

Sur University College

Research Contribution – Publications, Consulting and Community Service
Annual Research Bulletin
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Words from the Editors

This research bulletin highlights research activities, journal publications, seminars, conferences and on-going research projects at Sur University College for the Academic Year 2018/19. The 9th volume is the 2nd annual Research Bulletin that underlines the university college's continuous commitment towards quality research, consultancy and community service (by targeting research problems of the local community). We are thankful to all the faculty members for their commitment and hard work.

Keeping in view the University College's Vision and Mission, a serious on-going effort is being made to support and encourage faculty members to carry out research that meets international quality standards. Over the past years, management has also encouraged faculty members to undertake research projects that meet local community needs, target socio-economic areas and for inter and intra departmental collaborations. Sur University College understands that importance of research in contemporary teaching. It is therefore that faculty members make serious efforts to maximize on the support provided by the management and align their research with the Strategic Plan. The editors would like to thank all those who have shown commitment towards research.

Editor-in-chief
The Dean
Dr. Ali AlJarrah

Associate Editor
Assistant Dean for Academic & Research Affairs
Dr. Sitwat Usman Langrial

Indexed Journal Publications (Scopus & Web of Science etc.)

Seria I No.	Department	Author/s	Affiliation	Research Title	Journal Details
1.	Engineering	I Elbadawy, A Sabry, MH Shedid, A Basheer	Department of Mechanical Engineering, College of Engineering and Technology, American University of the Middle East, Kuwait, Department of Mechanical Power Engineering, Faculty of Engineering, Mattaria, Helwan University, P.O. Box 11718, Masaken El-Helmia, Cairo, Egypt, Sur University College, Oman.	** Heat transfer characteristics in wake region of a single finned obstacle	International Journal of Thermal Sciences 128, 149-159
2.	Engineering	MA Yassin, MH Shedid, HMA El-Hameed, A Basheer	Mechanical Power Engineering Department, Faculty of Engineering, Mattaria, Helwan University, Cairo, 11718, Egypt , Sur University College, Oman	** Heat transfer augmentation for annular flow due to rotation of inner finned pipe	International Journal of Thermal Sciences 134, 653-660
3.	Engineering	Mostafa M Abd El-Samie, MH Shedid, MAM Hassan	Department of Mechanical Engineering, Helwan University, Sur University College, Oman	Numerical study of a solar thermoelectric generator with nanofluids based microcooling system	Numerical Heat Transfer, Part A: Applications 74 (12), 1804-1826
4.	Engineering	Vishal Mathur, P. K. Arya	^a Department of Engineering, Sur University College, Oman ^b Icfai Tech School, The ICFAI University, Jaipur,	Assessment of tensile interphase profile of PVC/TiO ₂ polymer nanocomposites	Philosophical Magazine Letters 99 (2), 87-94, 2019 DOI: 10.1080/09500839.2019.1628365

			India		
5.	Engineering	RanaMukherji, VishalMathur, ArvindSamariya&Mani shitaMukherji	^a The ICFAI University, Jaipur, India; ^b Sur University College, Sur, Oman; ^c S.S. Jain Subodh P.G. College,Jaipur, India; ^d Amity University Rajasthan, Jaipur, India	** Experimental and theoretical assessment of Fe-doped indium- oxide-based dilute magnetic semiconductors,	Philosophical Magazine, 2019 DOI: 10.1080/14786435.2019.162 4851
6.	Engineering	RanaMukherji, Vishal Mathur	^a The ICFAI University, Jaipur ^b Department of Engineering, Sur University College, Oman	** Review on Available Theoretical Models for Room Temperature Ferromagnetism in Dilute Magnetic Semiconductors	JOURNAL OF NANO- AND ELECTRONIC PHYSICS, Vol. 11 No 3, 03039(3pp) (2019)
7.	Engineering	Pavankumar Pathak, Ajay kumarPagare and Dr. Mohammad Israr	Department of Mechanical Engineering, Jaipur National University, Rajasthan, India Department of Mechanical Engineering, Jaipur National University, Rajasthan, India, Sur University College, Oman	Design Improvement of Solar Still Device Using Separate Condenser	International Journal of Engineering and Advanced Technology, ISSN 2249-8958 (Online), Volume-8, Issue-4, [April- 2019], pp 177-182.
8.	IST	Gohar Ali	Sur University College	Cross Company Customer Churn Prediction in Telecommunication: A comparison of Data Transformation Methods	Elsevier- International Journal of Information Management, Volume 46, June 2019, Pages 304-319 . (Web of Science). IF. 4.5
9	IST	Dr. M. Sadish Sendil	Sur University College	Heart disease prediction using SVM based neuro-fuzzy technique in the cloud computing	International Journal of Engineering & Technology, Vol. 7 No. (2.20) (2018) pp. 153- 158 (Scopus Indexed)

10	IST	Dr.Brem	Sur University College	An efficient feature extraction technique for palm-print recognition system	InderScience- International Journal of Biomedical Engineering and Technology, Vol.24,No.4,2018 Scopus Indexed https://www.scimagojr.com
11	IST	Al-Qdah, M. Sharaf., Amer Nizar Fayez, Salim J & Tarek Khalil.	Sur University College, Oman	A Grounded Theory for ICT Mediated Tacit Knowledge Transferability in MNCs.	Interdisciplinary Journal of Information, Knowledge, and Management , volume 13 2018, pp. 311-335 (Scopus journal Q3)

Peer Reviewed Journal Publications

Serial No.	Department	Author/s	Affiliation	Research Title	Journal Details
1.	Engineering	Faris Hameed Ayman K. Abdelgadir	Sur University College, Oman	Planning for Cultural Sustainable Tourism in Iraq - Reality and challenges.	Um Al-Qura University Journal of Engineering & Architecture. KSA ISSN: 1658-4635 Vol. 9, issue 2, April 2019.
2.	Engineering	Ayman Abdelgadir Omer A. Abu Elzein Faris Hameed	Sur University College, Oman Najran University, KSA Sur University College, Oman	Social Priorities of Less Developed Countries Sustainable Housing (Case of Sudan)	ARChive, Vol 3, issue #1 (2019): Energy Efficiency and Built Environment in Developing Countries Online ISSN : 2537-0162 Print ISSN : 2537-0154
3.	Engineering	Osama, Dina, Abdelhady, Ahmed	Sur University College, Oman SuezUniversity, Egypt HBRC, Egypt	** Impact of Utilization Compressed Stabilized Earth Blocks on Thermal comfort in Architectural Spaces	Arab Journal of Sciences and Research Publishing ISBN: 2015-499, ISSN 2518-5780, Volume 3, Number 1
4.	Engineering	Osama, Nabil, Abdelhady, Asmaa	Sur University College, Oman	** Windows Factors Impact on Air Speed and Quality Inside	International Journal of Applied Engineering Research ISSN

			SuezUniversity, Egypt HBRC, Egypt	Architectural Spaces	0973-4562 Volume 13, Number 15 (2018) PP 12146-12156
5.	Engineering	Kamal Kishore, Dr. Mohammad Israr and Dr. Jai Dev Chandel	Research Scholar, Department of Mechanical Engineering, O.P.J.S. University, Churu, Rajasthan, India, Sur University College, Oman, Vice President – Operations, Jindal Saw Ltd, Samaghogha, Gujarat, India	Explosion bonded clad plate joining and analysis of weld properties	International Journal for Research in Engineering Application & Management, ISSN 2454-9150, Volume 4, Issue 11, [Feb-2019], pp 166-171
6.	Engineering	Kamal Kishore, Dr. Mohammad Israr and Dr. Jai Dev Chandel	Research Scholar, Department of Mechanical Engineering, O.P.J.S. University, Churu, Rajasthan, India, Sur University College, Oman, Vice President – Operations, Jindal Saw Ltd, Samaghogha, Gujarat, India	Material Characterization of Explosion Welded Clad Plate of Carbon Steel and Alloy 825	International Journal of Scientific Research and Review, ISSN 2279-543X, Volume 8, Issue 2, [2019], pp 441-455
7	Engineering	KomaSharmal VikasSindhu Sanju, RadheyShyam Meena Dr Mohammad Israr	Electronics and Communication Engineering Department University Institute of Engineering & Technology, M D University, Haryana, India, M E R I College of Engineering and Technology, Sampla, Haryana, India Ministry of New and Renewable Energy, New Delhi, India, Sur University College, Oman	** Status, Potential and Harnessing of Renewable Energy in India- A Comprehensive Analysis	International Journal of Scientific Research and Review SSN NO: 2279-543X Volume 8, Issue 6, 2019, pp 816- 831

8	GFP	Sher Ali Khan Murad Younis	University of Agriculture, Pakistan Sur University College, Oman	Role of Mathematics in Day- to-Day Life	Journal of Applied Science and Computations An ISO 7021-2008 Certified Journal ISSN No. 1076- 5131 web: http://j-asc/email
9.	GFP	Maricel M. Palaming	Sur University College, Oman	Student's Disruptive Behavior Inside the Classroom: A Situational Analysis	International Journal of Research ISSN 2348-6848 In Factor 5.60 email: editor@edupediapublications.com website: http://edupediapublications.org
10.	GFP	Clarissa M. Palaming Aquino	Sur University College, Oman	The Used of Inductive and Deductive Methods of Teaching Grammar	International Journal of Research ISSN 2348-6848 In Factor 5.60 email: editor@edupediapublications.com website: http://edupediapublications.org
11.	GFP	Arturo G. Palaming	Sur University College, Oman	Group and Group Work Behavior: A Manager's View	International Journal of Research ISSN 2348-6848 In Factor 5.60 email: editor@edupediapublications.com website: http://edupediapublications.org
12.	GFP	Arturo G. Palaming	Sur University College, Oman	The Relationship Between Reading Comprehension and Reading Strategies Used By the Students	International Journal of Research ISSN 2348-6848 In Factor 5.60 email: editor@edupediapublications.com website: http://edupediapublications.org
13.	BA	Prasad and Issa	Sur University College, Oman	Leadership Lessons from the Military	Volume 25, Issue No. 1, published in the South Asian Journal of Management (SAJM) (ISBN: 978-81-321-1848-0)
14.	BA	T. Kalakumari &M.JehanMurugadhas	Sur University College, Oman	** Risk management process of cloud computing in banking sector	JETIR-Journal of Emerging Technologies and Innovative Research, (ISSN-2349-5162) Volume 5, Issue 11, November 2018.

15.	BA	T.Kalakumari&M.JehanMurugadhas	Sur University College, Oman	** An analysis of educational technology usages of college students in learning process	International Journal of Academic Research and Development ISSN: 2455-4197 Impact Factor: RJIF 5.22 Volume 3; Issue 5; September 2018.
16.	BA	Ehab & Prasad	Sur University College, Oman	A Comparative Study of Conventional Versus Islamic Banks in Oman	International Journal of Social Relevance & Concern (IJSRC), Volume 7 Issue 2 February 2019 (p.p. 22-26) [ISSN : 2347-9698]
17.	BA	Prasad	Sur University College, Oman	Consumer Perception towards Green Cosmetic Products in Oman	International Journal of professional management, Volume 14, Issue 1, January 2019 (ISSN 520422341). 6
18.	BA	Prasad	Sur University College, Oman	Marketing of B-Schools,	International Journal of Business and Applied Social Science (JBASS), Volume: 4, Issue 9, September 2018 (E-ISSN: 2469-6501)
19.	BA	D. C. Stalin	Sur University College, Oman	A Comparative Study of Financial Literacy and Financial Needs of Unbanked and Under banked population	SHANLAX International Journal of Commerce. Volume 7, Issue 2, Month-April, Year – 2019, ISSN:2320-4168
20.	BA	D. C. Stalin	Sur University College, Oman	A Study on Factors Motivating to Start Poultry Farm in Tamilnadu	B-Digest Journal of Commerce and Management. Volume 5, Month-May, Year – 2019 ISSN 0975 – 2617
21.	IST / BA	Mohammed Hayel Refai Saleh Ali Alomari TarikKhalil Hussam Saleh Abu Karaki	Sur University College, Oman	RCuA: rule classification use association data mining model for structure and	<i>International Journal of Engineering & Technology, 7 (4) (2018) 5659-5665</i>

				unstructured data	<i>doi: 10.14419/ijet.v7i4.28379</i>
22.	BA	M.K.G Rajev	Sur University College, Oman	A Comparative Scientometric Analysis on Contribution of Two Library and Information Science Journals in India during 2014-2017	International Journal of Arts, Science and Humanities, 6 (1), pp. 1-6, 2018
23.	BA	Basil J.	Sur University College, Oman	** Risk tolerance profile of investors in the Gulf states	International Journal of Economics Commerce and Management
24.	IST	Karaki, Hussam Saleh Abu, Saleh Ali Alomari, and Mohammed Hayel Refai	Sur University College, Oman	A Comprehensive Survey of the Vehicle Motion Detection and Tracking Methods for Aerial Surveillance Videos.	International Journal of Computer Science and Network security
25	IST	Laila Samea	Sur University College, Oman	** Information Literacy skills among the Undergraduate Students: Sur University College case	Arabic Journal of Library & Information Science. Vol. 38, No. 1 (Jan. 2018).

International / National Conferences, Proceedings, Workshops

Serial No.	Department	Author/s	Affiliation	Paper Title	Conference Details
1.	IST	Dr.Gohar Ali and Mr.Ilyas	Sur University College	TDMA Scheduling in Cluster-based Wireless Sensor Networks	International Conference on Advanced Technologies, Computer Engineering and Science 26- 28 Apr 2019 / Alanya, Turkey. ICATCES 2019 Proceeding Book ISBN: 978-605-9554-18-3,
2.	IST / BA	Dr. Laila Samea and M. K. G Rajev	Sur University College, Oman	Information Literacy Competencies on the Era of Big Data in the Academic Environment	Oman Library & Information Association 1st International Conference: "Information Profession & Community Responsibility" (February 2019)
3.	IST	Sitwat Usman Langrial	Sur University College, Oman	** Persuasive Information System-based Intervention	Accepted for publication at Common Ground Research Network Journal.

				for Child Healthcare	
4.	General Foundation Program	Arturo G. Palaming (Presenter)	Sur University College	** General Foundation Program: A Prescriptive Curriculum	South Al Sharqiyah College November 7, 2019
5.	General Foundation Program	Arturo G. Palaming (Presenter)	Sur University College	Teaching, Learning and Assessment: Needs, Challenges and Expectations	Sohar University March 21, 2019
6.	General Foundation Program	Arturo G. Palaming (Presenter)	Sur University College	Assessment Literacy of EFL Teachers: Towards Writing a Test	Ibri College of Technology April 7, 2019
7.	General Foundation Program	Arturo G. Palaming (Presenter)	Sur University College	Reading as Skill Development	Ibri College of Technology April 7, 2019
8.	BA	T.Kalakumari & M.JehanMurugadhas	Sur University College, Oman	Risk management process of cloud computing in banking sector	International Conference on Paradigm Shift Towards Cloud Banking- Organized by Sankara College of Science & Commerce, Coimbatore, Tamil Nadu, India on 12 th October 2018
9.	BA	V.K. Vyas, Ali A. Al –Jarrah and S.D. Purohit	1 Sur University College 2. Rajasthan Technical University Kota 324010, Rajasthan, India	q-Sumudu transforms pertaining to the product of family of q-polynomials and generalized basic hypergeometric functions	APPLICATIONS AND APPLIED MATHEMATICS: AN INTERNATIONAL JOURNAL (AAM) indexed by ESCI, Emerging Sources Citation Index EBSCO. Etc
10.	BA	M.K.G Rajev	Sur University College, Oman	A Perspective Approach on the Role of E-Learning and Knowledge Society	Multidisciplinary International Conference on Social Responsibility of Educational Institutions in Developing Countries (ICSEDC 2018) in India
11.	BA	Basil, J	Sur University College, Oman	Investment objectives of Mutual fund investors	International Conference on Emerging Trends and Challenges, ICETC 2019
12.	BA	Basil, J	Sur University College, Oman	Product Performance Satisfaction Level of Mutual Fund Investors	International Conference on Emerging trend in Banking, Insurance & International Trade, ICEBI 2019

13	IST / BA	Dr. Laila & MKG Rajev	Sur University College	Using Plagiarism Detection Tools	Plagiarism Research Collaboration with the Higher Educational Institutes” held on November 22, 2018 at Oman College of Health Sciences, South Sharqiya, Al Shaira, Sur, Sultanate of Oman.
14	BA	MKG Rajev	Sur University College	Strategies to increase the community awareness on public library services	2 nd Symposium of Public & Scientific Libraries of South Al- Sharqiya. IT was held under sponsorship of Department of Heritage & Culture, South Al-Sharqiya : 20th December, 2018 at Oman College of Health Sciences, South Sharqiya, Al Shaira, Sur, Sultanate of Oman.

Books and / or Book Chapters

Serial No.	Book/Chapter Title	Publisher/Year	Author/Editor	Specialization/Area of Study
1.	Study of Ultrasonic Materials Processing with its applications,	ISBN Number: 978 – 81-938411–3–6, Published on 22-10.2018, Sara Book Publication, Ahmedabad, India.	Dr. Mohammad Israr, Dr J K Dadhaniya and Dr. Hanaa Mostafa	Mechanical Engineering
2.	** Cyber Physical Systems and Industry 4.0	Apple Academic Press, Canada, Exclusive worldwide distribution by CRC Press, a Taylor and Francis Group 23, January 2019 Accepted	Dinesh Goyal, S. Balamurugan, S. Karthikrajan, lyswarya Annapoorani and Dr Mohammad Israr	Mechanical Engineering

Research Work in Progress

Department	Author/s	Working Title	Type
BA	MKG Rajev, Dr. Salah AlKhafaji	Journal of Information and Communication Technology – A Bibliometric Analysis	Journal Article
BA	Dr. Randolf Von	Sustainable Supply Chain Management Practices and Performance of Firms in the Sultanate of Oman	Journal
BA	Dr. Thandeka	The Role of International Affiliate HEIs on the Epistemic Quality of Oman Higher Education System	Journal
BA	Basil, J	Work Life Balance and Social Media Addiction of Individuals in Oman and MENA Region	Journal
Engineering	Dr. Hanna Mostafa, Dr. Hesham Gorshy	Effect of the FSP Parameters on the Properties of Metal Foams	Journal Article
Engineering	Dr. Hanna Mostafa, Dr. Hesham Gorshy, Dr. Mohd Shedid	Effect of Alloying Elements on Low Carbon Low Alloy Baintic Steels	Journal Article
Engineering	Dr. Hanna Mostafa, Dr. Mohd Shedid	Effect of Granite Dust Particulates on the Performance of Aluminum (FSP) and Hybrid (FSP) Composites	Journal Article
Engineering	Mr. Mohd T. Safaqah & Dr. Nadim I Shbeeb	Analysis of the Driving Force of a Generally Oriented Crack in a Functionally Graded Strip Sandwiched between Two Homogeneous Layers of Finite Thickness	Journal Article
Engineering	Dr. Ayman Fathy, Dr. Mohd I. Abdelhady, Eng. Fatima Juma Al-Araimi	The Way-Finding as one of the Important Indicators of the Quality Evaluation Process of Indoor Office Spaces	Journal Article
Engineering	Dr. Faris Hameed, Dr. Ayman Abdelgader, Mr. Hisham Ali Alfadhil	An Evaluation Study of Omani City's Master Plan., Sur City as a Case Study	Journal Article
IST	Dr.Gohar Ali and Colleagues	Real-Time Communication in Wireless Sensor Networks	Journal Article
IST	Dr.Gohar Ali	Real Time Image Steam Analytics	Journal Article
IST	Dr. Salah AlKhafaji & Dr. Laila Samea	The Opportunities and Challenges of using Electronic Information Resources in Higher	Journal Article

		Education Teaching and Learning process: Model- Sur University College.	
IST	Mohammed Hayel Refai and Colleagues	RCuA: Rule Classification Use Association Data Mining Model Using Structure and Unstructured Data	Journal Article
IST	Sitwat Usman Langrial	Mental Health Improvement Through ICT (P-ICT) among SUC Student Population	Journal Article

Internal Seminars & Workshops

Faculty Member/s	Topic	Date
Dr. Faris Hameed	Absorption of Urban Built Expansion of Cities In the Concept of Sustainable Urbanism	7/11/2018
Dr. Mohamed Abdelhady	** Methodology of Determining the Area of Windows Openings in the Administrative Buildings	27/11/2018
Dr. Faris Hameed	Sustainable Urban Built Conservation in Iraq and the challenges of terrorism	18/12/2018
Dr. Hesham Gorshy	Optimizations Design	1/1/2019
Dr. Ayman K. Abdelgadir	Applications of AHP on Engineering Researches.	5/3/2019
Dr. Ayman Fathy	** Sustainable design and its impact in interior spaces	27/3/2019
Dr. Mohamed Abdelhady	Windows Factors Impact on Air Speed and Quality Inside Architectural Spaces	21/4/2019
Mr. Mohammed T.	Dynamic response and behavior of R.C. slab under impact loading	5/5/2019
Dr. Hanaa Mostafa	Metallic foams: their production, properties and applications.	2/5/ 2019
Mr Ali Abdullah	The impact of Shariah Governance on performance of Islamic Banks in Oman.	13/11/2018
Dr Dileep Kumar	** Ethics of Research Publications	02/01/2019
Dr Vijay Kumar Vyas	Application of Calculus in Business studies	02/01/2019
Dr Randolph Von	Authorship in Research Publications	20/01/2019
Dr Kala Kumari	Educational Technologies and its Applications on Teaching and Learning Process	20/01/2019
Dr Ehab	Plagiarism, what it is and how to avoid it	12/03/2019
Dr Stalin	** Innovation in Accounting Practices in Oman	19/03/2019
Dr Prasad	"Stress Pliability by self-supervision"	26/03/2019
Dr Manayseh	Adoption of IFRS" in accounting practices	09/04/2019

Dr Basil John Thomas	Think Out of the Box- Block chain with Crypto	16/04/2019
Dr Basil	Work shop on Moodle at Sur University College's LRC – Faculties	17th Feb 2019
Dr.Gohar Ali	Interference-aware rea-time flow scheduling in cluster-based wireless sensor networks	13.12.2018
Dr. K. Appathurai	“ An Overview of Vehicle tracking System”	07-03-2019
Dr.Brem	Spectral Material Mapping using Hyperspectral imagery: Spectral Matching and Library Search methods	20-12-2018
Dr.Brem	An Introduction to R: A Programming Environment for Data Analysis and Graphics	07/02/2019
Dr. Laila, Mr. Rajev	SUC Online Library Catalogue and Electronic Resources	26/09/2018
Dr. Laila, Mr. Rajev	Strategies to avoid Plagiarism	26/12/2018
Dr. Mohammad Sharaf	Knowledge Sharing from ICT Perspective	15/11/2018
Dr. Mohammad Hayel Al-Refai	Multiclass association classification for structure and unstructured data	22.11.2018
Dr. Yi Yi Thaw	Factors influencing consumers' confidence to adopt e-commerce in Oman	08/11/2018
Dr.Sadish	Research Challenges of IoT	11.04.2019

Patents

Serial No.	Manuscript Title	Author/s	Patent office Details	Status
1.	Elastomeric Mooring System for the Offshore Floating Solar Panels	Dr. Mohammad Israr, Shree RadheyShyam Meena, Dr. Hanaa Mostafa, Dr. Hitesh Panchal Dr.Arun Kumar Tripathi and Ms Poonam	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-47/2018, Patent Application Number- 201811040953]	Published on 23.11.2018
2.	High Capacity Cathode Material of Lithium Ion Battery	Dr. Mohammad Israr, Shree RadheyShyam Meena, Dr. Hanaa Mostafa, Dr. Hitesh Panchal, Dr	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy	Published on 23.11.2018

	for Electric Vehicle and Preparation Method Thereof	Sushil Kumar Sharma, Dr.Arun Kumar Tripathi & Ms Poonam	and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-47/2018, Patent Application Number- 201811040993]	
3.	Solar-Electric Power Distribution and Management System for Agriculture Purposes	RadheyShyam Meena, Dr. Mohammad Israr, Dr. Ali AlArjani, Dr. RavindraPathak, Dr. Fauzia Siddiqui, Dilip Nigam, Poonam, DrSudeshnaChakraborty& Dr. S. Balamurugan	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-14/2019, Patent Application Number- 201921006207]]	Published on 05.04.2019
4.	System of Hybrid Renewable Energy Network for Secure and Effective Power Supply	RadheyShyam Meena, Dr. Mohammad Israr, Dr. Ali Al Arjani, Dr. Ravindra Pathak, Professor (Dr.) Vivek Kumar, Dr. SudeshnaChakraborty, Dr. Anshul Gangele, Dr. VikasGarg, Dilip Nigam, Sunil Kumar Gupta, AnindyaSundarPariraand Poonam Meena.	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-20/2019, Patent Application Number- 201911015759]	Published on 17.05.2019
5.	System of power management with maximum power point tracking (MPPT) control of large-scale grid connected inverter for photovoltaic applications	RadheyShyamMeena, Dr.SudeshnaChakraborty, Dr. Mohammad Israr, Dr. Ali Al Arjani , Dr. Hussein Alrobei, UditMamodiya, Dr. Rashmi Agrawal, Dr. Ravindra Pathak, N DevdasNaik , Dr S. K. Dhakad, Dr. Anshul Gangele, Dr. VikasGarg, Hiren Chandra Borah and Poonam Meena	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-21/2019, Patent Application Number- 201911017877]	Published on 24.05.2019
6.	Mobile, Small Size & Renewable Energy Based Power Generating System Useful for Remote	RadheyShyam Meena, Dr. Mohammad Israr, Dr. Niranjnamurthy M., Dr. S. Sheeba Rani, Dr. Ali Al Arjani, Dr. Hussein Alrobei,	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India	Published on 21.06.2019

	Areas	Dr. Mohamed A. SharafEldean, Dr. BonthuKotaiah, Dr. Parul Gupta, Dr. SudeshnaChakraborty, Dr. Rashmi Agrawal, M. Suresh, Dr. Vishal Jain, Dr. Ravindra Pathak, Dr. Nasir Abdul Jalil, Dr. Anshul Gangele, Dr. VikasGarg and Poonam Meena	[Patent Publication Number-25/2019, Patent Application Number-201911022986]	
7.	System for Intelligent and Adaptive Control for Micro Hydro Plant	Dr. HimaniGoyal Sharma, UditMamodiya, RadheyShyam Meena, Dr. Mohammad Israr, Dr. Amit Choudhary, Dr. Ali Al Arjani, Dr. Hussein Alrobei, SavitaAhlawat, Dr. Paresh Kumar Dashratbhai Patel, Dr. Sudeshna Chakraborty, Dr. RatneshLitoriya, Dr. Prateek Pandey, Dr. Anshul Gangele	Intellectual Property India, Office of the Controller General of Patents, Design and Trade Marks, Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India [Patent Publication Number-27/2019, Patent Application Number-201911024489]	Published on 05.07.2019

Research Paper Publications in National & International Journals

Department	No of Papers	Type of Research		
		Basic	Applied	Experimental
Business Administration	10	5	5	-
Information Systems & Technology	7	2	5	-
Engineering	14	-	7	7
GFP / GRU	5	5	--	-
Total	36	12	18	7

Research Paper Presentation in National & International Conferences

Department	No of Papers
Business Administration	7
Information Systems & Technology	3
Engineering	0
GFP / GRU	4
Total	14

Community Oriented Research Publications

Type of Research	Publications
Journals	18
Books	1
Conferences	6
Total	25

Yearly Publications

<i>Publications</i>	<i>2014-15</i>	<i>2015-16</i>	<i>2016-17</i>	<i>2017-18</i>	<i>2018-19</i>	<i>Grand Total</i>
International Journals (Indexed/Peer Reviewed)	8	12	7	38	36	101
National Journals	0	0	0	0	0	0
Books / Chapters	3	2	1	5	2	13
International / National Conferences	5	7	--	9	14	35
Patents	-	-	-	2	8	10
Total	16	21	8	54	60	159