

# Gender Awareness & Technology Initiatives

by Faculty, Staff and Students of  
Birla Institute of Technology  
Mesra, Ranchi, Noida Campus  
(December 2020)

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## 1. Patents and Projects by Female Faculty and Research Scholars

### Patent:

*“IMT-Voice Based Mobile Banking: INTELLIGENTMONEY TRANSFER USING VOICE BASED MOBILE BANKING”*, Jain Arpit; Singh Karan; Dwivedi, Rakesh Kumar; **Sagar, Bharat Bhushan**; Vats, Satvik; Banda, Latha; **Manjul, Manisha**; Khan, Tayyab and Sarkar, Biplab Kumar, **Granted** on 21-10-2020 by IP-Australia, Australian Government.

### Projects:

S. N o.	Project Title	PI / Co-PI/Collaborator, if any	Funding Agency	Date of Sanction	Sanctioned Amount	Duration of the Project
1.	Routing Protocol for Mobile Ad-Hoc Network	Ms. Charu Wahi	UGC	Feb' 2011	Rs.90,000 /-	1 year
2.	Smart use of Web Analytics and Data Mining technique for improving online Information Retrieval.	Dr Shruti Kohli	UGC	1.4.13	10,48,300 /-	3 years
3.	“Green Buildings in India: A study of Issues, Challenges & Prospects for Sustainable Development	Dr. Meenakshi Sharma	UGC	April 1,2013	Rs.6,54,600/-	2 Years

4.	Impact of Green Brand Image on Green Brand Equity and Green Purchase Intention in Indian Banking Sector	Dr. Meenakshi Sharma	ICSSR	02 December 2019	Rs 16,00,000	Two years
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## 2. PhD Awarded under guidance of Female Faculty and PhD Awarded to Female Scholars

### PhD Awarded under guidance of Female Faculty:

<u>S.No.</u>	<u>Name of the Guide</u>	<u>Name of the Scholar</u>	<u>Thesis Title</u>	<u>Phd Stream and Status</u>
1.	Dr. Suparna Dutta	Niket Mehta	21 <sup>st</sup> Century Approach to Communication: Gaming a prime tool of new media communication (It has sub-theme of female feticide)	CSE (Technology), 2019
2.	Dr. Meenakshi Sharma	Aachal Amitabh	Factors affecting consumer buying behavior towards gold jewellery : An empirical study	Management, 2015
3.	Dr. Meenakshi Sharma	Mr.Debdutta Chattopadhyay	<b><i>A Study of Energy-Mix for Sustainable Development of power sector in India</i></b>	Management, 2019
4.	Dr. Meenakshi Sharma	Anamica Singh	<b><i>A Study of Brand Building through Green IT for Sustainable Development of IT companies in India</i></b>	Management, Submitted in September 2019

5.	Dr. Meenakshi Sharma	Keshab Ray	<i>"A Study of Challenges and Strategies for Indian IT Companies towards development of Global Brand"</i>	Management, Submitted in MO 20
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**PhD Awarded to Female Research Scholar:**

No.	Name of the Guide	Name of the Female Ph.D Research Scholar	University Name	Ph.D Status
1.	Dr. Bharat Bhushan Sagar	Ms. Shanthi Makka	BIT Mesra	Awarded 2019
2	Dr. Bharat Bhushan Sagar	Ms. Sandeep Kaur	BIT Mesra	Ongoing
3	Dr. Bharat Bhushan Sagar	Ms. Shailee Lohmour	Bharathiar University, Coimbatore	Ongoing
4.	Dr. Bharat Bhushan Sagar	Ms. Raj Bala Simon	Amity University, Noida	Ongoing

<u>S.No.</u>	<u>Name of the Guide</u>	<u>Name of the Scholar</u>	<u>Thesis Title</u>	<u>Phd Stream and Status</u>
1.	Dr. Munish Makkad	Pooja Jha	<i>Factors affecting the performance of Indian Women Entrepreneurs</i>	Management, 2019
2.	Dr. Vandana Sharma	Neha Gupta	<i>Study of Imapct of Human Resource Practices on Employee Engagement in Mass Rapid Transit System Organizations in India</i>	Management, 2019

### 3. Research Papers / Book Chapters Published by Female Faculty, Research Scholars

S. N o.	Paper Title	Author/s	Publication	Date /Year
Dr. (Mrs.) Asha Prasad Professor (HR & OB), Department of Management				
1.	Exploring Role of Indian Workplace Spirituality in Stress Management: A study of Oil and Gas Industry	<a href="#">Saxena, A.</a> , <a href="#">Garg, N.</a> , <a href="#">Punia, B.K.</a> and <a href="#">Prasad, A.</a> (2020	<a href="#"><i>Journal of Organizational Change Management</i></a> , Vol. 33 No. 5, pp. 779-803 <a href="https://doi.org/10.1108/JOCM-11-2019-0327">https://doi.org/10.1108/JOCM-11-2019-0327</a>	June 15 <sup>th</sup> , 2020
2.	The relationship between Ethical Leadership and Innovation	Dr. (Mrs.) Asha Prasad Professor (HR & OB), BIT MESRA	Appreciative Inquiry Approaches to Organizational Transformation. <i>ISBN-9781522596752, Published in, Publisher – IGI Global</i>  <i>(Chapter in Book)</i>	December 2019

	ive Work Behavi our- Role of Appreci ative Inquiry	Noida Campus		
<p style="text-align: center;">Dr. Meenakshi Sharma Associate Professor, Department of Management</p>				
3.	Resista nce Toward s Green Bankin g Adopti on in Delhi - NCR: A Ground ed Theory Approa ch,	Sharma, M., Choubey, A. (2020)	AIMA Journal of Management and Research, 14 (2/4) , ISSN 0974 – 497.	2020
4.	Counte rfeit Produc ts: Stumbli ng Block for Emergi ng Indian Luxury	Sharma M & Amitabh A. (2014)	International Journal of Business, Management & Social Sciences, 4 (1)(II), ISSN:2249-7468	2014

	Market			
5.	Ray, K., Sharma , M. (2020).	Antecedents of Brand Strength and Its Impact on Global Branding of Indian IT Organizations,	Journal of Asia-Pacific Business, DOI: 10.1080/10599231.2020.1824525. (Routledge, Taylor& Francis, non-Paid Scopus)	2020
6.	Ray, K., Sharma , M. (2020).	Antecedents and Outcomes of Brand Strength: A Study of Asian IT Organizations Towards Brand	<a href="https://doi.org/10.1057/s41299-020-00097-y">https://doi.org/10.1057/s41299-020-00097-y</a> (Springer Palgrave journal & ABDC & nonpaid Scopus ESCI Indexed).	2020

		Sustainability. Corp Reputation Review		
7.	Ray, K. and Sharma, M. (2020).	Benchmarking global IT majors' brand strength towards Global Branding of Asian IT organizations	International Journal of Business and Globalization, Vol. ahead-of-print No. ahead-of-print. (Inderscience journal & ABDC & nonpaid Scopus Indexed).	2020
8.	Ray, K. and Sharma, M. (2019).	Qualitative study of challenges and strategies of Indian IT organizations	Benchmarking: An International Journal, 27(2), 708-731. <a href="https://doi.org/10.1108/BIJ-09-2018-0279">https://doi.org/10.1108/BIJ-09-2018-0279</a> (Emerald journal & ABDC & nonpaid Scopus ESCI Indexed).	2019

		ons toward global branding.		
9.	Singh, A., Sharma , M. (2019).	A Study of Brand Building through Green IT for sustainab le develop ment of IT companie s in India.	Journal of Green engineering, 9(1),1-33, River Publications. (Scopus)	2019
10	Sharma , M. (2018)	Develop ment of a 'Green Building Sustainab ility Model' for Green	190. Doi.10.1016/ 018.04.154.Indexed in SCIE j.jclepro.2	2018

		Buildings in India”, Journal of Cleaner Production		
11	Chatto padhyay, D., Sharma , M. (2017).	Prospect of Intended Nationall y Determin ed Conributi on target achievem ent by Indian Power Sector.	Clean Technology Environment Policy, DOI10.1007/s10098-017-1356-7. Indexed in SCIE	2017
12	Sharma M. (2016).	Business Sense for Green Buildings	Journal of Civil Engineering and Environmental Technology 3 (1) ; Jan-March 2016, p- ISSN:2349-8404;e-ISSN:2349-879X.	2016

13	Sharma · M & Rai P.(2015 )..	Barriers to Impleme nt Green Building Strategy in Indian Real Estate	3 (1o)(II), International Research Journal of Commerce, Business and Social Science .ISSN: 2277-9310.	2015
14	Chatur · vedi D.D & Sharma M	A Study of Cyclical Nature of Indian Real Estate	The Indian Journal of Commerce, 67 (2 ISSN. ISSN:0019-512X	
15	Sharma · M.& Singh A.(201 3	Green IT for Environm ental Sustainab ility- Indian Context	).. International Journal of Applied Engineering Research, 8 (3),7-10.ISSN:0973-4562	2013
16	Sharma · M.&	Relevanc e of	Journal of Clean Energy Technologies ,1 (3), 194-197.ISSN:1793-821X	2013

	Singh A.(2013).	Branding of Green IT for Sustainab le develop ment of IT companie s.		
17	Sharma · M.& Singh A.(2013).	Green IT Readines s-A conceptu al framewor k for Sustainab le IT.	International Journal of Management , IT & Engineering,3 (4), 141-154.ISSN:2249-055	2013
18	Sharma · M.& Singh A.(2013).	Green Buildings in India: an imperativ e for	International Journal of Civil Engineering and Applications, 3( 6), 28-31.ISSN 2249-426X	2014

		resource efficient future		
19	Sharma · M & Sharma P.(2013 ) ,	Carbon Dioxide Capture Using Micro 2 First Algae Precipitat ion	International Journal of Environmental Research and development.,3 (6), 52-55.ISSN: 2249-3131	2013
20	Chatur · vedi D.D.& Sharma M.(201 3).	Economic Recession and Indian Real Estate- Hopes and Implicatio ns	The Global e Learning Journal, 2 (3).ISSN:2165- 8080	2013
21	Sharma · M. & Gupta	Determin ants of Pricing	The Indian Journal of Commerce , 65( 4),64-74, ISSN:ISSN:0019-512X.	2012

	S.L(2012)	Strategy in Indian Real Estate		
22	Jahnavi , Sharma , M	Make in India Initiative- “Vocal for Local And Make them Global” published in Economic Policy and Planning in India Post COVID-19	Bloomsbury India. ISBN:978-93-90513-68-0	
23	Kothari S. & Sharma M	<i>“Use of Sensory Marketing as an</i>	<b>Strategic Human Resource and Business Management</b> by Bharti Publications ISBN:978-93-85000-61-4, pp413-419	Feb 20-21,2016.

		<i>Effective Strategy for Organisations”</i>		
24	Sharma M., & Amitabh A	<i>“Green Marketing and Sustainable Development A Case Study of TERI University”</i>	<b>Innovative Energy Technology Systems and Environmental Concerns: A Sustainable approach</b> by Research India publications ISBN No.978-93-84144-81-4,	2013
25	Gupta S.L. & Sharma M	“The dynamics of changing Promotion strategy in Indian	<b>International Conclave on Innovations in Engineering and Management ICIEM 2013</b> by Wisdom Publication, ISBN:978-93-81505-71-7, pp1-8,	22-23rd Feb 2013

		Real state”		
25	Sharma M., & Amitab h A	<i>A Few Carats of Sheen: Jewellery Sector a propellin g force for the Indian Economy ”</i>	<b>Contemporary Issues of Finance&amp; Business Management</b> by Bharati Publications ISBN:978- 93-81212-39-4, pp 192-200	2013
26	Chatur vedi D.D.& Sharma M	<i>Economic Recession and Indian Real Estate- Hopes and Implicatio ns</i>	<b>Mapping the Global Future Evolution Through Innovation and Excellence</b> by Global Business and Technology Association with EBSCO Publishing, ISBN:1-932917-08-X, pp79-84	July 2012
Dr. B B Sagar and Scholars Department of CSE				

27	Makka, S., Arora, G., & Sagar, B. (2020)	Consequence of Digital Transformation in Security with Blockchain in Digital Transformation.	Goundar, B. Bhushan, & V. Thakare (Eds.), Impact of Digital Transformation on Security Policies and Standards (pp. 122-144). Hershey, PA: IGI Global. doi:10.4018/978-1-7998-2367-4.ch008 <b>(Book Chapter)</b>	2020
28	Sandeep Kaur, B. Sagar (2019),	Brahmi character recognition based on SVM (support vector machine) classifier using image gradient features	Journal of Discrete Mathematical Sciences and Cryptography, 22:8, 1365-1381, DOI:10.1080/09720529.2019.1692445. (ESCI, Scopus Indexed).	2019
29	Makka, S., and Sagar, B. (2017)	Performance Analysis of a System that Identifies the Parallel	International Journal of Intelligent Systems and); Vol.9, No.9, pp.37-45, 2017. DOI: 10.5815/ijisa.2017.09.05 (ISSN: 2319 7064). (Scopus Indexed).	2017

		Modules through Program Dependence Graph, Applications (IJISA),		
30	S. Makka, B. B. Sagar (2017);	An Optimization of a System for Classification of Independent modules in an application , delineated by using Program Dependence Graph,	for the upcoming book, Predictive Modelling and Optimization Methods in Science and Engineering, IGI Global A chapter proposal is accepted on March - 2017 ( <i>Scopus Indexed</i> ).	2017
31	Lohmor, S., Sagar, B.B. (2017)	Estimating the parameters of software reliabilit	International Journal of Enterprise Network Management,(Inderscience Journal), 2017 Vol.8, No.3, pp.247 - 269 <a href="https://doi.org/10.1504/IJENM.2017.087437">https://doi.org/10.1504/IJENM.2017.087437</a> (ISSN: 1748 1252). ( <i>Scopus Indexed</i> ).	2017

		y growth models using hybrid DEO-ANN algorithm,		
32	Makka S., Sagar B.B. (2016);	Simulation of a Model for Refactoring Approach for Parallelism Using Parallel Computing Toolbox. In: Satapathy S., Das S.(eds)	Proceedings of First International Conference on Information and Communication Technology for Intelligent Systems: Volume 2. Smart Innovation, Systems and Technologies, pp 77-84, vol 51. Springer, Cham, First Online: 04 May 2016. ( <i>ISBN: 978-3-319-30936-2</i> ).	2016
33	Makka Shanthi and Dr. B. B. Sagar (2016)	A New Approach for Optimization of Program Dependence Graph	Indian Journal of Science and Technology, Vol.-9, Issue-38, 2016, pp.01-06. (ISSN: 0974-5645) ( <i>Scopus Indexed</i> ).	2016

		using Finite Automata,		
34	Shailee L. Choudhary and Dr B B Sagar (2015);	Applicability of Gene Expression Programming in Predicting Software Reliability,	International Journal of Applied Engineering Research, Vol.10 (1), 2015, pp. 22919-22926., ( <i>ISSN: 0973 4562</i> ). ( <i>Scopus Indexed</i> )	2015
35	Rajbala, Dr. B. B. Sagar, Dr. Deepak Gupta (2015)	“Measuring Agile Testing Efficiency using Two Way Assessment Techniques : Current Status and Future Scope	7th International Conference on Quality, Reliability, Info-com Technology and Business Operations (ICQRITBO’2015), Organized by Department of Operation Research, University of Delhi, Delhi on 28th – 30th December 2015, Proceedings Published by Springer. (Scopus Indexed)	2015
<p style="text-align: center;"><b><i>Dr. Vibha Kaw Raina</i></b>  <b><i>Assistant Professor</i></b>  <b><i>Department of CSE</i></b></p>				
36	Vibha Kaw Raina	Security of M-Commerce	BIT National Management Conclave. 1,February 12-13 2010	2010

37	Vibha Kaw Raina, Dr. U.S Pandey	<b>“Research Objectives and Overview of Wireless Technologies in Payment Systems</b>	Proceedings of International Conference on Reliability, InfoCom, Technology and Optimization (IRCITO) (Trends and Future direction). pp 469- 476 (IRCITO Dec-2010) ISBN978-81-909732-2-9	2010
38	Vibha Kaw Raina, Dr. U.S Pandey	<b>Biometric and ID Based User Authentica tion Mechanis m Using Smart Cards for Multi Server Environme nt</b>	Proceedings of 5 <sup>th</sup> National Conference on Computing for Nation Development pp 553-557 (IndiCom Mar-2011) ISBN0973-7529/978-93-80544-00-7.	2011
39	Vibha Kaw Raina, Dr. U.S Pandey	<b>Survey of Security Techniques and Architectur es for Mobile</b>	Proceedings of the National Conference on Advancements in Computational Techniques and Applications, pp 91-98 (ACTA Oct-2011) ISBN978-81-920674-0-7	2011

		Commerce Environme nt		
40	Vibha Kaw Raina, Dr. U.S Pandey, Dr. Munish Makkad	Technologi cal Backgroun d of GSM on Application of Mobile Commerce through Mobile Payments	Proceedings of International Conference on Information Technology and Business Intelligence, pp 293-298 (ITBI Nov-2011) ISBN023-063-716-7	2011
41	Vibha Kaw Raina, Dr. U.S Pandey, Dr. Munish Makkad	Integration of Biometric Authentica tion Procedure in Customer Oriented Payment System in Trusted Mobile Devices	Published in International journal of Information Technology Convergence and Services (IJITCS) Vol.1, No.6, pp 15-25 Dec- 2011, ISSN-2231-153 (Online Journal	2011

42	Vibha Kaw Raina, Dr. U.S Pandey, Dr. Munish Makkad	<b>Use of Mobile Transactions Payment Model in Customer Oriented Payment System using NFC technology</b>	Published in International Journal of Mathematical and Computer Sciences Vol1,Part II 2011 Pp 49-57 ISSN : 2249-2070	2011
43	Vibha Kaw Raina, Dr. U.S Pandey, Dr. Munish Makkad,	<b>Barcode Payment System in Trusted Mobile Devices</b>	Published in International Journal of Computer Applications and Information Technology (IJCAIT) Volume - 1, Issue – III, pp 10-16, Nov-2012, ISSN:2278-7720 (Online Journal	2012
44	Vibha Kaw Raina, Dr. U.S Pandey, Dr. Munish Makkad	<b>A User Friendly Transaction Model of Mobile Payment with reference to Mobile Banking in India</b>	Published in International Journal of Information technology (INTJIT) Singapore Vol.18, No.2, Dec-2012 (Online Journal).	2012

45	Vibha Kaw Raina	Overview of Payment Systems- Technologies and Security	Electronic Payment Systems for Competitive Advantage in E Commerce (Book Chapter), Editor: Francisco Liébana-Cabanillas, Francisco Muñoz-Leiva, Juan Sánchez-Fernández. <b>Publisher:</b> IGI Global	
46	Vibha Kaw Raina	Emerging Technologies for User Friendly Mobile Payment Applications	Electronic Payment Systems for Competitive Advantage in E Commerce (Book Chapter) • <b>Editor:</b> Francisco Liébana-Cabanillas, Francisco Muñoz-Leiva, Juan Sánchez-Fernández. <b>Publisher:</b> IGI Global	
<p style="text-align: center;">Dr. Suparna Dutta Associate Professor (Humanities) Department of Management</p>				
47	Dutta Suparna, Mehta Niket (2019),	Multimedia Communication as a Means to Address Teen Pregnancy: A Perspective	Proceedings /Publication of <b>International Conference</b> on Electrical, Communication, Electronics, Instrumentation and Computing (ICECEIC) held on 30th & 31st January 2019, Sri Chandrasekharendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram, Tamil Nadu, India, IEEE Chennai [ <b>Scopus Indexed</b> ]	2019

		ve of Behavior Change Communi cation		
48	Mehta Niket, Dutta Suparna (2019),	Overcom e the Challenge s of Social Message Communi cation in Digital Age through Games,	16 <sup>th</sup> <b>International Conference</b> on Remote Engineering and Virtual Instrumentation (REV2019) 03–06 February 2019, B M S College of Engineering, Bengaluru, India and Indian Society for Remote Engineering and Data Science (INSOREDS), Page 754-766 [Scopus] <a href="http://rev-conference.org/">http://rev-conference.org/</a>	2019
49	Dutta Suparna, Mehta Niket (2019),	Augment ed Reality - A Tool for Mediated Communi cation: A Case Study of	Series Title: Advances in Intelligent Systems and Computing (Published under the imprint Springer), <b>International Congress on Information and Communication Technology</b> (ICICT 2019), ISSN:2194-5357 [Springer journal] [Scopus Indexed]	2019

		Teen Pregnanc y in Contexts Like India,		
50	Dutta Suparn a, Mehta Niket (2019),	ROLE OF IMMERSI VE TECHNOL OGY IN THE BUSINESS COMMUNICATIO N TODAY,	International Conference on Research in Business: Honouring the past, appreciating the present and influencing the future at: India International Centre, New Delhi, India (Feb 2019)	2019
51	Dutta Suparn a, Mehta Niket (2019)	Relevanc e of Behaviou r Change Communi cation in the Mahatma Gandhi and	Edited Book: Mahatma Gandhi and Pandit Deendayal Upadhyay: Concurrence on Economic Intellection, ISBN Number 978-81- 934842-2-7, Swaranjali Publications, Ghaziabad, Uttar Pradesh, India, <a href="https://www.researchgate.net/publication/331703690">https://www.researchgate.net/publication/331703690</a>	2019

		Pandit Deenday al Upadhya y Legacy		
52	Niket, M., & Supa rna, D. (2018).	Emotions and 21st Century Communi cation.	<i>International Journal of Engineering &amp; Technology</i> , 7(4.5), 5-7. doi: <a href="http://dx.doi.org/10.14419/ijet.v7i4.5.199">http://dx.doi.org/10.14419/ijet.v7i4.5.199</a> <b>98 [Scopus Indexed]</b>	2018
53	Dutta Suparn a, Mehta Niket (2017)	Teenage Pregnanc y: Glimpses of unhappin ess in the 'All is Well' perceptio n,	International Symposium on Frontiers of Infrastructure Finance organized by VGSOM, IIT Kharagpur (14-15 Dec. 2017)	2017
54	Dutta Suparn a, Mehta	SWWAM PURNA: A Behavior al Change	, Institute of Business Management, GLA University, Mathura	2017

	Niket (2017)	Communi- cation in Teenage Pregnanc y – A Study of NCR slums 2016		
55	N. Mehta and S. Dutta,	Multimed ia for effective communi- cation	<i>International Conference on Signal Processing, Communication, Power and Embedded System (SCOPES)</i> , Paralakhemundi, 2016, pp. 57-58. doi: 10.1109/SCOPES.2016.7955510, URL: <a href="http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=7955510&amp;isnumber=7955497">http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&amp;arnumber=7955510&amp;isnumber=7955497</a>	2016
56	Mehta Niket, Dutta Suparna (2015)	<i>Better Health Awareness through New Modes of Communi- cation</i>	Global Academic Meeting 2015 at Jawaharlal University, New Delhi, 1-4 April 2015, Published in European Scientific Journal (ESI). Impact Factor - ICV 2013 = 8.25 ( <a href="http://eujournal.org/index.php/esj/issue/curr">http://eujournal.org/index.php/esj/issue/curr</a> ent )	2015

57	Mehta Niket, Dutta Suparna, Bandyopadhyay Asit (2015),	<i>Social Awareness Through New Media</i>	International Journal of Emerging Technologies in Computational and Applied Sciences, Issue 11 Volume 3, December 2014- February 2015, pp. 258-261. Impact Factor – 1.237 ( <a href="http://iasir.net/journals.html">http://iasir.net/journals.html</a> & <a href="https://issuu.com/iasir/docs/ijetcas_issue_11_vol3-1">https://issuu.com/iasir/docs/ijetcas_issue_11_vol3-1</a> ) [Scopus Indexed]	2015
58	Dutta Suparna, Mehta Niket (2014),	Inciting Gender Sensitivity through Digital Games – Humanity is needed to implement technology	International conference on Frontiers of Infrastructure Finance organised by Vinod Gupta School of Management, Indian Institute of Technology, Kharagpur, India, [November 13-15, 2014]	2014
59	Dutta Suparna, Mehta Niket, Pratik Rachan	Humane Digital Route To Customize	7th International Technology, Education and Development Conference [March 4th-6th, 2013, Valencia (Spain)] ISBN: 978-84-616-2661-8, ISSN: 2340-1079 (Archive in Digital Library of IATED at	2013

	a, (2013)	Communi cation For  Sustainab le  Develop ment	<a href="http://library.iated.org/view/DUTTA2013HUM">http://library.iated.org/view/DUTTA2013HUM</a> )	
60	Dutta Suparn a, Mehta Niket (2013),	Social Message through New Media	, Proceedings of International Conference on Computation and Communication Advancement (IC3A)-2013, IEEE Kolkata Session, McGraw Hill publication, Page 341- 344, organised by JIS College of Engineering, ISBN No.: 978-1-25-906393-0, 2013. [Jan 2013]	2013
61	Mehta Niket, Dutta Suparn a, Bandyo padhya y Asit (2013),	<i>Video Games To Convey Serious Messages – A Study Using Food Force 2 Game</i>	, KIET International Journal of Communications & Electronics, KIET IJCE (ISSN: 2320-8996) <a href="#">Link</a>	2013
62	Suparn a Dutta, Chande	Innovatin g ICT for Gender	IJRCM	2013

	r Mohan, Partha Acharya (2013),	Sensitive Develop ment Communi cation in India,		
63	Mehta Niket, Dutta Suparna, Tiwari Anuj, Hutchful David (2012),	Gaming as a Tool To Eradicate Female Foeticide In India"	AICTE sponsored conference "Recent Trends in Computing, Mechatronics and Communication" at Om Institute of Technology, Hisar, Haryana, ISBN 978-81-923446-0-7	2012
Dr. Vandana Sharma Associate Professor, Department of Management				
64	Chakraborty N, <b>Sharma V</b> & Ranjan J (April 2020).,	A Perceptual study on Factors of Medical Data security in Indian Organisations	International Journal of Business Information Systems (IJBIS), Vol. 33, No.2, Inderscience Publishers, Geneva, Switzerland, U.K. [Scopus (Elsevier) Indexed]	2020

65	Dhir R & Sharma V (Jan 2020)	Exploring dimensions of Psychological Capital through Grounded Theory Investigations	International Journal of Indian Culture and Business Management, Vol. 20, Issue 1, pp. 109-132, Inderscience Publishers, Geneva, Switzerland, U.K. [Scopus (Elsevier) Indexed]	2020
66	Srivastava N, Sharma V & Chakladar B (Sep 2019)	A study to assess impact of Carbon Credit Trading into Costs and Prices of different Goods and Services- A study from Airline Industry	International Journal of Global Environmental issues, Vol. 18, No.2, pp. 126-141. [Scopus Unpaid Indexed]	2019
67	Gupta N & Sharma V (Aug 2019)	Employee Engagement: A Structured Review of	Int. J. of Business Innovation and Research (IJBIR), Vol. 19, Issue 4. [Scopus Indexed]	2019

		Antecedents and Consequences		
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#### 4. Books and Other Publications by Female Faculty, Research Scholars

S.No.	Title	Author/s	Publication	Date/Year
1.	Monograph on Retail Management (2008).	Dr. Meenakshi Sharma, Associate Professor, Department of Management	BIT Mesra	2008
2.	NFC Payment Systems and the New era of Transaction Processing	<i>Dr. Vibha Kaw Raina Assistant Professor Department of CSE</i>	IGI Global Pennsylvania.	2017
3.	SCOPUS Indexed book	„	Scopus	2018
4.	Business Communication	Dutta Suparna	PHI Publication, ISBN - 978-81-203-4818-9	2013

## 5. Awards, Achievements and Appreciation bestowed upon Female Faculty, Research Scholars, Staff or Students and other Activities

Awards and Recognition won by the female students for the projects done under guidance of teachers:

### 1. Progress in Distress (Pragati Mein Durgati) –



A film made on the topic of Health and Hygiene (with a mention of women issues also) made by students of B.Sc. Animation and Multimedia under guidance of Dr. Suparna Dutta, won appreciation at India International Science Film Festival organized by Vigyan Prasar, Govt. of India held at New Delhi (2016)

2. Swampurna –



An animated film made on the topic of Menstrual Hygiene made by student of MBA Ms. Niti Kesarwani under guidance of Dr. Suparna Dutta, won prize at India International Science Film Festival organized by Vigyan Prasar, Govt. of India held at Chennai (2017)

3. Swampurna II: Beyond Padman –



A film on the topic of Teenage Pregnancy made by all girls students team - Tanvi, Anupriya, Nayanika, Akshita, Megha, Priya and Tanisha of B.Sc.

Animation and Multimedia under guidance of Dr. Suparna Dutta, won first prize at India International Science Film Festival organized by Vigyan Prasar, Govt. of India held at Lucknow (2018). <https://youtu.be/jRBR-64Y5Ns>

4. In 2019, National Science Film Festival of India (24<sup>th</sup> to 28<sup>th</sup> January 2019) held at Chandigarh University, Chandigarh, Punjab, a film “Swwampurna III: Menstrual health; surmounting the ignominy of disposing used Female Hygiene Products” made by students Nayanika Prasad and group under guidance of Dr. Suparna Dutta was well-appreciated.
5. Ms. Madhulika Anand and Ms.Vartika Tyagi , (B.Sc. A & M, 2017-2020 batch) . Their film “**Oxygen**” - a 2D Animation short film on pollution nomination and screened in **International Science Film Festival of India**, 6<sup>th</sup> to 8<sup>th</sup> November 2019 at Satyajit Ray Film and Television Institute, Kolkata. This film was also nominated in **CMS Vatavaran Short Film Competition** and Festival 2019.
6. “The Health Crusaders” a film by students of Animation and Multimedia was showcased at the 7<sup>th</sup> National Science Film Festival in Kolkata (2017) made under guidance of the teachers Mr. Lalit Mohan Bhatt and Niket Mehta.

**Achievements of Female Students:**

<i>Sr. No</i>	<i>Name of Student</i>	<i>Achievement/Position / Award etc</i>	<i>Organised by</i>	<i>Date and Venue</i>
1.	Mimansa Sinha	Level Reached 10.7	STEP from THE HINDU GROUP	14.05.2020 STEPATHON9
2.	Rimjhim Sharma	State Topper in National Communication Skills Challenge 2019	ICT Academy, Chennai	26.02.2020 (Online)
3.	Shreya	State Topper in National Communication Skills Challenge 2019	ICT Academy, Chennai	26.02.2020 (Online)
4.	Mink Sinha	Certificate of Completion	SkillSlate and Zovy organised a national level awareness program - Patience - a Key to success.	23.7.2020 (Online)
5.	Madhulika Anand and Vartika Tyagi	Nomination and Screening at prestigious film festivals	International Science Film Festival of India, Kolkata  And CMS Vatavaran Short Film Competition and Festival 2019, New Delhi	9.11.2020  Satyajit Ray Film and Television Institute, Kolkata and New Delhi

## Gender Sensitization Activities:

Suraksha Pakhwada (16 Jan to 29 Jan 2020):



On 29<sup>th</sup> January 2020, a session on Gender Sensitization took place in Suraksha Pakhwada programme. The session was addressed by eminent speaker Ms. Anita Singh who has completed her LL.M. in International Laws from WB NUJS, Kolkata and was awarded Nani Palkhiwala Memorial Gold Medal for academic performance upon which she joined NALSAR as a Research Associate for the Centre for Aerospace and Defence Laws. She is also pursuing her Ph.D. in the arena of Defence Laws from NALSAR. She has also provided research assistance to legislation drafting and study projects undertaken by the University for the State of Andhra Pradesh and Telangana and to a Research Study on Transfer of Technology in Indian Defence

Sector sanctioned by Ministry of Defence. She has also taught courses on Corporate Governance, International Space Law, and Defence Procurement. The event was also graced by Cdr. Dr. Balwant Sharma former director BIT, Noida Campus.

Expert sensitized the students about gender issues such as respecting people and giving equal opportunities at workspace regardless of gender. She gave interesting examples from day-to-day situations to make students understand the concepts. She made students play some games to make them aware about this sensitive issue. She said that how we have conceptualized in our minds that some acts are feminine, and some are masculine like cooking food is considered as women's job and earning for living is considered as job of men but because of spread of education and modernity the old concepts are no more valid and we need to rise above these illogical myths. She made the session interesting by making it interactive and involving participants in activities and discussions. Teachers also put forth their inputs to further the discussion.

**Students' Activities organised by Female Faculty / Students:**

Sr. No.	Name of the Activity	Students' Co-Ordinator (If any)	Faculty Co-ordinator (if any)	Date / Duration
1.	LEARNATHON: learning prog on emerging technologies	--	Seema Sharma Rachana Pratik	4.5.2020- 16.5.2020
2.	Annual Sports	Rishabh Jain, Atul Sharma, Samyak Jain, Amritanshu Priya,	Umair Ujala & Sheetal Sehgal	25.02.2020 – 01.03.2020

		Manas Triptahi & Anant Upadhyay		
3.	Matribhasha Diwas celebration	Nikhil & Nitika - BCA	Pramila Joshi	21.02.2020
4.	Workshop on Python Programming	--	Sheetal Sehgal	12.02.2020
5.	Self-Learning program on Software-Defined Storage Concepts	--	Charu Wahi	28.01.2020
6.	Suraksh Pakhwara	Rishabh Jain (BBA)	Pramila Joshi, Ritu Gandhi & Priti Sharma	16.01.2020 - 30.01.2020
7.	Participation in a TV show Aap Ki Adalat on India TV.	Samyak Jain, B.Sc. A &M, VI Semester	Seema Sharma & Dr. Niket Mehta	10.01.2020
8.	Industrial Interaction with Focus Animation Studio	--	Partha Acharya	09.01.2020
9.	Bridge Prog.- Industry/Academia Connect at AICTE	--	Dr. Asha Prasad Sadhu Mallika Rachana Pratik Dr. Abhishek Singh Dr. Niket Mehta	11.12.2019

10.	Students' visit to Japanese Cultural Festival Konnichiwa organized by AICTE	--	Aroop Kerketta	23.11.2019
11.	Seminar on AI	--	Muntaha Ahmad	15.11.2019
12.	Vigilance Week Celebration - organized by Indian Oil Corporation Limited	Rimjhim (BBA)	Rachana Prateek	09.11.2019
13.	BIT Noida Animation course students attended India Today's literature festival		Dr. Suparna Dutta, Dr. Niket Mehta	01.11.2019
14.	Students visited AICTE Head office, New Delhi to watch a play "Kya Kareng" enacted by Out of the Box Production Mumbai.	--	Mrs Rachana Pratik and Dr Niket Mehta.	22.10.2019
15.	Visit to Alliance Francis to watch the exhibition of graphics and	--	Dr. Suparna Dutta, Dr. Niket Mehta	09.09.2019

	paintings by B.Sc. Animation and Multimedia student Anumegha Bhattacharya			
16.	Blood Donation Camp	Rishabh Kumar Choudhary (BCA), Rishabh Jain (BBA), Keshav Mallick (MCA)	Charu Wahi & Dr. Niket Mehta	04.09.2019
17.	Art Of Living course	--	Harpreet Charanjit	03.09.2019 - 06.09.2019

*List of Some Distinguished Female Alumni*

<b>Sr.No</b>	<b>Name, Batch and Affiliation</b>	<b>Short Description</b>
1.	Saumya Ambastha, MTech (CS) 2014-16,  Senior Software Engineer, HCL Technologies	<i>She is currently working with HCL Technologies, Noida as Senior Software Engineer in Robotic Process Automation (RPA) and had worked with spectrum of RPA tools through several of the projects. She had also worked as Junior Engineer in Electrical Department with Delhi Urban Shelter Improvement Board, Govt. of NCT for nearly 2 years.</i>
2.	Ms. Khyati Dwivedi,  MBA 2015-17, BBA 2009-12  Tech Mahindra	<i>Presently working as Sr. Trainer (International Communication Training) with Tech Mahindra. She has also served Wipro as Assistant Manager (Voice and Accent Training).</i>

## 6. Conference, Workshops, Seminars organized or attended by Female Faculty, Research Scholars

### Session Chaired:

*Dr. Vibha Kaw Raina, Assistant Professor, Department of CSE* chaired and judged the session at IET Awards 2013/14 “Present Around The World Competition, Delhi Local Network Level”. Held at BVICAM New Delhi.

### Conference Organised:

A three days “International Conference on Emerging Multimedia Technology for Social Equity and Empowerment” was organised by Dr. Suparna Dutta from 16<sup>th</sup> to 18<sup>th</sup> March 2017. It was sponsored by SERB, Govt of India and supported by Kent State University, Ohio, USA, Kiran Nadar Museum of Art, Wacom India and PSSAMTEK Media Ltd.

### Conferences/ Seminars/ Workshops/ Staff Development Programmes attended by

### Faculty Members:

Sr. No.	Name of the Faculty	Title of the Conference/ Seminar	Funding Agency	Organizers	Venue	Date (dd.mm.year)
1.	Sadhu Mallika, Mrinalini Mehta & Preety Bajaj	Certificate course on digital teaching Technique	NA	ICT Academy	Online	29.06.2020 - 04.07.2020
2.	Preety Bajaj & Ritu Gandhi	FDP on Process Management In	NA	ICT Academy	Online	03.6.2020 - 08.6.2020

		Problem Solving				
3.	Priti Sharma, Pramila Joshi, Mrinalini Mehta, Lipika Jha, Anurag Joshi, Sheetal Sehgal, Sadhu Mallika, Muntaha Ahmad, Dr. B.B. Sagar, Dr. Meenakshi Sharma	FDP on R	NA	BIT Noida in collaboration with IIT Mumbai	Online	11.05.2020 - 15.05.2020
4.	Sheetal Sehgal	Introduction to Python Programming	NA	ICT Academy	Online	06.05.2020 - 12.05.2020
5.	Seema Sharma	Introduction to Cloud Computing	NA	ICT Academy	Online	30.04.2020 - 05.05.2020
6.	Seema Sharma	Data Science with Python	NA	ICT Academy	Online	23.04.2020 - 29.04.2020
7.	Charu Wahi	Safer Internet	NA	FICCI Federation House, Delhi	Delhi	10.02.20
8.	Dr. Vibha Kaw	Faculty Development Program on Introduction to Python Programming	NA	ICT Academy	DAV Centenary College, Faridaba	03.02.2020 - 05.02.2020

					d, Haryana	
9.	Seema Sharma & Charu Wahi	Invest Digicom 2019	NA	FICCI	India Habitat Centre, Delhi	24.09.20 19
10.	Dr. Suparna Dutta	National Summit on Bridging Skill Gaps in Industry 4.0 at PHD Chamber of Commerce	NA	PHDCCI	PHDCCI House, New Delhi	13.9.201 9

## 7. Gender Statistics 2020: BIT Noida Campus

### Ratio of Male & Female

UG Students: <ul style="list-style-type: none"><li>• Female: 31.52 %</li><li>• Male: 67.83 %</li></ul>	Masters Students: <ul style="list-style-type: none"><li>• Female: 25.45 %</li><li>• Male: 74.54 %</li></ul>
Faculty: <ul style="list-style-type: none"><li>• Female: 64.70 %</li><li>• Male: 35.29 %</li></ul>	Support Staff: <ul style="list-style-type: none"><li>• Female: 9.37 %</li><li>• Male: 90.63 %</li></ul>
PhD Students: <ul style="list-style-type: none"><li>• Female: 65.51 %</li><li>• Male: 34.48 %</li></ul>	

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