

ANNUAL REPORT
2019-20

MODY UNIVERSITY

Mody University of Science & Technology

Lakshmangarh – 332 311, Distt. Sikar (Rajasthan), India

INTRODUCING MODY UNIVERSITY

The Mody University is a Private university aimed at helping the girl population avail quality education with world-class techniques in an IT-savvy environment. It gives the students an opportunity to study the subject they want. They can choose from numerous undergraduate and postgraduate courses of different disciplines like Arts, Science, Commerce, Engineering, Management, Law, Fashion, Interior Design, Architecture, Physiotherapy, Agriculture etc.

Within the University grounds, you will find interactive classrooms, large sports courts, natural beauty, places with spiritual essence and the entire site filled with artifacts. This, in turn, does not only provide the best learning platform to the women but also ensures that they are made aware of the cultural heritage of the country.

MODY UNIVERSITY

About the University

HISTORICAL BACKGROUND

The Mody University was established in the year 1998 by **Shri. R.P.Mody**. He is a true visionary who took an idea ahead of his time and founded Mody University exclusively for Women. His philanthropic attributes, operated in terms of social and psychological promotion of the women community, led him to impart his proposed vision through practical infrastructure.

The University instills the thought that is fully capable of orienting knowledge and information in a scientific manner in the minds of the common mass. This acts as a boon towards the development of a 21st century perspective of the knowledge acquisition process implemented within the university.

VISION

Committed to excellence, we seek to advance education and enhance knowledge to develop transformative skills in women fuelled with innovation, research, integrity, environmental consciousness, social and ethical sensitivity to create the finest women leaders, technocrats and social innovators.

MISSION

- To create a supportive ambiance in which new ideas and innovation flourish, and from which the leaders and innovators of tomorrow emerge.
- To address contemporary issues and provide solutions at the local, regional, national and global level.
- Advance education and collaborative research that transform pupils through rigorous coursework and intellectual delivery.
- Create a sustainable ecosystem.
- Invent new knowledge by engaging in cutting-edge research and academic growth.
- Undertake collaborative projects which offer opportunities for long-term interaction with academia and industry.
- Develop human potential to its fullest extent so that intellectually capable and imaginatively gifted leaders can serve in a diverse range of professions.

CORE VALUES

- Academic Excellence
- Research & Innovation Delivery

- Nation Building
- Social & Environmental Responsibility
- Human values and Intellectual Knowledge

MODY UNIVERSITY

HALLMARKS

- Mody University has a campus that is aesthetically designed and marked with 73 state-of-the-art buildings with a built-up area of more than one lakh square meters and 10kms of internal campus roads.
- State-of-the-art 55 Laboratories including 16 computer laboratories.
- Enviable infrastructure amidst scenic lush green, environment friendly backdrop and a campus which is an epitome of tranquillity. It is an ISO 14001:2004 certified university campus.
- Educational initiatives exclusively for the women of today and tomorrow.
- Multi-discipline courses with inter-disciplinary options. Faculty student ratio is 1:12.
- Mody University has a collection of 60,442 books under 22,829 titles. It subscribes to 2525 E-journals/ E-Database, 215 National Journals/Magazines & 35 International Journals, Digital Library has a wide collection of soft resources.
- The whole campus is Wi-Fi enabled and also having internet connectivity through 70 Mbps leased line. 01 Gbps leased line is also installed under the scheme of National Knowledge Network (NKN), Government of India.
- Creating a global outlook through foreign language courses in Chinese, French, German, Japanese and Spanish.
- Five-star residential facilities (A.C. and Non-A.C Rooms), exquisite Dining hall and Cafeteria, Fully Wi-Fi campus; and 100% power backup.
- Two State-of-the-art Auditoriums with the capacity of 350 and 1100 people respectively
- Floodlit Lawn Tennis Courts and Playgrounds of International Standards are spread in an area of 17.5 acres. There is an Equestrian wing consisting of 55 horses with an Olympian trainer.
- A 100% power backup with 2555KVA power supply from its own powerhouse ensures uninterrupted studies as well as computer and Internet connectivity for students.

- Fully equipped Clinic with two Resident Lady Doctors and female nursing staff. Two ambulances are available round the clock in the campus.
- Shuttle bus facility for students to commute within the campus.
- A lotus-shaped aesthetically designed temple and meditation hall (Tapovan) for praying, yajna and meditation. Daily Yoga classes in the meditation hall.
- Excellent Placement in world's leading MNCs
- Mody University is running several Research Projects sponsored by Government Agencies.
- MoUs with various international universities and renowned research institutions and international internships and fellowships for students international scholarships and internships offers from the top-notch companies and research laboratories like GE Foundation, USA and GSI, Darmstadt, Germany.
- Strong Industry-Academia Interface culminating in record placement in MNCs and top notch Indian Companies like Infosys, Accenture, Ericsson, IBM, TCS, Wipro, Bank of Baroda, Deutsche Bank, Punjab National Bank, Patni Computers, HCL Technologies, Citi Financial, ICICI, ICFAI, Satyam Mahindra, IFB, I flex, Motorola, Nokia, Siemens Networks, ST Microsystems, Texas Instruments, etc.
- Foreign and NRI students are also admitted.

Chairman's Message



SHRI R.P. MODY
CHAIRMAN

I have always been passionate about educating women because I strongly believe that they possess unlimited potential and with the right education and encouragement, they can move mountains.

I believe that “knowledge is the beginning of spirituality“ and if we can inculcate the rich Indian values, heritage and age old traditions infused in science, a flawless character can be developed.

This led to the foundation of Mody University of Science and Technology in the University town of Lakshmangarh, Rajasthan. The University is the Leading and foremost educational hubs for Women in the country, with more than 10,000 women graduating from various schools since its inception.

The University is built with the objective of nurturing excellence in every woman through an experienced faculty, world class infrastructure at the campus which is set in beautiful and secure environment.

President's Message

The University has always been at the helm of educating, nurturing and positively shaping the young minds of students who join every year. Innovation and advancement is the core of our University and we are proud of its many achievements. Each year, research papers, articles and numerous books covering a vast array of topics are published by our eminent faculty members. Students not only excel in academics, but also in sports and other co-curricular activities. Our students have won laurels at various national and international competitions and our brimming mantle bears witness to their multi-faceted excellence.

The underlying precept of Mody University is “Learning is the beginning of spirituality.” It is our unflinching belief that enriching the minds and nourishing the souls of students is an integral part of education to ensure their academic, intellectual and spiritual evolution. Our sprawling green campus and its serene setting, state of the art infrastructure, high-tech laboratories aid in honing their skills and providing them with an environment where they can learn, grow and thrive. Spirituality is in the ambience of Mody University.

We aim at being the University where students come not only to study and get exceptional placements, but also where their imaginations fly high and their aspirations find a home. We are here because we believe that women will lead us into a future filled with promises.

Preamble

This Annual Report for 2019-20 highlights the current state of Mody University of Science and Technology and its achievements over the past one year. We are glad to say that the progresses made in the last year are in-line with the priorities defined in the University Strategic Plans. During 2019-20, the MUST is finalizing last phase of accreditation by IET, UK for all engineering departments after successful completion of advisory visit. During 21-22 February 2020, MUST has organized two days International Conference entitled “International Conference on Emerging Trends in Communication, Control and Computing (ICONC3-2020)” & CSI-National Student Convention which was highly appreciated by the participants. During the same academic year IET on Campus, IETE Students’ Forum and ACM Student Chapter got established. As on date, more than 90% of the faculty members in the Institute are Ph.D. which is a remarkable achievement for academic and research purpose. The Institute envisages 100% PhD qualified faculty members in next coming years. In the current academic year, as whole world is facing COVID-19 pandemic situation, MUST started for online teaching learning process to provide better education during complete lockdown.

Table of Contents

Sr. No.	Title	Page No.
1	Introducing Mody University	i
2	About the University	ii-iii
3	Hallmarks	iv-v
4	Chairman's Message	vi
5	President's Message	vii
6	Preamble	viii
7	Cultural Activities	1-2
8	Extension and Outreach programs	3
9	Faculty Development Programs	4-6
10	Sports Activities	7-8
11	Research, Innovations and Extension: Promotion of Research and Facilities	9
12	Student's Fellowship	10
13	Workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development	11
14	Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students	12-13
15	Patents published/awarded	14
16	Research paper	15-27
17	Books and chapters in edited volumes published	28-35
18	Awards received by the Institution, its teachers and students from Government /Government recognized bodies in recognition of the extension activities	36
19	Collaborative activities with other institutions/ research establishment/industry for research and academic development	37-39
20	Gender equity promotion programs organized by the institution	40
21	MoUs with institutions/ industries	41-44

Cultural Activities

Session 2019-2020

- An orientation was given on 25th July, 2019 to first year students.
- Quiz Competition on “Knowledge of Chemistry” was organized on 30th July.
- Solo Dance Competition was held on 3rd August 2019 for UG & PG students of School of Liberal Arts and School of Sciences.
- On 15th August, **Independence day** was celebrated at Mody University.
- Krishna Janmashtami was celebrated on 24th August 2019 with full fervor and zeal as cultural education is an essential aspect of the curriculum.
- On 5th September, **Teacher’s day** was celebrated at Mody University.
- A spiritual talk was delivered by Brahm Kumari Chitra Khandelwal Ji in Mody University of Science and Technology, Lakshmgarh on 10th September 2019.
- Engineer’s Day was celebrated on 15th September, 2019.
- Fresher’s party was organized on 28th September, 2019.
- On the occasion of Gandhi Jayanti, a Debate competition on ‘All drugs should be legalized’ was organized by, School of Liberal Arts on 2nd October 2019.
- On 24th November 2019 a group dance competition was organized by School of Liberal Arts and Sciences.
- Mody University Founder’s Day Celebrations (FDC) held on January 22nd to 26th January 2019.
- Alumini Meet was held at 24th January, 2020.
- Mody University celebrated Republic Day on 26th January, 2020.
- Poster Making Competition on “Environmental Awareness” was organized on 30th January by School of Liberal Arts and Sciences.

- To keep the literary bud chiseled, the Department of Arts, School of Liberal Arts and Sciences, organized an Essay Writing Competition on ‘Women Empowerment’, on 7th February, 2020.
- Inter College Fest and in house activities were performed 2nd -21st February, 2020.

MODY UNIVERSITY

Extension and Outreach programs

Session 2019-2020

Extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc. (including Government initiated programs such as Swachh Bharat)

S.No.	Name of the scheme	Name of the activity
1	UBA	Household Survey and Street play (Bau & Bhuriya ka Bas)
2	NSS	WORLD ENVIRONMENT DAY
3	NSS	INTERNATIONAL YOGA DAY
4	NSS	Constitution day
5	NSS	World Energy Conservation Day
6	NSS	Krishna Janmashtmi
7	NSS	Ganesh Chaturthi
8	NSS	World Tourism Day
9	NSS	NSS Day Celebration
10	NSS	Human Rights Day
11	NSS	The National Youth day
12	NSS	One Day National Seminar on Women Empowerment, Gender Justice and the Role of Law – Inequalities Re-examined (an Indian Perspective).
13	NSS	Constitution Day
14	NSS	National Lok Adalat
15	NSS	International Women's Day Celebration
16	NSS	Mask Stitching
17	NSS	Tree Plantation
18	NSS	Presentation on Mental Health
19	UBA	Baseline Household Survey (Phase-III) in Village Bau and BhuriyaKa Bas
20	Extension Activity	Independence Day Celebration (15 th Aug., 2019) by Karuna
21	Extension Activity	Cloth distribution to Labours (19 th October 2019)
22	Extension Activity	Children's Day Celebration at Bal Seva Sadan School (14 th November 2019)

Faculty Development Programs

Session 2019-2020

S.No	Title	Organizer	Date From	Date To
1	Pedagogical Innovation in Foreign Language Teaching	School of Liberal Arts & Sciences	13-07-2020	18-07-2020
2	FDP on Enterprenureship Development	School of Engineering and Technology	02-03-2020	14-03-2020
3	Department of CSE organized One Week FDP on MODERN TRENDS OF CLOUD COMPUTING AND ITS INDUSTRY PERSPECTIVE	School of Engineering and Technology	01-07-2019	05-07-2019
4	Recent Advances in Nanoscience Research	School of Liberal Arts & Sciences	02-09-2019	06-09-2019
5	Five day workshop on “Data Analytics” conducted by IBM research center for CSE faculty members at CSE-PG Lab	School of Engineering and Technology	03-06-2019	07-06-2019
6	Five days Faculty development programme on “Modern Approaches of Chemical Science and Nanomaterials”	School of Liberal Arts & Sciences	05-11-2019	09-11-2019
7	How to Write Research Paper	School of Law	09-12-2019	13-12-2019
8	4th FDP on Research Methodology	School of Business	11-11-2019	15-11-2019
9	FDP on ISSUES, CHALLENGES AND MITIGATION ON ENTREPRENEURSHIP DEVELOPMENT IN INDIA	School of Engineering and Technology	02-03-2020	14-03-2020

10	4th FDP on Communication and Interpersonal Skills	School of Business	04-05-2020	08-05-2020
11	FACULTY DEVELOPMENT PROGRAMME (FDP) ON Recent Trends In Linear Algebra and Fixed Point Theory Applications in Applied Sciences with	School of Liberal Arts & Sciences	06-01-2020	11-01-2020
12	Online FDP on "Sustainable Design"	School of Design	10-02-2020	15-02-2020
13	4th FDP on Contemporary Issues in Management, Economics and Commerce	School of Business	11-03-2020	15-03-2020
14	Applicatin of Biotechnology and Biochemistry in Plant, Animal and Microbial Research	School of Liberal Arts & Sciences	11-05-2020	23-05-2020
15	Online Faculty development programme on "EXPLORING SELF: A NEW PARADIGM IN EDUCATION"	School of Liberal Arts & Sciences	14-04-2020	18-04-2020
16	FDP on "Design Empathy & Applications"	School of Design	16-09-2019	21-09-2019
17	Department of ME organized One Week FDP ON Advances in Engineering Materials and Applications	School of Engineering and Technology	16-12-2019	20-12-2019
18	4th FDP on IT Tools for Teaching Pedagogy	School of Business	17-06-2019	21-06-2019
19	Department of ECE organized One Week FDP on Advances in Antenna Technology for Mobile Communication	School of Engineering and Technology	18-11-2019	23-11-2019
20	4th FDP on Teaching Methodology	School of Business	20-07-2019	24-07-2019

21	Faculty Development Program: Recent trends in Biomedical Materials	School of Engineering and Technology	25-05-2020	29-05-2020
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MODY UNIVERSITY

Sports Activities

Session 2019-2020

S.NO	EVENT	PLACE	GAMES	PRIZES	DURATION
1	UDGHOSH'19	IIT Kanpur	TABLE TENNIS FOOTBALL	GOLD: 11 BRONZE: 4	27/09/2019 to 29/09/2019
2	SPARDHA'19	IIT BHU	VOLLEYBALL TABLE TENNIS ATHLETICS TAEKWONDO	GOLD: 5 SILVER: 12 BRONZE: 1 BEST PLAYER: 2	18/10/2019 to 20//10/2019

LIFE SKILL DEVELOPMENT

YOGA ACTIVITIES (1-July-2019 to 25-August-2019)

Following Aasanas were the part of yoga activities

1. In DISTRICT YOGA COMPETITION on 31st July 2019 held at Sikar in which Ms. Muskan Bengoli of School of Law achieved SILVER MEDAL.
2. Sudhikriya, Shanakprakshalan, Surya Namaskar, Sitting, Supine, Prone, Nadi Shodhan And Kriya Shanti Mantra etc.
3. An Inter school competition was organized during 28/8/19 to 29/8/19.

YOGA ACTIVITIES (2-September 2019 to 05-October 2019): Sudhikriya, Surya Namaskar, Sitting, Supine, Prone, Nadi Shodhan and Kriya Shanti Mantra etc

1. In **Open State Yoga Competition** held at Delhi on 23rd September 2019, Ms. Muskan Bengoli of School of Law achieved **GOLD MEDAL** and Ms. Aditi Tiwari of School of Engineering and Technology achieved **SILVER MEDAL** at this competition.
2. A competition was organized for Surya Namaskar on 4 and 5 October.
3. Between 5th to 22nd October exercises for mind relaxation therapies (Trataka with “OM” Chanting) was performed.

YOGA ACTIVITIES (4-November 2019 to 31 December 2019):

Following Aasanas were the part of yoga activities:

1. Prayer, Loosening, Standing series, Sitting, Advance, Asana (Head stand, Vrashik asana), Rhythmic, Pranyama, Shanti Mantra

Research, Innovations and Extension: Promotion of Research and Facilities

Seed money to its teachers for research (average per year INR in Lakhs)

S.No.	Name of the teacher provided with seed money	Status	The amount of seed money (INR in Lakhs)	Year of receiving	Duration(In Years)	Title
1	Dr Sarita Khaturia	Completed	220000	2019-20	1	Plant Extract Mediated Synthesis fo Various nanoparticles and their Applications
2	Dr Harish Kumar Dhingra	Completed	168000	2019-20	1	<i>Bioethanol Production from Cellulosic Waste using Native strains of Saccharomyces cerevisiae</i>
3	Dr R S Chundwat and Dr Rakesh Kumar Verma	Ongoing	800000	2019-20	3	Identification of the Fluoride Resistance Rhizobacteria and Molecular Study of toxicity Protection Mechanism
4	Dr. A. senthil	Completed	50000	2019-20	1	Drones
5	Dr Sarita Khaturia	Completed	220000	2019-20	1	Plant Extract Mediated Synthesis fo Various nanoparticles and their Applications
6	Dr Harish Kumar Dhingra	Completed	168000	2019-20	1	<i>Bioethanol Production from Cellulosic Waste using Native strains of Saccharomyces cerevisiae</i>

JRFs, SRFs, Post-Doctoral Fellows, Research Associates and other research fellows enrolled in the institution

<u>S.No</u>	Name of the Research fellow	Academic Session	Type of the fellowship	Granting agency
1	Ms. Sonia	2019-20	UGC NET JRF	UGC

Workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development

S.N.	Year	Name of the workshop/ seminar	Number of Participants	Date From – To
1	2019-20	Entrepreneurship Awareness Camp	85	11-13, Nov, 2019
2	2019-20	Faculty Development Programme on Entrepreneurship	34	02-14, March, 2020
3	2019-20	Workshop on Innovations And Patient Rights	41	21st Nov
4	2019-20	Critical study of the domestic violence act	29	29th, August, 2019
5	2019-20	Right to privacy with reference to IT Act, 2000	40	18th October 2019
6	2019-20	Introduction to New JJ act, 2015	49	26-27th, November, 2019
7	2019-20	E-classes A Bane or Boon	53	24th, January, 2020

Number of awards / recognitions received for research/innovations by the institution/teachers/research scholars/students

S.N.	Year of Award	Title of the innovation	Name of the Awardee	Name of the Awarding Agency with contact details
1	2019-20	Best Teacher Award	Dr. Sunita Kumari	Mody University of Science and technology
2	2019-20	Best Teacher Award	Ms. Kiran Tiwari	Mody University of Science and technology
3	2019-20	Best Teacher Award	Dr A S Rao	Mody University of Science and technology
4	2019-20	Best Teacher Award	Prof. Sukriti Khatri	Mody University of Science and technology
5	2019-20	Best Teacher Award	Dr. Sukhvir Singh	Mody University of Science and technology
6	2019-20	Best Teacher Award	Ar. Mahesh Kumar	Mody University of Science and technology
7	2019-20	Best Research Award	Dr. Puneet Gupta	Mody University of Science and technology
8	2019-20	Best Research Award	Dr. Aseem Paliwal	Mody University of Science and technology
9	2019-20	Best Research Award	Dr Tathaghata Ghosh	Mody University of Science and technology
10	2019-20	Best Research Award	Dr. Rajesh Sharma	Mody University of Science and technology
11	2019-20	Best Research Award	Dr. Smriti Agarwal	Mody University of Science and technology
12	2019-20	Best Research Award	Ar. Chavi Jain	Mody University of Science and technology
13	2019-20	Young Researcher Award (Female)	Dr. Sangeeta Jhanjharia	Institute of Technical and Scientific Research Contact Details: itsrjpr@gmail.com

14	2019-20	Recipient of Academic Leader of the Year 2019 by Integrated Chambers of Commerce and Industry	Dr. V. K. Jain	Integrated Chambers of Commerce and Industry
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Patents published/awarded

2019-20

S.No.	Name of the Teacher	Patent Number	Title of the patent	Year of Award / publish of patent
1	Prof. K. L. Ameta (Indian Patent)	Patent App. No. 202011017813A	A Novel Heterocyclic Bismuthine Compound for Bio-medical Application and Method of Synthesis Thereof.	19-06-2020(P)
2	Prof. K. L. Ameta (Indian Patent)	Patent App. No. 202011020255A	A Novel Bismuthino for Bio-medical Application and Method of Synthesis Thereof.	19-06-2020(P)
3	Prof. K. L. Ameta (International Wipo-PCT Patent)	PCT/IB2020/055449	METHOD OF SYNTHESIS AND BIOMEDICINAL APPLICATIONS OF NOVEL HETEROCYCLIC BISMUTHINE	10-06-2020
4	Dr. Smriti Agarwal (Indian Patent)	Patent App. No. 202011023472A (Application No.)	A PROCESS OF PREPARING A HERBAL FACE MASK	26-06-2020
5	Dr. Praneet Saurabh (Indian Patent)	Patent App. No. 202031022084	A NOVEL WIND POWERED IOT BASED SUSTAINABLE ORGANIC COMPOST MACHINE	12-06-2020

Research papers of teachers in the Journals

2019-2020

S.No	Title of paper	Name of the author/s	Name of journal
1	Detection of DDoS Attacks Using Machine Learning in Cloud Computing	Sharma Vishal, Verma Vinay, Sharma Anand	Advanced Informatics for Computing Research
2	A Detail Dominant Approach for IoT and Blockchain with their Research Challenges	Vishal Sharma, Niranjana Lal	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3)
3	Technological Review on Green Fuel	Mukul Paliwal, Vivek Pandey, Atul Kumar, Vikrant Sharma	International Journal for Research in Engineering Application & Management (IJREAM)
4	Performance Characteristics of Diesel Engine on Sesame Oil-Diesel Blended Fuel	Vivek Pandey, Mukul Paliwal, Atul Kumar, Vikrant Sharma	International Journal for Research in Engineering Application & Management (IJREAM)
5	Impact of Internet of Things (IoT) on Automobile	Vivek Pandey, Atul Kumar, Mukul Kant Paliwal and Vikrant Sharma	Mody University International Journal of Computing and Engineering Research

6	A Survey on the Status of Cellular Manufacturing System Implementation in Indian Manufacturing Industries	4. Vikrant Sharma, B.D. Gidwani	Journal of Production Research & Management
7	Implementation model for cellular manufacturing system using AHP and ANP approach	5. Vikrant Sharma, B.D. Gidwani, Vikram Sharma and M.L. Meena	Benchmarking: An International Journal
8	An efficient neural network based approach for the detection of breast cancer	Somil Jain, Puneet Kumar	International Journal of Advanced Science and Technology
9	Attribute Based De-Duplication Method	Dinesh Mishra, Sanjeev Patwa	International Journal Of Scientific & Technology Research
10	Thermal Performance Analysis on Staggered Finned Absorber Solar Air Heater	Ajeet Kumar, Atul Kumar, T. Thirumalai	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)
11	Performance Characteristics of Diesel Engine on Sesame Oil-Diesel Blended Fuel System	Vivek Pandey, Mukul Paliwal, Atul Kumar, Vikrant Sharma	International Journal for Research in Engineering Application & Management (IJREAM)
12	Wind-Solar Hybrid Power System	Atul Kumar, Mukul Paliwal, Vivek Pandey	International Journal for Research in Engineering Application & Management (IJREAM)

13	Modelling and simulation of photovoltaic thermal cooling system using different types of nanofluids	Sanjeev Jakhar, Mukul Paliwal, Atul Kumar	Springer
14	REVIEW STUDY ON DIFFERENTIAL TRANSFORM FOR LAPLACE EQUATION	Arvind Maharshi and Aarti Rani	Journal of Indian Acad. Math
15	Review Study on Effect of Eccentricity on Conjugate Free Convection in Eccentric Annuli with Vertical Position	Arvind Maharshi	International Journal of Advanced Science and Technology
16	On Convergence of Different Quadrature Rules of Numerical Integration and Error Estimations	Arvind Maharshi	Solid State Technology
17	Performance Characteristics of Diesel Engine on Sesame Oil-Diesel Blended Fuel	Vivek Pandey, Mukul Paliwal, Vikrant Sharma, Atul Kumar	International Journal for Research in Engineering Application & Management (IJREAM)
18	Experimental and theoretical analysis of hybrid concentrated photovoltaic/thermal system using parabolic trough collector	Nikhil Gakkhar, Manoj K Soni and Sanjeev Jakhar	Applied Thermal Engineering (Elsevier)
19	Experimental investigation of exergy performance of a water cooled hybrid photovoltaic thermal collector	Nikhil Gakkhar, Manoj K Soni, Sanjeev Jakhar	International journal of exergy
20	An insight into Parkinson's disease: researches and its complexities	Angana Saikia, Masaraf Hussain, Amit Ranjan Barua, Sudip Paul	Smart Healthcare for Disease Diagnosis and Prevention
21	Application of Deep Learning for EEG	Angana Saikia, Sudip Paul	Handbook of Research on Advancements of Artificial

			Intelligence in Healthcare Engineering
22	EEG Signal Processing and Its Classification for Rehabilitation Device Control	Angana Saikia, Sudip Paul	Application of Biomedical Engineering in Neuroscience
23	Deep Learning in Computational Neuroscience	Sanjay Saxena, Sudip Paul, Adhesh Garg, Angana Saikia, Amitava Datta	Challenges and Applications for Implementing Machine Learning in Computer Vision
24	Performance Analysis of Artificial Neural Network for Hand Movement Detection from EMG Signals	Angana Saikia, Sushmi Mazumdar, Nitin Sahai, Sudip Paul, Dinesh Bhatia	IETE Journal of Research, Taylor and Francis Online
25	Deep Learning and its Importance for Early Signature of Neuronal Disorders	Sudip Paul; Jitendra Kumar Verma; Amitava Datta; Rabindra Nath Shaw; Angana Saikia	2018 4th International Conference on Computing Communication and Automation (ICCCA)
26	EEG-EMG Correlation for Parkinson's disease	Angana Saikia, Masaraf Hussain, Amit Ranjan Barua, Sudip Paul	International Journal of Engineering and Advanced Technology (IJEAT)
27	Performance Analysis of various Neural Network functions for Parkinson's disease Classification using EEG and EMG	Angana Saikia, Masaraf Hussain, Amit Ranjan Barua, Sudip Paul	International Journal of Innovative Technology and Exploring Engineering (IJITEE)
28	A Systematic review on	Angana Saikia1,	International

	Application based Parkinson's disease Detection Systems	Vinayak Majhi, Masaraf Hussain and Sudip Paul	Journal on Emerging Technologies
29	Investigation of Precise Molecular Mechanistic Action of Tobacco-Associated Carcinogen 'NNK' Induced Carcinogenesis: A System Biology Approach	Anukriti, Anupam Dhasmana, Swati Uniyal, Pallavi Somvanshi, Uma Bhardwaj, Meenu Gupta, Shafiul Haque, Mohtashim Lohani, Dhruv Kumar, Janne Ruokolainen and Kavindra Kumar Kesari	Genes- MDPI
30	Loss of Identity is Central to Kiran Desai's The Inheritance of Loss	A S Rao	Alochna Chakra Journal
31	Feminist Consciousness and Traditionalism in Dollar Bahu by Sudha Murthy	Shakun Joshi, Ashok Singh Rao	International Journal of English Literature and Social Sciences (IJELS)
32	Orthodox Belief and Social Stigma in Sudha Murthy's Novel	Shakun Joshi, Ashok Singh Rao	International Journal of English Language, Literature and Humanities (IJELLH)
33	From Suffrage to Universal issues: Evolution of Feminism	Shakun Joshi, Ashok Singh Rao	Sustainable Humanosphere (SCI listed)
34	ii Case study for Vinayak Restaurant Queuing Model.	Garima and Priya	International Journal of Applied Mathematics & Statistical Science

			(IJAMSS)
35	Synthesis, Spectroscopic and Theoretical Studies of Organotin(IV) and Organosilicon(IV) Complexes of Schiff bases Derived from Tryptophan and Phenylalanine	Har Lal Singh *, Anupama Sharma and Sunita Bhanuka	Journal of Applicable Chemistry
36	A Study of Modeling and Simulation of Graph Pebbling with Impetus of Interdisciplinary Exploration	Jitendra Binwal and Aakanksha Baber	International Review of Pure and Applied Mathematics
37	A Review of Analytical Study of Some Aspects of Mathematical Modeling and Simulation of Probability Distributions with Impetus of Random Number Generations	Jitendra Binwal	International Journal of Mathematical Sciences and Engineering Applications (IJMSEA)
38	A General Comparative Study of Some Aspects of Graph Isomorphism	Jitendra Binwal and Aditi Sai	Journal of Indian Academy of Mathematics
39	Tannin Degradation by Phytopathogen's Tannase: A Plant's Defense Perspective.	Sharma K P	Biocatalysis and Agricultural Biotechnology
40	Production, Purification and Characterization of pectin lyase from Bacillus subtilis isolated from moong beans leaves (Vigna radiata).	Ritu Saharan, Sharma KP	Biocatalysis and Agricultural Biotechnology
41	Isolation, Screening and Identification of Yeast for Pectinolytic Activity.	Saharan R, Sharma KP	Annals of Agri Bio Research
42	Nutritional characteristics of biscuits prepared from flour of minor millets and pods of Prosopis cineraria (L.)	Poornima Saraswat, ParasYadav , R K Gaur, Rajesh Kumar, Sharma KP.	Annals of Agri Bio Research
43	Quality evaluation of syrup food models derived from Prosopis cineraria (L) Druce ripened pods	Poornima Saraswat, ParasYadav , R K Gaur, Sharma KP	Annals of Arid Zone

44	Evaluation of Alkaline Pectin Lyase of Pseudomonas sp for Textile Industry Effluent Management	Ritu Saharan and Kanti Prakash Sharma	Pollution Research
45	A Versatile Pre and Post Ugi Modification for the Synthesis of Natural Product Inspired Fused Peptide-Carboline Scaffolds as Potential Anti-Leishmanial Agents	Irfan Khan, Jaybir Singh, Vivek Kumar, Ved Prakash Verma, Monika Shukla, Anupam Dhasmana, Puspendera Singh Naruka, Ajay Kumar Goswami, Keshav Lalit Ameta, and Shahnawaz Khan.	Chemistry Select
46	Simultaneous determination of Hg(II) and Cu(II) in water samples using fluorescence quenching sensor of N-doped and N,K co-doped graphene quantum dots	Chayanee Kaewproma , Yonarpach Areerobb , Won-Chun Oh , Keshav Lalit Ameta and Saksit Chanthai	Arabian Journal of Chemistry (Elsivier)
47	Anti-microbial and anti-tumor studies of newly synthesized 2-(4-morpholinyl)-4,6-diarylpyrimidines using nanosized NiO catalytic framework	Priyanka Khyaliya, Ahanthem Priyanca Devi, Sudesh Kumar, Ravi Kant, and Keshav Lalit Ameta	Chemical Biology Letters
48	Changes in Ecophysiology, Osmolytes, and Secondary Metabolites of the Medicinal Plants of Mentha piperita and Catharanthus roseus Subjected to Drought and Heat Stress.	Alhaithloul, H.A.; Soliman, M.H.; Ameta, K.L.; El-Esawi, M.A.; Elkelish	Biomolecules (MDPI)
49	Skeletal Diversity in Catalytic Synthesis of (1,3-Oxazacycloalk-3-ylmethyl)-Substituted Pyrroles	V. R. Akhmetova, E. M. Bikbulatova, R. V. Kunakova, K. L. Ameta, and A. G. Ibragimov	Russian Journal of General Chemistry
50	Identifying novel inhibitor of quorum sensing transcriptional regulator (SdiA) of Klebsiella pneumoniae through modelling,	Mohammad Z. Ahmed, Ghazala Muteeb, Saif Khan, Ali S. Alqahtani,	Journal Biomolecular Structure and Dynamics

	docking and molecular dynamics simulation	Pallavi Somvanshi, Mohammed S. Alqahtani, Keshav Lalit Ameta and Shafiul Haque	
51	Lucas Sequence and its Properties for Secure Message Encryption and decryption	Kiran Singh Sisodiya(Bais)	TEST Engineering and Management ,Oakland,CA,
52	Multiple Properties of Fibonacci - Like Sequences	kiran singh bais(sisodiya),sonali devra	International Journal of Advanced Science and Technology, Australia, Vol. 29, No. 5s, (2020), Journal of the Gujarat Research Society, Volume 21 Issue 16, December 2019, UGC-CARE List Group: Group D
53	On Solving Lucas and Fibonacci Means-2	Kiran Singh Sisodiya(Bais), Vandana Gupta, V.H.BadshahKiran Singh Bais(Sisodiya)	Journal of the Gujarat Research Society, Volume 21 Issue 16, December 2019, UGC-
54	Fuzzy strongly quasi continuity in Fuzzy Bitopological space	KPS Sisodia	Journal of Indian Acad. Math.
55	Solution of linear and non linear ordinary differential equations using natural decomposition method	Kritika and KPS Sisodia	Journal of Indian Acad. Math.
56	Investigation of Power Transfer between Two Asymmetric	C. Agrawal, V. Takhar and M.	2020 International

	Proximate Plasmonic Waveguides	Mishra	Conference on Emerging Trends in Communication, Control and Computing (ICONC3)
57	Numerical simulation of chain of...nonlocal media.	Nickita Acharya and Manoj Mishra	Frontiers in Optics / Laser Science
58	Giant Nonlinear AlGaAs-Doped Glass Photonic Crystal Fibers for Efficient Soliton Generation at Femtojoule Energy	Mohit Sharma, Vigneswaran Dhasarathan, Julia S Skibina, Murugan Senthil Mani Rajan, S Konar, Thu Trang Hoang, Quang Minh Ngo	IEEE Photonics Journal
59	Towards further understanding the structural requirements of combretastatin-like chalcones as inhibitors of microtubule polymerization	Dhingra N, Kar A, Sharma R.	Current Computer-Aided Drug Design
60	Molecular identification of dye degrading bacterial isolates and FT-IR analysis of degraded products	Shellina khan and Navneet Joshi	Environmental Engineering Research
61	EFFECT OF TEXTILE WASTEWATER IRRIGATION ON SOIL PROPERTIES IN WESTERN RAJASTHAN	Shellina Khan, Navneet Joshi*	Journal of Experimental Biology and Agricultural Sciences
62	Comparative physico-chemical analysis of industrial dye effluents at different sites of Rajasthan, India	Shellina Khan ; Navneet Joshi	Annals of Biology
63	Identification, genetic diversity and recombination analysis of Watermelon Mosaic Virus isolates	Verma, R.K., Mishra, M., Marwal, A, Gaur RK	3 Biotech

64	Identification of Chilli leaf curl virus and associated betasatellite infecting <i>Osteospermum fruticosum</i> in Rajasthan, India	Mishra, M., Verma, R.K. & Gaur, R.K	3 Biotech
65	“Time-Fractional Nonlinear Dispersive Type of the Zakharov-Kuznetsov Equation via HAFSTM“	Hradyesh Kumar Mishra, Rishi Kumar Pandey	Proceedings of the National Academy of Sciences, India Section A: Physical Sciences
66	Isadora as a Mother in Erica Jong’s Fear of Flying	Dr. Sangeeta Jhajharia	Journal of the Gujrat Research Society
67	Self-Realization and Transformation of the Female Protagonist Nora in Henrik Ibsen’s A Doll’s House	Sangeeta Jhajharia	Studies in Indian Place Names
68	Relationship between the Self and Society in Ralph Ellison's Invisible Man	Dr. Sangeeta Jhajharia	Studies in Indian Place Names
69	Quest for Identity and Intellectual Development of the Nameless Black Protagonist in Ralph Ellison’s Invisible Man	Sangeeta Jhajharia	Journal of Critical Reviews
70	Subjugation of Women in Victorian Society with reference to Thomas Hardy’s The Mayor of Casterbridge	Sangeeta Jhajharia	Journal of Critical Reviews
71	Synthesis of N-Containing Energy Material Compounds	Mamta Chahar, Sarita Khaturia and Rohit Verma	Journal of Applicable Chemistry
72	The Uses of Various Nanoparticles in Organic Synthesis: A Review	Khaturia S, Chahar M*, Sachdeva H, Sangeeta, Mahto CB	Journal of Nanomedicine & Nanotechnology
73	"A comparative study on variations in bloodstain patterns due to change in surface angles-	Mayank Kumar Dubey, Dr. Krishna Kumar Patel and	International Journal of Clinical and

	using blood from four common animal species"	Dr.Ruchi Sharma	Diagnostic Pathology
74	"A comparative study on variations in bloodstain patterns due to change in surface -using blood from four common animal species"	Mayank Kumar Dubey, Dr.Ruchi Sharma and Dr.Krishna Kumar Patel	International Journal of Clinical and Diagnostic Pathology
75	Quality Evaluation of Syrup Food Models Derived from Prosopis cineraria (L.) Druce Ripened Pods	Poornima Saraswat, Paras Yadav, R.K. Gaur and K.P. Sharma	Annals of Arid zone
76	Nutritional Characteristics of Biscuits Prepared from Flour of Minor Millets and Pods of Prosopis cineraria (L.) Druce	POORNIMA SARASWAT, PARAS YADAV, R. K. GAUR, RAJESH KUMAR AND K. P. SHARMA	Annals of Agri-Bio Research
77	Performance Evaluation of Banks Sponsored Mutual Funds : An Analytical Study	Manish Didwania	Paradigm
78	Aid-Growth Association and Role of Economic Policies: New Evidence from South and Southeast Asian Countries	Rajesh Sharma	Global Business Review
79	Dynamism between selected macroeconomic determinants and electricity consumption in India: An NARDL approach	Rajesh Sharma	International Journal Social Economics
80	The Impact of External and Internal Market Forces on Inflation in India: An Empirical Investigation	Rajesh Sharma	The IUP Journal of Applied Economics
81	The moderating influence of environmental consciousness and recycling intentions on green purchase behavior	Rajesh Sharma	Journal of Cleaner Production
82	Determinants of pro-environmental behavior and environmentally conscious	Rajesh Sharma	Business Strategy and Development

	consumer behavior: An empirical investigation from emerging market		
83	Value orientation, green attitude and green behavioral intentions: an empirical investigation among young consumers	Rajesh Sharma	Young Consumers
84	Fashion portals and Indian consumers: An exploratory study on online apparel retail marketing	Pradeep Kautish	International Journal of Electronic Marketing and Retailing
85	Study on relationships among terminal and instrumental values, environmental consciousness and behavioral intentions for green products	Rajesh Sharma	Journal of Indian Business Research
86	Managing online product assortment and order fulfillment for superior E-tailing service experience: An empirical investigation	Rajesh Sharma	Asia Pacific Journal of Marketing and Logistics
87	Synthesis of novel 4-(4-methoxybenzene sulphonyl)-3, 5/3-methyl-5-phenyl/3, 5-diphenyl/3, 5-dimethyl-1-phenyl/3-methyl-1,5-diphenyl/1,3,5-triphenyl pyrazole	S S Chauhan	Rasayan Journal of Chemistry
88	Papaya yellow leaf curl virus: A newly identified begomovirus infecting Carica papaya from the Indian Subcontinent	R K Gaur	The Journal of Horticultural Science and Biotechnology
89	Corporate Restructuring In India Through Demergers: Examining The Sufficiency Of Available Laws In Regulating Its Various Aspects	Shrawani Shagun	International Journal of Advance and Innovative Research, Volume 6 issue 2, (XII)

90	Doha Declaration: Compulsory Licensing and Access to Drugs	Kiran Tiwari	Global Journal of Medical Research: B Pharma, Drug Discovery, Toxicology & Medicine
91	Doha Declaration: Compulsory Licensing and Access to Drugs	Kiran Tiwari	Global Journal of Medical Research: B Pharma, Drug Discovery, Toxicology & Medicine
92	Case Study of Vinayak Restautant Queuing Model.	Garima, Priya	International Journal of Applied Mathematics & Statistical Science (IJAMSS)
93	Characterization of defective genome of begomovirus Infecting Cape Daisy	Mishra M, Gaur RK, Verma RK*	Annals of Biology
94	Metamaterial-plasma Based Hyperbolic Material for Sensor, Detector and Switching Application at Microwave Region	Ashish. Kumar, Narendra Kumar, G. N. Pandey, D. Singh, and K. B. Thapa,	IOP: Journal of Physics: Condensed Matter (UK)

Books and chapters in edited volumes published

2019-20

S.No	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference
1	Dr. Brajraj Singh	NA	Dielectric Properties Measurement of Some Fresh Vegetables in Microwave Region	International Conference on Recent Advances at Interfaces of Physical and Life Sciences (RAIPLS-2019)
2	Dr. Jitendra Binwal	NA	Rubbling Number of Undirected Bipartite Graph with Impetus of Python Coding	, Proceedings of International Conference on Applied Mathematics and Computational Science(ICAMC S-2019)
3	Dr. Mohit Sharma	Advances in Photonic Crystal and Devices / Introduction of photonic crystal fibers	NA	NA
4	Dr. Mohit Sharma	Advances in Photonic Crystal and	NA	NA

		Devices / Supercontinuum generation in photonic crystal fibers		
5	Dr. Narendra Kumar	1. Advances in Photonic Crystals and Devices	NA	NA
6	Dr. Narendra Kumar	2. Effects of Various Parameters on Band Structure of Extrinsic Magnetized Cold Plasma Photonic Crystal	NA	NA
7	Dr. Narendra Kumar	3. Tunable Broadband Reflector Using a One-Dimensional Photonic Crystal Containing Metamaterial with Symmetrically Introduced Magnetized Cold Plasma	NA	NA

		Defect		
8	Dr. Narendra Kumar	NA	Broadband Reflector of 1D Photonic Crystal Containing TiO ₂ /SiO ₂ Material at Visible Region	AIP
9	Dr. Narendra Kumar	NA	Analysis of the Impact of Graphene Coating on Reflectivity of a Silicon Substrate for Optoelectronic Devices	ICC
10	Dr. Narendra Kumar	NA	Tunability of Band Structures in a 1-D Magnetized Plasma Photonic Crystal	ICC
11	Dr. Narendra Kumar	NA	Low Cost Synthesis of ZnO Nano-particles, and Characterization Study for the Device of Water Disinfection	ICC, Bikaner
12	Dr. Narendra Kumar	NA	Temperature Dependent Band Structure behavior of Superconductor -Dielectric Photonic Crystal	ICC, Bikaner
13	Dr. Navneet Joshi	Development of salt tolerant mutants of Pseudomonas	NA	NA
14	Dr. Rakesh Kumar Verma	Genomics and Molecular Mechanisms of Plant's Response to	NA	NA

		Abiotic and Biotic Stresses		
15	Dr. Rakesh Kumar Verma	Mastreviruses in the African World: Harboring Both Monocot and Dicot Species	NA	NA
16	Dr BS Rathore	Evidence Based Management (ICEBM)	Implications of Worldwide Benchmarking on Employees' Performance: A Study of Indian Textile Industry	Evidence Based Management (ICEBM) 2019
17	Atul Kumar	NA	Effect on COP due to superheating of refrigerant before compression while working under same operating pressure	International Conference on New and Renewable Energy Resources for Sustainable Future (ICONRER-2019)
18	Dr. Purnima Sharma	NA	A Novel Planar Inverted-F Antenna for Dual Band Operations	2020 International Conference on Emerging Trends in Communication, Control and Computing (ICONC3)

19	Dr. Sanjeev Jakhar	Solar Energy Technologies and Water Potential for distillation - A Pre Feasibility Investigation for Rajasthan, India	NA	NA
20	Dr. Sudhir Y Kumar	Ultra-Capacitor based Hybrid Energy Storage System for Electric Vehicle	NA	NA
21	Dr. Sunita Kumari	NA	A Review on Bidirectional DC to DC Converter Topologies and their role in Renewable Energy Applications	International Conference on Emerging Trends in Communication, Control and Computing
22	Dr. Th. Paras Kumar	NA	NA	NA
23	Dr. V. K. Jain	NA	Shortest Path Algorithms for Sensor Node Localization for Internet of Things	Emerging Trends in Communication, Control and Computing (ICONC3)

24	Mr. Ajay Kumar	NA	Shortest Path Algorithms for Sensor Node Localization in Internet of Things	International Conference on Emerging Trends in Communication, Control and Computing (ICONC3)
25	Mr. Vikrant Sharma	CNC Machines, Industrial Robots and Automation (With FANUC control)	NA	NA
26	Mr. Vivek Pandey	NA	Wind-Solar Hybrid System	Technology Enabling Modernization of Rural India (TMRI-2019)
27	Ms. Aditi Kajala	NA	Diagnosis of Breast Cancer Using Machine Learning Algorithms-A Review	International Conference on Emerging Trends in Communication, Control and Computing (ICONC3)
28	Vishal Sharma, Anand Sharma,	NA	IoT Security Architecture with TEA for DoS attack Prevention	Advances in Information Communication Technology and

				Computing
29	Kumar Sambhav Pareek	The Stances of e-Government: Policies, Processes and Technologies	NA	NA
30	Nisha	Research Frontiers in Sciences Vol. II	Mango peel: A Potential Source of Nutrients	NA
31	Anand Lodha	Introduction of Forensic Nanotechnology as Future Armour	Explosive Detection and Nano Technique	NA
32	Shivangi Sharma	Constitutional Laws in India (BOOK)	NA	NA
33	Aditi Sharma	NA	Noise Pollution, Right to Health & Environment	International Conference on innovation and strategies in Transdiscipline to face the integrated development and environment changes
34	Dr. Anukriti	System Network Biology	NA	NA

		approaches in exploring the mechanism behind mutagenesis		
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MODY UNIVERSITY

Awards received by the Institution, its teachers and students from Government /Government recognized bodies in recognition of the extension activities

S.No.	Name of the activity	Name of the Award/ recognition	Name of the Awarding government/ government recognised bodies	Year of award
1	Distribution of 1500kg Wheat(10-07-2020)	Recognition certificate	Nagarpalika Mandal Laxmangarh-332311 sikar Raj	23-07-2019
2	Distribution of 2000kg Wheat(11-07-2019)	Recognition certificate	Nagarpalika Mandal Laxmangarh-332311 sikar Raj	22-07-2019
3	Distribution of 2500kg Wheat(08-07-2020)	Recognition certificate	Nagarpalika Mandal Laxmangarh-332311 sikar Raj	20-07-2020

Collaborative activities with other institutions/ research establishment/industry for research and academic development

2019-20

S.No	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant
1	Guest Editor	Bentham Science	Dr. A. K. Singh
2	Reviewer	Inter Journal of Computing and Digital Systems	Dr. A. K. Singh
3	Ph.D. Reviewer	Raffles University	Dr. Atul Gaur
4	Reviewer	Recent Patents on Computer Science	Dr. Jeetu Sharma
5	Reviewer	Recent Advances in Electrical & Electronic Engineering	Dr. Jeetu Sharma
6	Editorial Board	IJCST	Dr. Niranjn Lal
7	Guest Editor	Inderscience Publishers	Dr. Niranjn Lal
8	Guest Editor	Inderscience Publishers	Dr. Anand Sharma
9	Guest Editor	Bentham Science	Dr. Niranjn Lal
10	Editorial Board	International Journal Of Scientific Advances	Dr. Th. Paras Kumar
11	Ph.D. Reviewer	Dr. Baba Saheb Ambedkar Marathawada University	Dr. Praneet Saurabh
12	Reviewer	Springer Nature	Dr. Puneet Kumar
13	Editorial Board	Journal of Electronic Research and Application	Dr. Purnima Sharma
14	Reviewer Board	Global Journals USA	Dr. Sandeep

			Jaiswal
15	Ph.D. Reviewer	Satayabhama Institute of Engineering and Technology	Dr. A. Senthil
16	Reviewer	Elsevier	Mr. Vikrant Sharma
17	Ph.D. Reviewer	Banasthali Vidyapeeth	Dr. Vinod Maan
18	Summer Internship Programme	INST Maohali	Vanshika Hinduja
19	Ph.D. Examiner	Jaipur National University	Dr. K. L. Ameta
20	Internship Training FS-06	Regional Forensic Science Laboratory, Northern Range, Dharmashala, Himachal Pradesh Email Id: rfslnrd-hp@nic.in Phone: 01892-222463, 222530	Ms. Reetika Jain
21	Internship Training FS-06	Regional Forensic Science Laboratory, Northern Range, Dharmashala, Himachal Pradesh Email Id: rfslnrd-hp@nic.in Phone: 01892-222463, 222530	Ms. Rishu Agarwal
22	Reviewer	Utilities Policy	Rajesh Sharma
23	Journal Reviewer	Reviewer in a Journal(Janary, 2019) named Tourism Management (Elsevier), also done one Collaborative activity - A WEBINAR ON “The JAPANESE SOCIAL VALUES AND WORK CULTURE” on June 19,2020	Dr. Ashok Rathore
24	Collaborative activity	A collaborative activity	Dr. Ashok

	with other institutions	(Mody University and Japan Foundation) in form of a webinar entitled “The JAPANESE SOCIAL VALUES AND WORK CULTURE” conducted on June 19,2020	Rathore
25	Journal Reviewer	Journal Organometallic Chemistry	Dr. Harlal Singh
26	Journal Reviewer	Journal of Coordination Chemistry	Dr. Harlal Singh
27	Journal Reviewer	Inorganic Chemistry Communication	Dr. Harlal Singh
28	Journal Reviewer	Selected as a member of Executive Committee for 2018 – 2020 for Indian Academy of Mathematics, Indore (M.P.)	Dr. Jitendra Binwal
29	Ph.D Examiner for Other Universities	PhD Examiner Mr Mahesh- JNU jaipur	Dr. Keshav Lalit Ameta
30	Journal Reviewer	Journal Reviewer	Dr. Mohit Sharma
31	Journal Reviewer	I ma reviewer of the journal from last three years	Dr. Naveen Dhingra
32	Chaired Sessions in Conferences/Seminars	At: Sri Aurbiondo Society	Dr. Navneet Joshi
33	Journal Reviewer	Int. J. of Dynamical Systems and Differential Equations	Dr. Rishi Kumar Pandey
34	Chaired Sessions in Conferences/Seminars	Chaired session as resource person	Dr. Sarita Khaturia
35	Chaired Sessions in Conferences/Seminars	Was the resource person and chaired the webinar on Bloodstain Pattern analysis at SAGE University,Indore	Mr. Mayank Kumar Dubey

Gender equity promotion programs organized by the institution

2019-20

S.No	Title of the programme	Date and Duration (from-to)	Number of participants by Gender
1	One Day National Seminar on Women Empowerment, Gender Justice and the Role of Law – Inequalities Re-examined (an Indian Perspective).	29/11/2019	350
2	ADVANCING GENDER EQUITY AND HUMAN RIGHTS THROUGH PROGRAMMES AND POLICIES	03-11-2020	65
3	International Women's day	9-3-2019	45
4	Motivational speech/talk on "Women Empowerment	29-11-2019	70
5	Role Play on Women Empowerment(Nukkad Natak)	27-8-2019	27
6	workshop for women leadership/empowerment	28/09/2019	60
7	Role Play on Women Empowerment	27-2-2019	17
8	Panel Discussion :Social Status of women	9-3-2019	15

MoUs with institutions/ industries

2019-20

S.No	Name of the Organisation/ Institution/ Industry with whom MoU is signed	Year of signing MoU	Duration of MoU	List the actual activities under each MOU year wise	
1	Polytech Nantes, France	June, 2014	5 years	Internship	Students: 07
				Student Exchange	Mr. Martin Foissy
					Ms. Aanchal Agarwal
					Ms. Anukriti Srivastava
					Ms. Shardha Sharma
					Ms. Keerti Gurjar
					Ms. Ekta Yadav
					Ms. Sakshi Srivastava
2	Ecole Des Mines de Nantes, France	Feb-13	10 years	Faculty Exchange	Faculty: 01
					Prof.

					Abdesselam Abdelouas
3	University of North Texas	October, 2014	6 years	Interaction	Faculty: 01
				Faculty Exchange	Prof. Vijay Vaidyanathan
4	University of North Texas	October, 2014	6 years	Internship	Students: 02
					Ms. Muskan Gupta
					Ms. Aditi Singh
5	Polytech Nantes, France	June, 2014	5 years	Internship	Faculty: 02
				Faculty Exchange	Prof. Rane' Le Gall
					Prof. Razban
					Students: 04
					Ms. Twinkle Baradia
					Ms. Meghna Sharma
					Ms. Kritika Tripathi
	Ms. Shraddha Jain				
6	CSIR-CEERI, Pilani	Apr-14	10 years	Dissertation	Students: 02
					Ms. Surabhi Choudhary

					Ms. Priyanka Joshi
7	Ecole Des Mines de Nantes, France	Feb-13	10 years	Faculty Exchange	Faculty: 01
					Prof. Abdesselam Abdelouas
8	Polytech Nantes, France	June, 2014	5 years	Internship	Students: 04
					Ms. Kavita Yadav
					Ms. Supriya Garg
					Ms. Sheetal Gurjar
					Ms. Manvi Mishra
9	CSIR-CEERI, Pilani	Apr-14	10 years	Experimental Work	Students: 01
					Ms. Titiksha Joshi
10	University of North Texas	October, 2014	6 years	Interaction	Faculty: 01
				Faculty Exchange	Prof. Kamesh Namuduri
11	Shodhganga/Shodhgangotri (INFLIBNET) IUC of UGC	18-Jun-19	Lifetime		
12	Vigyan Bharti Rajasthan	30-Oct-18	Lifetime	Vidyrthi Vigyan Manthan 2019-20(-06-09-2019)	Dr K L Ameta

13	Data Security Council of India (DSCI)	10-Jun-19	3 years	Data Security Council of India (DSCI)	
14	Resilience Innovation Knowledge Academy (RIKA)	20-Nov-19	2 Years		
15	InnovationNext	25-Jul-19	Lifetime		

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