

RESUME

Dr. Savita Dixit

M.Phil., Ph.D.

Professor Department of Chemistry

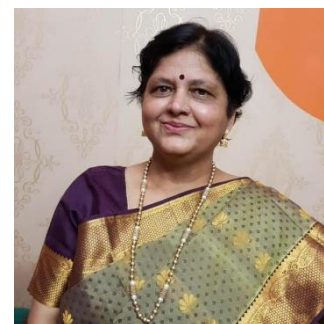
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VISION

To make use of inherent personal and creative potential mingled with hard work so as to carve a niche in the field of Applied Science, Technology and Community cell.

BIOGRAPHY

Dr. Savita Dixit, M.Phil., Ph.D., Professor & Head of Department in Engineering Chemistry, MANIT, National Institute of Technology, Bhopal, India, has 33 years of teaching and research experience at graduate and post graduate levels in Indian Universities. Founder of various student activity programs in MANIT, Bhopal specially, 'Tooryanaad'. Actively involved in research in Natural Products, Composite materials and Environment, guided 25 Ph.D., 15 M. Tech., and more than 50 UG projects has More than 250 research papers in reputed International journals and conferences.

DESCRIPTION

❖ Teaching experience:	More than 33 years
❖ Research Area:	Natural products, Composites & Polymer, Biodiesel
❖ International Academic visits:	06
❖ Patent filed:	05
❖ Patent awarded:	03
❖ Patent published:	02
❖ International journals:	200+
❖ National journals:	15
❖ Google scholar:	1300+
❖ h-index:	25
❖ i-10-index:	40
❖ Research consultancy projects:	07
❖ Ph.D. Guided:	25
❖ M. Tech. Thesis:	15
❖ B. Tech. Thesis:	50

❖ Course/ Workshop conducted (One week):	05
❖ Course/ Workshop organized:	20
❖ Course/ Workshop attended:	85
❖ Conferences attended:	46
❖ Institute level coordinator:	20
❖ Awards and achievements:	20
❖ Member of selection committee:	100
❖ Life time journal membership:	04

EDUCATIONAL QUALIFICATION

S.N.	DEGREE	YEAR OF DEGREE AWARDED	UNIVERSITY	INSTITUTION
1.	M.Sc.	1982	Vikram University Ujjain	Govt. Science College, Ujjain
2.	M.Phil.	1983	Vikram University Ujjain	School of Studies in Chemistry, Ujjain
3.	Ph.D.	1987	Vikram University Ujjain	School of Studies in Chemistry, Ujjain

TEACHING EXPERIENCE

S.N.	INSTITUTE/ UNIVERSITY	POST	DURATION		EXPERIENCE		PB & G-PAY	GROSS SALARY	TEMP/ REGULAR/ PERMANENT
			From	To	Y	M			
1	MANIT, Bhopal	Professor	4/6/2010	Till date	10	10	37000-67000, AGP – 10000 PB 4		Permanent
2	MANIT, Bhopal	Associate Professor	1/1/2006	4/6/2010	7	--	37000-57000, AGP – 9000 PB 4		Permanent
3	MANIT, Bhopal	Assistant Professor	14/7/1994	1/1/2006	10	8	3000-5000		Permanent
4	Sri Satya Sai Institute of Women, B.U. Bhopal	Assistant Professor	7/7/1988	14/7/1994	6	--	UGC Post, 2200 – 4000		Permanent
Total					33	18			

INTERNATIONAL ACADEMIC VISITS

S.N.	VISITED COUNTRY	PURPOSE
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1. England Four months Advance training on Chemistry of Materials at Salford University, England, Feb.98-June 98.
2. Singapore 13th -14th April, 2010 International Conference
3. Bangkok 12th-14th June 2011 International Conference
4. Dubai WASET- Dubai, UAE 8th – 9th October 2012 Session Chair & Presentation
5. Nepal 29th -31st May 2012 International Conference
6. Boston, USA 25th – 26th April 2016 International Presentation (WASET)

PATENT AWARDED

S.N.	TITLE OF THE PATENT	PATENT I.D.	DATE OF FILING	DATE OF GRANT	PATENT STATUS
1.	A PROCESS FOR PRODUCING A RECOVERED LIQUID GAJENDRA DIXIT, SAVITA DIXIT,VIJESH VERMA	350691 128/MUM/2014	15/01/2014	2/11/2020	Awarded
2.	A HERBAL FORMULATION SAVITA DIXIT	343030 806/MUM/2014	11/03/2014	31/07/2020	Awarded
3.	A BIODEGRADABLE COMPOSITE AND METHOD THEREOF SAVITADIXIT, SANKALP DIXIT, GAJENDRA DIXIT	337920 4027/MUM/2014	15/12/2014	03/06/2020	Awarded
4.	METHODS OF MAKING BIODEGRADABLE NATURAL FIBER COMPOSITE USING COW DUNG SAVITA DIXIT, SANKALP DIXIT	383414 1559/MUM/2014	05/05/2014	01/12/2021	Awarded
5.	COMPOSITIONS OF NATURAL FIBER REINFORCED COMPOSITE MATERIAL AND PROCESS THEREOF SAVITA DIXIT, GAJENDRA DIXIT	388237 4587/MUM/2015	14/12/15	01/02/2022	Awarded
6.	A MODIFIED CONCRETE COMPOSITION Dr. GAJENDRA DIXIT , Dr. SAVITA DIXIT,	397383 202021055186	18/12/2020	23/05/2022	Awarded
7.	A PAVER BLOCK AND A COMPOSITION FOR THE SAME	412221 202021055208	18/12/2020	23/11/2022	Awarded
8.	A RECYCLED REINFORCED COMPOSITE	442082 202121005556	09/02/2021	01/08/2023	Awarded/

RESEARCH CONSULTANCY PROJECTS UNDERTAKEN

S.N.	NAME OF SPONSORING AGENCY	PROJECT TITLE	AMOUNT SANCTION	PERIOD OF PROJECT		STATUS
				From	To	
1.	MPCST	To Investigate the Role of Enzyme in the Production of Degummed Biodiesel from Vegetable Oil for CI Engine	4 ,92,000	2011	2014	Completed
2.	MANIT	AID Antioxidant and anticancer activity of combination of some medicinal plants of some Indian origin	14.36 lac	2012	2014	Completed
3.	MANIT	Trans esterification of Biodiesel	12 lacs	2012	2014	Completed
4.	MPCST	Rubaroo	50,000	2011	2012	Completed
5.	MPCST	PRAYAS	50,000	2013	2014	Completed
6.	MPCST	RAJBHASHA	80,000	2013	2014	Completed
7.	MPCST	RAJBHASHA	90,000	2014	2015	Completed

Ph.D. GUIDED/ON-GOING

S.N.	TITLE OF THE THESIS	NAME OF THE CANDIDATE	DEPARTMENT	YEAR OF AWARDED
1.	Aluminium Matrix Particle Composites: Microstructure, Mechanical Properties and Wear Behaviour	Gajendra Dixit	Applied Mechanics (BU)	1997
2.	Mechanism of material removal during abrasive wear of Al-alloy and Sic Particle Composite	Sunita Sawle	Applied Chemistry (BU)	2002
3.	An evolution of various physico-chemical parameters & selective heavy metal concentration in surface waters & soil sediments with reference to the Shahpura lake.	Suchi Tiwari	Chemistry (BU)	2006
4.	Studies on aeration units in restoration of water quality with reference to Upper & Lower lake, Bhopal	Neelam Verma	Chemistry (BU)	2007
5.	Multivariate analysis & comparative study of potable water supply with special reference to Kolar reservoir & upper lake Bhopal.	Charu Parashar	Civil MANIT	2010
6.	Efficiency of Macrophytes in removing heavy metals & nutrients from lake ecosystem, with special reference to Shahpura lake, Bhopal, M.P.	Sangeeta Dhote	TEQIP MANIT	2010
7.	Chemical Investigation and Biological Studies of Medicinal plant constituents from Piper beetle (Leaves and Leaf Stalk) and Butea Monospermous (Flowers and Seeds)	Manjulata Vyas	Chemistry (BU)	2013
8.	Hydro chemical study and status of pollution of ground water quality in the city of lakes Bhopal. (M.P.)	Akhilesh Jinwal	Chemistry (BU)	2011

9.	Phyto remediation of residential and industrial waste water using selected plants.	Archana Dixit	Chemistry (BU)	2015
10.	Rational approaches of drug designing for antifertility active natural products	Shriddha Shukla	Bioinformatics (MANIT)	2014
11.	Chemical investigation and anticancer activity of crude and isolated mixture of some medicinal plants of Indian origin	Huma Ali	Chemistry (MANIT)	2015
12.	Investigation, Production and Performance evaluation of degummed Biodiesel from linseed oil	Sangeeta Kanakraj	Chemistry (MANIT)	2015
13.	Synthesis, Fabrication and Characterisation of particulate infused coir-epoxy composite	Preeti Verma	Chemistry (MANIT)	2014
14.	Studies on effect of surface properties of phenolic resin based activated carbon spheres in removal of VOC, in dynamic conditions.	Jagpal Sing Mahur	Chemistry (BU)	2015
15.	Studies on effect of precursor and process parameter on surface and mechanical properties of advanced adsorbent media-activated carbon Fabrics.	Surendra Bhati	Chemistry (BU)	2016
16.	Development And Characterization of Cost Effective Composite From Plastic Waste.	Kiran Rohit	Chemistry (MANIT)	2018
17.	Development of Bio-Based Hybrid Polymeric Cation Exchange Membranes for the Electro dialysis of Sodium Chloride Solution	Sandhya Pal	Chemistry (MANIT)	2017
18.	A Study On Synthesis Of Waste Polyethylene Fuel And Assessment Of It's Potential As Alternative Fuel For Diesel And Petrol Engine	Vijesh Verma	Chemistry (MANIT)	2018
19.	Investigation of antihyperglycemic properties of Common herbs tridax procumbens and bryophyllum Pinnatum and synthesis of herbal gel for diabetic Wound healing	Smita Nair (Part Time)	Chemistry (MANIT)	2018
20.	Environment assessment water quality purification from the aquatic plants.	Kapil Malviya	Civil (MANIT)	2018
21.	Phytochemical Evaluation Of Pomegranate Peel And Lemon Peel For Analysis Of Potential Haematological And Immunoboosting Properties	Shikha Rana (Part Time)	Chemistry (MANIT)	2019
22.	To study the effects of waste generated by the products of Thermoplastics and thermosetting plastics and their effective management.	Bikramjeet singh	Mechanical	2020
23.	Processing and Characterization of Fiber Reinforced Composites Using Recycled Waste	Mitali Dugvekar	Chemistry (MANIT)	2023
24.	Development and characterization of high performance hybrid polymer composite material from waste PET using chemical recycling.	Yashwant Yadav	Mechanical	Registered Aug.2019
25.	Fabrication and characterization of hybrid metal matrix composites by stir casting technique	Subodh Kumar	Mechanical	Registered Aug.2020

26.	Development and Characterization of Sustainable hybrid reinforced aluminum metal matrix composites	Bhagwan Singh Lokwanshi	Mechanical	Registered Aug.2020
27.	Composite Materials	Deepa Ahirwar	Mechanical	Registered Aug.2020
28.	Biomedical Implants	Shalu Patel	Mechanical	Registered Aug. 2022
29.	Development and Characterization of Sandwich and Hybrid Composite by recycled Polymer	Deepti Trivedi	Chemistry	Registered Aug. 2020

M. Tech. THESIS GUIDED

S.N.	TITLE OF THE THESIS	NAME OF THE STUDENT	DEPARTM ENT	YEA R OF AW ARD ED
1.	Properties modification by polymer blends and substitution of polycarbonate / acrylonitrile butadiene styrene blends	S.N. Yadav. (CIPET, Bhopal)	Applied Mechanics	Janu ary 1997
2.	Process ability and cost effectiveness study In low density polyethylene /linear low density polyethylene (LDPE/LLDPE), Nylon 6 / Acrylonitrile	Rajiv kumar Dwivedi (CIPET, Bhopal)	Applied Mechanics	Janu ary 1997
3.	Modification & Testing of 5HP Diesel Engine using producer Gas as an alternate Fuel	Rama Kant Tiwari. (CIAE, Bhopal)	Applied Mechanics	June 1997
4.	Naturally aspirated compression ignition engine performance using esterified vegetable oil.	S.P.Chincholkar	Department of Mechanical Engineering	July 2005
5.	Investigation of Tri biological behaviour of vegetable oil as an alternative lubricant for maintenance application.	Saurabh Shrivastavaava	Department of Mechanical	June 2005
6.	Design Biodiesel Apparatus	Sandeep Mourya	Department of Applied Mechanics	June 2013
7.	Development of composite from carbon fibers	Neha and Abhay	Mechanical	2018
8.	Fabrication and Evaluation of Mechanical properties of Bio-composite made up of date palm fibers as reinforcement.	Anshul Dhakad	Mechanical	2018
9.	Characterization of concrete composite produced from LDPE waste (waste milk pouch)	Yashwant Kumar	Mechanical	2018
10.	Fabrication of Composite using waste milk pouches reinforced with sisal fiber and fly ash as filler.	Neha Yadav	Mechanical	2019

11.	Evaluating the Mechanical properties of composites made with waste LDPE as matrix and glass fiber as reinforcement.	Abhilash Kumar	Mechanical	2019
12.	Preparation and Characterization of E-waste based polymer hybrid composite with milk pouche, glass and natural fiber and medicinal strips.	Mrinal Wankar	Mechanical	April 2020
13.	Flyash based geopolymer Paver Block	Subodh Kumar	Mechanical	April 2020
14.	Experimental Investigation of the Corrosion on different types of materials used in turbo- machinery	Shekhar Swarnkar	Civil	June 2020
15.	Conversion of plastic waste into fuel oil by Thermal Degradation	Shalu Patel	Energy	June 2020
16.	Development and Characterizations of polymer hybrid composite	Ritesh Goyal	Mechanical	2020
17.	Fabrication and mechanical characterization of HDPE based Glass- Date Palm fiber composite with Titanium Dioxide and Coconut shell Powder	Shashi Ranjan Pathak	Mechanical	May 2021
18.	Mechanical Properties and Characterization of Recycled Polypropylene and Glass fiber composite	Samruddhi Madavi	Mechanical	April 2022

U.G. PROJECT GUIDED

S.N.	TITLE OF THE PROJECT	NAME OF THE STUDENTS	DEPARTMENT	YEAR
1.	Digester Biogas	Aaroh Khaira	Energy	2012
2.	Mobile charger from wind	Priyam	Energy	2012
3.	Sensor for blinds	Priyam	Energy	2012
4.	Soil properties through enzyme	Sunny	Civil	2013
5.	Green Cement	Shivam Patel	Civil	2013
6.	Rice Husk Tile	Rishabh Jain	Civil	2013
7.	Hydro car	Bibin Ravi, Abhinav Gupta	Mechanical	2014
8.	Sugarcane baggage cement	Atishey	Civil	2015
9.	Low cost water purifier coir	Manish Lalwani (Awarded by ISTE)	Mechanical	2012
10.	Water statistical analysis	Rajat, Harsh, Rana	Chemical	2013
11.	Biodiesel by degumming process	Abbas, Savant, Apoorv and Abhijeet	Chemical	2014
12.	Interlocking Concrete Paving Blocks (ICPB)	Roli Dube, Aian Mehrishi, Paras Bhawsar, Shubham Mahowia	Civil	2016
13.	Development of Low cost filter using coconut shell powder	Akash mahor,sanjay shukla,Ajay,Ravikant	Civil	2016
14	Alternate cement from waste PET and HDPE	Jeetu,2 more	Civil	2019

COURSE/WORKSHOP CONDUCTED

REFRESHER/ORIENTATION COURSES/TRAINING PROGRAMME, FDP, MDP ETC., ATTENDED (ONE WEEK)

S.N.	CONDUCTING ORGANIZATION	TITLE OF PROGRAMME	DURATION OF PROGRAMME	
			From	To
1.	MANIT Bhopal SPIC MACAY	RHAD Painting Workshop	13/09/2010	18/09/2010
2.	MANIT, Bhopal	Short term training programme, Renewable energy and energy security trends and challenges	16/01/2012	20/01/2012
3.	MPCST, Bhopal	Energy ,explore, harness and conserve, Project Evaluator 21 st National children congress	27/12/2013	31/12/2013
4.	MANIT Bhopal	Short term training program on Green chemistry and engineering Past present and future	03/06/2014	04/07/2014
5.	MANIT, Bhopal	Five Days STTP training Programme Research Methodologies and application of SPSS in Multidisciplinary research	04/01/2015	08/01/2015

COURSE/WORKSHOP ORGANIZED

NATIONAL / INTERNATIONAL SYMPOSIUM/ WORKSHOPS/ CONFERENCE ORGANIZED AS AN ORGANIZING

S.N.	NAME OF THE SPONSOR	TITLE	DURATION	
			FROM	TO
1.	MANIT Bhopal	Value Education1st year Inspire Club	1 Week	August 13
2.	MANIT Bhopal	Value Education1st year Inspire Club	1 Week	August 14
3.	MANIT Bhopal	Six sigma workshop and hands on boot camp 60 students attended. 2013	02/09/14	03/09/14
4.	MANIT Bhopal	Sanskrit Sambashan workshop for Non-teaching Staff (50)members	03/01/15	13/01/15
5.	MANIT Bhopal	Processing and Characterization of Smart materials (self-sponsored)	04/05/15	08/05/15
6.	MANIT Bhopal	Rajshbha Sangyan Sangosthi	27/07/15	31/07/15
7.	MANIT Bhopal	Natural Products And The Shifting Paradigm In Drug Discovery (Self Sponsored)	12/06/15	16/06/15
8.	MANIT Bhopal	Innovation in science and technology (Self Sponsored)	26/06/15	30/06/15
9.	MANIT Bhopal	Value Education1st year Inspire Club	1 Week	August 15
10.	MANIT Bhopal	Rajbhasha Workshop for students	16/08/15	23/08/15
11.	MANIT Bhopal	Rajbhasha Workshop for students	16/08/15	23/08/15
12.	MANIT Bhopal	Rajbhasha Workshop for student	23/08/16	25/08/16
13.	MANIT Bhopal	Value Education1st year Inspire Club	1 Week	August 16
14.	MANIT Bhopal	Swachcha Bharat Pakhwada	01/09/16	09/09/16
15.	MANIT Bhopal	Sanskrit Saptah Mahotsav Samapan	1 day	August 19
16.	MANIT Bhopal	A Stimulus to Rise, Guest Speaker Shri Amogh Lila Das Prabhu	1 day	20/01/2023

COURSE/WORKSHOP ATTENDED/ LECTURES DELIVERED

CONFERENCES ATTENDED

S.N.	INSTITUTION / ORGANIZATION	PROGRAM	DURATION	FROM	TO
1.	MACT, BPL	Computer program course in basis	9 weeks	22/7/1994	03/10/1994
2.	CEDMAP, Bhopal	Training program in entrepreneurship Development science & Technology Teachers	2 weeks	17/10/1994	29/10/1994
3.	MACT.BPL	ISTE summer school on characterization & testing of materials	2 weeks	10/7/1995	23/7/1995
4.		Under indo-UK RECI Project: Theme Energy workshop on institutional management	3 days	10/10/1995	12/10/1995
5.	MACT. BPL	Workshop on Curriculum dev. for UG.& P.G. Programme in energy technology	2 days	30/12/1995	31/12/1995
6.	NCC WOTS, Gwalior	NCC pre commission course	3 months	24/6/1996	21/9/1996
7.	M.A.C.T., Bhopal	Workshop on Independent Learning	1 Weeks	21/07/1997	25/07/1997
8.	Sanford university, England.	Advance training on chemistry of materials at Sanford university, England	4 months	Feb 1998	June 1998
9.	CIPET Bhopal	ISTE Winter School on Familiarization with Plastics Processing Techniques	2 Weeks	04/10/1999	15/10/1999
10.	Govt. Eng. College, Bhopal	ISTE Winter School on Applications of ISO – 9000 in Technical Institutions	2 Weeks	20/12/1999	31/12/1999
11.	M.A.C.T., Bhopal	ISTE Summer School on Treatment Technologies for Waste Management and Bio Energy	2 Weeks	05/06/2000	17/06/2000
12.	M.A.C.T., Bhopal	Awareness Programme on Technology Management Issues	1 Day	07/11/00	
13.	M.A.C.T., Bhopal	ISTE Winter School on Wind Energy Generation and Its Commercialization	2 Weeks	18/12/00	30/12/00
14.	MACT. BPL.	Industrial solid waste treatment & disposable practices	2 weeks	29/10/01	10/11/01
15.	MANIT	Development of Sisal fiber corrugated roofing material in place of asbestos fiber cement roofing sheets, National workshop cum Symposium on energy thrift in low cast smart building	2 days	19/12/01	20/10/01
16.	MANIT	National seminar on 'Role of Women in Technical Education for Technological Development	1 day	24/12/01	
17.	REC. Hameerpur	International conference of ISTAM	4 days	19/12/01	22/12/01
18.	Energy Centre Bhopal.	Role of women In technical education for technological dev.	1 day	24/12/01	--
19.	MANIT, Bhopal	Application of MATLAB SIMULINK software for modeling and simulation of system	2 weeks	09/12/02	20/12/02
20.	MANIT, Bhopal	Instrumentation in chemistry for qualitative and quantitative analysis	2 days	30/01/03	31/01/03
21.	MANIT. Bhopal	Chemical waste recycling and environmental	3 days	06/03/03	08/03/03

		management with special reference to present technology			
22.	Disaster management Institute Bhopal	Training management of chemical accident	3 days	28/09/04	30/09/04
23.	Govt. P.G. College Bhopal	M.P. Science Congress	2 days	26/12/2004	27/12/2004
24.	MANIT, Bhopal	National workshop on Bioinformatics	1 weeks	21/05/07	25/05/07
25.		National workshop on Chemi. informatics	5 days	28/05/07	01/06/07
26.	BNM Institute of Technology Bangalore	Fifty Second Congress of Indian Society of Theoretical and Applied Mechanics. ISTAM 2007	4 days	14/12/2007	17/12/2007
27.	MANIT BPL	Recent trends in Industrial and production Engineering, Dept. Of Applied Mechanics	2 Weeks	30/06/08	12/07/08
28.	MANIT, Bhopal	National workshop on Bioinformatics	1 weeks	10/03/08	14/03/08
29.	MANIT, Bhopal	National workshop on Chem. informatics	1 weeks	15/03/08	19/03/08
30.	MANIT, Bhopal	Short term training Program on: Technical knows – how to use auto motives with min. Maintenance & fuel Economy	3 days	26/05/08	28/05/08
31.	Bandraban , Hoshangabad (M.P.)	International River Festival	3 days	23/02/08	25/02/08
32.	Usmania university Hydrabad	ISTAM	3 Days	18/12/08	21/12/08
33.	Sri SV University, Tirupati	2 nd AP Congress, Sri SV University, Tirupati	3Days	14/11/09	16/11/09
34.	MANIT	EHAD painting workshop	6 days	13/09/10	18/09/10
35.	MANIT	Patent drafting	2 days	11/02/11	12/02/11
36.	CIPET, Chennai	International conference –APM, Chennai	3days	25/03/11	27/03/11
37.	MANIT	Short term Training Program- ‘Renewable energy & Energy security: Trends & Challenges 16 – 20 th Jan. 2012, MANIT Bhopal.	5 days	16/01/12	20/01/12
38.	St. Joseph college, Bangalore	Chemistry challenges and opportunities	3 Days	16/02/12	18/02/12
39.	SV University , Tirupati	International seminar on Emerging threats and Challenges to Biodiversity.	3 Days	02/03/12	04/03/12
40.	Nepal	Mountain resource management in a changing environment	3 days	29/05/12	31/05/12
41.	ICAME-Tirupati	WAIRCO-International conference on Eng. Technology and management	2 Days	07/07/12	08/07/12
42.	Sarojni Naidu Govt. Girls P.G. College, Bhopal	National workshop on Examination Reforma	2 Days	28 March	29 March
43	MANIT	Gas Chromatography Techniques and sample	1day	18/04/12	18/04/12

		preparation workshop organized 1 day 18.04.12 Co-coordinator			
44.	MANIT	Skill Development	2 days	20/12/12	21/12/12
45.	MANIT	Interactive system, Nano solar photovoltaic and coatings for a sustainable built environment	2 days	10/01/13	11/01/13
46.	MANIT	Recent advances in water resource management	2 days	31/01/13	01/02/13
47.	MANIT	International workshop on Interactive systems, Nano solar Photovoltaic for a sustainable built Environment	2 days	10/01/13	11/01/13
48.	MANIT	National workshop on Recent Advance in H ₂ O Resource Management 31 st Jan. to 1 st Feb. 2013 MANIT Bhopal.	2 days	31/01/13	01/02/13
49.	Port Blair	Rajbhasha karyanvayan avam Prashikshan mission	3 days	14/02/13	16/02/13
50.	MANIT	Research Techniques and applications of SPSS	5 Days	29/07/13	02/08/13
51.	IEHE, Bhopal	Innovative and practical approach to reduce carbon foot Print	2 day	11/03/14	12/03/14
52.	Manav sangrahalaya Bhopal	Rajbhasha sammelan	2 days	25/03/14	26/03/14
53.	MANIT, Bhopal (M.P.)	Short term training program on Green chemistry and engineering Past present and future	7 days	30/06/14	04/07/14
54.	SSB University Chemical Eng. & Tech. Chandigarh.	International conference on Harnessing 2014 Lecturer at HETIS 2014 invited talk and session Chair	2 days	19/09/14	21/09/14
55.	IWST, JD Tata Auditorium, IISc campus Bangalore.	International conference on Wood is Good, Institute of Wood Science and Technology, IWST, Dec. 2014 Bengaluru	3 Days	21/12/14	23/12/14
56.	MANIT, Bhopal (M.P.)	Sanskrit Sambhashan workshop for Non-teaching Staff (39) members	10 Days	03/01/15	13/01/15
57.	Vadodara, Gujarat	Academy of Human Excellence Science for Living course attended CRM Academy Vadodara	5 Days	05/01/15	09/01/15
58.	MANIT, Bhopal (M.P.)	Vivekotsav Annual Youth Fest Group Surya Namaskar, Vivekanand Quiz Akhil Bhartiya YUVA Kavi sammelan (500) students	2 Days	11/01/15	12/01/15
59.	MANIT Bhopal (M.P.)	Participated in the Seminar on "Use of Technology and Innovations in Promoting GOOD GOVERNANCE	1 Day	24/12/14	24/12/14
60.	IISc Bengaluru	International conference on Advancements in polymeric materials (session chair)	2 days	20/02/2015	22/02/15
61.	MANIT Bhopal (M.P.)	Advisory committee member and Invited lecture at Women Eng. & Technology	2 days	23/02/15	24/02/15
62.	MANIT Bhopal (M.P.)	Advisory committee member at Rights of women at work place	2 days	23/03/15	24/03/15

63.	Rajkot, Gujarat	International conference in Rajkot	3 days	29/10/15	31/10/15
64.	MANIT, Bhopal	Yoga Divas (100 participants)	1 day	21/06/15	21/06/15
65.	IIT, Roorkee	Improvement of water quality through Macrophytes- A case study (Presentation in Hindi language)	2 days	19/10/15	20/10/15
65.	MANIT, Bhopal	Yuva Divas (500 participants)	1 day	12/01/2016	12/01/2016
66.	MANIT, Bhopal	Science spirituality seminar	1 day	16/02/16	16/02/16
67.		'Naman' Shaheedon ko shradhanjali avan police of officers ka samman	1 day	26/01/16	26/01/16
68.	Bhopal	Traffic/Helmet progress 'Rose day'	1 day	02/03/16	02/03/16
69.	Bhopal	Matrabhasha Divas (Coordinator)	1 day	03/03/16	03/03/16
70.	MANIT, Bhopal	Keynote at Biofuels and Bioenergy: International Conference and Exhibition	3 days	23/02/16	25/02/16
71.	MANIT, Bhopal	Maffick	3 days	18/03/16	20/03/16
72.	MANIT, Bhopal	Coordinator in Play Buzz	1 day	2016	2016
73.		Rastraay			
74.	OIST, Bhopal	Expert lecture on Bio-composite	1 day	14/03/16	14/03/16
75.	LNCT, Bhopal	Key note on Green Technology	1 day	19/03/16	19/03/16
76.	MANIT, Bhopal	Swachcha Bharat Pakhwada	9 days	01/09/16	09/09/16
77.	HETIS-2016, Chandigarh	Key note on Green Technology	2 days	30/09/16	01/10/16
78.	MANIT, Bhopal	Plastic free Abhiyan at MANIT campus	1 day	02/10/16	02/10/16
79.	GDC,UJJAIN	Invited talk on green chemistry:An Eco Innovation	1 day	02/09/17	02/09/17
80.	Patel Institute, Anand Gujarat	Invited talk on Natural Products	1 days	11/09/17	11/09/17
81.		Expert			
82.	IIFM, Bhopal	Session chair	1 day	12/02/19	12/02/19
83.	Kalinga University, Raipur	Keynote speaker	2 days	19/09/19	20/09/19
84.	Kolhapur	Institute visit	4 days	23/09/19	26/09/19
85.	Satya Sai college for women, Bhopal	Expert Lecture	1 day	12/10/19	12/10/19
86.	SATI Vidisha	Lecture on Science and Technology in Sanskrit	1 day	20/8/2021	20/8/2021
87.	CIAE	Expert Lecture	1 day	25/11/2021	25/11/2021
88.	Govt Girls PG college	Expert Lecture on Professional ethics in Ujjain	1 day		
89.	Govt PG science college	Lecture in International day for women and girls in s	1 day	11/2/2022	11/2/2022
90.	Bapumiya Sarojini Patel Arts, Com and sci College, Jalgaon	Keynote speaker in National Interdisciplinary Research E-conference	1 day	28/5/2022	28/5/2022
91.	MANIT Bhopal	Environment Week seminar speech	1 day	5/6/2022	5/6/2022
92.	Madan Mohan Malviya University of Technolog	Subject expert external In selection committee	1 day	5/7/2022	5/7/2022
93.	NIT, Sikkim	Expert Member Selection Committee for	1 day	14/12/2022	14/12/2022

		teaching positions in Dept of Chemistry			
94	Smiles Samagam	Chief Guest and Speaker in Jashn-E-Smiles Organized by Smiles Samagam	1 day	13/11/2022	13/11/2022

S.N.	TITLE	AUTHOR POSITION	NAME OF JOURNAL / CONFERENCE	YEAR
1.	Global Challenge- The role of Chemistry in giving their Solution	Single	International Conference of Indian Council of chemists, Bangkok	2011
2.	Antioxidant and anticancer activity of some medicinal plants of Indian origin	Jointly	Indian council of chemists of Phyto potentials: Health, Energy and Environmental Perspectives (CPHEE)	2011
3.	Performance of bio-diesel blends and its optimization	Jointly	Indian Council of chemists, international year of chemistry 2011	2011
4.	Effect of impregnation temperature on microporosity of viscose rayon based activated carbon cloth	Jointly	National seminar on basic sciences, SATI, Vidisha	2011
5.	In vitro screening of combine extract of some medicinal plants of Indian origin for antioxidant and antibacterial activity	Jointly	ICGTCS 2011 in Udaipur	2011
6.	A brief review on natural fiber composites,	Jointly	Advanced polymeric materials, Central institute of plastic engineering technology, (CIPET) Chennai.	2011
7.	Phytochemical screening of some medicinal plants of Indian origin for antioxidant activity	Single	Emerging threats and challenges to biodiversity: Policy framework for sustainable management (ETCOB 2012), Trirupati,	2012
8.	Pharmacy and Pharmaceutical Science (Oral presentation and Session Chair)	Single	World Academy of Science, Engineering and Technology (WASET) Dubai, UAE	2012
9.	Investigation of Seasonal fluctuation in Different Parameters Contents of Domestic Wastes Effluents	Single	2 nd International Science Congress (ISCA 2012)	2012
10.	Analysis of chemical constituent of combine sample of some medicinal plants for antioxidant activity	Jointly	ICPPS 2012 in Bhopal, India	2012
11.	Domestic Waste Water Treatment using Macrophytes the Natural Tool for Improvement of Water	Jointly	International Science Congress (ISCA 2012)	2012
12.	Fuel Properties of Degummed Linum usitatissimum Seed Oil for use as Diesel Fuel	Jointly	Extender 2 nd International Science Congress (ISCA 2012)	2012
13.	Synergistic Effect of Different Medicinal Plants of Indian Origin against Skin Carcinogenesis	Jointly	2 nd International Science Congress (ISCA 2012)	2012
14.	Along suppress the skin carcinogenesis in mouse model system	Jointly	World Academy of Science, Engineering and Technology (WASET) Dubai, UAE	2012
15.	Pollution of kaliyot river water Bhopal, Madhya Pradesh with special references to physiochemical and bacteriological parameters.	Jointly	2 nd International science congress, Mathura	2012

16.	Madhya Pradesh India- a Case Study	jointly	International Symposium on Mountain Resource Management in a Changing Environment (MRMCE 2012), Kathmandu, Nepal	2012
17.	Phytochemical screening of some medicinal plants of Indian origin for antioxidant activity	Single	International seminar on Emerging threats and challenges to biodiversity: Policy framework for sustainable management, (ETCOB 2012), Tirupati,	2012
18.	Effect of some chemical modification on the water-absorption behaviour of coconut coir	Jointly	National Conference on CHEMISTRY – challenges & opportunities (nccco – 2012), Bangalore	2012
19.	Evaluation of heavy metals updates of dry biomass of Ecchhornia species.	Jointly	International conference on Engineering, Technology and Management (ICETM), Tirupati	2012
20.	Mechanical Behaviour of Coir /Sisal /Jute Hybrid Fibre Reinforced Polyester Composite Material	Single	International conference APM- CIEPT Ahmadabad	2012
21.	Water Absorption Study on Coir-Epoxy infused Particulate Composite	Single	2 nd International Science Congress (ISCA 2012), Mathura	2012
22.	Preparation of Phenolic Resin Spheres by Suspension Polymerization Technique: Effect of Agitation Rate,	Jointly	National conference on carbon material	2012
23.	Use of biodegradable particulate in natural fiber reinforced Particulate composite	Single	Invited lecture, APM CIPET, Lucknow.	2013
24.	Invited Talk in advanced polymeric materials	Single	International conf. on Advanced Polymeric materials, Mahatma Gandhi University Kerala India.	2013
25.	Application of natural fibers	Jointly	National convention of textile engineers and national seminar on futuristic fibers (The institute of engineers), Madhya Pradesh, Bhopal	2013
26.	The effect of weathering on mechanical properties of coir-epoxy infused particulate composites	Jointly	Annual cum 3 rd international conference of Gwalior academy of mathematical sciences on mathematical, computational and integrative sciences, M.A.N.I.T, Bhopal	2013
27.	Performance of blend linseed biodiesel	Jointly	Advanced Technique and research in mechanical engineering and engineering chemistry, Rishiraj Institute of Technology, Indore	2013
28.	Effect of particulate content on biodegradation of coir-epoxy composite	Jointly	Recent advances in polymer science and technology, Madhya Pradesh, Bhopal.	2013
29.	Effect of activation parameters on the surface and mechanical effect of activation parameters on the surface and mechanical properties of activated carbon spheres.	Jointly	International Journal Metallurgical & Materials Science and Engineering (IJMMSE)	2013
30.	The Innovative Approach to reduce carbon print.	Single	An Innovative and Practical Approach to reduce Carbon foot Print, Institute for Excellence, Bhopal	2014

31.	Recycling of waste polyethylene into fuel.	Jointly	Harnessing Engineering, Technology, and Innovation for sustainable Development (HETIS)	2014
32.	Natural fiber reinforced composite material are eco-friendly	Jointly	Harnessing Engineering, Technology, and Innovation for sustainable Development (HETIS)	2014
33.	Synthesis of Polystyrene cation exchange Membrane for the electro dialysis of Sodium chloride solution		Harnessing Engineering, Technology, and Innovation for sustainable Development (HETIS)	2014
34.	Oxidative thermal degradation of the mixture of polyethylene waste and jute fiber.	Jointly	Harnessing Engineering, Technology, and Innovation for sustainable Development (HETIS), Chandigarh	2016
35.	Oxidative thermal degradation of the mixture of HDPE, LDPE and Jute fiber	Jointly	International Conference on Advances in Engineering Research & Applications (ICAERA-2016), Chandigarh	2016
36.	Rhodamine-B and Acid Blue-7 dyes removal from aqueous solution using water hyacinth analysis by equilibrium isotherms	Jointly	Janparishad Conference.	2016
37.	Natural And Synthetic Polymer Blend Membranes For The Electrolysis Of Sodium Chloride Solution	Jointly	International Conference on Advances in Engineering Research & Applications (ICAERA-2016)	2016
38.	Mechanical Characterization of red mud filled wheat strew fire retardant polyester composite	Jointly	International Conference on Advances in Engineering Research & Applications (ICAERA-2016)	2016
39.	Preparation of wheat strew composite materials	Jointly	National conference on Recent trends in science ,technology & healthcare	2016
40.	Synergistic Interaction between Hydro alcoholic Extracts of Aerial Parts of Tridax Procumbens L. and Bryophyllum Pinnatum L. Leaves to Promote in Vitro Hypoglycemic Activity	Jointly	3 rd International Conference on Multidisciplinary Research and Practice, Ahmedabad, Gujarat	2016
41.	A comparative Study of antimicrobial activity of extracts of Bryophyllum timatum leaves in different Solvent	Jointly	International Conference on Advances in Engineering Research and Applications, Oriental College of Technology, Bhopal	2016
42.	Effect of Metakaolin on Wood Flour Polyester Composite	Jointly	International conference at IIM Ahmedabad	2016
43.	Effect of sisal fibre content on the morphology of non-recyclable waste composite	Jointly	international conference on “Emerging trends in technology and science	2017
44.	Oxidative thermal degradation of the mixture of HDPE, LDPE and Jute fiber into fuel- A technology for green environment.’	Jointly	International Conference on Recent Advancements in Science & Technology (ICRAST-2017),	2017
45.	Mechanism of oxidative thermal degradation of the mixture of HDPE, LDPE and Jute fiber at early temperature	Jointly	International Conference on Emerging Trends in Technology and Science (ICET2S-2017)	2017
46.	Oxidative thermal degradation of the mixture of Polyethylene waste and jute fiber into fuel: a green technology for climate conservation	Jointly	Climate change- It’s impact on Agriculture, Biodiversity, Health and Environment, Council of Science & Technology, Bhopal, India	2017

INSTITUTE LEVEL COORDINATOR AND ORGANISER FOR VARIOUS INSTITUTE LEVEL PROGRAMMES

1. Tooryanaad. (www.tooryanaad.manit.ac.in)
2. Rashtraay. (www.rashtraay.org)
3. Prayas. (www.manitprayas.weebly.com)
4. Purge. (www.purgemanit.in)
5. Spiritual cell
6. Swatch Bharat and Yoga day
7. Editor of Institute level magazines Excelsior and Shorya(Rajbhasha)
8. Facebook page at savitadixit1@gmail.com
9. Inspire Club
10. MANIT (www.manit.ac.in)
11. Google scholar citation 4th amongst the NITS Citation
12. Mentor Abhudaya
13. Mentor Think India.
14. Coordinator Omega Spritual Society.
15. Rajbhasha Hindi Pakhwada organiser 2021.
16. Advisor Tooryanaad 2021.
17. Coordinator of Social and Environmental Club MANIT, Bhopal wef. 16/3/2022
18. Coordinator of World Environment Week celebration from 2nd June 2022 to 5th June 2022 in Maulana Azad National Institute of Technology (Bhopal). It included:
 - Awareness posters through social media handles, June 3rd 2022
 - Waste collection drive and segregation, June 3rd 2022
 - Environment day seminar, June 5th 2022
19. Organiser Rajbhasha 2022.
20. Advisor and Organiser Tooryanad 2022.

LECTURES THROUGH WEBINAR (ONLINE)

S.N.	Date & Time	Title	Organizer
1.	31/7/2020 4 to 5 PM	First Lecture: Sanskar Setu Hamari Sanskrati Hamare Sanskar 'Indian Knowledge Tradition for Modern Youth'	Govt. Girls P.G. College Ujjain & Department of Chemistry, MANIT, Bhopal
2.	10/8/2020 3 to 5 PM	Green Chemistry and Environmental Sustainability	Govt. Girls P.G. College Ujjain
3.	11/8/2020 4 to 5 PM	Second Lecture: Sanskar Setu Hamari Sanskrati Hamare Sanskar 'Mental Immunity'	Govt. Girls P.G. College Ujjain & Department of Chemistry, MANIT, Bhopal

4.	18/8/2020 11 AM to 12:30 PM	Role of Chemical and Computer Technology for Environmental Sustainability: A Covid – 19 Perspective	Department of Chemistry and Computer Science & Application Sri Sathya Sai College For Women, Bhopal
5.	19/8/2020 11 AM	Biodiesel: A Promising Alternative Fuel	Department of Applied Science and Humanities, IPS College of Technology and Management, Gwalior
6.	25/8/2020 4 to 5 PM	Third Lecture: Sanskar Setu Hamari Sanskrati Hamare Sanskar 'Mind and Its Healing Capacities'	Govt. Girls P.G. College Ujjain & Department of Chemistry, MANIT, Bhopal
7.	26th August 2020	Emerging effects in humans by frequent use of chemical based sanitizers and disinfectants	Department of chemistry Sant Hirdaram Girls college Bhopal "Application of chemistry in Everyday life"
8.	5th Sep. 2020	Fourth Lecture: Sanskar Setu Hamari Sanskrati Hamare Sanskar Teacher –student relationship	Third Lecture: Sanskrit Setu Hamari Sanskrati Hamare Sanskar
9.	4th Sep 2020 sep 2020 Sanskrit bharti Madhya bharat prant 15th samarope Karyakram	Saraswat Atithi	Sanskrit bhashan
10.	Comprehensive viva BU Ph.D. 30 students at 7.11.20	BU Ph.D. 30 students at 7.11.20	On line BU
11.	National webinar on 9 th Nov 2020 Monday 3.30pm-5pm	Technical session -I Prof. (Dr.) Savita Dixit, Professor and Head, Dept. of Chemistry. 3.45PM MANIT, Bhopal, India. Topic:- Green Chemistry-an eco innovation.	Science at a junction of nature and Technology Remuna Degree college Balasore ,Orisaa
12.	Geeta Leadership Contest ,Inter colleges: Nov 8, 2020	GITA : PRIZE DISTRIBUTION Time: Nov 8, 2020 04:00 PM India Chief guest	Key note speaker Hamari sanskruti hamari sabhyata
13.	15th sep 2020	Sanskrit Bharti संस्कृत एवं रसायनशास्त्र	SATI students
14.	20th August 2021	Keynote Speaker in Social contribution inspiring national development and innovation in agriculture and science	Samrat Ashok Technological Institute, Vidisha M.P.
15.	25 August 2021	Origin of science and technology included in Sanskrit	Graphite H.S.S. MANDIDEEP
16.		National Webinar on "Patent Information"	Govt. Girls P.G. College Ujjain

17.	20 th August 2021	Keynote Speaker in Social contribution inspiring national development and innovation in agriculture and science	Samrat Ashok Technological Institute, Vidisha M.P.
18.	25 August 2021	Origin of science and technology included in Sanskrit	Graphite H.S.S. MANDIDEEP
19.	28 May 2022	Keynote speaker in National Interdisciplinary Research E-conference	Bapumiya Sirajoddin Patel Arts, Jalgaon

LECTURES DELIVERED/ SPEAKER/ KEYNOTE SPEAKER

1. Chief Guest and Speaker in Smiles Samagam on 13/11/2022 organized in Chandigarh.
2. Keynote Speaker on "Science and Spirituality" in Shaskiya Kanya Snatakottar Mahavidyalaya, Ratlam on 01.12.2022
3. Speaker on "Women Empowerment" in Government, Arts and Science college, Ratlam on 14th February' 2023
4. Keynote Speaker on "Waste to Best" in 2nd International Conference on Advancement in Core and Frontier of Physics (ACFP- 23) on 17th February' 2023 organised by GLA University, Mathura

AWARDS AND ACHEIVEMENTS

1. First Prize in Carrier International Conference at Carrier College Bhopal Held on 17th February 2017.
2. Best Research Paper Award in International Conference on Advances in Engineering Research & Applications (ICAERA-2016) held between 15th & 16th December 2016 at Oriental College of Technology, Bhopal, India.
3. Best paper award IIM Ahmadabad ICMRP Anti diabetic Drug, December 2016.
4. Vishista Hindi Sevi Samman' by Madhya Pradesh Rastrabhasha prachaar samiti (MP State level by Hindi Granth Academy) on 2nd October 2016.
5. Narri Sashatikaran Award ,Ficci Auditorium ,New Delhi, 28th february 2016. Tooryanad -Samman by jain samaj shri vidhyasagar ji oct 2016.
6. Social Service Award 'Abhinandan Patra' In Kadambini Avam New Lakshya Pustak Utsav by Kadambini Shiksha Avam Samaaj Kalyaan Seva Samiti (M.P.) 2016
7. BestPoster award in international conference at Punjab University HETIS 2016.
8. Kalptaru IIFM-Nukkad Natak- 2014
9. Received award in Rajbhasha karyanvyan avam prashikshan in Port Blair 2013
10. Received award (Rajbhasha Ratan) at Guwahati 2012
11. Best paper award Idol Immersion MPCST 2009.
12. Best paper award Environmental analysis MPCST 2007.
13. Zero Mile Award- Shiksha Ratna 2019, Nagpur
14. Aarini Alankaran Mahotsav- Vishisht Seva Samman 2019, Gandhi Bhawan
15. Top 51 influential women- Nari shakti ko pranam (Brijbhoomi Foundation)- People's College, Bhopal
16. "Most Innovative professor of the Year 2023" by Prant Bhushan Award

MEMBER OF SELECTION COMMITTEE/ OUTREACH ACTIVITIES

1. Member Anti ragging Committee Since 1994
2. Member of Stock Verification Committee Since 1994
3. Member of Admission Committee UG ,PG 2000 –2012,15-17
4. Member of Value education cell. 2001

5. HOD from 2002-4, 5, 2006-07, 2009-2012.
6. Sep month 2000-2012 organised Hindi pakhwada for students, teaching and non-teaching staff.
7. Member and Chairman of selection committee faculty, MANIT 2007 to continue.
8. Chairman and Member of selection committee faculty, MANIT since 2007 to continue.
9. Deputy COE 2009-2011 Dec
10. Faculty coordinator, Inspire Club. Since 2010
11. Faculty coordinator Rashtray.Nukkad Natak Since 2010
12. Committee member for award of medals for the session 2010-2011
13. Subject expert in S.A.T.I., Vidisha.2011, 2012.
14. Editor Hindi magazine 2011 shourya
15. Hindi editor Institute magazine Excelsior since 2011.
16. Workshop on Patent drafting, IPR cell, MANIT, Bhopal ,Feb 11-12 ,2011.
17. Speech,Akhil bhartiya Rajbhasha sammelan,25-27 may2011,Nainital.
18. Member Institute publishing international journal 2011-12
19. Session chair in international conference WASET in Dubai during 8-09 Oct. 2012.
20. Organized two days interuniversity workshop for student during Hindi month (29th -30th Sept. 2012)
21. National workshop on Examination Reforms,Examination Cell Sarojini Naidu Govt. Girls PG college,March28-29 2012.
22. Workshop on skill development, Deptt of CSE,Dec 20-21 ,2012 ,MANIT Bhopal.
23. Organise Seminar on gas chromatography tech 18 april 2012, chemistryMANIT Bhopal.
24. Speech,Akhil bhartiya Rajbhasha sammelan,29-31 oct 2012,Gauhati.
25. Session chair 1-3 march 2013, APM 13, CIPET, Lucknow
26. Session chair 14-16 march 2013, International conference of global energy and Environment, MANIT, "Bhopal.
27. Faculty coordinator at six sigma workshop and hands on boot camp 60 students attended. 2013
28. Faculty coordinator Rashtray.Nukkad Natak. 2013
29. Expert member on the selection committee, Department of Applied Chemistry, Polytechnic 24. College, the Maharaja Sayajirao University of Baroda, Fatehganj, Vadodara, Gujarat on 7th June2013.
30. Key note speaker in the national conference at RIT, Indore, 7 August 2013.
31. Subject expert and theses evaluator in various in ms university and Raipur university,RGTU
32. Syllabus design B.Tech.2013-14 in Atal Bihari Hindi University Bhopal.
33. Internaional workshop on Interactive systems,Nano solar photo voltaics and coatings for a sustainable built environment,UK-india education (UKIERI),Jan.10-11,2013,Dept of physics ,MANIT ,Bhopal.
34. National workshop on recent advances in water resources Management, Jan 31-1 feb 2013, Deptt. Of CIVIL,MANIT Bhopal
35. Evaluator in the 21st National children's science congress during 27-31 dec2013 at MPCST, Bhopal
36. Speech Rajbhasha sammelan,14-16-31Feb, 2013,Port Blair.
37. Organize lecture of Pt. Vijay Shankar Mehta on the occasion of world Hindi day, 12-9th Jan. 2014.
38. Organize lecture series on the occasion of world youth day, 12th Jan 2014
39. Ahwan hindi samiti chayan prakriya, 5th April 2014
40. Expert lecture on "high polymer" teachers refresher course in RGPV, 22nd -26th April 2014
41. External examiner (BSc III, MSC chemistry practical exam) in Institute for excellence in higher education, Bhopal, 2014.
42. Expert lecture on "Efficiency of Macrophytes in Removing Heavy Metals & Nutrients from Lake Eco-System: A Case Study" in Short term training programme In MANIT, Bhopal during 30th June to 4th July 2014.
43. External Expert member of JRF selection committee in AMPRI Bhopal (22/12/2014)
44. Member of CCMT counselling committee in 2015 at MANIT Bhopal
45. Internal expert member in faculty selection committee of MANIT Bhopal
46. External Expert member of Faculty selection committee in GEC Ujjain
47. Expert in Rastriya jal sanghosty IIT Roorkee on 19-20 November and session chair 20th November
48. Expert member and coordinator in "NAAC Team" Delhi in 5-7 November 2015, Orissa ,Chennai,Pune etc.
49. Work shop Rights of women at work place , Advisory member ,March 23-24 ,2015.MANIT Bhopal.
50. Expert lecture on workshop Rights of women at work place , Advisory member ,March 23-24 2015.MANIT Bhopal

51. 5th National jal sangosthi 19-20 nov.2015 session chair and paper presentation.national Institute of Hydroogy,Rooke.
52. Advisory committee in National Conference at LNCT, Bhopal on 19/3/2016 at LNCT, Bhopal
53. Chairperson for organizing activities at institute level, 'SWACHHA BHARAT ABHIYAN, International Yoga day, Bhopal on 29th July 2016.
54. Advisory committee in two days International conference on Harnessing Engineering Technology Innovation for Sustainable Growth (HETIS-2016) held on September 2nd October 1st 2016.
55. Project Evaluation Expert in two days International conference on Harnessing Engineering Technology Innovation for Sustainable Growth (HETIS-2016) held on September 2nd October 1st 2016.
56. Expert in XIX National Seminar on Ferroelectrics & Dielectrics (NSFD-2016) held on 19th to 21st December 2016.
57. Expert in CII-SIS-Tech Guru Award 2017 held at Sagar Group of Institutions, Bhopal, India, 462036.
58. Special invitee, case 2 in Proctor committee meeting, MANIT.
59. Special Lecture on Green technology at Sagar Institute, Bhopal.
60. Expert in the Interview of technical persons in CSIR-AMPRI on dated 26th April 2017.
61. Keynote address in National Conference JNCT on dated 22nd April 2017.
62. Expert in the interview of Director and Assistant Professor at Swami Vivekanand College, Bhopal on dated 28th April 2017.
63. Member Institute publishing International journal
64. Green and clean campus and Hostel, events.2014,2015.
65. Expert in the Interview of technical persons in CSIR-AMPRI on dated 26th April 2017.
66. Keynote address in National Conference JNCT on dated 22nd April 2017.
67. Expert in the interview of Director and Assistant Professor at Swami Vivekanand College, Bhopal on dated 28th April 2017.
68. Secretary in Raj bhasha cell
69. Faculty coordinator of community service cell
70. Member in women harassment committee.
71. Ph.D. evaluation
72. Institute Annual progress report Hindi translate core member
73. Prayas founder and coordinator-Social service community cell.
74. Special invitee, case 2 in Proctor committee meeting, MANIT.
75. Special Lecture on Green technology at Sagar Institute, Bhopal.
76. Editor advisory board Journal of chemistry and chemical science International Journal.
77. Asian Polymer association membership no L440.
78. The Society for polymer science No. 401.
79. ISTE (LM-20559)
80. Editor Journal of Chemistry and chemical sciences.
81. Referee for various International Journals in different area of research and reviewer of Ph.D. Thesis of other universities.
82. Expert, Academic Selection committee of various Institutes/Univ.
83. Member, BOS SATI Vidisha and Engineering college Ujjain .
84. Part of UGC expert Committee for onspot inspection of Vidya Jyothi Institute of technology, Hyderabad.
85. Part of UGC expert Committee for onspot inspection of Stanley College of Engineering & Technology for Women, Hyderabad.
86. Governing body of St. Joseph Engineering College, Mangaluru by the UGC for five years.
87. Governing body of MIET, Jammu by the UGC for ten years.
88. Governing body of SVKM's Dwarkadas J. Sanghvi College of Engineering, University of Mumbai for 5 years, on dated 29/11/2019.
89. BOS Member of Sri Sathya Sai College for Women, for session 2020-2021.
90. Subject External Expert for the Faculty interview in Madan Mohan Malviya University of technology, Gorakhpur on 05/07/2022
91. Member of expert panel list on scientific theme "Documentation, Validation and Standardisation of Herbal Formulations " on 3/09/ 2022 at RGPV Noronha Academy of Administration and Management Bhopal
92. Expert member, Board of Studies in Sarojini Naidu Government Girls College, Bhopal on 21.09.2022

LIFETIME JOURNAL MEMBERSHIP

1. Medicinal and aromatic plants association of India (No. 400)
2. Asian polymer association.
3. The Society of polymer science.
4. ISTE (LM-20559)

REFERRED CONFERENCES

1. Pollution Reduction by Modified designed Catalytic Convertor. The Third Asian Pacific International Symposium on combustion and Energy utilization, Dec.11-15, 1995, Hong Kong.
2. Role of Engineers in Mult-Culture Society: Bearing of Social Responsibility, World Conference on Engineering Education, 15-20 Oct, 1995, Minneapolis-St. Paul, Minnesota, USA.
3. The Arena for Innovative Development" World Conference on Engineering Education.15-20 Oct, 1995, Minneapolis-St.Paul, Minnesota, USA.
4. Industrially Oriented Engineering Education"World Conference on Engineering Education.15-20 Oct, 1995, Minneapolis-St.Paul, Minnesota, USA.
5. Wear studies of Thermoplastic (Polymers) - Sliding against EN-21 steel in dry condition. International Conference on Advances in Mechanical Engineering, Edited by T.S.Mruthyunjaya, 20-22 Dec.'95, held at IISc Bangalore, India.
6. Performance Testing of a Catalytic Converter Using Cost Effective Catalyst. International Conference on Advances in Mechanical Engineering, Edited by T.S.Mruthyunjaya, 20-22 Dec.'95, held at IISc Bangalor, India.
7. Tri biologically Property Improvement of Aluminium Alloy with Al-Cu-SiC Composite. 3rd International Conference on Composites Engg., Edited (ICCE/3) by David Hui, 21-27 July'96, pp. 754, Held at Asherton New Orleans, Louisiana,USA.
8. Effect of Dispersed Alumina Particles on the Wear behaviour Al-Si alloy. First World Tribology Congress, 8-12 September 1997, London.
9. Antifertility activity of M. Paradisiaca Published in 22nd Annual convention of Chemistry 1985
10. Indigenous system of Medicine - A brief Review Vigyan Bharti 9th Session at R.S. University Raipur No.4-8, 1985,122, Page 621965.
11. Chemical Investigation of E.-Echinatus, 55th Annual conferences National Academy Of Sciences-1986.
12. Studies in Researches in the Universities of M.P. (Bharat) and the Industries There in (Some general area of research, Natural products based industries) Delhi 1986, May 26-28. pp.31-32.
13. Hametic Acid, A Novel Acid From Mimosa Hemata, M.P. Young scientists Congress MPCST Cell Feb. 28, March 2, 1987 pc-6 Bhopal.
14. Isolation and Identification of Some Novel Compounds From the Outer Seed Coat of Butea-Monosperma 7th Annual Conferences of ICC Gwalior.28-30 Dec. 1987.
15. Chemical Characterisation and Screening of Medicinal Properties of Butea Monosperma Seeds, National Seminar on Medicinal Plants and Tribals, (Jan. 15-16,1988), Agriculture college Indore
16. Echinops Echinatus-A medicinally Important Plant:- 57th Annual Conference Of National Academy of Science 1988.
17. Chemical Investigation of Butea Monosperma, M.P. Young Scientist Congress M.P. Cost Cell Feb. 28 to March 1, 1988 Gwalior (M.P.).

18. Isolation and Identification of Some Novel Compounds from the Butea monosperma Seeds VIII Indo soviet Symposium on Chemistry of Natural Products RRL Hyderabad 1989.
19. Chemical Investigation of Seed Coat of B. Monosperma (outer seed coat). ISMAP NO. 32, p.37, New Delhi on 28-31 Jan. 1989.
20. Effect of Repeated Stress Relieving on the properties of a Weld Joint 1st National Seminar Cum Work Shop on shot Peening and its Industrial Application 13-14, Dec.1991, MACT Bhopal.
21. Mathematical Modelling of Squeeze Casting for Al: A Necessity. IIM, 33th NMD, 49th ATM, 14-17, Nov., 1995.
22. Indian Society for Technical Education (1995) (Life members).
23. A Study of Effect of Hydrogen Sulphide gas on offshore Oil well casing materials. 40th ISTAM CONGRESS at MACT Bhopal, Jan.14-17, 1995
24. STTP on Industrial Solid waste Treatment & Disposal Practices 29th Oct. to 10th Nov. 2001 at MANIT, Bhopal.
25. Wear studies of thermoplastic polymer PTFE and HDPE sliding against En-21 steel in dry condition. 46th congress ISTAM Dec 19-22 Hamirpur 2001.
26. Study of erosion corrosion property of Wrought Iron and its comparison with other structural steel. 46th congress ISTAM Dec 19-22 Hamirpur 2001.
27. Biogas energy – An alternative fuel for cleaner environment”, Paper accepted in the International Conference on Energy in Hong Kong (7th APISCEU) March 2004.
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68. Effect of Inorganic fillers (tio₂) on the mechanical and thermal properties of Coir fiber reinforced epoxy composite, Invited lecture, APM 2014, 14-16 Feb 2014, CIPET Bhubaneswar.
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82.	S.Dixit	Degradation analysis of lignocellulosic fillers infused coir epoxy composites in different environmental conditions	International Journal of Lignocellulosic Products	Vol.1 Issue 2, pp.160-179,.	2014	Scopus	
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84.	Archana Dixit, Savita Dixit, CS Goswami	<u>Relavant Approach to assess the performance of dry-biomass of Eichhornia crassipes for adsorption of heavy metal ions from aqueous solutions</u>	International Journal Of Engineering Sciences & Research Technology	Vol. 3, Issue 8, pp.228-231	2014	N/A	
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93.	Savita Dixit, Sandhya Pal and S.N. Yadav	Synthesis and Characterization of Poly (methyl methacrylate-g- starch) Composite Cation Exchange Membrane for the Electrolysis of Sodium Chloride	International journal of water research,	Vol.5, issue 2 , pp.47-57	2015		
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95.	Huma Ali and Savita Dixit	Quercetin attenuates the development of 7, 12-dimethyl benz (a) anthracene (DMBA) and croton oil-	The journal of Biomedical Research	Vol. 29,Issue 2. Page no. 139-144	2015		

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97.	Kapil Malviya, Dr. Charu Parashar, and Dr. Savita Dixit	Removal of acid blue-7 dye from aqueous solution using water hyacinth as a adsorbent : adsorption equilibrium isotherms.	International journal of modern trends in engineering and research	Vol.2 Issue 2, 9-14	2015		
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116.	Smita Nair, Savita Dixit, N.Ganesh	A comparative analysis of <i>in vitro</i> antioxidant potential of crude extracts of <i>Tridax procumbens</i> L.in different solvents and <i>in vitro</i> hypoglycemic potential of its hydro-alcoholic extract	Pharmaceutical and Biomedical Research,	Vol. 2, Issue 3 pp.47-55	2016		
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136.	S Kanakraj, A Rehman, S Dixit	A Spray Pattern and Emission Characterisation of Enzymatic Degummed Linseed Methyl Ester on Diesel Engine	Journal of Biofuels	Vol 9 Issue 1, pp 25-38	2018		
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144.	Huma Ali, Kiran Rohit, Savita Dixit	Fabrication and Characterization of Eco-friendly Natural Human Hair fiber reinforced Polyester Composites	Journal of Natural Fibers	Volume 20 Issue 1 Article: 2181268	2023	SCOPUS	
145.	Yashwant Kumar Yadav, Savita Dixit, Gajendra Dixit, Anurag Namdev, Madhusudan	Fabrication and mechanical behavior of date palm fibers reinforced high performance polymer composite	Materials Today: Proceedings	Volume 82 Page: 340-345	2023	SCOPUS	

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147.	Yashwant Kumar Yadav, Savita Dixit, Huma Ali	Sustainable concrete composite development	Scholar's press	ISBN 978-620-5-52434-3 72 pages			
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LIST OF NATIONAL PUBLICATIONS

S.N .	AUTHORS NAME	TITLE	JOURNAL	VOLUM E,ISSUE & ISSN	PAGE NO	YEA R	INDE XING	IMAPCT FACTOR
1.	Savita Sharma, Shashwat Mishra and B.K.Mehta	"Post Coital Contraceptive Efficacy and Hormonal Profile of Musa Paradisiaca",	Indian Drugs	Vol. 25, NO.7	pp.290-292.	1983		
2.	Ku. Savita Sharma, Shashwat Mishra and B.K.Mehta	Antifertility Activity Of E.Echinatus in Albino Rats	Indian Journals of Medical Sciences,	Vol.42 No.2	pp.23-26.	1983		

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4.	Ku.Madhu Porwal, Ku.Savita Sharma & B.K.Mehta	Isolation and Identification of New Derivative of Allophanic Acid from the Seed Coat of Butea-Monosperma (LAM) Kuntze”,	Indian journal of Chemistry	Vol. 27 b	pp.281-282.	1988		
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6.	B.K.Mehta , Miss Savita Sharma and Mrs. Sangita Singh	Photochemical Reduction of Ferric Oxalate in a Solid Pressed Potassium bromide Disk	J.of Indian Chemical Soci	Vol.LXV	pp 512	1988		
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12.	G.Dixit and S.Dixit	Wear studies of thermoplastic polymer PTFE & HDPE slide against EN-21 steel dry condition	Published in research link			2002.		
13.	S.Dixit, G.Dixit	Echinops, echinenatus-A medicinal important plant	Research LINK			2003.		
14.	Savita Dixit & Sangeeta Kanakraj	Enzymatic degumming of feedstock's (vegetable oil) Forbio-diesel – A review	Journal of Engineering, Science and Management Education	Vol 3	pp 57-59	2010		

Book Publication

S.No.	Authors	Book Name	Publication	Volume	Year
1.	Charu Parashar, Savita Dixit	Study and Analysis of Raw Water of reservoir and Lakes	LAP Lambert Academic Publishing	1	August 2019
2.	Savita Dixit, Kiran Rohit	Elementary Idea of Composite Materials	LAP Lambert Academic Publishing	1	December 2021

3.	Savita Dixit, Huma Ali	Traditional Indian Herbs Curing Cancer	LAP Lambert Academic Publishing	1	December 2021
4.	Huma Ali, Savita Dixit,	A Comprehensive review on Herbalism	Cambridge Scholar Publishing	ISSN NO. 978- 1-5275-1886- 5	2023

DECLARATION

I do hereby declare that the particulars of information and facts stated herein above are true, correct and complete to the best of my knowledge and belief.

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