical institutions in India were publishing more than 100 research articles a year. It also stated that the research published by these institutes made up 40% of the total publications done by Indian medical institutes.

According to an article published in *The Times of India* in April, 2016, 332 out of the 576 medical institutes have failed to produce even a single research paper.

Since 2012, Era's Lucknow Medical College & Hospital is consistently publishing more than 100 research articles in the National and International peer reviewed journals and also Era's Lucknow Medical College & Hospital has the honour of being amongst the top 4.3% Indian Medical Institutes that are most actively contributing in the field of medical research.

Annual Research Publications at ELMC



Note: In the year 2021 total 87 (72 International and 15 National) research papers have been published and more than 81 papers are under review till 1st July 2021.

A TOP RANKING MEDICAL INSTITUTE - SURVEY - 2020

Since 2013, Era's Lucknow Medical College and Hospital (ELMC&H) is consistently being ranked amongst India's top medical colleges in surveys done by *The Times of India*, *India Today*, *The Week* and *Outlook India*.

The average age of 24 colleges ranked up to 25 is 82.41 years old whereas Era's Lucknow Medical College and Hospital is 18 years old as by outlook survey 2019.

ELMC is in fact the youngest private institute to have been ranked amongst the top medical colleges of India.

In the year 2019, Era's Lucknow Medical College and Hospital (ELMC&H) has achieved top most rankings in various standard surveys across India.

Era's Lucknow Medical College have once again secured Top Rank in the Surveys Conducted by *India Today*, *Outlook* and *The Week* in 2020 as a Top Ranking college in India among both Government and Private Medical Colleges.

At Era we have always worked for the cause and never for the praise. Such accolades only motivate us to do even better. Great team work has brought us this far and will take us further.

All of this is due to ELMC's culture of research, innovation and quality.

2nd **INDIA TODAY**
Best Emerging Private Medical College in India

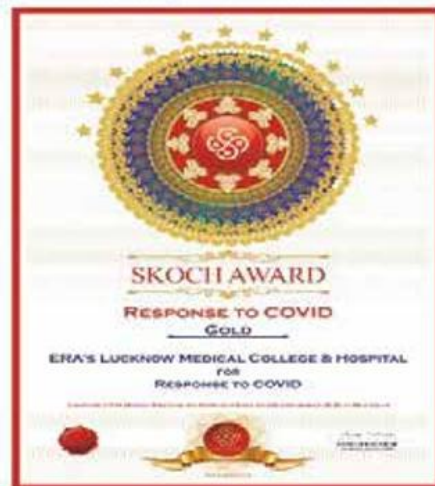
3rd **THE WEEK**
Private Medical College of North Zone in India

10th **THE WEEK**
Private Medical College in India

17th **Outlook**
Among all Private Medical Colleges in India

SKOCH AWARD

We are delighted to share that Era's Lucknow Medical College and Hospital has received the SKOCH award in Gold Category for its response to COVID.



GUEST LECTURES YEARS 2019-20-21

Sr. No.	Name of the Guest Speakers	Institute of the Speaker	Title of the Guest Lecture	Date
1.	Acharya Sri Krishna Mohan	Lucknow	Sanctity of doctor patient relationship	5.9.2020
2.	Maulana Meesam Zaidi	Lucknow	The role of a doctor in the society and in the doctor patient relationship	5.8.2020
3.	Dr. Rajesh Kunwar	Department of Community Medicine, TSM College Lucknow	How to do Critical Evaluation of research Article	17.01.19
4.	Dr. Mohsin Raza	Secretary & Trustee "Society for Breast Cancer Awareness Program"	Breast Cancer Awareness amongst Indian Women	15.05.19
5.	Dr. Garima Mehrotra	Advance in Hair and Laser centre, Lucknow	Thread lifts and Botox	25.5.2019
	Prof. R.K. Dixit	King George's Medical University, Lucknow	Happiness & you	31.05.19
6.	Dr. Farah Rizvi	Clinical Psychologist, Lucknow	Being well while being a doctor	01.06.19
7.	Dr. Faizan Haider Khan	Lambe Institute for Translational Research, School of Medicine, National University, Ireland	Investigating the Role of RD3 Loss in High Risk Aggressive Neuroblastoma and Poor Clinical Outcome	12.06.19
8.	Dr. Shivayogi Bhusnurmth	Saint George's University school of Medicine , Grenada	Prospects of Medical studies abroad	26.06.19
9.	Dr. Shivayogi Bhusnurmth	Saint George's University school of Medicine , Grenada	Concept of artificial intelligence and modifying teaching labs	27.06.19
10.	Dr. Shivayogi Bhusnurmth	Saint George's University school of Medicine , Grenada	Concept of Mapping and interaction	28.06.19
11.	Mr. Joeb Tayyabji	Contractor, Proprietor Taarmal Bio Herbal Care, Pune	Role of Herbal Supplements in Cancer Therapy	10.07.19
12.	Ms Gurbani Kaur	Amity University, Lucknow	Effective Teaching Methods: Well Being and Happiness	26.8.2019

13.	Dr. (Prof) M.L. Bhatt	King George's Medical University, Lucknow	Healthy Lifestyle	12.09.19
14.	Dr. Suhail Rasool	Neurodegenerative Disease Drugs Discovery centre, San diego, California, USA	Neurodegenerative Disease	28.09.19
15	Justice Shabihul Hasnain	High Court, Lucknow	A guest lecture on Faith, Belief and Happiness	28.9.2019
16.	Dr. Abhinav Pandey	Department of Psychiatry, Hind Medical College, Barabanki	World Mental Health Day- Suicide Prevention	10.10.19
17.	Dr. Siddharth Kumar Das	Department of Rheumatology, ELMC&H, Lucknow	Glance of Rheumatology	12.10.2019
18.	Dr. Saif Ahmad	Phoenix, USA	Role of C3aR antagonism in stroke	15.10.2019
19	Dr. Ashish Yadav	Johns Hopkins Bloomberg School of Public Health Baltimore, USA	Research inside and outside	18.10.2019
20.	Prof. Sahab Uddin Khan	Translational Research Institute, Hamad Medical Corporation State of Qatar	Targetting of JAK/STAT-signaling pathway by dietary compound sangulnarine via generation of reactive oxygen species in multiple myeloma	02.11.2019
21	Dr. Vikram Datta,	Lady Hardinge Medical College , New Delhi	Quality Improvement in Patient Care	15.11.2019
22	Dr. Sudhir Jain	Maulana Azad Medical College, New Delhi		22.11.2019
23	Dr Rupali Mirza	Karamat Girls P.G. College, Lucknow	Interface on Effective Communication Skills	22.06.2021
24	Dr Rupali Mirza	Bhupal Nobles University, Udaipur	Toolkit for Effective Communication	20-31 Jan, 2021
25.	Mrs. NeelamYadav	Era College of Pharmacy, Era University Lucknow	3D Printing in Drug Delivery; Hype or game Changer	3.07.2020



Winner of the prestigious
SKOCH Award (Gold) 2020, for
the exemplary contributions
during COVID 19 pandemic



Excellence in Academics
Conducive Learning Environment
Innovative Teaching Methodology

Era's Lucknow Medical College and Hospital has been Ranked Among the Top Medical Colleges of India

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COURSES OFFERED

MEDICAL

- M.B.B.S
- M.D & M.S
- PDCC & Fellowships

NURSING

CERTIFICATE COURSE

- Certificate course in Infection Prevention & Control (8 weeks)

DIPLOMA

- Auxiliary Nursing & Midwifery (A.N.M. 2 Yrs)
- General Nursing & Midwifery (G.N.M. 3 Yrs)

BACHELOR OF SCIENCE (B.Sc.)

- Bachelor of Nursing (B.Sc. 4 Yrs)
- Post Basic Bachelor of Science in Nursing (P.B.B.Sc. 2 Yrs)

MASTER OF SCIENCE (M.Sc.)

- Medical Surgical Nursing
- Paediatrics Nursing
- Obstetrics and Gynaecology Nursing
- Psychiatric Nursing
- Community Health Nursing

COMPUTER SCIENCE

- Master in Computer Application (M.C.A. 2 Yrs)
- Bachelor in Computer Application (B.C.A. 3 Yrs)
- B.C.A. with PG Diploma in (4 Yrs)
- Game Design & Development
- Animation & Multimedia
- VFX & Rotoscopy
- UI Design & Development

LIBERAL ARTS & SCIENCES

- Multidisciplinary B.A. / B.Sc.

MANAGEMENT

- Master in Hospital Administration (MHA)

MEDICAL & ALLIED SCIENCES

DIPLOMA

- C.T. / M.R.I. Technician
- Cardiology Technician
- Medical Laboratory Technician
- Operation Theatre Technician
- Dialysis Technician
- X-Ray Technician
- Optometry Technician
- Anesthesia and Critical Care Technician
- Audio and Speech Therapy Technician
- Tuberculosis Programme Management and BCG Technician
- Respiratory Technician
- Minimal Access Surgery Technician
- Neonatal Care Technician
- Orthopaedic and Plaster Technician
- Orthotic and Prosthetic Technician
- Emergency and Trauma Care
- Interventional Radiology
- Physiotherapy
- Nutrition and Health Education

BACHELOR OF SCIENCE (B.Sc.)

- Optometry
- Physiotherapy
- Radiological Imaging Techniques
- Medical Laboratory Techniques

MASTER OF SCIENCE (M.Sc.)

- Radiological Imaging Techniques
- Medical Laboratory Techniques
- Optometry
- Physiotherapy
- Medical Physiology
- Medical Biochemistry
- Medical Microbiology
- Medical Pharmacology
- Medical Anatomy

MASTER OF SCIENCE (M.Sc.)

- Clinical Psychology

SCIENCES

BACHELOR OF SCIENCE (B.Sc.)

- Nutrition
- Health Science
- Biotechnology

MASTER OF SCIENCE (M.Sc.)

- Food & Nutrition
- Biotechnology

PHARMACY

- D.Pharma
- B.Pharma

Ph.D PROGRAMMES

- Medical Anatomy
- Medical Biochemistry
- Medical Microbiology
- Medical Physiology
- Medical Pharmacology
- Molecular Medicine
- Pathology
- Biotechnology
- Biochemistry
- Neuroscience
- Nursing
- Chemistry
- Pharmacy
- Physiotherapy
- Public Health
- Food & Nutrition
- Clinical Psychology
- Molecular Biology and Genetics
- Nanoscience and Nanotechnology
- Stem Cell Biology and Regenerative Medicine

Era University Innovating its way through COVID-19