#1 BEST WOMEN'S UNIVERSITY IN ASIA PACIFIC ASSOCHAM

Best Private Engineering College North Zone- 17th Rank
-The Week Rankings - 2019

- Flexible Choice Based Credit System (Liberty To Design Your Own Degree)
- New Academic Model at par with renowned International Universities
- 1 Million+ sq. mtrs. (265 acres) Green Campus
- Collaborations with 25+ Universities of US & Europe

OUTSTANDING UNIVERSITY IN RAJASTHAN -CEGR AWARD 2019

THE MOST INNOVATIVE UNIVERSITY CAMPUS OF INDIA-2018 -ABP NEWS

THE MOST ECO FRIENDLY CAMPUS OF INDIA -ABP NEWS

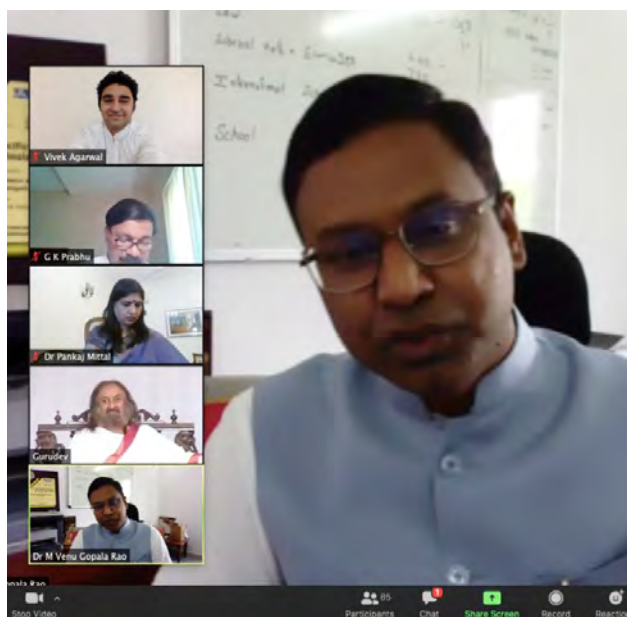## ACADEMIC AND RESEARCH ACHIEVEMENT DURING PANDEMIC

Even when the whole world is at standstill in pandemic times, the teachers, students and researchers have tirelessly endeavored to maintain their learning and creativity. Along with online teaching , the researchers of Mody University have also continued their scholarly productivity in such a times without any gap. The scholars have made the following research and patents during the pandemic.

Title of Paper	Name of Author/s	School	Journal / Book / Proceedings	Month / Year
Linkages between Financial Development and Economic Growth in the Middle-Income Countries of South Asia: A Panel Data Investigation	Dr. Rajesh Sharma, Dr. Pradeep Kautish	SOB	Vision: Sage Journals, Vol. 24, No. 2, ISSN: 2411-5150	June 2020
COVID 19 Pandemic : Impact on education sector in India	Ms. Sukriti Khatri	SOB	Ajanta, Vol. 9, ISSN: 2277-5730	June 2020
Effects of Socioeconomic Environment on the Development of Women Entrepreneurs	Dr Anirban Sengupta and Ms Neha Choudhary	SOB	Alochana Chakra Journal Vol. IX, Issue V, ISSN: 2231-3990 (UGC care list, Level-I),	May, 2020
Women Executive and C-Suite	Dr BS Rathore and Ms MamtaVerma	SOB	Alochana Chakra Journal Vol. IX, Issue V, ISSN: 2231-3990 (UGC care list, Level-I),	May, 2020
Emergence of Indian Film Industry in international markets-facilitators and impeders	Dr Neeta Jain, Dr. HemaVerma & Dr. Selvalaxmi	SOB	International Journal of Asian Business and Information Management, Vol. 11, ISSN: 0971-8907	April, 2020
Determinants of pro-environmental behavior and environmentally conscious consumer behavior: An empirical investigation from emerging market	Dr Pradeep Kautish and Dr. Rajesh Sharma	SOB	Business Strategy and Development, Vol. 3, No. 1, ISSN: 2572-3170	March, 2020
Herbal Face Mask	Prof. (Dr.) Smriti Agarwal	SOD	Indian Patent Office, Journal No.26/2020	June, 2020
Textile and Fashion Curriculum Based on Different Aspects of Green Environment - April-2020	Prof. (Dr.) Smriti Agarwal	SOD	International Journal of Engineering Science and Computing ISSN-2321-3361	April, 2020
E-Content Development Course	Prof. (Dr.) Smriti Agarwal	SOD	International Institute of Organized Research	May, 2020
A Case Study on Fair Compensation to Hand Embroidery Workers in India	Mr. Sushil Kumar Bishnoi & Ms.Shikha Kapoor	SOD	Research Journal of Textile and Apparel- Emerald Publishing Limited	April, 2020
A Clustering and Weighted Euclidean Norm Based Short Term Load Forecasting of Normal and Anomalous Days	Dr. M., Rao V. G. (et al)	SET	Book Chapter in the LNEE Series of Springer Nature (LNEE Volume -661)	Feb. - March 2020
Malaria Detection System using Convolutional Neural Network Algorithm	Kanika Gautam, Sunil Kumar Jangir, Manish Kumar, and Jay Shankar Sharma Kanika Gautam, Sunil Kumar Jangir, Manish Kumar, and Jay Shankar Sharma	SET	Machine learning and Deep learning in Real-Time Applications, IGI GlobaleBook Chapter: ch010, pp.219-230 ISBN: 9781799830979,DOI: 10.4018/978-1-7998-3095-5 ch010.	March, 2020
An Efficient Neural Network Based Approach for the Detection of Breast Cancer	Somil Jain and Puneet Kumar	SET	International Journal of Advanced Science and Technology, Vol. 29, No.6 (2020), pp. 1605-1613. ISSN: 2005-4238 (SCOPUS Indexed)	March, 2020
A Survey on Intelligence Tools for Data Analytics	Shatakshi Singh, Prachi Singhal, Kanika Gautam, Sunil Kumar Jangir and Manish Kumar	SET	Handbook of Research on Engineering, Business, and Healthcare Application of Data Science and Analytics, IGI Global, eBook Chapter: ch05ISBN13: 9781799830535DOI: 10.4018/978-1-7998-3053-5	April, 2020
Dynamic Threshold Based Load Balancing Algorithm-SJU	Shalini Joshi and Uma Kumari	SET	Lambert Academic Publishing, ISBN: 978-620-0-78568-8Book	April, 2020
Experimental and theoretical analysis of hybrid concentrated photovoltaic/thermal system using parabolic trough collector	Nikhil Gakkhar, Manoj K Soni and Sanjeev Jakhar	SET	Applied Thermal Engineering (Elsevier), Volume 171, Pages 115069-87, ISSN: 13594311 (Impact factor: 4.026, SCIE).	May, 2020

Title of Paper	Name of Author/s	School	Journal / Book / Proceedings	Month / Year
Experimental investigation of exergy performance of a water cooled hybrid photovoltaic thermal collector	Nikhil Gakkhar, Manoj K Soni and Sanjeev Jakhar	SET	International journal of exergy, Volume 31 (Issue No.-04), Pages 330-351, ISSN online: 1742-8300 (Impact factor: 1.13, SCIE).	May, 2020
Modelling and simulation of photovoltaic thermal cooling system using different types of nanofluids	Sanjeev Jakhar, Mukul Kant Paliwal and Atul Kumar	SET	Advances in Air Conditioning and Refrigeration, Springer Nature Singapore Pte Ltd., 2021, eBook ISBN:- 978-981-15-6360-7, DOI:- 10.1007/978-981-15-6360-7.	May, 2020
Performance Estimation of a Wireless Sensor Network with a Mobile Sink Moving in Different Trajectories at Different Velocities	Vikas Raina, RanjanaThalore and Jeetu Sharma	SET	Recent Advances in Computer Science and Communications Formerly: Recent Patents on Computer Science.Vol.(13), Issues (6) DOI: 10.2174/2666255813666191211115247, Free Scopus Indexed International Journal.ONLINE ISSN: 2666-2566	June, 2020
Topological and system –level proteininteraction network (PIN) analyses todeduce molecular mechanism of curcumin	Dr. Uma Bhardwaj, Anupam Dhasmana, Swati Uniyal, Anukriti, Vivek Kumar Kashyap, Pallave Somvanshi, Meenu Gupta, Meena Jaggi, Murli M Yallapu, Shafiul Haque and Shubhash C Chouhan	SLAS	Nature, 10 : 12045, https://doi.org/10.1038/s41598-020-69011-0	July, 2020
Identification, genetic diversity and recombination analysis of Watermelon Mosaic Virus isolates	Rakesh Kumar Verma, Megha Mishra, Avinash Marwal,R. K. Gaur	SLAS	3 Biotech, Vol-10, Page-257, ISSN- 2190-5738	April, 2020
From Suffrage to Universal issues: evolution of feminism	Dr A. S. Rao & Shakun Joshi	SLAS	Sustainable Humanosphere, Vol-16, Page-1247-1254, ISSN- 1880-6503, SCI listed	March, 2020
Loss of Identity is Central to Kiren Desai's The Inheritance of Loss	Dr A. S. Rao & Shakun Joshi	SLAS	Alochna Chakra Journal Vol-9, Page-1003-1012, ISSN- 2231-3990 (UGC Care Listed)	May, 2020
Self-Realization and Transformation of the Female Protagonist Nora in HenrikIbsen's A Doll's House	Dr. Sangeeta Jhajharia and Dr. Kiran Shekhawat	SLAS	Studies in Indian Place Names Vol-40-Issue-60, Page 4666-4669, ISSN- 2394-3114	March, 2020
Relationship between the Self and Society in Ralph Ellison's Invisible Man	Dr. Sangeeta Jhajharia and Dr. Kiran Shekhawat	SLAS	Studies in Indian Place Names Vol-40-Issue-60, Page No. 1869-1875, ISSN 2394-3114	March, 2020
Pardoning Power of Indian President : Legal Perspective	Dr. K. S. Pareek & Ms. Swati Tolambia	SLAS	Printing Area Issue 65, Vol 01, Page No. 29-35, ISSN No. 2394-5303 (Refereed Journal)	May, 2020
Seasonal Pattern Of Ground water Geochemistry Using Multivariate Statistical Technique In The Bengal Alluvial Tract, India	Tathagata Ghosh and Rolee Kanchan	SLAS	Purakala Vol. 31, Page 325-340, ISSN - 0971-2134 (UGC care list enlisted)	April, 2020
Metamaterial-plasma basedhyperbolic material for sensor, detectorand switching application atmicrowave region	A. Kumar, N Kumar, G. N. Pandey, D Singh, KB Thapa	SLAS	IOP (UK): Journal of Physics: Condensed Matter, Vol 32, Page 325-701, ISSN No. 9538984	May, 2020
Identification of Chilli leaf curl virus & associated beta satellite infecting Osteospermum fruticosum in Rajasthan	Mishra, M., Verma, R.K., Gaur, R. K.	SLAS	3 Biotech Vol. 10, Page- 257, ISSN 2190-5738	May, 2020
In silico analysis of chili encoded mirnastargeting chili leaf curl begomovirus & its associated satellite	Mishra, M., Kumar, R., Gaur, R. K., Verma, R.K.	SLAS	Journal of Applied Biology and Biotechnology	May, 2020
Effects of Flexion Mobilization With Movement On Pain And Range of Motion In Subjects With Low Back Ache	Dr. Ankit Bhargava	SLAS	IAR Journal of Medical Sciences Vol. 1, ISSN 2708-3594	June, 2020
Comparative Physico-chemical Analysis of Industrial Dye Effluents	Shellina Khan, Navneet Joshi	SLAS	Annals of Biology, Vol. 36 (1), Page- 38-42, ISSN 0970-0153	Feb, 2020
Pebbling Number of $C_5 \times C_5 \times C_5$.	Jitendra Binwal and Aakanksha Baber	SLAS	International Journal of Adv. Science and Tech. Vol. - 29(11s), Page- 2891-2895 ISSN 2005-4238	June, 2020
Review Study On Effect Of Eccentricity on Conjugate Free Convection In Eccentric Annuli With Vertical Position	Arvind Maharshi	SLAS	International Journal of Advanced Scienceand Technology(IJAST), Australia. Vol. 29, Page 283-286, ISSN 2207-6360	June, 2020
Multiple Properties of Fibonacci - Like Sequences	Kiran Singh Sisodiya (Bais) & Sonali Devra	SLAS	International Journal of Advanced Scienceand technology, Australia, Vol 29 No 5s (2020) (Special Issue) Page- 2087 - 2095 ISSN:2207-6360	May - June, 2020
Lucas Sequence and its Propertiesfor Secure Message Encryption anddecryption	Kiran Singh Sisodiya (Bais)	SLAS	TEST Engineering and Management, Oakland, CA, Volume 83, Page- 18296-18300, ISSN:0193-4120"	May - June, 2020"
Book: Hydroxytriazenes and Triazenes: The Versatile Framework; Synthesis and Medicinal Applications.)	K L Ameta, AK Goswami and S Khan	SLAS	Taylor and Francis Publisher,NY, USA. 2020.	June, 2020
Identifying novel inhibitor of quorumsensing transcriptional regulator (SdiA)of Klebsiella pneumoniae through modelling, docking and molecular dynamics simulation.	Keshav Lalit Ameta, Mohammad Z. Ahmed, Ghazala Muteeb, Saif Khan, Ali S. Alqahtani, Pallavi, Somvanshi, Mohammed S. Alqahtani, & Shafiul Haque.	SLAS	Journal Biomolecular, Structure and Dynamics. Online, https://doi.org/10.1080/07391102.2020.1767209. ISSN- 0739-1102	May, 2020
Synthesis, spectroscopic and the oreticalstudies of organotin and organosiliconcomplexes of Schiff bases derived fromtryptophan and phenylalanine	HL Singh, A. Sharma and S. Bhanuka	SLAS	J. Applicable Chem. Vol. 9, Page 387 ISSN 2278-1862	May, 2020
The Uses of Various Nanoparticlesin Organic Synthesis: A Review	S. Khaturia, M.Chahar, H.Sachdeva, Sangeeta and CB Mahto	SLAS	Journal of Nanomedicine & Nanotechnology. ISSN : 2157-7439	April, 2020

Title of Paper	Name of Author/s	School	Journal / Book / Proceedings	Month / Year
Diverse Routes for the synthesis of Indole-fused Complex Architecture from Simple Molecules	Shivendra Singh*, S. S. Chauhan, N. K. Sharma, Sunil Dutt & K. L. Ameta	SLAS	Mini-review in organic chemistry, Bentham https://www.scopus.com/sourceid/4700152614	May, 2020
Synthesis of novel Pyrazoles	S. Chhakra, G. Malhotra, S. Singh, S. S Chauhan	SLAS	Rasayan J Chemistry, Scopus / UGC Listed ISSN: 0974-1496 (Accepted)	May, 2020
Impact of ZigBee Coordinator on Archimedes' Spiral based Mobile Network Design in 3D	R. Thalore, R. Monir, V. Raina and J. Sharma	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117396. (SCOPUS Indexed)	June, 2020
Design and Performance Analysis of Germanium-Based Junction-less Double Gate MOSFET	Ambika and G. Dhiman	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117304. (SCOPUS Indexed)	June, 2020
An Acoustic based Roadside Symbols Detection and Identification using Faster RCNN and SSD	S. Choyal and A. K. Singh	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117222. (SCOPUS Indexed)	June, 2020
Shortest Path Algorithms for Sensor Node Localization for Internet of Things	A. Kumar, V. K. Jain and P. P. Bhattacharya	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-5 DOI: 10.1109/ICONC345789.2020.9117301. (SCOPUS Indexed)	June, 2020
A Detail Dominant Approach for IoT and Blockchain with their Research Challenges	V. Sharma and N. Lal	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-6 DOI: 10.1109/ICONC345789.2020.9117533. (SCOPUS Indexed)	June, 2020
A Novel Planar Inverted-F Antenna for Dual Band Operations	P. Sharma and P. P. Bhattacharya	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117276. (SCOPUS Indexed)	June, 2020
Diagnosis of Breast Cancer using Machine Learning Algorithms-A Review	A. Kajala and V. K. Jain	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-5 DOI: 10.1109/ICONC345789.2020.9117320. (SCOPUS Indexed)	June, 2020
A Comparative Approach to Predictive Analytics with Machine Learning for Fraud Detection of Realtime Financial Data	A. Singla and H. Jangir	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117435. (SCOPUS Indexed)	June, 2020
Diabetes Prognostication – An Aptness of Machine Learning	V. Maan, J. Vijaywargiya and M. Srivastava	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-5 DOI: 10.1109/ICONC345789.2020.9117465. (SCOPUS Indexed)	June, 2020
Multi-Channel FLANN Adaptive Filter for Speckle & Impulse Noise Elimination from Color Doppler Ultrasound Images	M. Kumar, S. K. Jangir, S. K. Mishra, S. K. Choubey and D. K. Choubey	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117288. (SCOPUS Indexed)	June, 2020
Malware Detection & Classification using Machine Learning	S. Choudhary and A. Sharma	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117547. (SCOPUS Indexed)	June, 2020
A Solution for Secured Content Transferring in between Multiple Hosts within P2P Enabled Intranet	A. Saroliya, J. Mondal and M. Agrawal	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-3 DOI: 10.1109/ICONC345789.2020.9117415. (SCOPUS Indexed)	June, 2020
Human Activity and Gesture Recognition: A Review	R. Saini and V. Maan	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-2 DOI: 10.1109/ICONC345789.2020.9117535. (SCOPUS Indexed)	June, 2020
A Contemplator on Reversible Data Hiding in Encrypted Domain	S. Sen, A. Mukherjee, J. Mondal and A. Saroliya	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117341. (SCOPUS Indexed)	June, 2020
Short-Term Traffic Flow Prediction: Using LSTM	P. Poonia and V. K. Jain	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117329. (SCOPUS Indexed)	June, 2020
Analysis on Variations of Metal Gate Work Function on Junctionless Double Gate MOSFET with High-k Spacers	G. Dhiman and R. Pourush	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-4 DOI: 10.1109/ICONC345789.2020.9117425. (SCOPUS Indexed)	June, 2020
Text Message and Digital Image Secure for Discrete Shearlet Transform	D. Kushwahah, P. Saurabh, R. Prasad and P. Mewada	SET	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3) Lakshmangarh, Sikar, India, IEEE Xplore, pp. 1-6 DOI: 10.1109/ICONC345789.2020.9117349. (SCOPUS Indexed)	June, 2020

MU Director in conversation with Sri Sri Ravi Shankar

The Association of Indian Universities (AIU) in partnership with Sri Sri University and the Art of Living Foundation organized a Global Leadership series on the topic "Reshaping Higher Education: Vice Chancellors in conversation with Poojya Gurudev Sri Sri Ravi Shankar ji" on May 27th, 2020 from 10.30 am to 12.00 pm followed by Global Mediation from 12.00 pm to 12.30 pm, which was attended by over 2 million people from over 145 countries.

The Director of Mody University of Science and Technology, Dr. M. Venu Gopala Rao participated in the Webinar and was in conversation with Sri Sri Ravi Shankar and Prof (Dr) Anil Sahasrabudhe from 11.00 am to 1.00pm (with a break in between) on May 27th 2020.

The Director of Mody University heartily and profusely thanked both the gentlemen (Sri Sri and Dr Anil Sahasrabudhe) for their visit to the Mody University Campus and for having blessed all the University and School students, besides recalling our Association with the Art of Living for the past five years through the Yes+ program. The Director also expressed his views (only 10 VCs/ Directors out of 100+ VCs) were allowed to interact and representing Mody University, Dr Rao was one among the few to express his views on Higher Education and interacted with both of them for demanding the need of the hour to bring and introduce the Art of Living as a mandatory credit course from the statutory bodies.

Rajasthan Shiksha E-Vimarsh

Dr. Venu Gopala Rao, Director, Mody University in debate with Higher education minister, Govt. of Rajasthan on Post Covid-19 education scenario in the state of Rajasthan .

COVID-19 is presenting a real challenge and a real responsibility for all of us in all sectors. These ideas invite debate, engagement and action by governments, international organizations, civil society, educational professionals, as well as learners and stakeholders at all levels.

In the debate, Dr. Rao suggested making free and opening source technologies available to teachers and students. Open educational resources and open access digital tools must be supported. Education cannot thrive with ready-made content built outside of the pedagogical space and outside of human relationships between teachers and students.

He emphasized to ensure scientific literacy within the curriculum. This is the right time for deep reflection on curriculum, particularly as we struggle against the denial of scientific knowledge and actively fight misinformation.

It's an opportunity for one and all to take a call and use it as an opportunity to make the education experiential learning. At Mody University we believe in empowerment through experiential learning for employment with educational enrichment.

Dr. Venu Gopala Rao
Director, Mody University
in debate with Higher Education Minister,
on Post Covid-19 education scenario in the state of Rajasthan .

Mody University's Recent Patents and Projects:

1. Patent: "Liquid alcohol based skin sanitizing solution with anti-viral property" filed by Dr Uma Bhardwaj (Dean SLAS), Ravindra Bhardwaj & Naveen Dhingra. Application No. 202021030325.

2. Patent: "A Novel Heterocyclic Bismuthine Compound for Bio-medicinal Application and Method of Synthesis Thereof" filed by Ameta, K. L. (Applicant & Inventor), Kant, Ravi, Pandey Jaya, Rani, Preeti, Khan, I.A. and Kumar Atul. Application No. 202011017813A.

3. Patent: "A Novel Bismuthino for Bio-medicinal Application and Method of Synthesis Thereof" filed by Ameta, K. L. (Applicant & Inventor), Kant, Ravi, Pandey Jaya, Gupta, Pramila, Khan I.A. and Pandey Manju. Application No. 202011020255A.

Keynote Address

Prof. Satish C. Shastri, Dean - School of Law delivered a lecture as the Keynote speaker in two webinars. First one was organized on June 5th, 2020 by the G.G.S. Indraprastha University, New Delhi on 'Sustainability of Sustainable Development in India. And the second webinar was organized on June 5th, 2020 by the Jamia Milia Islamia University, Delhi on the concept of 'Sustainable Development '.

One more webinar was also addressed by Prof. Shastri on July 4th, 2020 on "Right to Equality", organized by the Aligarh Muslim University, Aligarh, which was attended by more than 400 persons. It was a huge success.

1st International Kinesio Taping E-Conference 2020

Prof. Dr.Gul Baltaci
Eminent International Speaker

On May 31st 2020, where the whole world was locked down due to COVID 19 pandemic, Department of Physiotherapy, School of Liberal Arts & Sciences, Mody University of Science and Technology in collaboration with Kinesio University, USA under the leadership of Dr.Uma Bhardwaj, Dean SLAS & Dr.Ankit Bhargava, Head of Department, Physiotherapy had successfully organised the first ever digital conference " 1st International Kinesio Taping E-Conference 2020" in the world on the theme of "Metamorphosis of Kinesio Taping Knowledge through E-learning". More than 2000 delegates around the world had participated in this conference on digital platform. There are 12 international & national eminent speakers who shared their Kinesio Taping knowledge and several

Prof. Dr. Nihan Ozunlu
Eminent International Speaker

papers submitted for the publication in the event partner journal. In this conference, Mr. Ashok Chandna, Minister of Sports, Youth affairs & Skill Development, Government of Rajasthan was the Chief Guest and gave his gracious presence into it. There were various eminent entertainment and sports personalities like Miss. Nandita Shwetha, Miss. Raviraa Bhardwaj, Miss. Shikha Pandey, Miss. Harleen Deol, Padmashri Oinam BemBem Devi who gave their presence as a Guest of Honour. Kinesio is a billion dollar brand in the world and has credential value of its certification in the field of Physiotherapy and Allied Therapies. Dr.Kenzo Kase, Founder & Inventor of Kinesio Taping himself gave his presence.

ONLINE CLASSES

Campaign of social awareness for the protection against Corona Virus

On 18th April 2020, IET On Campus, SET-MUST did a campaign by creating a collage on the awareness of spread of Corona virus across the world while spreading the message of staying home during this time of pandemic for their family and friends. The spread of this deadly virus could only be stopped by the means of social distancing and the methods of work from home should be adopted.

EDUCATIONAL LIVE SESSIONS

Dr. V. K. Jain, Dean Academics, Mody University on FB Live demystified a session on challenges in engineering education and best innovative practices. This session helped aspirants know the changing aspects and shaping of future engineering. Engineering is an ancient art. It was evolved with the evolution of human civilization. It makes a person capable for transforming their imagination into reality in almost every domain of society. Engineering is imperishable, immortal and considered as boon for the society. That's why engineering profession is considered as one of the most vibrant, passionate and everlasting profession. It is also the simplest gateway to be an entrepreneur. He emphasized on the importance of Engineering in the educational sector and the demanding nature of this discipline. The necessary instruments we are coming across in this period of prevalence of the global pandemic COVID-19, such as ECG machines, ventilators, or the different modes of communication, are all the efforts of dedicated engineers. He mentioned about various eminent engineers of ancient times and also stated about their contribution in diverse fields.

He also talked about the different branches of engineering and the opportunities in each. Computer Science Engineering is the prime course of Mody University which also has 5 specializations with IBM.

The university has tie-ups with various institutions of France.

The session was on the topic "Engineering and Employability: Issues, Challenges and Mitigation".

What will be my future with an Engineering Degree? Will I get good company after my Engineering Degree? Will I get campus placement? As a student or parent the mind is surrounded by so many such unanswered, but future oriented questions.

Though engineering as a profession is imperishable but on contrary to this, Business Today's 2019 report says "80% of Indian engineers are not fit for jobs". But, surprisingly 45+ MNCs visited our campus upto January 2020 to recruit 2016-2020 engineering batch and maximum students have multiple placement offers and we have 95%+ placement records every year in last two decades.

Definitely, employability is a problem but it can be mitigated. Hence, the session on the topic "Engineering and Employability: Issues, Challenges and Mitigation" was a thought provoking talk which demystified the key skills which are required by MNCs, factors where majority of engineering graduates are lacking, novel practices which need to be adopted and much more.

JMC contribution in Mass Media

During lockdown everything is still stand except creativity and zeal of making this tough time as an opportunity. During lockdown Mody University constantly innovate and evolve the things for the betterment of students, faculty as well as the society. Spreading knowledge, creativity, innovation and motivation is our motto. Faculty of Journalism and Mass communication under School of Liberal Arts & Sciences continuously publish their article on different media on several topics to educate the people at large. So that as a faculty our responsibility toward society has also reached on great height. Mody University always encourages students and faculty to come forward and contribute to the society as per their expertise. During lockdown mass media is the only source of information. Faculty of Journalism and Mass Communication continuously show the path to the students as well as to the society. Such efforts by Mody University actually make society a better place for human life.

पत्रकारिता एवं जन संचारः एक बेहतर भविष्य की आधारशिला

Report on Physics Webinar

The MUOSASC (Mody University OSA Student chapter) has organized a web-lecture in which Dr. Raj Kumar Gupta, Associate Professor, Department of Physics, BITS-Pilani was the resource person. The topic of the lecture was "Selected topics in Modern Optics". The contents of the lecture were started from the basic phenomenon of Optics and progressed to the application in the modern day's high-level research. Dr. Manoj Mishra, chapter advisor, MUOSASC introduced the speaker and Ms.Nicketa Acharya, President of MUOSASC delivered the vote of thanks. The lecture was attended by students, scholars and faculty members of various universities across India like BITS-Pilani, CU-Tamilnadu, IPR-Gandhinagar, KNIT-Sultanpur, SVYASA University, CU-Pondicherry, OUAT- Bhubaneswar, IIIT-Naya Raipur, Madhav University, JUST-China and MUST-Lakshmangarh.

Mody University OSA Student Chapter (MUOSASC) PRESENTS Live Webinar on Selected Topics In Modern Optics. Monday, 22 JUNE 2020 || 11 AM WITH GUEST SPEAKER DR. R.K. GUPTA DEPT. OF PHYSICS BITS PILANI. Organized by, School of Liberal Arts and Sciences Mody University of Sc. and Technol., Lakshmangarh, Sikar. JOIN US ON ZOOM https://osachapter.zoom.us/j/9783060366?pwd=cmpJeS9sWHVFS1h2UlhkZkR1BVRXUT09

Department of Foreign Languages
School of Liberal Arts & Sciences
Presented
A Webinar on "The Japanese Social Values and Work Culture"
on June 19, 2020 From 4:30* to 6:30

Mr. Kousuke Noguchi Director- Japan Foundation, New Delhi "Opportunities for work in Japan "

Dr. Gyanendra Nath Tripathi Solution Engineer, Tokyo "Valuse System and Work Culture in Japan "

Mr. SP Shrimali Businessman "Learning Japanese language creating Business opportunity with Japan"

Mr. N.M. Singh Businessman "A Good Future of Business with Japan"

Mr. Shubhum Kaushik KITZ Corporation, Chiba, Japan "My experience of working in Japan"

Mr. Arun Kumar Sharma Researcher at Nagoya University Toyota Tsusho Corporation "Research Opportunities after Learning Japanese"

"Webinar on The Japanese Social Values and Work Culture"

School of Liberal Arts and Sciences under the guidance of Dr. Uma Bhardwaj, Dean - SLAS and in support of Japan Foundation, successfully organized a webinar on June 29th, 2020 on the topic "The Japanese Social Values and Work Culture"for faculties and students.

There were different sessions on Business opportunities, Business culture, Japanese work culture, and "why, and how to learn the Japanese Language". The Speakers were Japanese National, Mr. Kousuke Noguchi, Director of Japan Foundation, and Ms. Akiko, an Entrepreneur in Japan. Other five speakers were Indian out which 3 are currently working in Japan and two are Rajasthan based Businessman who had a long experience of business with Japan. Each session was followed by question answer round, where the audience asked questions to speakers. There were more than 345 persons registered themselves as participants from various universities and colleges. After the end of webinar, feedback was taken, which shows the participants learning and enjoyment from this webinar.

The Department of Foreign language, SLAS also provided a certificate to participants. Dr. Ashok Singh Rathore, Assistant Professor in Japanese language was the convener. Vote of thanks was given by Dr. Vinay Kumar Singh, HOD-Department of Foreign language. The Students also helped in making this webinar successful.
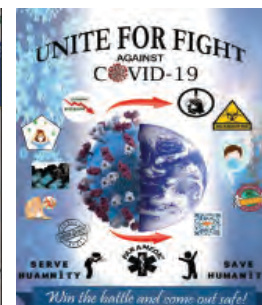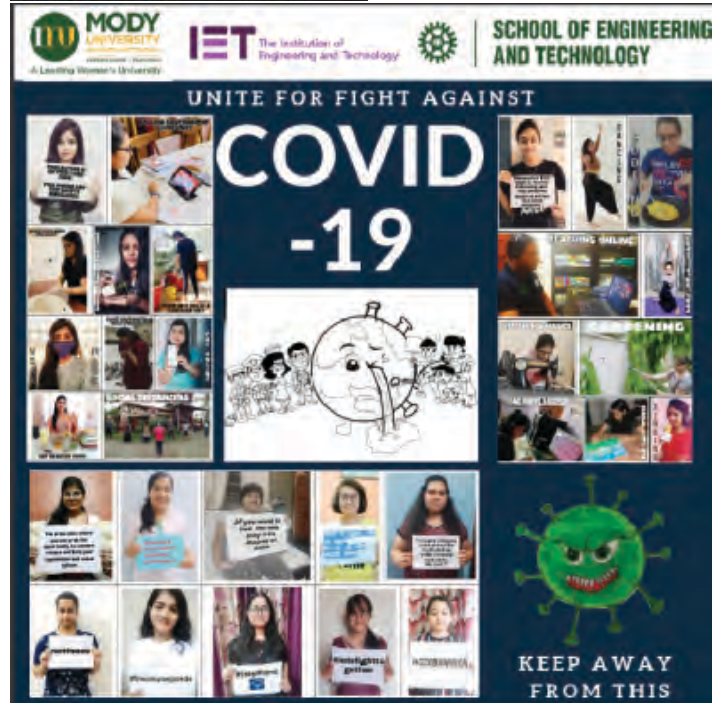
UNITE FOR FIGHT AGAINST COVID-19

Inter Club/Society e-Poster Competition of SET

As the whole world is firmly standing against COVID-19 pandemic, School of Engineering and Technology (SET) is coming forward for disseminating awareness about the same through various innovative ideas. The students and faculty members of SET are motivated under the able guidance of Dr. V. K. Jain, Dean Academics to participate and organize an awareness spreading event to strengthen the confidence of mankind to excel in this tough time.

School of Engineering and Technology, Mody University of Science and Technology has announced an Inter Club/Society e- Poster competition on the theme "Unite for Fight against COVID-19" on April 21, 2020. It is an Inter Society/Club Contest wherein the students along-with their faculty mentors are designing an e-Poster on the theme. IEEE, IET, CSI, IETE & ACM Student branch were participating in this event.

SET CLUB : The approved e-Posters of different SET clubs viz: ENACTUS, Karuna, SWE, Athlon, Anahata, Unnat Bharta Abhiyan & Enginium have been uploaded on various social media platforms like Facebook, Instagram, Twitter and LinkedIn through official page of clubs/societies. on April 24, 2020. The content is being promoted by the participating students themselves. Each participating team shared the social media analytics report at 11:00 am on April 5, 2020 which contained the information about Likes and Share on Facebook, Instagram, Twitter and LinkedIn with relevant proofs. The winner team was announced by a jury of three members including Dean-Academics on May 5, 2020. E-Certificate was provided to the winning team members and all participants of the competition.

FACULTY PARTICIPATION

1. Dr. Atul Kumar, Associate Professor, ME Department, SET, Mody University has attended following two online workshops and also went through the evaluation.

• Three days online workshop on "Design of Experiments: An Engineering Perspective" conducted on 25th, 26th & 27th April 2020.

• Two days online workshop on "Fuzzy Logic and Neural Network Approaches for Engineering Solutions" conducted on 29th & 30th April 2020.

2. Dr. Sanjeev Jakhar, Assistant Professor, ME Department, SET, Mody University, has participated in Faculty Development Program webinar on "Intellectual Property Right" from 16th to 22nd April 2020. The FDP was organized by patent information center & TISC, Department of Science and Technology (DST), Government of Rajasthan.

DELHI SSN
Social Media Coordinator

IEEE Delhi Section Student Network (SSN) is a committee of students and senior members from all over Delhi Section to manage events and ensure smooth working of all student branches under Delhi Section. Shatakshi Singh from our student branch was selected to serve as Social Media Coordinator for Delhi SSN.

STUDENTS' ACHIEVEMENTS

• CODINGO

In wake of Covid19 pandemic IEEE MUST Student Branch organised an online coding contest CodinGo on 19th April, 2020 during 4 pm to 6 pm with an aim to generate funds for PM CARES.

It was a two hour coding contest organised at #Hackerearth. There were three problems of varying difficulty level.

Participants joined it from various colleges of India including IIT -Bombay, Bennett University, Jaypee Institute of Information Technology, Engineering College of Bikaner, Global Institute of Technology, Setu Institute of Technology, Noida, PIMR, Mody University etc. Around 82% of the registered candidates have appeared for this contest.

• IDEA BEAT COVID

Pioneer club and IEEE CU SB organized an Ideathon "IDEA BEAT COVID" where many students from different colleges of India participated. Shatakshi Singh, Secretary of our student branch submitted her idea to make "Large Sterlization and Sanitization" cost effective and secured 2nd rank.

• SECTION AMBASSADOR

Shatakshi Singh, Secretary of IEEE Student Branch, Mody University got selected to serve as Section Ambassador of IEEE Delhi Section for IEEE Programming League (IPL), an initiative of IEEE CS SYP.

• IEEE GTBIT STUDENT BRANCH

IEEE GTBIT Student Branch hosted a Women's only Web meet 'Together WIE' on the topic 'How to make the Quarantine Days Productive?' on March 30, 2020 from 1900 to 2100 IST 5 women speakers were selected from different IEEE sections. Shatakshi Singh, Secretary of our Student branch got an opportunity to contribute as a speaker at the web meet. The web meet began with the host, who briefed about the topic of the webinar and IEEE WIE. Then all speaker expressed their views in the given sequence. The discussion was followed by a question answer session. The webinar was attended by many IEEE students across India.

Webinar on "University-Industry Collaboration:
Importance of specialized UG program with Industry leader, IBM"

A webinar on the topic, "University-Industry collaboration: Importance of specialized UG program with Industry leader, IBM" was organized jointly by Mody University and IBM India Pvt Ltd. The main objective of the webinar was to create awareness about the initiatives, which Mody University and IBM are taking to ensure that, the students have the best from Academia and Industry. The webinar was organized keeping in mind the audience comprising registered students and their parents.

The webinar began with the address of Prof. V K. Jain, Dean Academics followed by a short video of Mody University. In his address, Prof. Jain covered almost all the aspects necessary to showcase the academic environment in Mody University like ABET, Project-based learning, foreign internship, and CDC, etc.

The webinar was then handed over to IBM and Ms. Shefali Dutta of I B M gave a wonderful and informative presentation on "Emerging Trends & Technology: Supportive role of IBM". In her presentation, Ms. Dutta emphasized the importance of learning specialized technology like AI and Deep Learning, Cloud Computing, IoT etc. To develop interest among students, she gave numerous examples of the application of the above-mentioned technologies. A hands on experience on Chatbot creation was given to students by Mr. Aman Bakshi to increase the confidence among students.

While the webinar was going on, students and their parents were continuously asking queries through Chatbox available in Webex. Prof. V. K. Jain and Dr. Prateek Bhanti were available and continuously handling those queries through chat box only.

There were total 95 participants registered for the webinar and 41 participants attended the webinar. Recording of the webinar was sent to rest of the students on demand.

Overall, the event was successful in promoting the collaborative efforts of Mody University and IBM, as far as academic learning and future career prospects are concerned.

Webinar on "How to start contributing to open source"

A webinar was organized by IEEE Student Branch, MUST on "HOW TO START CONTRIBUTING TO OPEN SOURCE" on May 31st, 2020 at 5:00 pm via Youtube Live .The event was a huge success with total participation of more than 300 students among 40 colleges across India.

The speakers of the event were Jaideep Prasad and Anubhav Sinha who are an expert in this field and were also selected for Google Summer of Code in 2019.

The session was very informative and was held properly with the basic formation keeping in mind that everyone is here to learn and is a beginner. Basics of Git and Github were discussed and how one can start contributing was the major agenda. The session ended with question-answer round. The event was moderated by the IEEE –MUST SB.

The feedback was very good and participants requested for more such webinars and events so that everyone can make most of these quarantine days.

"30 DAYS 30 CHALLENGES"

An event was organized by the IEEE Student Branch, MUST "30 Days 30 Challenges." The event began on 15th June and it ended on 15th July 2020. The event has been a huge success since day one with maximum participation; the event was conducted via the social media platform-Instagram. Each day a challenging question was uploaded on the Instagram story of our page@ieee_must and the first one to give the accurate answer was declared as the winner. Responses by each participant were recorded, for every accurate answer a participant scored a point which helped the organizing committee to maintain a leader board. The questions mostly consisted of brain teasers. The event was moderated by the IEEE–MUST SB. The feedback so far has been very good and participants felt very grateful to be a part of this event.

INNOVATION, INVENTION AND IMAGINATION WAITS FOR NONE

III's- If we think profoundly this sounds quite interesting like "WOW!! TRIPLE Is", But yes these are the three Is that seems quite similar but are three different terms thoroughly interlinked to each other in an exceptionally and exceedingly creative way.

If we ponder upon these three terms, then one of the supreme things that comes to our mind is that these terms are extremely precise for a professional behaviour or may be some professional work and all. And this is genuine. But the thing is neither are these terms professional nor are these used by just professionals.

TRIPLE Is are applicable and relatable completely to a mindset of a normal individual. Any individual from a child to professional can be INNOVATIVE, can be IMAGINATIVE and can be INVENTIVE. These Is not at all demand for any special qualities. Anyone can be CREATIVE.

Creativity is much more and much above than having special talent or winning and losing.

CREATIVITY starts from the day an individual is born. Creativity waits for none and this is what these three Is are. Creativity is an ability to develop something from within your mind, particularly an idea which can be turned into reality if there is will.

CREATIVITY =
INVENTION + INNOVATION
+ IMAGINATION

Now, INVENTION is something which has a fresh or a new beginning. Or in others words it is something which was never made or discovered prior to the day. It is a new concept that when invented will be in widespread use for commercial, industrial or for any other purpose in any field of reform. It is the introduction of a thing for the first time ever.

INNOVATION on the other hand is a criterion through which an already existing thing can be turned out to be in the form of new process or concept. This means giving a substantial reform and contribution to a pre-existing concept. It is a process of long intensive thinking process and thinking has to be absolutely open minded.

Now approaching to something we are much familiar to i.e. IMAGINATION, after having a glimpse to this term a lot many things come up to our mind since we use this term a lot in our normal life. And this is nothing different to what you consider this term in usual or an ordinary life.

Imagination is what seems to be impossible and not at all real. Now it is the CREATIVITY that perceives that unreal thing to a real and existing one. Imagination is whatever you contemplate or whatever you ponder; it is this imagination that unleashes your thinking to be a part of reality. It is your inner creativity that lets you apply efforts to make that imagination not just an imagination. Imagination has no limits, no barriers. Imagination can be beyond whatever impossible you think. Creativity turns those new and imaginative ideas into reality. INNOVATION is itself IMAGINATION.

Here's the interlink among the three. Since we are aware that Invention is fabricating something for the first time in history and Innovation means modifying priorly introduced ideas by bringing out reforms. So here's the condition that if something is invented then only innovation will take place.

The terms IMAGINATION and INNOVATION, these are used almost in an exchangeable way. Many a times it is said that there is no innovation without creativity or Imagination. And alternatively, it is said that there is no imagination if there is no innovation or innovative thinking. Both alternatives are completely logical.

None of these three Is can be read by forgetting even one of them. All the three are totally interdependent and interlinked.

International Webinar with National University of Singapore

The Department of Arts at School of Liberal Arts and Sciences organised an International webinar on May 4th, 2020, at 3.00 pm to 4.10 pm (one hour ten minutes). The Webinar was inaugurated by Dr Uma Bhardwaj, Dean SLAS with her welcome note to the speaker and the participants. Dr Mustafa Izzuddin, Faculty, National University of Singapore explained the historical formation of South East Asian countries and their mutual dealing with each other and he also appreciated the humanitarian service and help extended by India to more than 50 countries during the present pandemic. He mainly discussed the present and post pandemic challenges created by COVID-19 and how India and South East Asian countries are handling the situation. In the last part of the webinar, there was a fruitful interaction and Q&A session and finally ended with vote of thanks proposed by Dr A S Rao.

WEBINAR BY THE DEPARTMENT OF FORENSIC SCIENCE

The Department of Forensic Science [DoFS], School of Liberal Arts and Sciences [SLAS], Mody University of Science and Technology successfully organized an interactive webinar on May 21st, 2020 via YouTube Live stream on the channel CrimeFreeBharat. The webinar was presented on the topic "Internship for Crime Free, Job and Service Rich Aatm Samarth Bharat under auspices of Police Reforms MP"by Mr. Maithili Sharan Gupta, Director General of Police (Police Reforms), Police Department, Madhya Pradesh. The two hour online session was initiated by Mr. Ulhas V. Gondhali [Head of the department, Department of Forensic, SLAS] who welcomed Mr. Maithili Sharan Gupta and Dr Uma Bhardwaj [Dean SLAS]. Mr. Gupta commenced his discourse by reiterating the slogan "AatmNirbhar Bharat" given by honourable Prime Minister of India recently. He envisioned several ideal projections of India in future and the manifestations towards these projections by present day India. His ideal projections of future India included "Aparaadhmukt crime free Bharat", "Job-services-rich Bharat", "Green-herbal-medicine-rich Bharat", "Machine-equipment-rich Bharat", "Milk-rich India" and "Green-organic-nutritious-fruit-rich India" to name a few.

Finally, Dr Uma Bhardwaj presented the vote of thanks by congratulating Mr. Maithili Sharan Gupta. She was hopeful that her students and faculty felt connected with his ideas and role of police towards Crime-free India. She acknowledged his motivation and guidance while assuring her support for the start-up units. The recorded version of this informative live stream video is available to watch on YouTube channel CrimeFreeBharat. Since the initial upload, the video has garnered 787 views and 54 likes in 22 hours.

ONLINE TEACHING: A changing scenario after COVID-19

Presently we are facing a very harsh period of human civilisation where COVID-19 has come to the existence as a global pandemic. Millions of people have infected and thousands of people have lost their lives within the last five months. The worst thing is that we are helpless to fight against this invisible global enemy. Presently, since we do not have any medicine or vaccine for it. Besides these things, the global economy has reached the lowest level as well as most of the businesses are shut down because of the precautionary lockdown imposed by the government. Moreover, this pandemic situation is changing the behaviour of society and the mode of essential services and businesses.

Whatever situation will remain but education must go on, therefore, it needs to strengthen our education system according to the COVID-19 and changing the behaviour of society. Along with, it is also necessary for the teacher community to keep running their teaching by the use of technology. As a prerequisite, we would prepare ourself to get familiar with modern teaching tools. The policymakers are predicting that remote education and online education will be the futuristic model during the long extended pandemic situation of COVID-19. Accepting this statement, a question moves in the minds of all teachers that how can we do online education? First thing, being a teacher we have to change our mindset from traditional classroom teaching to modern online teaching. Second, we have to adopt the best-suited tool for online teaching, according to our requirement and simplicity. Many freeware, as well as paid applications, are available for teachers to do the effective online teaching, where we can take online classes, assign particular assignments, take the online test, and track the individual performance of the student in a class. To take the online class by teleconferencing, Cisco WebEx is a credible platform, even it is a highly preferred platform by the various enterprises. It is free for all with few limitations. Two important things are related to it, one, it will take 5-6 days to activate the user account, and second, it has a severe problem of glitching, discontinuity with a normal internet connection. Both things are considerably annoying sometimes. Adobe, which is a huge magnate in the computer world, has recently launched a 90 days freeware teleconferencing platform- Adobe Connect. Good thing, it is free but limited for only 25 participants and might be little complicated and issues of glitching with a slow internet connection.

The most popular teleconferencing app which is used by many teachers to take the online classes is Zoom. On Zoom with a free account, one can take an online class for 60 minutes for 100 students. This app surprisingly got attention after COVID-19 because of its simplicity for the user and majestic functionality with normal internet connectivity. But, it has identified that Zoom does not provide any encryption to user data, which is shared during the meeting, even few meeting were hacked by the hackers. Unfortunately, U.S.A. based company, Zoom has revealed that it is using the servers which are located in China. Therefore, Zoom has lost the credibility and facing the negative wave of users.

Another one, Zoho Remotely, it is free and good but it has so many extensions in the homepage, even mailbox, CRM and other business solution that may get confused. It is also under the development phase with every new update user can get more interesting features. Meanwhile, Zoho is a highly credible platform and provide many business solutions with its free account.

Google and Microsoft, both are big tycoon and strong competitors of each other. They are also offering their Teaching-Learning solutions and both are good in their attributions. These solutions are completely free for the education purpose but system administrator of the school/college/university has to set up the account on it, that require technical knowledge. These solutions are much impressive, with a lot of teaching tools besides the video conferencing. Google offers Google Meet app for teleconferencing and Google Classroom for teaching-learning management, where teachers can assign the assignments, notes, and documents to the students. At the same time, teachers can track the progress of the independent student.

Microsoft offers its solution for the same as Microsoft Teams but it is a little bit complicated. We need a sound knowledge of computer and internet.

Finally, Say Namaste is completely under development teleconferencing platform and unfortunately, an unprecedented load is going to transfer on it and that is causing problems to the app developers. But it is an Indian app as it is being claimed by the website.

A WEBINAR ON SARS CoV2
Organised by Chemistry Department

The Department of Chemistry, School of Liberal Arts and Sciences, organised a webinar on "SARS CoV2: An overview of COVID-19 " on June 6th , 2020. The key speaker of the webinar was Dr. Naseem Akhter, Department of Laboratory Medicine, Faculty of Applied Medicine Albaha University, Albaha Saudi Arabia. Dr. Akhter is a trained Molecular Medicine Biologist and an active researcher of Vaccine development.

The webinar was attended by the more than 120 participants across India. The webinar covered many issues of the present international pandemic, Covid-19. During the webinar, an interactive session was held where answers of the various question of the attendees were addressed.

The department issued the e-certificates to the successful attendees of the webinar. The webinar was coordinated by the Dr. K.L. Ameta, Professor of Chemistry and the entire team of the Chemistry department contributed the full support for this successful organisation of the webinar.