





SJMC shines in ICAN 4 organized by Delhi Metropolitan Education in collaboration with K.R. Mangalam University

Faculties and students from the School of Journalism and Mass Communication (SJMC), K.R. Mangalam University (KRMU), Gurugram were the cynosures of all eyes during the fourth edition of the International Conference 'ICAN' organized in virtual mode by Delhi Metropolitan Education (DME) in collaboration with Deakin University, Melbourne, Australia from July 01 to 10. 2021. KRMU was also the knowledge partner of the event.

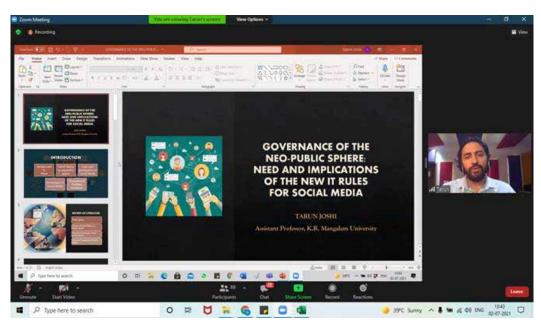
ICAN 4 witnessed a panel discussion on the theme 'Artificial Intelligence: Transforming Media Industry Landscape' moderated by Prof Kiran Bala, Dean of SJMC, KRMU. Vice-Chancellor of KRMU, Prof P Prakash, also graced the event.

SJMC Assistant Professors, Mr. Tarun Joshi and Ms. Ritika Saxena made individual research presentations. Ms. Shikha Sharma, Assistant Professor, SJMC co-chaired a technical session during the conference. BAJMC students Ms Lakshita Kandpal and Mr Ankit Singh received 'Best Paper' awards for their individual presentations.

Media scholars, researchers, and media professionals from five continents and 11 countries participated in the 10-Day conference.

The conference was supported by the Indian Council of Social Science Research and The Policy Time was its media partner.

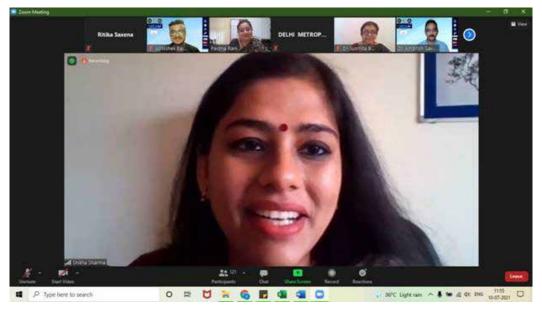




SJMC Assistant Professors Mr Tarun Joshi and Ms Ritika Saxena gave informative presentations.



A panel discussion on 'Artificial Intelligence: Transforming Media Industry Landscape' was conducted.



A wide range of media professionals from 11 countries participated in the conference.

SOED Conducts Facebook Live Session on 'QUALITY PERSPECTIVE OF TEACHER EDUCATION IN THE LIGHT OF NEP-2020'

About the Event:

The School of Education (SOED) at K.R. Mangalam University conducted a Facebook live session on 'Quality Perspective of Teacher Education in the light of NEP 2020.' The keynote speakers of the event were Prof. (Dr) Amit Kauts, Dean, Faculty of Education, Guru Nanak Dev University, Amritsar, Prof. (Dr) Dhananjay Joshi, Dean, School of Education, GGSIP University, New Delhi, and Prof. (Dr) Saroj Yadav, Former Dean Academics, NCERT, New Delhi. The session was quite interactive and discussions over topics like Existing Teacher Education, Curriculums, Pedagogical Practices, Patterns of Evaluation and Teaching-Learning Resources in the light of NEP 2020 were conducted. India can be transformed into a knowledge superpower and the Indian Education System can be improved to a great extent by the implementation of sufficient measures.



1. Keynote Speaker: Prof. (Dr.) AmitKauts

Dean, Faculty of Education, Guru Nanak Dev University, Amritsar



2. Keynote Speaker:

Prof. (Dr.) Dhananjay Joshi

Dean, School of Education, GGSIP University, New Delhi



3. Keynote Speaker:

Prof. (Dr.) Saroj Yadav

Former Dean Academics, NCERT, New Delhi

Open House Discussion On 'THE DESTINY OF INDIA IS BEING SHAPED IN HER CLASSROOM'



Keynote Speaker:

Prof. (Dr.) R.G. Kothari

Former Vice-Chancellor, Veer Narmad South Gujarat University, Surat India's future is in classrooms. Nothing else can be more right than getting the right kind of education. Teachers play a pivotal role in Nation building. The event aimed to highlight the importance of Teaching as a profession. It was an interactive session conducted with the focus of discussion over topics like Teacher Education and Existing Practices, Demand and Supply of Teachers, Role of Teacher for Nation Building

Open House Session on 'Media in the Digital Age' organised at SJMC

On August 17, 2021, School of Journalism and Mass Communication (SJMC) at K.R. Mangalam University hosted an Open House Session on 'Media in the Digital Age.'

The webinar's resource people included Dr. Alpana Suhasini, an anchor on AIR and Doordarshan, Ms. Ritu Singh, author of 'Stark Raving Ad,' and Ms. Prashasti Shandilya, correspondent at CNN News 18.

In the one-hour-long webinar, the speakers emphasized the changes that have occurred in the media industry as a result of the introduction of digital platforms. They also urged ambitious young media professionals to keep evolving with the times in order to make a name for themselves in the industry.



SJMC Organized FB live on 'Let's Talk Filmmaking'

School of Journalism and Mass Communication (SJMC) at K.R. Mangalam University hosted a Facebook Live event titled "Let's Talk Filmmaking" On August 31, 2021,

During the live interaction, Prof Kiran Bala, Dean SJMC, and Mr. Tarun Joshi, Assistant Professor, discussed the peculiarities of filmmaking, which were well received on the social media platform.

Mr. Joshi began the conversation by discussing his experience in production before highlighting the distinction between fiction and non-fiction films. He also clarified the distinctions between commonly misunderstood terms such as videos, films, and movies.

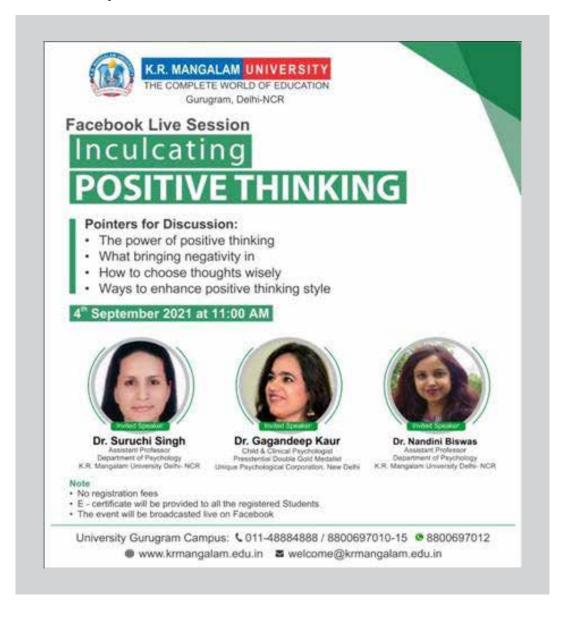
Later in the session, Prof Bala and Mr. Joshi highlighted the significance of understanding technical aspects in order to pursue a career in filmmaking. Ms. Ritika Saxena, Assistant Professor, moderated the highly interactive session.



Department of Psychology, K. R. Mangalam University organized a Facebook live webinar on the topic "Inculcating Positive Thinking" on 4th September 2021 at 11:00 am. The webinar was attended by students from various schools and departments at the university. Students studying Psychology, Economics, Engineering and Law, all participated in the webinar enthusiastically and helped to make it very interactive and more interesting.

The speaker for the webinar was Dr. Gagandeep Kaur (Child and Clinical Psychologist at Unique Psychological Corporation, New Delhi) and the session was moderated by Dr. Suruchi Singh (Assistant Professor, Department of Psychology, K. R. Mangalam University) and Dr. Nandini Biswas (Assistant Professor,

Department of Psychology, K.R. Mangalam University). The Speaker discussed the concept of positive thinking and its power and how positive thinking doesn't mean you ignore reality or make light of problems. It simply means you approach the good and the bad in life with the expectation that things will go well. The speaker also discussed about the origin and causes of negative thinking and how negative thinking can be brought about by over- thinking, disqualifying yourself, setting unrealistic expectations, unhealthy lifestyle, lack of self-confidence etc. Towards the end, the speaker shared certain ways that can help to inculcate positive thinking like listening to your internal dialogue, interacting within positive environments and with positive people, volunteering and practicing self-love.



Story Telling and Poetry Recitation Competition



he Rhetoric organized an Inter ■ University Competition for the Edude fest 2021. The competition was organised on 8th September, 2021 under the charge of Ms. Kanika Joshi (Assistant Professor and Club In Charge) and Ms. Manisha Nayyar (Assistant Professor SOHS). 10 students participated in the event and brought interesting stories and beautiful poems on the platform. The event was judged by Dr. Shivani Wadhwa(Assistant Professor SOHS). Ms. Simran, Ms. Saanchi and Mr. Anupam got the first, second and third position respectively. Overall, it was a successful event as gauged by the enthusiasm of both students and faculties.

MODEL UNITED NATIONS CLUB

MONSOON SESSION:

PEGASUS VIRUS-RESPONSE OF DIFFERENT COUNTRIES REPORT

The Model United Nations Club organized an Inter University Competition for the Edude fest 2021. The competition titled Monsoon Session: Pegasus Virus- response of different countries was organized under the charge of Ms. Shrutika Lakshmi (Assistant Professor and Club In Charge) with assistance of Dr.Sourabh (Assistant Professor SOAS) and Dr. Khushboo Singh (Assistant Professor SOAS). 10 students participated in the event and brought interesting points on cyber security in different countries of the world. Mr.Manav Mishra was awarded the High commendation, Ms.Nandini Jha the Best Delegate, Ms.Rashika Ranjan got the Verbal mention and Ms. Arshiya received the Special mention at the event. Overall, it was a successful event as gauged by the enthusiasm of both students and faculties.

Open House Discussion on 'Why Choose Humanities'

School of Humanities organized an open house session on the topic "Why choose Humanities?" The session was moderated by Dr.Sheeelpa Sweety (Assistant Professor SOHS) and Ms. Shrutika Lakshmi (Assistant Professor, SOHS). The Guest speaker- Dr.Tanuja Kothiyal, Professor of History at School of Liberal Studies at Ambedkar University, enlightened students about the career opportunities and benefits of choosing humanities at University level.

Ten Days webinar series on "Mental Health & Well Being around the World during COVID-19" from 7-16 July 2021 by Department of Psychology, SOHS

The Department of Psychology, School of Humanities, K.R. Mangalam University organized a Ten- day webinar series on the theme "Mental health and well-being around the world during Covid-19" from 7th July –

16th July 2021. The webinar series featured experts from India as well as abroad, who discussed about various informative topics related to psychology, mental hygiene and mental health during COVID -19. The speakers focused on how people in direct contact of this virus have a higher chance of getting PTSD, Major Depressive Disorder, Anxiety disorder, and OCD. Speakers also discussed in detail about effect of COVID 19 pandemic on OCD patient, reason why OCD patients are at more risk, pharmacological and psychological management of OCD during COVID -19. They also shared valuable tips regarding how we can preserve our mental hygiene and well being during pandemic, for instance, by being kind to ourselves, maintaining a routine, taking out time for activities you enjoy, exercising and practicing relaxation techniques.





K.R. Mangalam University's School of Journalism and Mass Communication (SJMC) celebrated Hindi Diwas with zeal on September 15, 2021, the 68th anniversary of the adoption of Hindi as an official language.

During the two-hour programme, SJMC students and faculty recited quintessential poems and delivered powerful speeches in Hindi, in addition to participating in a variety of interesting and insightful competitions such as quizzes and debates.

Prof Kiran Bala, Dean of SJMC, spoke on the occasion and highlighted the importance of Hindi in nation building, urging students to write and speak the language with pride.

Shikha Sharma, Assistant Professor and event convenor, stated that the event aimed to raise awareness about the importance of Hindi among the youth. "It's such a lovely language." Great Hindi writers such as Harivansh Rai Bachchan and Mahadevi Verma, to name a few, have had a global following. "We tried to emphasize the importance of recognizing Hindi as the national language through this event," she said.





Open House Discussion On 'EMPOWERED TEACHERS: EMPOWER VIBRANT SOCIETY'



Keynote Speaker: Prof. S.K. YadavFormer Head, Department of Teacher Education, NCERT. New Delhi

About the Event: Teaching is a profession that created all other professions. Happy teachers create happy learners. Empowered teachers are the one who has an overall vision of 21st century learning and demonstrates skills of personalization, collaboration, communication, informal learning, meta-cognition, productivity, content-creation, initiative, teamwork, resilience, responsibility, risk-taking, creativity, empathy, and compassion. The COVID-19

has provided opportunities to teachers to enhance their digital skills. In light of the NEP, 2020 reforms are much required in teacher education curriculum and pedagogy. It was an interactive session conducted with the focus of discussion over topics like Teacher Education: Present Practices and Future Need, NEP 2020 & Quality Concerns, Teacher as an agent of Social Change.

PROF. (DR.) MOOL CHAND SHARMA VIRTUAL INTER-UNIVERSITY MOOT COURT COMPETITION, 2021

oot Court Committee, School of Legal VI Studies of K.R Mangalam University (Dr.) Mool organized an Prof. Sharma Virtual Inter-University Moot Court Competition on 24th & 25th September 2021 via Microsoft Teams. (Late) Prof. Dr. Mool Chand Sharma was a distinguished Professor of Law at the University of Delhi and was the founder Vice-Chancellor of Central University of Haryana. He is widely known amongst scholars and legal fraternity more a thought activist, institution builder and a teacher who inspires and motivates.

The event saw participation from institution all over India. An exceptional number of 25 teams with a total of 85 students participated in the preliminary round. The preliminary round was divided in 3 links and each round was adjudged by 2 Judges each. The preliminary round held on 24th September 2021.

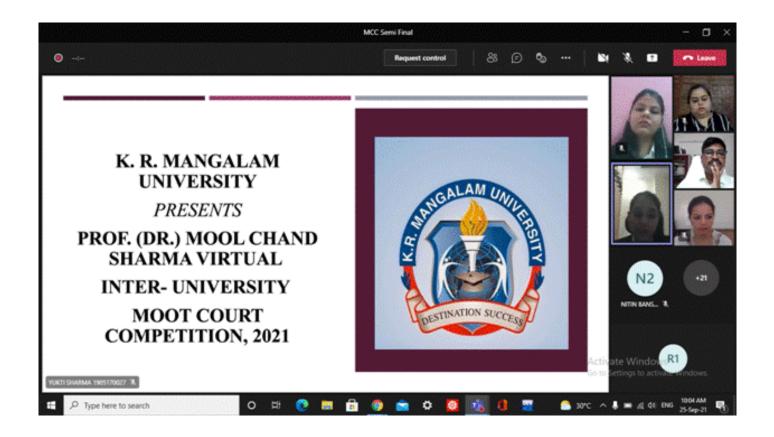
JUDGES FOR PRELIMINARY ROUND

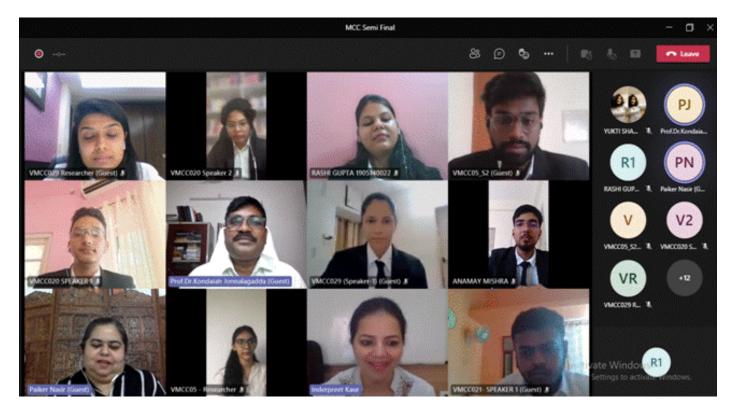
 Adv. Shrutika Vats, Member of District Bar Association, Gurugram Adv. Munmun Goyal

- Practicing for more than 10 yrs. before SC, HC & all District Courts in Delhi NCR, also worked with various police bodies, NGOs & national commissions.
- Mr. Naresh Mahipal, Associate Professor at Faculty of Law, University of Delhi & is a member of Legal Aid Committee & Law Center 2.
- Mr. Subir Sharma, Associate Professor at National University of Study & Research in Law, Ranchi.
- Ms. Farah Minaj, Working in Amity University since 2018, also organizing secretary at National Commission for Women
- Mr. Dharamveer Yadav, Assistant Professor at K.R Mangalam University

The preliminary round was also a 'knockout round'. The participants were evaluated on the following points:

- Understanding of law & procedure
- 2. Application of Facts
- 3. Reference to memorials





- 4. Advocacy Skills, Court Craft & demeanor
- 5. Ability to answer question
- 6. Flow of Arguments

Out of all 25 teams, 4 teams qualified for the semi-finals which were held on 25th September 2021 via Microsoft Teams. The semi-finals were adjudged by a divisional bench comprising of Ms. Paiker Nasir & Prof. Dr. Kondaiah Jonnalagadda.

Ms. Paiker Nasir completed her graduation from NLU, Bhopal and post-graduation with a specializationinConstitutional&Administrative Law. She has been comprehensively involved designing curriculum, conducting conferences, & research on number of areas at National Judicial Academy (NJA).

Prof. Dr. Kondaiah Jonnalagadda-Professor of Law & Dean, Maharashtra National Law University, Aurangabad has more than 20 years of teaching & research experience. Prior to this, sir worked as Associate Professor of Law at NLU, Bhopal. Currently, he is member of General Council, Executive Council & Academic Council of MNLU-Aurangabad. He also published 2 books called- Security Law & Law Relating NRI Marriages.

In the semi-final round as well the participants were evaluated on earlier mentioned criteria. Out of 4 teams, 2 teams qualified for finals. Final round was adjudged by a divisional bench

also composed of Dr. Pawan Sharma & ACP Asrhdeep Singh Panwar.

Dr. Pawan Sharma has served Law Commission of India for about 3 decades in various capacities such as Additional Law Officer, Joint Secretary, Law Officer & Secretary to the Commission. Earlier this year, she was appointed as a Member of the Sexual Harassment Complaints Committee of Sri Venkateswara College, DU. Dr. Sharma has been a published author in many publications.

Arshdeep Singh Panwar, ACP of West District Delhi of Batch of 2019, has done his graduation from Campus Law Centre, University of Delhi. Sir has represented Delhi University at Harvard National Model UN at Boston, US

In the finals, each team was given 30 minutes for oral arguments and 10 minutes for rebuttal round. The final round witnessed various arguments from both appellant & respondent's side. At the end, there is only one winner. The result of the competition was declared via email. Afterwards, the both judges also addressed the audience & motivated the students to participate in events like these.

The best team was awarded with cash prize of Rs.-5000, best mooter was awarded with INR 1500/-& the best researcher was also awarded with Rs.-1500/-. Participation certificates was also provided to all the participants.

Facebook Live Session conducted by SOHS

Topic: Empowering Youth for Self-care and Mental Health through Spirituality

Department of Psychology, K.R. Mangalam University organized a Facebook live webinar on the topic "Empowering Youth for Self – Care and Mental Health" on 25th September 2021 at 11:00 am. The webinar was attended by students from various schools and departments at the university. Students studying Psychology, Economics, Engineering and Law, all participated in the webinar enthusiastically and helped to make it very interactive and more interesting.

The speaker for the session was Prof. Akbar Hussain (Former Dean Faculty of Social Sciences, Aligarh Muslim University, Aligarh) and the session was moderated by Dr. Nandini Biswas (Assistant Professor, Department of Psychology, K.R. Mangalam University). The Speaker discussed about the concept of Health Psychology and how it is a specialty area that focuses on how biology, psychology, behavior, and social factors influence health

and illness. He also focused on the importance of counselling and psychotherapy in treatment of mental illness and mood improvement, teaching important life skills and promoting factors of resilience. The speaker progressed by discussing about how industrial and organizational psychologists can also help to maintain a good mental hygiene of the staff at the workplace by resolving conflicts, opening communication channels, designing policies that benefit both employers and employees. Towards the end of the session the speaker shared certain tips on how the youth can be empowered in business and spirituality by helping them develop technical and life skills, providing them with tangible and intangible support, helping them set clear goals, allowing them to reflect on their body, mind and spirit and helping them to discover their passion and dreams.



Guest Lectures



Report on Faculty Development Program on 'Artificial Intelligence and Machine Learning: A need of an Hour'.

epartment of Computer Science and Engineering-School of Engineering and Technology, K R Mangalam University, Gurugram organized five days online faculty development program on "Artificial Intelligence and Machine Learning: A need of an Hour" held during 26-30th July, 2021. The objectives of the FDP are to train our faculty, researchers and technocrats to solve issues address by artificial intelligence and machine learning, creation of new knowledge, develop robust research echo-system in Machine Learning and AI. In this FDP, various architectures, techniques and algorithms of ML and AI and various advanced solutions created by professors of esteem universities and industries based on IT Sector, are to be incorporated for advanced knowledge for various technocrats for future applications. We have received registrations across India. Due to limitation of online platforms and smooth conductions of the FDP, we have selected only 13 delegates from various universities, colleges, industries across India and Abroad for the FDP. We have invited renowned and well-experience resource persons namely,

Dr. Pawan Whig , Vivekananda Institure of Professional Studies, New Delhi, Dr. Pradeep

Kumar, Maulana Azad National Urdu University, Hyderadad, Dr. Kiran Kumar- University of Petroleum and Energy Studies, Uttrakhand, Dr. Anand Nayyar- Duy Tan University- Vietnam, Dr. Sudhir Sharma- IITM, New Delhi, Dr. Vikas Thada- Amity University, Ms. Dikha- IBM, Mr. Sunil Kumar- University of Petroleum and Energy Studies, Uttrakhand, Dr. Minakshi Memoria- Uttranchal University, Uttrakhand, Dr. Yugal Kumar- Jaypee University, Mr. Gaurav Srivastav- Chandigarh University, Dr. Neelu Jyothi Ahuja- University of Petroleum and Energy Studies, Uttrakhand, Mr. Vishwas Soni- Samatrix headed the session of the faculty development program. The resource speakers have been shared their findings, facts, and demonstration of various new solutions developed by them using ML and AI in the area of healthcare, education, agriculture, Convolution neural network and computer vision, image processing, digital twins, Data Dimension reduction, clustering, detection and data visualization along with hands-on session. Various solutions have been demonstrated using technologies of Machine Learning and Artificial Intelligence by resource persons.

Faculty Development Program on 'Recent Trends in Renewable Energy'

To upgrade and revamp the knowledge of faculties, research scholar and industrial persons. A one-week Faculty Development Program (FDP) was organized at K R Mangalam University, Sohna Road, Gurgaon, over the theme of Recent Trends in Renewable Energy, from 02 Aug, 2021 to 06 Aug. 2021, on a virtual platform of Microsoft Teams Meet.

The FDP program received good response with more than 100 participants from various institutes/colleges. The FDP addresses present day trends prevailing in Renewable Energy Machineries and promotes student centric effective teaching-learning pedagogy among the participants. This course was aimed for teachers who are teaching various disciplines of science and engineering subjects in colleges or Universities.

Resource Persons from reputed academic institutions like Aarhus University (Denmark), Curtin University (Malaysia), Association of Cultivation of Science (Kolkata), National Institute of Solar Energy (Gurugram), Anna

University (Chennai), Delhi **Technological** University (New Delhi). Government Engineering College Patan (Gujarat), National Institute of Technology (Hamirpur), KLEF Chandigarh University University (A.P.), (Chandigarh), Northcap University (Gurugram) have contributed their research findings and expertise. Amix blend of a cademics and industry having capability in the different relevant areas related to the programme contributed in Faculty Development Programme

The Programme also intends to develop the knowledge of participants in various engineering field such as: E-vehicles, simulation with advanced software in the relevant field for inculcating learning values in students and guiding and monitoring their progress. The FDP was attended by more than 60 participants averagely over daily sessions. Participants are faculty members of ECE, EE, CSE, IT, CE, Physics, Mathematics department and PG students.

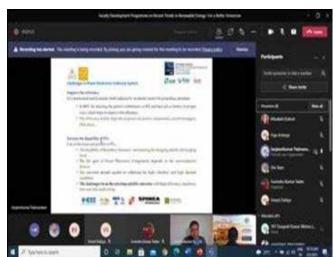
Day-1:

Session-1 (09:30 AM-11:00 AM)

Topic: Power Electronics in Electric Vehicles

Speaker: Prof. Sanjeevi Kumar Padmanaban Aarhus University, Denmark







Prof. Sanjeev deliberates his presentation over Power Electronics in Electric Vehicles. Existing market upgrades and advances upcoming are discussed. Basic working methodologies, software involved along with industrial collaboration has been briefed. Possible research scopes were briefed and also an open invitation to interested person to work over under the presented field was provided by the speaker. Session completed with student questions and talks.

Session-2 (11:30AM-01:00 PM)

Topic: Small Scale Wind Turbines for Sustainable Energy Generations

Speaker: Dr. Sukanta Roy, Curtin University, Malasiya





Under this session basics of wind turbines are briefed initially, followed by industries participating in generation and manufacturing wind turbines are detailed. Upcoming wind projects and existing potential was also briefed. It also provides information about research work carried in the field of wind propagation over major international cities such as Denmark. Technological up gradations required are also asked by the participants at the last.

Research opportunities in the speaker's field of research also opened up towards the session attendee.

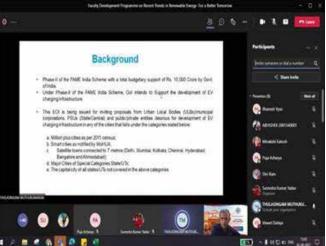
Session-3 (02:00 PM-03:30 PM)

Topic: EV chargers and retrofitting of EV Vehicles

Speaker: T. MuthuKumaran, NSIC, Hyderabad

T. MuthuKumaran, started with basic work which deals with making and problems emerged in EV Vehicles. So basic of existing electric vehicles are explained at start after that various technologies and research related to those technologies with specific to countries, was explained. Laboratory set up along with projects carried over the labs of retrofitting the bicycles with EV kit and EV type of charging stations were explained and provided in videos. Hence providing a better view of existing day technologies may proves to be very must boosting for the young scholars attending the session.







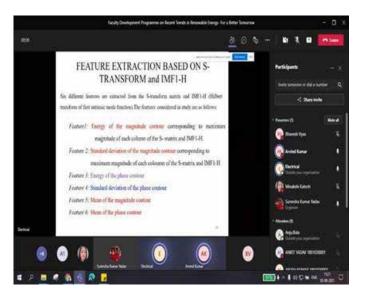
Day-2:

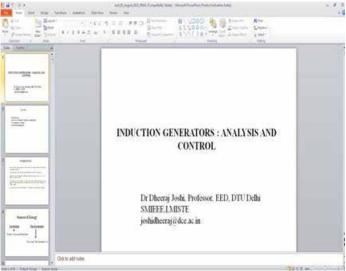
Session-1 (09:30 AM-11:00 AM)

Topic: Induction Generator: Analysis and Control

Speaker: Dr. Dheeraj Joshi, Delhi Technological University New Delhi

In this session conventional studies related to basics of Induction Generator and motor were concerned. The formulas guiding the equation and controls of motors are deliberated in presentation, the application of various search algorithms and nonlinear models using mat lab toolboxes were detailed and discussed. Many queries related to basics of Machine were discussed by the participants.



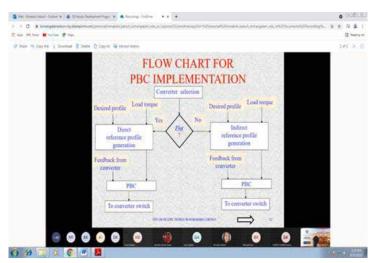


Session-2 (11:30AM-01:00 PM)

Topic: Design and Control of PE Converter

Speaker: Dr. Ganesh Kumar Srinivasan, Anna University, Chennai

The respective session starts with the introduction of power electronics converter and there role in re designing old topology based circuits. The speaker provided multiple research objectives present as per the need of time which could be work upon for research work at present. All these basics along with simulator models design and hardware prepared were shared by the resource person. Thus providing a real time glimpse to all the attendee of the session related to power electronics convertors working as real time.



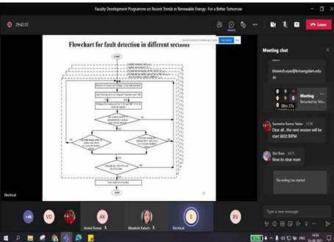
Session-3 (02:00 PM-03:30 PM)

Topic: Real Time Fault Detection in Offshore Wind Farm

Speaker: Dr. Rehana Parveen, Chandigarh University, Chandigarh

In this session the speaker provided up gradation of work carried in the field of power electronics commanded wind farms operations. Basic strategies were discussed those are guiding the process of adding renewables to the grid. Various fault type studies, software based models; converting electrical signals to electronics etc. all are briefed with real time simulations studies provided in presentation.





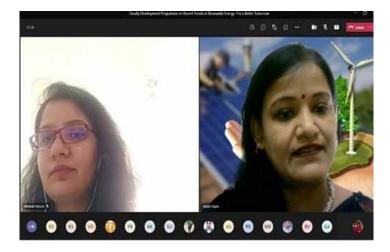
Day-3:

Session-1 (09:30 AM-11:00 AM)

Topic: Solar Power Plant Maintenance: A Challenge in India

Speaker: Dr. Arpita Gupta, DCE, Greater Noida

This session deals with the maintenance issues emerge during the working of solar sights. Various inspection and auditing measures required at solar generation sites were briefed. Requirements of materials at the site with respect to daily routine procedures were provided. Also industries dealing with inspection needs were elaborated with examples. Hence to occupy good set of materials and devices this session definitely capable to upgrade the industry persons connected during the session. Also the speaker was heading from industry so brief outlines from industrial point of view were shared during the time.





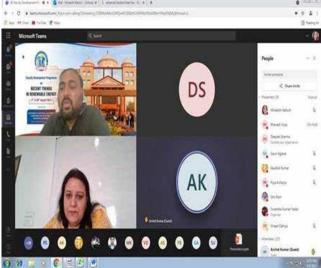
Session-2 (11:30-01:00 PM)

Topic: Importance of Phase Change Materials in Solar Thermal Applications

Speaker: Dr. Deepak Sharma, NIT Hamirpur, HP

This session conveys the resent trend of phase change materials required during real time projects work. As conventional utilization of materials need new material those could change their phase after certain modifications were briefed. The speaker talked about the thermal application of the solar plants and the impact of various phase changing materials in this field.





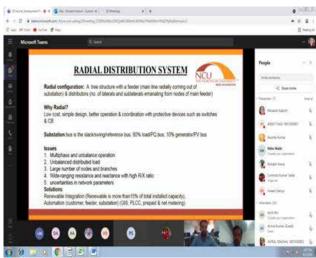
Session-3 (02:00 PM-03:30 PM)

Topic: Optimal Allocation of DG in Power Distribution Network

Speaker: Dr. Nitin Malik, Northcap University, Gurugram

In this session Optimal Allocation of DG in Power Distribution Network was conveyed. Implementation of different algorithms as per the sensitivity of a network was inspected and practiced using MATLAB software. Multiple objective based research studies were discussed with attendees of the session. To provide a holistic view of actual power system flows. Various scopes of research in respective field as per electrical vehicle and motor considered were elaborated.





Day-4:

Session-1 (09:30 AM-11:00 AM)

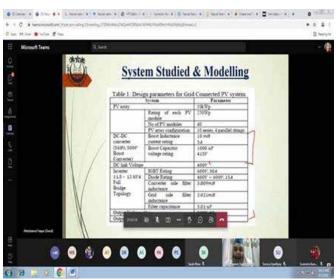
Topic: Soft Computing Based Islanding detection of Grid connected Solar Inverters

Speaker: Dr. Ahteshamul Haque, Jamia Milia Islamia, New Delhi

In the respective session actual demand based studies of Islanding detection of Grid connected Solar Inverters was introduced. Multiple projects set up and installation, laboratory equipment's was briefed all along the presentation. Various power converters and software deployed were discussed. Also comparison of input and output parameters considered in designing of new circuits as per research field was detailed with results.

Also participants got motivated in the direction of preparation of algorithm to inspect the islanding detection at grid level by monitoring specific parameters of power system.





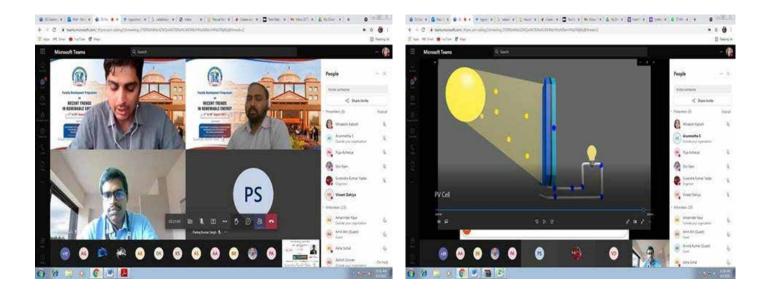
Session-2 (11:30-01:00 PM)

Topic: Harvesting Ambient Energy–Powering IoT

Speaker: Dr. S. Arunmetha, KLEF University Guntur, AP

He had discussed the Energy harvesting (EH) systems used for Internet of Things (IoT) devices and sensors will require better EH processes for fulfilling the energy demands in the future. Many stockholders are considering prospective EH processes. The prospective EH sources and strategies which can affect the energy generation process for IoT sensor nodes, have been discussed. The energy harnessing levels, collective structure, estimation of the collected energy levels, and ability of a harvester of every class and subclass have also been investigated.

Each energy source should display distinctive harnessing abilities and researchers should determine the extraordinary potential of different energy sources. He explained that there are many ways of detailed analysis of different EH models for determining the potential energy cycles for tackling issues related to an interrupted power supply for powering IoT nodes.



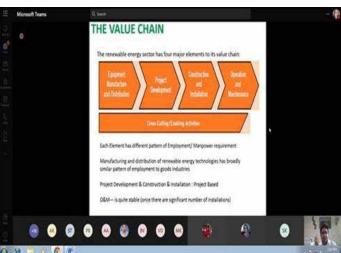
Session-3 (02:00 PM-03:30 PM)

Topic: Suryamitra

Speaker: Dr. Vikrant Sharma, National Institute of Solar Energy Gurugram

In this session the speaker initialized with the skill training facilities provided at their respective organization. Also upgrading of laymen's level intern persons to supervisory level were briefed out. Afterwards discussion over various government model projects and schemes favouring engineering society and workouts required were briefed. Modifications required in academic curriculum as per the practical demand is considered was outlined. Speaker also enlightens about the vast scope of jobs in operation and maintenance sector that will be going to come in upcoming market of power sector especially with reference to renewable energy is concerned.





Day-5:

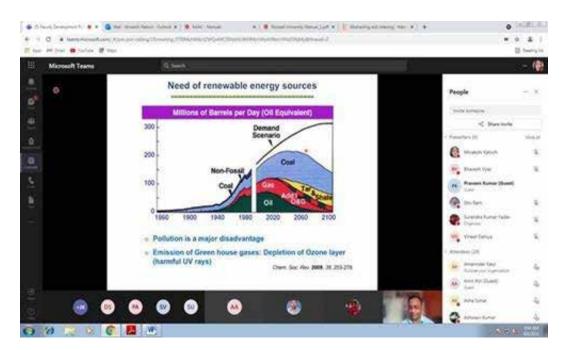
Session-1 (09:30 AM-11:00 AM)

Topic: Modified 2D Materials for Photoelectrochemical Hydrogen Generation Speaker: Dr. Praveen Kumar, Indian Association for the Cultivation of Science, Kolkata

In the respective session the speaker introduced the techniques to create hydrogen in the laboratory setup. Also importance of hydrogen with upcoming time and vehicles based on hydrogen fuels were briefed by the experimental work and pictures provided in the presentation. He has focussed on the nanotechnology and how the change in material change can change the characteristics of the material.







The session was full of experimental based studies and lots of future visions in field of hydrogen based studies at lower dc micro grid level were provided.

Session-2 (11:30AM-01:00 PM)

Topic: Research and Innovations on Solar Still

Speaker: Dr. Hitesh Panchal, Government Engineering College Patan, Gujarat





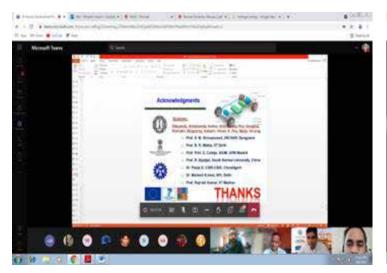
He has discussed the orientation of the glass cover depends on the latitude of the place. For northern latitude south facing and southern latitude north facing stills are used. The inclination of the cover is optimized for rate of condensation of water on the bottom surface of the cover and to collect it without the mass accumulated drops fall back into the basin. The glass cover temperature is reduced by a film of cooling water continuously flowing over the glass or intermittent flow of cooling water on the cover. The dependence of distillate output on water depth is a strong function of initial temperature of the water in the basin.

The productivity of the still decreases with an increase in depth of water during daytime and the reverse is the case of overnight production. The distillate output increases with increase of the initial water temperature in the basin. Performance of still is associated with thermal conductivity of cover material. He explained that the lower thickness of condensing glass cover is preferred and inclination of glass cover is very important for increase in productivity. He also focussed on the double-basin solar still coupled with vacuum tubes which gives higher yield.

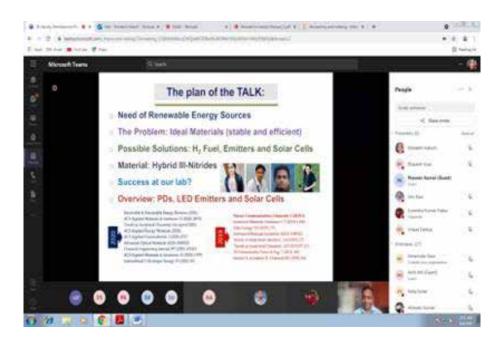
Session-3 (01:100 PM-02:00 PM): Test- Feedback and Valediction









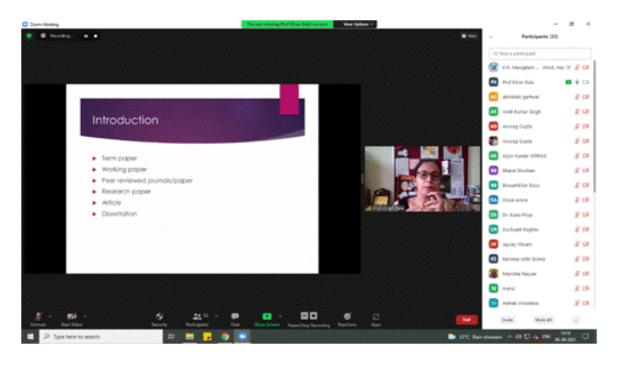


The 5 day long FDP concluded by discussing the reactions and withdraws from all the participants. Lastly vote of thanks put forwarded by Dean SOET Dr. Vineet Dahiya by put forwarding the key notes obtained from the complete duration of FDP.

The successful accomplishment of an event makes everyone's effort suitable. The feedback collected from the participants was very positive and motivational for the organizers. The test was conducted in this session and after that certificates were distributed. All the participants appreciated the resource person's knowledge and presentation they have deliberated. Moreover, all the resource persons were of repute in their respective fields and the knowledge imparted by them will be very useful for all of us in forthcoming academic endeavours. This Faculty Development Programme (FDP) fulfils its prime objectives to bring the faculties of different engineering, science and allied subjects onto one platform to update with the advances in the renewable energy technology and applications.

SJMC Conducts Workshop on 'How to Write a Research Paper'

Prof (Dr) Kiran Bala of the School of Journalism and Mass Communication lead an online workshop on 'How to Write a Research Paper' on August 6, 2021. Over forty people from a diverse group of academics, scholars, and students attended the live session.





This comprehensive session covered all of the important topics, which were thoroughly explained by Dr Bala. Narrowing a topic, Writing the Introduction, Review of Literature, Identifying research gaps, Research Designs and Methods, and Writing the Conclusion were some of the topics covered in the session.

The final part of the session was interactive. The participants asked a lot of questions. According to the participant feedback, the session was extremely informative and beneficial.

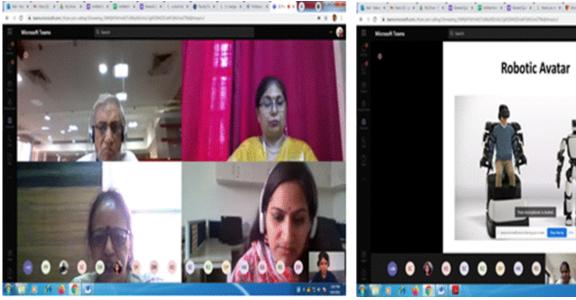
A REPORT ON THE FIVE-DAY FACULTY DEVELOPMENT PROGRAM 'RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY' ORGANIZED BY SCHOOL OF BASIC AND APPLIED SCIENCE

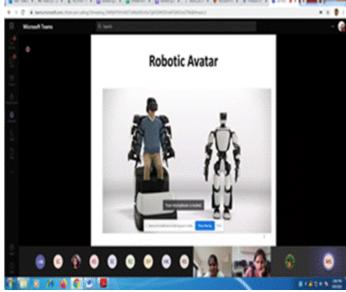
A five-day online Faculty Development Program on 'RECENT ADVANCEMENTS IN SCIENCE AND TECHNOLOGY (FDP-2021)' was successfully conducted by the School of Basic and Applied Sciences department, K. R. Mangalam University, Gurugram-122103, from 09 – 13 August 2021 (Monday - Friday) 1:00 pm - 3:30 pm through the Microsoft Team/ Zoom app. The FDP aims to provide opportunities to faculty members and research scholars to enrich their knowledge which will help their future research endeavours. The FDP received an overwhelming response from various streams where more than 50 participants all over India claimed to have benefited. In this FDP, there were a total of 9 technical sessions majorly on Robotics, Solar cells, Material Chemistry, Environmental chemistry, Data Analysis and Research Methodology.

DAY I (10/08/21):

The program was inaugurated by chief guest Prof. Pushplata Tripathi, Pro-Vice Chancellor, K. R. Mangalam University where she highlighted the importance of such programs for faculty members as well as researchers. The program was further facilitated by Prof. Krishan Lal, CV Raman Chair followed by a welcome address by Dr Meena Bhandari, Dean, School of Basic and Applied Science.

The resource person for the first-day session was Mr Mahip Singh, Assistant Professor (Mechanical), ITS Engineering College; Coordinator, New Gen IEDC, DST Govt. of India. The expert delivered the lecture on Robotics Applications and Their Commercialization. In this session, the keynote speaker emphasized the application of robots in different fields. He confirmed that the robot industry is a key field of the fourth industrial revolution and explained the development in the robotics field from World War-I to this day.

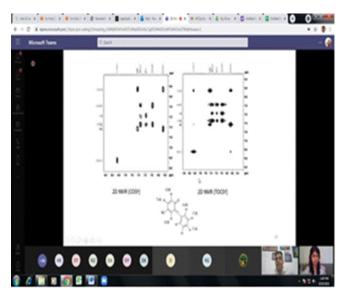


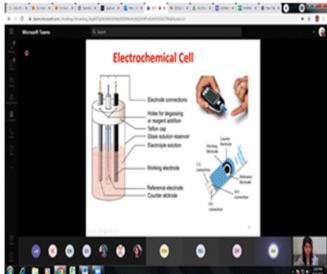


DAY II (10/08/21) Session I:

The second day of FDP included two informative talks—Role of Electrochemical Techniques in Research and NMR Spectroscopy: Theory and Application. The first talk was delivered by Dr Surender Kumar, Scientist at CSIR - Advanced Materials and Processes Research Institute (AMPRI), Bhopal, Madhya Pradesh. Dr Surender explained the role of electrochemical techniques in energy storage devices. These storage devices benefit from the fact that both electrical and chemical energy share the same carrier, the electron. This common point allows limiting the losses due to the conversion from one form to another. These techniques are also used in various fields, mainly in the biochemical, and the metal nanoparticles can also be synthesized instead of their detection.

The second session was given by Dr Vikas Verma, Associate professor, Department of Chemistry, GJU S & T, Hisar. He emphasized the role of NMR spectroscopy for the detection of molecular identity and structure of organic compounds like proteins, amino acids, etc. He started from the basics of spectroscopy and explained it on an advanced level where Medical practitioners employ magnetic resonance imaging (MRI), a multidimensional NMR imaging technique, for diagnostic purposes.



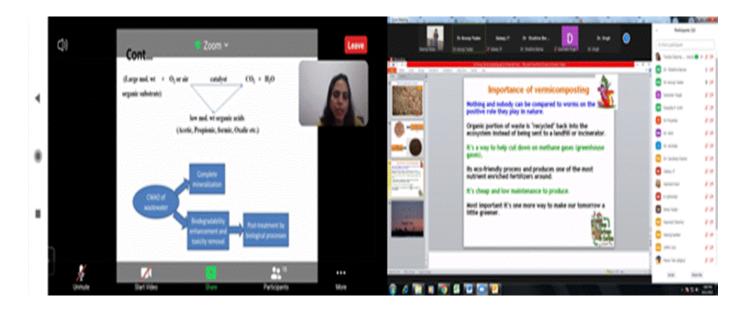


DAY III (11/08/21):

The keynote speakers for the third day were Dr Sushma Yadav and Dr Anoop Yadav where they taught about environmental sustainability to participants.

Dr Sushma Yadav is an Assistant Professor, Department of Vocational Studies and Skill Development, Central University of Haryana, Mahendergarh (India). She discussed the removal of toxic organic contaminants using advanced oxidation processes from water bodies. She explained various treatment processes like aerobic/anaerobic processes. Dr Yadav explained that advanced oxidation processes generally use hydroxyl radicals, the ultimate oxidant for the remediation of organic contaminants in wastewater. These are highly effective novel methods that speed up the oxidation process.

The second session was delivered by Dr Anoop Yadav, an assistant professor in the Department of Environmental Science, Central University of Haryana, Mahendergarh. He enlightened the participants on the management of solid wastes by vermicomposting. He elaborated on the topic of Vermicomposting that said that it is a better idea to control solid waste management. It enables us to reuse, recycle, and reduce waste. He told the participants that Mumbai city is on the top for creating the waste followed by Delhi, Kolkata, Chennai etc. Dr. Yadav also discussed that there is only 26% waste management in Asia.



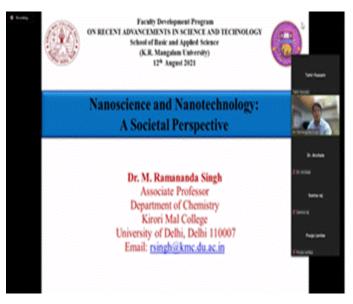
DAY IV (12/08/21):

Fourth day of the program included the talk on Nanoscience and Nanotechnology: a societal perspective and Tandem Solar Cell: Future of Solar Photovoltaic.

The first keynote speaker on the fourth day was Dr M. Ramananda Singh, Associate Professor, Department of Chemistry, Kirori Mal College, University of Delhi, New Delhi. Dr Singh focused on the importance of nanotechnology in different fields. He explained that nanotechnology is helping to considerably improve, even revolutionize, many technologies and industry sectors: information technology, homeland security, medicine, transportation, energy, food safety, and environmental science, among many others. He also discussed some of his work where he synthesized some CuO based nanoparticles for the generation of oxygen which is a basic requirement of today's time.

The second lecture was delivered by Dr Rahul Pandey, Assistant Professor, Chitkara University Research and Innovation Network, Chitkara University, Punjab. In this session, Dr Pandey provided valuable insight on the manufacturing of Tandem solar cell and their application.

He confirmed that Tandem solar cells can either be individual cells or connected in series when they are in series, simple to fabricate but the current is the same through each cell so this contains the band gaps that can be used. The most common arrangement for tandem cells is to grow them monolithically so that all the cells are grown as layers on the substrate and tunnel junctions connect the individual cells.



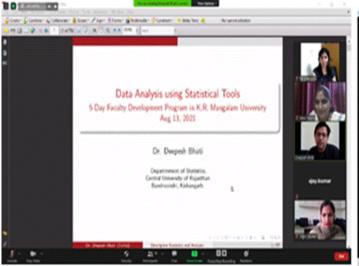


DAY V (13/08/21):

On the last day of the program, the discussion was on Data Analysis using Statistical Tools and Research Methodology: Tools and Techniques which was delivered by Dr Deepesh Bhati, Assistant Professor, Department of Statistics, Central University of Rajasthan, and Dr Umesh Gupta, Assistant Professor, Department of Pharmacy, Central University of Rajasthan.

In the first session, the keynote speaker Dr Deepesh acknowledged the participants about some basic concepts of data analysis like mean, median, and regression. He focused on drawing the research data in the form of graphs like bar diagrams using excel sheets. He further said that Statistical methods involved in carrying out a study include planning, designing, collecting data, analyzing, drawing meaningful interpretation and reporting of the research findings. The statistical analysis gives meaning to the meaningless numbers, thereby breathing life into lifeless data.

The second session was completely based on how to publish research papers in a fast way with good impact factor SCI/ Scopus/ Web of Science indexed journals. He defined h-index, i-10 index factors. He focused on processing research articles in any journal.





VALEDICTORY SESSION:

The program ended with a vote of thanks by Dr Neeraj Kumari, Assistant Professor, School of Basic and Applied Science. Feedback was received from the participants and E-certificates were sent to the participants by mail. On the whole, the program was well appreciated by the participants.

OUTCOMES:

All the sessions were very much informative. The discussed areas are of great benefit for the participants as the topics match with the current working domains. Participants were enlightened with the most widely used advanced technologies in this domain. This in turn will help them in conducting research activities and finding placement opportunities.

KRMU conducted a FDP on Research Methodology and LaTeX

As a part of the faculty training and skill development initiative, KRMU is dedicated to enhancing the professional skills of its Faculty and PhD. Scholars from time to time. Keeping this in mind, we are pleased to conduct a 5-day FDP from 31st August 2021 to 4th September 2021 on Research Methodology and LaTeX for all the faculty members and PhD. Scholars of KRMU.

The FDP was conducted by Dr Nikhil Kumar Rajput from Ramanujam College, University of Delhi, and Dr Amit Kumar Pandey from Amity University, Noida.

Over the course of four days, the speakers covered the following topics:

- Day1(31-8-21): Research Methodology (2:30-4:00 PM)
- Day2(1-9-21): Overview of LaTeX.(1:00PM-3:00PM)
- Day 3(2-9-21): Writing Research Paper in LaTeX.(1:00PM-300PM)
- Day 4(3-9-21): Advanced features and tools in LaTeX.(1:00PM-3:00PM)
- Day 5(4-9-21): Research Paper and PhD Thesis Writing Skills.(10:00AM-12:30PM)

Learning outcomes were:

- 1. Basic understanding of Research Methodology, use of data and tools & techniques significant for Research.
- 2. Explanation and the use of LaTeX. Online and offline platforms for LaTeX. Writing text and typesetting. Using text formatting commands. Create tables. Including figures, mathematical and special symbols in paragraphs. Typing equations and formulas, Bibliography, and Templates in LaTeX. Writing a research paper using Journal templates. Presentation and Poster making in LaTeX (most of the sessions will be hands-on practice, after each day on the topics covered).
- 3. Research paper/Ph.D. Thesis writing Techniques.

School of Architecture and Design

We feel proud to share that the School of Architecture and Design continued the journey of enabling and empowering students through academic excellence.



Online connection with experts from various parts of the country: Ar. Gaurav Dixit connected with students online from Nagpur on 14th September 2021 on Facebook Live. Gaurav Dixit has achieved professional success at a fairly young age and has hugely inspired the students of Architecture on its career prospects after graduation. With projects in Doha, Qatar and in various parts of India, he motivated the students to work hard academically to achieve success and satisfaction in their professional life.

Hybrid learning continued and incorporated many online interactions with experts in the field of Architecture and Interior Design. Connection with experts in practice and academics through external jury assessment and expert discussion. The final external jury was carried out from 1st July to 17th July 2021 with experts like Ar. Shikha Dugar, Prof. Avtar Singh, Ar. Rajni Taneja, and Prof. Rajiv Kacker.

Successful Implementation of Mentoring Programme through Individual Guidance and support is given to students because each design requires specific inputs. Each student is given an opportunity to develop within their own potential. This is seen in the students' progressive learning at the level of scale and complexity through design studios.

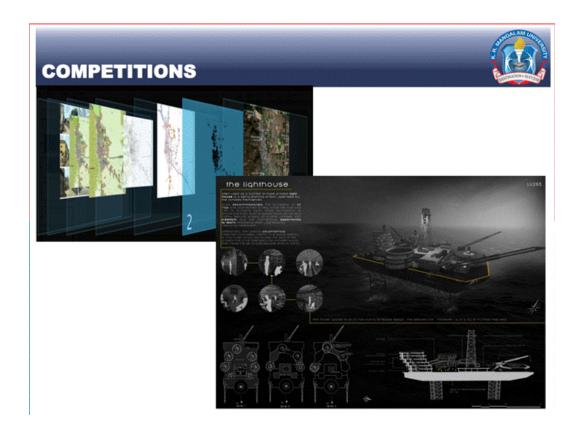
Creation of Hybrid Teams to encourage collaboration, teamwork, and learning among students: Students of SOAD worked in groups across batches to compete in national and international level competitions. Our students Prayas Biswas, Priyom Banerjee, and Christin Mathew participated in the competition LOCK UNLOCK. The theme was to address Recidivism through Prison Design. The students addressed the issue creatively by designing on a decommissioned oil rig in the middle of the sea. They were awarded the 2nd runner-up award.



The creation of hybrid teams and the usage of innovative teaching methods are encouraged at SOAD.



The learning methods at KRMU are very progressive by nature.



Several competitions are organized by K.R. Mangalam University.

Industrial Visits



BHMCT Students accompanied with Prof. M P Verma Dean at Hotel ALOFT by Mariott International at Aerocity during Industry visit



BHMCT Students accompanied with Prof. M P Verma Dean at Hotel Hotel Country Inn & Suites during Industry visit

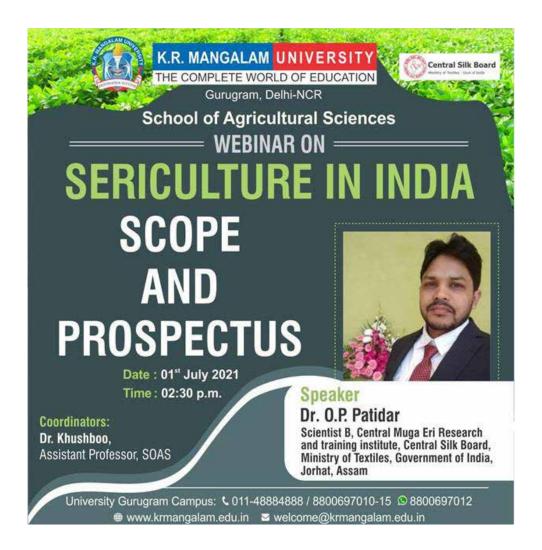


BHMCT Students accompanied with Prof. M P Verma Dean at Hotel Lemon Tree during Industry visit



 $BHMCT\ Students\ are\ on\ Internship\ at\ SKAF\ Hotel\ Dubai$

Webinars



SJMC and Sputnik News Agency Organizes Webinar on 'Audio Production in a Multimedia World'

On September 21, 2021, the School of Journalism and Mass Communication (SJMC) at K.R.Mangalam University, in collaboration with one of Russia's leading news agencies, Sputnik, organized a virtual session on 'Audio Production in a Multimedia World.'

Oleg Dmitriev, advisor to Sputnik news agency and radio and professor at the School of Media, Higher School of Economics, spoke at length about the nuances of radio production, with a special emphasis on podcast production. During his riveting presentation, he went into great detail about the planning, process, and challenges of producing a podcast in the modern era. He enthralled the audience with several examples from his own professional career.

During the event, Mr Dmitriev answered a wide range of podcasting-related questions from enthusiastic students and teaching staff. He also praised SJMC students' podcasts and encouraged them to keep coming up with new audio production ideas.

Prof Kiran Bala, Dean of SJMC, spoke on the occasion and stated that SJMC would continue to collaborate with Sputnik in the future. Tarun Joshi, Assistant Professor, proposed a vote of thanks.

Student Achievements

Student-teachers of B.Ed. (3rdSemester) and B.El. Ed. (7th Semester) are undergoing a School Internship of 16 weeks from September 2021 in the following schools:

- K. R Mangalam World School, Vikaspuri, Delhi
- K. R Mangalam World School, South City I, Gurugram, Haryana
- K. R Mangalam World School, Vaishali, Ghaziabad, Uttar Pradesh
- Army Public School, Delhi Cantt, New Delhi

Faculty Achievements



डा बी आर अम्बेडकर राष्ट्रीय प्रौद्योगिकी संस्थान जालंधर Dr. B R AMBEDKAR NATIONAL INSTITUTE OF TECHNOLOGY, JALANDHAR (PUNJAB), INDIA

> 2nd INTERNATIONAL CONFERENCE ON CHEMICAL, BIO & ENVIRONMENTAL ENGINEERING (CHEMBIOEN-2021) August 20-22, 2021

> > <u>CERTIFICATE</u>

This is to certify that Prof/Dr/Mr/Mrs/Ms Neeraj Kumari

has presented a paper entitled "Interaction of cationic surfactant with different types of naturally occurring clay minerals" in 2nd International Conference on "CHEMICAL, BIO & ENVIRONMENTAL ENGINEERING (CHEMBIOEN-2021)" held on virtual mode at Department of Chemical Engineering, Dr B R Ambedkar National Institute of Technology, Jalandhar, Punjab (INDIA).

Organizing Secretary

Organizing Chairman

SOED Faculty Achievements:

Sr. No	Name of the Faculty	Publication/Presentation
1.	Dr. P.C.Jena School of Education	Entrepreneurial Talents among Teacher Trainee: Determinants of Quality Teacher Education, ScholarsJournal of Arts, Humanities and Social Sciences (ISSN: 2347-5374) Vol. 9, Issue 7), July- 2021, pp. 335-340.
2.	Ms. Kanchan Khatreja, Assistant Professor, School of Education	Attended IQAC Enabled Two Week Online International Workshop on "Research Methodology and Statistical Application for Social Sciences" Organised by Department of Education, Annamalai University from 19 July-31 July 2021.
		Attended7 Days FDP " Together for Education- Embracing Changes amid Technological challenges" Organised by S.D. College of Education Barnala in association with AIAER from 28 July- 03 August 2021
		Attended One-week FDP on "Research Excellence and Academic Development (READ 2021) Organized by NilkanthRaoShinde Science and Art's College, Maharashtra from 09 August to 14 August 2021.
3.	DrAnshulSaluja, Assistant Professor, SOED	Paper Presentation: Presented a paper titled "Education for Social Justice: A Critique of National Education Policies of India" in International Conference on Emerging Trends in Socio-Cultural Outlook, Information Policies and education in India and Europe organized by JNU Jean Monnet Module Centre for European Studies (Jawaharlal Nehru University) and Dr B.R. Ambedkar Central Library, Jawaharlal Nehru University, New Delhi from 11.08.2021 to 12.08.2021.
		Workshop: National Workshop (7-day) on "National Education Policy (NEP-2020): The Way ahead" held from 6th September 2021 to 12th September 2021 by Akal University.
		Publication: Saluja, A. (2021). Access to Schooling: Does Social and Economic Background of Households Determines the School Participation of Children. SodhSarita, 08(29).
4.	Ms. Manju Kundu Assistant Professor, SOED	FDP: Attended 7 days FDP on "Pedagogy of the 21st Century" Organized by K. R. Mangalam University, School of Legal Studies from 2nd August to 8th August 2021.
		Paper Published in International Journal of Multidisciplinary Research and Technology (Peer- Reviewed), Conference Proceeding on NATIONAL CONFERENCE titled "Educational Status of Women in India: History to Current Scenario". (ISSN:2582-7359) Impact Factor 6.325
		Published a paper titled "Inter-Cate Marriage and Violence against Women" in SodhSarita (UGC Care Listed) Vol 07, Issue-28, (ISSN:2348-2397) Oct to Dec 2020.
		Attended 2nd International Conference "Beyond Academia; Exploring the Scope of Social Sciences" on 16th July 2021 organized by G.D. Goenka University.