

Rayat Bahra University

Annual Report

2019-20





Chancellor's Message

At Rayat-Bahra Group of Institutions, we believe that every student has the potential and talent to shine despite the ever-increasing standards of excellence in a fiercely competitive scenario. For this peak-like achievement, the students need to be mentored right, which includes not only quality teaching but also moral and emotional nurturing. I take the utmost delight in sharing that we cover all aspects of human personality to nurture the brilliance fit for performance in the globalized 21st century.

As a center of excellence, Rayat Bahra Group of Institutions has dynamically attuned itself to the needs of the fast-changing world. Our faculty has played a stellar role of catalysts in carrying out a transformational education experience. The students here have never been passive learners rather they have adapted themselves as active performers. Enhanced engagement and supportive learning have been the highlights of the professional education here. The results of this rigorously carved out academic atmosphere are not far to see. Rayat-Bahra Group of Institutions towers high with thousands of its alumni performing well in all walks of life across the world.

As you choose and chase your aspirations with us, I wish you success and Lord's bountiful blessings.

S. Gurvinder Singh Bahra
Chancellor



From the Vice Chancellors Desk

The Rayat Bahra University has pioneered significant developments to achieve its excellent reputation today. We, at the Rayat Bara University provide an innovative and high quality education to the students to equip them to meet the challenges of the 21st century. The three pillars of education philosophy at RBU are Inter disciplinary approach to learning; the industry relevant research based pedagogy and global o orientation.

The Rayat Bara University is committed to create a campus environment that supports and promotes superior research and innovative scholarly pursuits. We are committed to empower our students with knowledge, skills and vision to meet the challenges and opportunities of a rapidly changing world by providing quality education using state of the art technology and Infrastructure. Our faculty members have a record both of quality instructional experience and demonstrated research quality.

I intently believe that your stay in the Rayat Bahra University will be an exciting learning experience of a lifetime leaving your imprint on your alma matter. We shall value your presence in our University. I wish the students and parents to carefully read the Prospectus and become aware of our efforts to make the Rayat Bahra University, Mohali a destination for higher education across the world.

Vice-Chancellor

Prof. Dr. Daljit Singh

About Rayat Bahra Group

Rayat Bahra Group of Institutes (RBGI) is a leading private education group in northern India. RBGI was established in the year 2001 and since then it has grown in leaps and bound to become the most trust worthy household name in a very short span of time. The group has emerged as a premier destination for Higher and Professional education while offering various UG, PG and Doctorate courses under its institutes of excellence, These institutes are well known for their brilliant academic culture, and research. The Group has gradually been able to widen its foot prints Nationally and Internationally.

About Rayat Bahra University

RBU is established under Punjab act no. 16 of 2014 vide notification no. 17-leg/2014 dated 13th August 2014 and notified by UGC under section 22 of the UGC act 1956, is empowered to award degree vide letter No. 8-23/2014 (CPP-I/PU Dated 26th Sept 2014 by University Grant Commission (UGC). Just within the vicinity of city beautiful Chandigarh, and well within the reach of the facilities of the city stands the thriving campus of Rayat Bahra University (RBU). The institution has emerged to a position of pre- eminence in the region as well as in the country due to its high academic standards and well-entrenched research and development area. The university has Engineering, Pharmaceutical Sciences, Dentistry, Management, Hospitality, Agriculture, Nursing and Law Schools of Excellence. The university offers a choice based flexible learning system, enabling interdisciplinary approach for learners to learn at their own pace and choose electives from other available courses as well as to take up some additional/value-added courses to increase their skills/employability. In addition, the university offers several courses that serve as a bridge and preparatory tool to narrow the gap required for graduate studies. To become the leader in the field of transformative education and advance learning where we can generate world class value specific, competent and intellectual human capital and empower the students to fulfill their desire of diverse academic and professional pursuit. The university shall provide an advance, adequate and ample opportunity platform with accessible and affordable learning centers for every aspirant learner to gain practical and hands on experience to compete in global market, preserving his/her cultural roots and values intact.

Vision of Rayat Bahra University

To become the leader in the field of transformative education and advance learning where we can generate world class value specific, competent and intellectual human capital and empower the students to fulfill their desire of diverse academic and professional pursuit. The university shall provide an advance, adequate and ample opportunity platform with accessible and affordable learning centers for every aspirant learner to gain practical and hands on experience to compete in global market, preserving his/her cultural roots and values intact.

Mission of Rayat Bahra University

Within a vibrant and ever challenging environment to provide excellence in higher and advance education, Rayat Bahra University discovers, disseminates and apply new technologies and minds through research, partnerships, technical collaborations and community involvements. The focus remains to provide and uplift the standards, quality of education and enriching learning experience.

To impact a multitude of learners with skill based and professional courses, Employability quotient, Experimental learning with customized industry vetted curriculum. The university would thus become AN instrumental and emerges as a strong channel for being a national and international voice of innovation, thus taking a lead in placing India on the global forefront.

GOVERNING BODY

Sr.No.	Name and Address	Designation
1	S. Gurvinder Singh Bahra Chancellor, RBU	Chairman
2	Prof. (Dr.) Parvinder Singh, Vice-Chancellor, RBU	Member
3	(i) Mrs. Manjit Kaur Bahra H.No.202, Sector 21-A, Chandigarh. (ii) Ms. Sahila Bahra, H.No. 202, Sector 21-A, Chandigarh (iii) Dr. S.K. Mehta, Professor of Chemistry Panjab University, Chandigarh	Member Member Member
4	Mr. Divya Bahl, Director I.T. RBU, Sahauran (Mohali)	Member
5	Mr. Rajesh Gupta, H.No.1901, First Floor, Sector 22-B, Chandigarh	Member
6	Ex – officio	Member
7	Prof. K.K. Uppal, H.No. 408, Sector 37-A, Chandigarh.	Member
8	Prof. B.S. Satyal, Registrar, RBU	Member-Secretary

INSTITUTIONAL VALUES

The University strives towards providing an inclusive environment wherein all students feel nurtured academically and develop a sense of belongingness regardless of their background, identity, learning preferences or education. The teachers and students (from all over India) work together for promoting intercultural and cross-cultural understanding with an intersectional approach to exploring issues such as class, language, sexual orientation, gender, race and ethnicity.

Institution provides an inclusive environment for everyone with tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. Different sports and cultural activities organized inside the college promote harmony towards each other.

Commemorative days like Women's day, Yoga day, Cancer day, AIDS along with many regional festivals. This establishes positive interaction among people of different racial and cultural backgrounds. There are different grievance redressal cells in the institute like Student grievance redressal cell, Women grievance redressal cell which deal with grievances without considering anyone's racial or cultural background. Institute has code of ethics for students and a separate code of ethics for teachers and other employees which has to be followed by each one of them irrespective of their cultural, regional, linguistic, communal socioeconomic and other diversities.

PROGRAMMES OFFERED 2019-20

S.No.	Number of all Programmes offered by the institution during the last five years			
	SCHOOL	DEPARTMENT	COURSE	LEVEL
1	University School of Law	Law	LL.B.	UG
2			B.A.LL.B	UG
3			B.COM.LL.B	UG
4			L.L.M	PG
5			Ph.D.Law	Doctorate
6	University School of Pharmaceutical Sciences	Pharmacy	B. Pharm	UG
7			B. Pharm Practice	UG
8			M.Pharm.Pharmaceutics	PG
9			M.Pharm.Pharmacology	PG
10			Ph.D. Pharmaceutical Sciences	Doctorate
11	University School of Engineering	Computer Science Engineering	B.Tech. CSE	UG
12			B.Tech CSE (Android)	UG
13			B.Tech CSE (IOT Java)	UG

14	&Technology(USSET)		B.Tech CSE (I-nurture))	UG
15			M. Tech. CSE (Regular)	PG
16			M. Tech. CSE (Part Time)	PG
17			Ph.D. CSE	Doctorate
18		Electronics & Communication Engineering	B.Tech. Electronics & Communication Engineering	UG
19			M.Tech.Electronics & Communication Engineering	PG
20			M.Tech.Electronics & Communication Engineering(Part time)	PG
21			PG Diploma in Railway Signalling and Telecommunication	PGD
22			Ph.D.	Doctorate
23			Electrical Engineering	B.Tech. Electrical Engineering
24		M.Tech in Electrical Engineering(Regular)		PG
25		M.Tech in Electrical Engineering(Part time)		PG

26			Ph.D	Doctorate
27		Mechanical & Automobile Engineering	B. Tech.Mechanical Engineering	UG
28			B.Tech.Automobile Engineering	UG
29			M.Tech. Mechanical Engineering (Regular)	PG
30			M.Tech. Mechanical Engineering (Part Time)	PG
31			M.Tech. Production Engineering (Regular)	PG
32			Ph.D Mechanical Engineering	Doctorate
33			Civil Engineering	B. Tech.Civil Engineering
34		M. Tech Construction Technology & Management		PG
35		M. Tech Structural Engineering		PG
36		M. Tech Geotechnical Engineering		PG

37			M. Tech Highway & Transportation Engineering	PG
38	University School of Management Studies (USMS)	Management	BBA	UG
39			MBA (Marketing, Finance, Human Resource, Logistics and Supply Chain Management, Entrepreneurship and Family Business Management, IT)	PG
40			Ph.D Management Studies	Doctorate
41			Commerce	B.Com
42		B.Com (Hons.)		UG
43		M.Com		PG
44		Computer Applications	BCA	UG
45			MCA LEET)	PG
46			PGDCA	PG
47			B.Sc. IT	UG
48			M.Sc. IT	PG
49			Ph.D Computer Applications	Doctorate

50	University School of Medical and Allied Sciences (USMAS)	Medical & Allied Sciences	B.Sc. Medical Lab Technology	UG
51			B.Sc. Medical Microbiology	UG
52			Bachelor of Physiotherapy (B. P.T)	UG
53			B.Sc Radiology & Imaging Technology	UG
54			B.Sc Dialysis Technology	UG
55			B.Sc Operation Theatre & Anaesthesia Technology	UG
56			M.Sc Radiology & Imaging Technology	PG
57			M.Sc Dialysis Technology	PG
58			M.Sc.Histopathology	PG
59			M.Sc.Clinical Microbiology	PG
60			M.Sc Operation Theatre & Anaesthesia Technology	PG
61			University School of Education (USE)	Education
62	B.A./B.Sc.B.Ed.	UG		

63			PG Dip G&C	PG
64			M.Ed	PG
65			Ph.D Education	Doctorate
66			Bachelor of Arts(B.A.)	UG
67			Bachelor of Arts (B.A. Hons.) Psychology, English, Sociology,Economics	UG
68			Bachelor of Physical Education (B.P.E.)	UG
69	University		B.Voc.Fasion Technology	UG
70	School of Social Sciences (USSS)	Social Sciences	M A Economics	PG
71			M A Psychology	PG
72			M A English	PG
73			M A Sociology	PG
74			M A Political Science	PG
75			M A Punjabi	PG
76			Ph.D.	Doctorate
77	University School of	Agriculture Sciences	B.Sc.(Hons.) Agriculture	UG

	Agriculture Sciences(USAS)			
78	University School of Sciences (USS)	Mathematics	B.Sc (Hons.) Mathematics	UG
79			M.Sc. Mathematics	PG
80		Physics	B.Sc (Hons.) Physics	UG
81			B. Sc. Physical Sciences (Non-Medical)	UG
82			M.Sc.Physics	PG
83			M.Sc.Nuclear Medicine	PG
84			Ph. D.Physics	Doctorate
85		Chemistry	B.Sc (Hons.) Chemistry	UG
86			M.Sc. Chemistry	PG
87			M.Sc. Pharmaceutical Chemistry	PG
88			Ph. D.Chemistry	Doctorate
89		Life Sciences	B.Sc.Life Sciences	UG
90			M.Sc.Botany	PG
91			M.Sc.Environmental Sciences	PG

92			Ph. D. Botany	Doctorate
93			Ph. D. Environmental Science	Doctorate
94			Ph. D. Zoology	Doctorate
95	University School of Media Studies	Film Making, Journalism and Media Studies	B.Sc. Film Making	UG
96			BCA Game Software Development	UG
97			B.Sc. Photography	UG
98			B.Sc. Sound Engineering	UG
99			Bachelors in Hotel Mgmt. & Catering Technology (B.HMCT)	UG
100			Bachelor in Hotel Management (BHM)	UG
101			Masters in Hotel Mgmt. & Catering Technology (M.HMCT)	PG
102			MBA in Tourism and Hospitality Management	PG

PUBLICATIONS 2019-20

S.NO.	Name of the Faculty	Department	Title of the paper	Name of the Journal/ Book Published	Year	ISSN/ SBN No.	Link for papers
1	Amanbir singh, Er. Sonal Sood	USET	A paper review on OLED technology	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP014
2	Kaneez Fatima, Er Sonal sood	USET	Microgrid Development and Monitoring	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP017
3	Mr Mudassir Hussian, Er Sonal Sood	USET	Zeta Converterz	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP018
4	Anchal, Er. Sonal Sood	USET	Using Machine Learning for Intrusion Detection in Cyber Security	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP016
5	Er. Apneet Kaur, Er. Hem Priya, Er. Sonal Sood	USET	Progress and challenges of WDM optical networks using traffic management	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP071
6	Er.Navdeep kaur, Er.Anita Kumari, Er.Sukhmanpreet Singh	USET	Application of IOT in Agricultural Crop Monitoring -A study	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP003

7	Harnek Singh, Vivek Gupta	USET	The Lasing Alchemist: De-Commissioning of Traditional Surgical Treatment	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP004
8	Manish Yadav Dr. Neeru Bharadwaj	USET	Autonomous Cars: Era Of Revolutionary Self Driving Cars	IJRAR	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	http://www.ijrar.org/IJRAR1CJP069.pdf
9	Purna Kashyap, Er. Sonal Sood	USET	ELECTRICAL VEHICLE CHARGING: CHALLENGES	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP008
10	Sabia Asmat, Hem Priya	USET	A Look At Renewable Energy Sources And Energy Saving Technologies	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP011
11	Vivek Gupta	USET	Upgrade test bed for advanced semiconductor optical amplifier with different parameters	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP001
12	1st Anuradha Thounaojam, 2n Irtiza	USET	Overview of bottom ash used in road construction	IJRAR	2019	2348-1275	https://www.ijrar.org/papers/IJRAR1CJP038.pdf
13	3Shourabh sharma , 2Rohit Hans , 4Saurav Kumar Sudan , 1Hardik Chauhan	USET	Sustainable Construction Model to Reduce Waste in Construction Projects	IJRAR	2019	2348-1273	https://www.ijrar.org/papers/IJRAR1CJP0445.pdf

14	Aatif Mohi Ud Din, Er. Vivek Gupta	USET	Quasi- Z Source Inverter for Low Total Harmonic Distortion (THD)	IJRAR 2019	2019	ISSN 2349-5 138	http://ijrar.org/ viewfull.php? &p_id=IJRAR 1CJP006
15	Abhinav Thakur , Pooja Sharma , Er. Apneet Kaur	USET	THE IMPACT OF ARTIFICIAL INTELLIGENCE ON INNOVATION	Internation al Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/ papers/IJRAR 1CJP073.pdf
16	Aditya Kumar Singh , Er. Shilpa	USET	REVIEW PAPER ON DATA SECURITY TECHNIQUES	Internation al Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/ papers/IJRAR 1CJP021.pdf
17	Aditya Sharma ,Apneet Kaur ,Raman Kumar , Puneet Sapra	USET	A systematic review on learning of natural language processing with advance techniques	Internation al Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/ papers/IJRAR 1CJP060.pdf
18	Afnan Aslam , Ajay Vikram	USET	Rubcrete	IJRAR	2019	2348-1 269	https://www.ijr ar.org/papers/I JRAR1CJP035 .pdf
19	Ajay Vikram , Dipanshu Singh Rana , Manoj kumar	USET	A REVIEW ON ECO FRIENDLY CONCRETE	IJRAR	2019	2348-1 269	https://www.ijr ar.org/papers/I JRAR1CJP031 .pdf

20	Aman Sharma , Kiranpreet Kaur	USET	Cancer Liver Detection using Hybridized Fully Convolutional Neural Network based on DeepLearning Framework	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP018.pdf
21	Amanpreet Singh , Mohit Chamoli , Er.Shilpa	USET	Research paper on the Java Interactive Development Environment Programming Tool	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP07.pdf
22	Amit , Harish Kumar , Er. Apneet Kaur	USET	OUR SOCIETY IS BECOMING SUFFOCATED BY TECHNOLOGY	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP074.pdf
23	Anita Kumari, Sukhmanpreet Singh, Navdeep Kaur	USET	A Study on E-Surveillance to Prevent Illegal Acts Using IOT	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP005
24	Anu Thakur , Puja Thakur , Pooja Sharma	USET	Moving Object Detection Survey Utilizing Background Subtraction Methods: A Review	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2349-5138	www.ijrar.org/papers/IJRAR1CJP057.pdf
25	Arooba Rafiq , Irtiza Qayoom	USET	A LITERATURE REVIEW ON WIND ANALYSIS	IJRAR	2019	2348-1276	https://www.ijrar.org/papers/IJRAR1CJP039.pdf

			OF TALL BUILDINGS				
26	Arshdeep Singh , Indraan S. Toor , Er.Shilpa	USET	Advanced Search Matching Data Science Search	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP011.pdf
27	Ayush Dhiman , Er. Kiranpreet kaur	USET	Data Security And Privacy	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP017.pdf
28	AYUSH TYAGI ,Dr. Pooja Sharma	USET	Data Security	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP012.pdf
29	Dheeraj Kumar , Avneet kaur , Nisha , Er.Apneet Kaur	USET	Security Issues in Cloud Computing	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP09.pdf
30	Dipanshu singh rana , Manoj Kumar , Ajay Vikram	USET	A REVIEW ON POLYMER CONCRETE WITH QUARTZ	IJRAR	2019	2348-1 269	https://www.ijrar.org/papers/IJRAR1CJP031.pdf

31	Dr Pooja Sharma	USET	An optimal security mechanism to prevent multi-threat in MANET using Bee algorithm	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	2019	ISSN: 2278-3075, Volume -X, Issue-X	UGC/SCOPUS
32	Dr Ravi Kant	USET	Analysis of correlation using Fractional Fourier transform in images	Published in 2019 in international journal of applied engineering research	2019	ISSN: 0973-4562	ETASR PAPER FORMAT (ripublication.com)
33	Dr. Mandeep Sandhu	USET	Security Issues and the Energy Consumption in the Optical Burst Switched Networks	Published in June 2019 in "International Journal of Trend in Scientific Research and Development"	2019	ISBN: 978-1-64570-758-5	https://www.researchgate.net/publication/334123832_Security_Issues_and_the_Energy_Consumption_in_the_Optical_Burst_Switched_Networks
34	Dr. Mandeep Sandhu	USET	Study of PAPR reduction methods within OFDM system	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP013
35	Dr. Neeru	USET	N-Versions Program For Software Fault Mitigation method Using Mutation Testing- (Nvp: N-Version programming):	IJRAR	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	http://www.ijrar.org/IJRAR1CJP066.pdf
36	Dr. Neeru	USET	A Review Paper on Cloud Computing & Security Issue	IJCSMC	2019	ISSN: 2320-088X	https://ijesmc.com/docs/papers/May2019/V8I5201906.pdf

37	Dr. Neeru	USET	Efficient techniques for optimal testing	IJAEMA	2019	ISSN: 0886-9367	DOI:18.0002.IJAEMA.2019.V11I10.20830.1.3828
38	Dr. Neeru	USET	Optimal Strategy For Software Testing	ADALYA JOURNAL	2019	ISSN: 1301-2746	DOI:16.10089.AJ.2019.V8I10.285311.6457
39	Dr. Neeru	USET	Analysis of Energy Efficient Techniques of IoT	IJCSE	2019	e-ISSN : 0975-3397 Print ISSN : 2229-5631	https://doi.org/10.26438/ijcse/v7i5.321325
40	Dr. Puneet Sapra , Pooja Sharma , Aditya Sharma, Dr. Anurag Dixit	USET	Computer Vision Approach in Video Based Heart Rate Monitoring and Tracking for Future Biomedical Applications	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJAR1CJP02.pdf
41	Er Nisha, Dr pooja sharma	USET	A study on user behaviour for cyber security management-A Review	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP072 http://www.ijrar.org/papers/IJAR1CJP072.pdf
42	Er. Anita Kumari	USET	A Study on the Effect of Interference of MANET on WiMAX	ERA 2019	2019	ISBN 978-93-83437-62-7	https://www.era.edu.au/ERA+2019
43	Er. Apneet Kaur, Er. Hem Priya , Er. Sonal Sood	USET	Progress and Challenges of WDM Optical Networks using Traffic Management	International Journal of Research and Analytical	2019	ISSN 2348-1269	www.ijrar.org/papers/IJAR1CJP071.pdf

				Reviews (IJRAR)			
44	Er. Hem Priya, Er. Sonal Sood, Er. Apneet Kaur	USET	Python based Image Processing: Algorithms, Tools and Methods	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP010
45	Er. Kiranpreet Kaur	USET	Block chain-based consent management system GDPR and PDP complaint	UGC Care Journal	2019	ISSN no 224926661	https://ugccare.unipune.ac.in/Apps1/Content/Files/pdf/Sambodhi%202020-Cloned.pdf
46	Er. Kiranpreet Kaur	USET	Scrutiny of Breast Cancer Detection Techniques of Deep Learning and Machine Learning	International Journal of Recent and Engineering and Technology	2019	ISSN:2277-3878	10.35940/ijrte.B1034.0982S1019
47	Er. Kiranpreet Kaur	USET	Improved Methodology for Mammography Images Classification by Convolution and Pooling layers with SVM kernel base Classifier	Journal of Adv Research in Dynamical & control Systems	2019	1943-023X	http://doi.org/10.5373/JARDCS/V12SP4/20201478
48	Er. Kiranpreet Kaur, Er. Shilpa	USET	Scrutiny on Face Recognition using Artificial Neural Network Algorithms	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	https://www.ijrar.org/papers/IJRAR1CJP058

49	Er. Poonam Kukana , Dr. Neeru Bhardwaj , Dr. Anurag Dixit	USET	Review of Techniques used in Language Dialect Identification of Speech Signal	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP05.pdf
50	Er. Sonal Sood, Er. Apneet Kaur, Er. Hem Priya	USET	Sentiment Analysis on Reaction For A Facebook Post	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP009
51	Er. Sukhjinder Kaur1, Er. Poonam Kukana , Dr. Anurag Dixit	USET	LUNG CANCER DETECTION: A REVIEW	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP04.pdf
52	Er. Vasu Chhabra, Dalvinder singh	USET	Study On Discrete Materials And Techniques For Soil Stabilization	IJRAR	2019	2348-1269	https://ijrar.org/viewfull.php?&pid=IJRAR1CJP026.pdf
53	Er. Vasu Chhabra, Dipanshu Singh Rana	USET	ASSESSMENT OF DYNAMIC REACTION OF GROUND REACTION OF LUDHIANA CITY	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP028.pdf
55	Er.Kiranpreet kaur,Satjot kaur	USET	The classification and feature extraction techniques for plant disease detection	IJSER	2019	ISSN 2229-5518	http://www.ijser.org
56	Er.Kiranpreet kaur,Smriti Soni	USET	KNN classification for the face spoof detection	IJSER	2019	ISSN 2229-5518	http://www.ijser.org

57	Er.Poonam	USET	A Practical Approach of Ant Colony Optimization Based Detection of Image Boundaries Using Matlab Simulation	IJERCSE	2019	Vol 6, Issue 10, October 2019	https://www.technoarete.org/common_abstract/pdf/IJERCSE/v6/i10/Ext_60912.pdf
58	Er.Poonam	USET	A Practical Approach of Ant Colony Optimization Based Detection of Image Boundaries Using Matlab Simulation	IJERCSE	2019	Vol 6, Issue 10, October 2019	https://www.technoarete.org/common_abstract/pdf/IJERCSE/v6/i10/Ext_60912.pdf
59	Er.Shilpa	USET	ImmTORLig DB: repertoire of virtually screened small molecules against immune receptors to bolster host immunity	Scientific Reports	2019	Journal Volume 9, 3092 (2019)	(https://www.nature.com/articles/s41598-018-36179-5)
60	Er.Shilpa, Er. Kiranpreet Kaur	USET	Scrutinizing on the techniques of Image Segmentation in Digital Image Processing	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	https://www.ijrar.org/papers/IJRAR1CJP059
61	Faisal Bashir, Er. Ajay Vikram, Er. Vasu Chhabra, Lakshya kalotra	USET	EFFECTS OF LIME AND FLY ASH ON CATION EXCHANGE CAPACITY (CEC) AND UNCONFINED COMPRESSIVE STRENGTH (UCS) OF SOILS.	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP032.pdf

62	Gurjeet kaur, Er. Poonam Kukana , Dr. Anurag Dixit	USET	AN OVERVIEW OF WIRELESS NETWORKS: APPLICATIONS, USE CASES AND NEXT GENERATION TECHNIQUES	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP03.pdf
63	Gurleen Kaur, Shilpa	USET	Review on Design and Implement Multi Casting Approach For Path Establishment in Vehicular Ad-Hoc Network	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP020.pdf
64	Gurmehak Singh , Er. Apneet Kaur	USET	EFFECTS OF MOBILE PHONE WAVES ON HUMAN BODY	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP013.pdf
65	Gurpreet Kaur , Er. Apneet Kaur	USET	A Study on Big data	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP014.pdf
66	Hardik Chauhan , Amit Chandel	USET	Sustainable Stabilization Practices of Expansive Soil	IJRAR	2019	2348-1270	https://www.ijrar.org/papers/IJRAR1CJP042.pdf
67	Harleen Kaur Dhillon , Er. Apneet Kaur , Dr.	USET	Big Data Quality Issues and Assessment Models:A Review	International Journal of Research and	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP016.pdf

	Neeru Bhardwaj			Analytical Reviews (IJRAR)			
68	Harnek Singh	USET	De-Commissioning the Conventional surgery: The Lasing Alchemist	ERA 2019	2019	ISBN: 978-1-64570-758-5	https://www.era.edu.au/ERA+2019
69	IRTIZA QAYOOM , 2Kajal Kapil, 3SHUBHAM SHARMA	USET	ANALYSING THE VARIABLES OF DELAY IN ROAD PROJECTS	IJRAR	2019	2348-1274	https://www.ijrar.org/papers/IJRAR1CJP037.pdf
70	Kamakashi Jamwal, Anil Kumar	USET	High performance Concrete: Fundamentals and Application	IJRESM	2019	2581-5792	www.ijresm.com
71	Kamaljeet Singh 1 , Hardik Chauhan	USET	A Review on Utilization of Waste Materials in Soil Stabilization	IJRAR	2019	2348-1272	https://www.ijrar.org/papers/IJRAR1CJP044.pdf
72	Lovish Goel, Dr.Neeru	USET	Machine Learning Today's World	IJRAR	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	http://www.ijrar.org/IJRAR1CJP068.pdf
73	Misba Hamid , Ajay Vikram	USET	Green Building Concept	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP034.pdf
74	Moin Khan, Er. Sonal Sood	USET	A Review Paper on Green Internet of Things (G-IOT)	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP015
75	Mukesh Kumar, Poonam Kukana	USET	CYBER SECURITY IN MODERN DIGITAL ERA	International Journal of Research and	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP019.pdf

				Analytical Reviews (IJRAR)			
76	Narinder, Er. Sukhjinder Kaur	USET	Data Security	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	https://www.ijrar.org/papers/IJRAR1CJP070
77	Nikita, Dr. Neeru, Apneet Kaur	USET	Phishing : The Evil Eye	IJRAR	2019	E-ISSN 2348-1269, P-ISSN 2349-5138	http://www.ijrar.org/IJRAR1CJP067.pdf
78	Pawandeep Singh, Vasu Chhabra, Dheeraj kumar	USET	EFFICIENCY OF SEVERAL MATERIALS USED FOR SOIL STABILIZATION	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP030.pdf
79	Rahul Saini	USET	Interlocking Between Concrete Block	IJRESM	2019	2581-5792	www.ijresm.com
80	Ridhi Jindal, Dr. Sudesh Kumar Mittal, Dr. Pooja Sharma, Dr. Puneet Sapra	USET	Medical Application of Convolution Neural Network for Disease Detection: A Detailed Review	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP065.pdf
81	Sanjay Dubey, Poonam Kukana, Sukhjinder Kaur	USET	Retailer Selection using Decision Making Perspective	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP06.pdf

82	Sanyogita, Er. Sonal Sood	USET	CLOUD COMPUTING: A REVIEW	IJRAR 2019	2019	ISSN 2349-5 138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP007
83	Satish Kumar Sogi ,Dr.Sudesh Kumar Mittal,Dr. Pooja Sharma ,Dr. Puneet Sapra	USET	REVIEW ON ADVANCES IN INTERNET OF THINGS TECHNOLOGY	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP064.pdf
84	Satnam Singh , Poonam Kukana	USET	Artificial Intelligence	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP010.pdf
85	Sehrab Showkat .Er. Poonam Kukana	USET	A REVIEW PAPER ON ARTIFICIAL NEURAL NETWORK	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP08.pdf
86	Shashank Dhiman,Sur aj,Er.Apnee t Kaur	USET	A Study on the Cloud Computing	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP015.pdf
87	Shivam wallu	USET	Data Security	International Journal of Research and	2019	ISSN 2348-1 269	www.ijrar.org/papers/IJRAR1CJP075.pdf

				Analytical Reviews (IJRAR)			
88	Sonal Sood	USET	enhanced analysis of spread spectrum schemes in WMN network	ERA 2019	2019	ISBN 978-93-83437-62-7	https://www.era.edu.au/ERA+2019
89	Sukhmanpreet Singh, Navdeep Kaur, Anita Kumari	USET	IIR Filter design using evolutionary approach	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP002
90	Sumaiya Nabi, Hem Priya	USET	AUTO SELECTION OF ANY AVAILABLE PHASE IN THREE PHASE SUPPLY SYSTEM WITH BACKUP INVERTER	IJRAR 2019	2019	ISSN 2349-5138	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP012
91	SURAYA SHAMIM , AJAY VIKRAM , Manoj Kumar	USET	STUDY ON UTILISATION OF WASTE PLASTIC IN CONSTRUCTION OF ROADS	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP033.pdf
92	Tahira Zahoor , Irtiza Qayoom , Hardik Chauhan	USET	Feasibility Study Of Smart Buildings In Seismic Prone Areas	IJRAR	2019	2348-1271	https://www.ijrar.org/papers/IJRAR1CJP043.pdf
93	Uroosa Shafi1, Pooja Sharma, Puneet Sapra, Dr. Anurag Dixit	USET	A Review Paper in the Field of Machine Learning Techniques for Diabetes Analysis	International Journal of Research and Analytical Reviews (IJRAR)	2019	ISSN 2348-1269	www.ijrar.org/papers/IJRAR1CJP01.pdf

94	Vasu Chhabra, Felix Mungaila, Malumbo John Musonda	USET	STUDY OF EFFECT ON INDEX PROPERTIES USING COCONUT SHELL ASH IN SOIL	IJRAR	2019	2348-1269	https://www.ijrar.org/papers/IJRAR1CJP027.pdf
95	Sumedha Bhatia	USMAS (Physiotherapy)	Role of DNS (Dynamic Neuromuscular Exercises) on chronic neck pain: a hypothesis	International Journal of Research in Humanities, Arts and Literature (IMPACT: IJRHAL)	2019	2321-8878	
96	Dr. Amita Mahajan	USAS	Evaluation of Co-adsorption Parameters for Arsenic, Fluoride, and Nitrates using Copper Nanoparticles.	International Journal on Emerging Technologies	2019	ISSN No. (Print) : 0975-8364 ISSN No. (Online) : 2249-3255	https://www.researchgate.net/publication/335326345_Evaluation_of_Co-adsorption_Parameters_for_Arsenic_Fluoride_and_Nitrate_using_Copper_Nanoparticles
97	Ms. Jyoti Mangal	USL	Legalizing Euthanasia: A Comparative Analysis of International and National Perspectives	International Journal of Research in Social Sciences	2019	2249-2496	https://www.ijmra.us/project%20doc/2019/IJRSS_JANUARY2019/IJRSSJan19.pdf
98	Ms. Pinky Bangarh	USL	Real Estate Regulation Authority Act: Review and Analysis	Chintan Research International Refereed Journal	2019	2229-7227	http://www.chintanresearchjournal.com/archive.aspx

99	Ms.Pinky Bangarh	USL	Housing Policy: A Glance at Changing Scenerio in India	Chintan Research International Refereed Journal	2019	2229-7227	http://www.chintanresearchjournal.com/archive.aspx
100	Dr. Rashpal Singh	USL	Growth and Pattern of Net State Domestic Product: A Comparative Study of Punjab and Haryana	Think India (Quarterly Journal)	2019	0971-1260	https://www.researchgate.net/publication/349405789_THINK_INDIA_Quarterly_Journal_Growth_and_Pattern_of_Net_State_Domestic_Product_A_Comparative_Study_of_Punjab_and_Haryana
101	Ms Neha Khanna	USL	CLIMATE AND ENVIRONMENTAL CHANGEAN ANTHROPOGENIC INTERFERENCE	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	https://www.jetir.org/papers/JETIR1908575.pdf
102	Dr. Amita Mahajan	USAS	Study of relationship between the protein oxidation markers and adiopokines in obese Type-2 diabetes patients.	Asian Journal of Pharmacy Clin Research	2019	Online ISSN: 2455-3891 Print ISSN: 0974-2441	https://innovareacademics.in/journals/index.php/ajpcr/article/view/33280
103	Ms.Pinky Bangarh	USL	Housing Policy: A Glance at Changing Scenerio in India	Chintan Research International Refereed Journal	2019	2229-7227	http://www.chintanresearchjournal.com/archive.aspx

104	Dr. Rashpal Singh	USL	Growth and Pattern of Net State Domestic Product: A Comparative Study of Punjab and Haryana	Think India (Quarterly Journal)	2019	0971-1260	https://www.researchgate.net/publication/349405789_THINK_INDIA_Quarterly_Journal_Growth_and_Pattern_of_Net_State_Domestic_Product_A_Comparative_Study_of_Punjab_and_Haryana
105	Ms Neha Khanna	USL	CLIMATE AND ENVIRONMENTAL CHANGEAN ANTHROPOGENIC INTERFERENCE	Journal of Emerging Technologies and Innovative Research	2019	2349-5162	https://www.jetir.org/papers/JETIR1908575.pdf
106	Dr. Amita Mahajan	USAS	Study of relationship between the protein oxidation markers and adiopokines in obese Type-2 diabetes patients.	Asian Journal of Pharmacy Clin Research	2019	Online ISSN: 2455-3891 Print ISSN: 0974-2441	https://innovareacademics.in/journals/index.php/ajpcr/article/view/33280
107	Rupinder Singh	USET ME	Influence of graphene-enriched nanofluids and textured tool on machining behavior of Ti-6Al-4V alloy	The International Journal of Advanced Manufacturing Technology	2019	ISSN:1433-3015	https://doi.org/10.1007/s00170-019-04377-8
108	Rupinder Singh	USET ME	Performance evaluation of textured carbide tools under environment-friendly	Journal of the Brazilian Society of	2019	ISSN:1806-3691	https://doi.org/10.1007/s40430-019-1586-1

			y minimum quantity lubrication turning strategies.	Mechanical Sciences and Engineering			
109	Rupinder Singh	USET ME	Optimization of machining parameters under MQL turning of Ti-6Al-4V alloy with textured tool using multi-attribute decision-making methods.	World Journal of Engineering	2019	ISSN:1708-5284	https://doi.org/10.1108/WJE-06-2019-0170
110	Hitesh Vasudev	USET ME	High temperature oxidation and erosion behaviour of HVOF sprayed bi-layer Alloy-718/NiCrAlY coating.	Surface and Coatings Technology, Elsevier	2019	ISSN:0257-8972	https://doi.org/10.1016/j.surfcoat.2019.02.012
111	Harpreet Singh Randhawa	USET ME	Fem Analysis Of Flexible Riser With Carbon Fiber Composite Armour	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP019
112	Er.Dinesh Kumar, Shubham Parmar	USET ME	Nanofluids: A Futuristic Cooling Fluid In Vehicle Radiator	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP020
113	Navjot Singh	USET ME	Process Parameter Optimization Of Friction Stir Welding: Effect On Impact Strength	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP021

114	Raminder Singh	USET ME	Power Generation Through Speed Breakers: A Review	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP022
115	Shubham Parmar, Er.Dinesh Kumar	USET ME	A Review Study On Vat Polymerization, Stereolithography Processes In Additive Manufacturing	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP023
116	Manjeet Singh	USET ME	Interaction Amongst The Factors Of Knowledge Management Within Fertilizer Industries In India	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP024
117	Harpreet Singh Randhawa, Ravinder Garg	USET ME	Finite Element Analysis Of Composite Pressure Vessels	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP025
118	Wasim Nazir Wani, Navjot Singh	USET ME	Analysis Of Heat Transfer Through Fins Of Ic Engine	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP046
119	Aquib Shakeel, Navjot Singh	USET ME	Emergence Of Electric Vehicles And Battery Systems In The Automobile Industry	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP047

120	Ranti Dev Sharma	USET ME	Value Engineering And Value Analysis	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP048
121	Karan chawla	USET ME	Study And Analysis Of Tyre Anti Theft Systems In Automobile Vehicles	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP049
122	Ashish Kumar, Abhinav Tripathi	USET ME	Radiative Cooling:A Case Study	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP050
123	Gaurav Sankhian, Abhinav A Tripathi	USET ME	Technology Acceptance Model To Examine Electric Vehicle Adoption In India	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP051
124	Adjei Christopher	USET ME	The Cost Of Going Green In The Automobile Industry	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP052
125	Ankit Dogra	USET ME	A Case Study On Historical Evolution Of Royal Enfield	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP053

126	JUSTIN BANDA	USET ME	Case Study On Renewable And Sustainable Power Generation	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP054
127	TASADUQ HUSSAIN	USET ME	A Case Study On Wireless Communication	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP055
128	GURPRIT SINGH	USET ME	Nanotechnology: Science Of Nano-Particles	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP056
129	Abhinav Kaushal, Dinesh Kumar, Surya Pratap Singh, Vivek Sharma, Er. Shubham Kumar	USET ME	Experimental Investigation On Bonnet And Pitch Polishing Of Zerodur Mirror	International Journal of Research and Analytical Reviews	2019	E-ISSN 2348-1269	http://ijrar.org/viewfull.php?&p_id=IJRAR1CJP063
130	Dr Pooja Sharma	USET	Mitigation of Black Hole and Gray Hole Attack Using Swarm Inspired Algorithm With Artificial Neural Network	IEEE ACCESS	2020	2169-3536	10.1109/ACCESS.2020.3004692
131	Dr. Neeru	USET	Recent dialect identification techniques for	IJRECE	2020	ISSN No 2348-2	https://ieeexplore.ieee.org/do

			Automated System review			281 2393-9 028	cument/92152 98
132	Er. Kiranpreet Kaur	USET	Classification of Mammography Image with CNN-RNN based semantic features and extra tree classifier approach using LSTM	ELSEVIER	2020	2214-7 853	https://doi.org/ 10.1016/j.matp r.2020.09.619
133	Er.Poonam	USET	A Hybrid Machine Learning Model for Emotion Recognition From Speech Signals	IEEE Xplore	2020	ISBN: 978-1- 7281-5 461-9	A Hybrid Machine Learning Model for Emotion Recognition From Speech Signals IEEE Conference Publication IEEE Xplore
134	Er.Poonam	USET	Hybrid Machine Learning Algorithm-Based Paddy Leave Disease Detection System	IEEE Xplore	2020	ISBN: 978-1- 7281-5 461-9	Hybrid Machine Learning Algorithm-Based Paddy Leave Disease Detection System IEEE Conference Publication IEEE Xplore
135	Er.Poonam	USET	Recent Dialect Identification Techniques For Automated Systems: Review	IJRECE	2020	VOL. 8 ISSUE 3, ISSN: 2348-2 281	Recent Dialect Identification Techniques For Automated Systems: Review IEEE Conference

							Publication IEEE Xplore
136	Parminder Kaur ,Er.Apneet kaur	USET	Network Efficiency Based On Demand Distance Vector routing protocol in WMN by GBCOA	Proceedings of the International Conference on Smart Electronics and Communication (ICOSEC 2020)IEEE Xplore Part Number: CFP20V90-ART	2020	ISBN: 978-1-7281-5461-9	https://ieeexplore.ieee.org/abstract/document/9215396
137	Er. Apneet kaur, gurinder pal singh	USET	Convolution neural network for brain tumor detection	Sambodhi journal Vol 43 issued sept 2020 UGC care approved	2020	2249-6661	https://www.researchgate.net/publication/352569480_Convolution_Neural_Network_for_Brain_Tumor_Detection
138	Ridhi Jindal	USET	A Novel Approach of Software Modules Reusability with Aging Classification by Object- Oriented Metrics with Deep Learning using Random Forest Approach	Journal of Advanced Research in Dynamical and Control Systems	2020	ISSN: 1943-023X	https://www.jardcs.org/abstract.php?id=5020
139	Ridhi Jindal	USET	Software Reusability Metrics Estimation for Improving Stability by Clustering base	Materials Today: Proceedings	2020	ISSN 2214-7853 (Online)	https://www.sciencedirect.com/science/article/pii/S2214785320373405

			Convolution Neural network				
140	Shubham Gupta	USET	Implementation of Ensemble Classifier for Plant Disease Detection	International Research Journal of Engineering and Technology (IRJET)	2020	e-ISSN : 2395-0056	https://www.irjet.net/archives/V7/i9/IRJET-V7I9596.pdf
141	Satish Kumar Sogi	USET	A TIME SERIES FORECASTING MODEL FOR EQUIPMENT FAILURE PREDICTION USING IOT SENSOR DATA	Advances in Mathematics: Scientific Journal	2020	ISSN:1857-8365 (printed version)1857-8438 (electronic version)	https://research-publication.com/wp-content/uploads/2020/vol-9-n7/AMSJ-2020-N7-21.pdf
142	Arvind Sharma	USET	Cryptographic keyed hash function: Parasu-256	Journal of Computational and theoretical Nanoscience (JCTN)	2020	1546-1955	https://www.ingentaconnect.com/content/asp/jctn/2020/0000017/0000011/art00045;jsessionid=bkaegbbpk8ph9.x-ic-live-02
143	Arvind Sharma	USET	Cryptographic Merkle-Damgard Hash Construction : MD5 vulnerabilities	Journal of Computational and theoretical Nanoscience(JCTN)	2020	1546-1955	https://www.ingentaconnect.com/content/asp/jctn/2020/0000017/0000006/art00004;jsessionid=wq9s3dbjlgp7.x-ic-live-03
144	Tahira Zahoor,	USET	A Study on Green Concrete	IJRESM	2020	2581-5792	journals.resaim.com/ijresm

	Sunil Priyadarshi, Avtar Singh						
145	Gurkeerat Singh	USET	Hair as a Fiber Reinforcement Concrete	IJRESM	2020	2581-5792	journals.resaim.com/ijresm
146	Amit Chandel, Sunil Priyadarshi, Avtar Singh	USET	Floating Concrete	IJRESM	2020	2581-5792	journals.resaim.com/ijresm
147	Dr. Mandeep Sandhu	USET	Various Networks used for ECG Signals, Heart Beats and ECG Feature's Classification	International Journal of Engineering and Advanced Technology (IJEAT) – Published in Feb 2020	2020	2393-9028	https://www.ijeat.org/wp-content/uploads/papers/v9i3/C6234029320.pdf
148	Dr. Mandeep Sandhu	USET	A Review over Existing Handover Decision Systems for Drones in Wireless Network"	Published in International Journal – "International Journal of Scientific & Technology Research" in March 2020	2020	0971-7218	http://www.ijstr.org/final-print/mar2020/A-Review-Over-Existing-Handover-Decision-Systems-For-Drones-In-Wireless-Network.pdf

149	Dr. Mandeep Sandhu	USET	A Review Of WDM Based Free Space Optical Systems For Different Weather Conditions	Published in "International Journal of Scientific and Technology Research" in March 2020	2020	ISBN: 978-1-64570-758-5	http://www.ijstr.org/final-print/mar2020/A-Review-Of-Wdm-Based-Free-Space-Optical-Systems-For-Different-Weather-Conditions.pdf
150	Dr. Kavita Aggarwal	Commerce	Work Life Balance- A Study among Private Sector Bank Employees in Mohali (Punjab)	Paideuma Journal.	2020	0090-5674	https://paideumajournal.com/gallery/4-feb.pdf
151	Dr. Kavita Aggarwal	Commerce	A study on Consumers' Buying Behaviour towards Organic Food Products in Panchkula	International Journal of Advanced Science and Technology. (scopus)	2020	6649-6657	http://sersc.org/journals/index.php/IJAST/article/view/23514/12180
152	Cdr (Dr) Avikshit	USMS	An Empirical Analysis of Human Resource Benchmarking in Selected MSMEs: With Special Reference to Heavy Engineering Industry in Western India	Solid State Technology	2020	0038-111X	http://solidstate technology.us/index.php/JSS T/article/view/6849
153	Cdr (Dr) Avikshit	USMS	A Critical Performance Evaluation of Design engineers in work from home model during lockdown	Elementary Education Online	2020	1305-3515	http://ilkogretim-online.org

154	Dr.Simarpreet Kaur	USMS	Work Life Balance- A Study among Private Sector Bank Employees in Mohali (Punjab)	Paideuma Journal.	2020	0090-5 674	https://paideumajournal.com/gallery/4-feb.pdf
155	Dr.Simarpreet Kaur	USMS	Influence of work life balance on occupational stress among the selected nationalized banks in Amritsar (Punjab)	Journal of the Social Sciences	2020	0253-1 097	https://www.researchgate.net/publication/358825246_Influence_of_work_life_balance_on_occupational_stress_among_the_selected_nationalized_banks_in_Amritsar_Punjab
156	Ms.Meetika Sharma	USMS	A study on prformance appraisal system in Emerson Information technology solution in Mohali(Pb)	Journal of the Social Sciences	2020	0253-1 097	https://www.researchgate.net/publication/358816422_A_study_on_prformance_appraisal_system_in_Emerson_Information_technology_solution_in_MohaliPb
157	Ms.Meetika Sharma	USMS	A study on performance appraisal system in selected IT companies in Mohali (PB)	Journal of the Social Sciences	2020	0253-1 098	https://www.academia.edu/s/756f277a22
158	Ms.Meetika Sharma	USMS	System Followed in		2020		https://www.researchgate.net/publication/358827814_A_Study_on_Performances_Appraisal_System_F

							ollowed_in_Ti ara_Health_Bl ock_in_Kangr a_HP
159	Ms. Aishwarya Jagga	USL	Artificial Intelligence In Healthcare- A Boon Or Bane	Army Institute Of Law Journal	2020	0975-8 208	https://www.aill.ac.in/pdf/journal_2021.pdf
160	Ms.Pinky Bangarh	USL	Rights of Disabled Persons: A Humanistic Approach	LegalFoxe s Law Times	2020	2582-6 034	https://www.foxeslawjournal.com/_files/ugd/43c023_2fc1a270188947efa028823ecb6e0374.pdf
161	Ms Aishwarya Jagga	USL	Artificial Intelligence In Healthcare- A Boon or Bane	ARMY INSTITUT E OF LAW JOURNA L	2020	0975-8 208	https://www.aill.ac.in/pdf/journal_2021.pdf
162	Ms Navpreet Singh	USL	Competition Law Issues in a Digital Market	Corpus Juris	2020	2582-2 918	https://corpusjuris.co.in/publications
163	Dr. Mandeep Sharma et al	USPS	Holistic development of coal tar lotion by embedding design of experiment technique: preclinical investigations.	Expert Opinion on Drug Delivery	2020	ISSN no.: Online: 1744-7 593; Print: 1742-5 247	UGC Care list II https://ugccare.unipune.ac.in/apps1/home/index
164	Suheta Tikoo et al	USPS	Health Care Revolution: Ayushman Bharat	Internation al Journal of Drug Regulatory Affairs	2020	2321-6 794	http://ijdra.com/index.php/journal
165	Suheta Tikoo et al	USPS	Global scenario of Medical Device vigilance system	Internation al Journal of Drug	2020	2321-6 794	http://ijdra.com/index.php/journal/article/view/381

				Regulatory Affairs			
166	Gurfateh Singh	USPS	Pharmacognostical Evaluation of Sesbania Procumbens	<i>Asian Journal of Research in Pharmaceutical Sciences and Biotechnology</i>	2020	2349-7114	http://www.ajrpsb.com/
167	Manpreet k Walia et al	USPS	COVID19-An Overview on Epidemiology, Symptoms, Prevention, Management, Treatment and Role of Health Vol 12, Issue 5, 2020	International Journal of Applied Pharmaceutics	2020	ISSN-0975-7058	https://innovareacademics.in/journals/index.php/ijap/article/view/38411/23527
168	Mr.Suraj Sharma	USPS	Cardiovascular System	Paging Publishers, Delhi	2020		https://india.worldplaces.me/review/108788180-paging-publishers.ht
169	Rajni Garg	Chemistry	Nanoparticles for Agriculture and Food Diagnostics	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://sci-hub.se/10.17179/excli2020-2842
170	Rajni Garg	Chemistry	Nanotechnology for Preventing Postharvest Losses of Agriproducts	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://sci-hub.se/https://doi.org/10.1016/j.matpr.2020.06.482
171	Rajni Garg	Chemistry	Synthesis of Value-Added Nanomaterials from Agricultural Wastes	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://sci-hub.se/10.1016/j.matpr.2020.06.168

172	Suman Lata	Chemistry	Nanoparticles for Agriculture and Food Diagnostics	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://sci-hub.se/https://doi.org/10.1016/j.matpr.2020.06.167
173	Suman Lata	Chemistry	Nanoparticles for Agriculture and Food Diagnostics	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	Sci-Hub Effect of Silica Fume & Steel Slag on Nano-silica based High-Performance Concrete. IOP Conference Series: Materials Science and Engineering, 961, 012012 10.1088/1757-899X/961/1/012012
174	Sweta Bhardwaj	Chemistry	Nanoparticles for Agriculture and Food Diagnostics	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://iopscience.iop.org/article/10.1088/1757-899X/961/1/012008/pdf
175	Sweta Bhardwaj	Chemistry	Nanoparticles for Agriculture and Food Diagnostics	Nova Publishers USA., 2020	2020	Nova Publishers USA., 2020	https://sci-hub.se/10.1088/1757-899x/961/1/012002
176	Dr. Mehar Singh Manick	USSS	From Surrender to Struggle: A Historian Agrarian Uprising	Journal of Community Guidance and Research (Forthcoming edition)	2020	0970-1846	https://sci-hub.se/10.1088/1757-899x/961/1/012007

177	Gurfateh Singh	USPS	Pharmacognostical Evaluation of Sesbania Procumbens	Journal	2020	2349-7114	https://sci-hub.se/10.1088/1757-899x/961/1/012010
178	Gurfateh Singh	USPS	Recent advancements in ropinirole hydrochloride embedded nano-techniques in Parkinson's treatment	Journal	2020	2249-8176	https://www.researchgate.net/journal/Panacea-Journal-of-Medical-Sciences-2249-8176
179	Dr. Mehar Singh Manick	USSS	Jung Te Awam (Punjabi Poem)	Journal	2020	ISSN: 2277-9930	https://www.magzter.com/IN/Pratimaan-Publication--Punjabi/Business/
180	Dr. C.P.Gandhi	Mathematics	Adaptive sensitive frequency band selection for VMD to identify defective components of an axial piston.	Chinese Journal of Aeronautics.	2020	1000-9361	https://doi.org/10.1016/j.cja.2020.12.037
181	Dr. C.P.Gandhi	Mathematics	Improved CNN for the diagnosis of engine defects of 2-wheeler vehicles using wavelet synchro-squeezed (WSST).	Knowledge Based Systems.	2020	0950-7051	https://doi.org/10.1016/j.knsys.2020.106453
182	Dr. C.P.Gandhi	Mathematics	Improved deep convolution neural network (CNN) for the identification of defects in the centrifugal pump using acoustic images.	Applied Acoustics.	2020	0003-682X	https://doi.org/10.1016/j.apacoust.2020.107399
183	Dr. C.P.Gandhi	Mathematics	Bearing defect size assessment using wavelet transform based deep	Alexandria Engineering Journal.	2020	1110-0168	https://doi.org/10.1016/j.aej.2020.03.034

			convolution neural network (DCNN).				
184	Dr. C.P.Gandhi	Mathematics	Latest development in gear defect diagnosis and prognosis: A review.	Measurement.	2020	0263-2241	https://doi.org/10.1016/j.measurement.2020.107735
185	Dr. C.P.Gandhi	Mathematics	A novel health indicator developed using filter-based feature selection algorithm for the identification of rotor defect.	Journal of Risk and Reliability Institution of Mechanical Engineers	2020	1748-006X	https://doi.org/10.1177/1748006X20916953
186	Dr. C.P.Gandhi	Mathematics	Variational mode decomposition and a novel SVNS measure for the diagnosis of bearing defect in centrifugal pump.	Applied Acoustics.	2020	0003-682X	https://doi.org/10.1016/j.apacoust.2020.107294
187	Rajni Garg	USS Chemistry	Performance evaluation of polypropylene fiber waste reinforced concrete in presence of silica fume	Materials Today: Proceedings	2020	2214-7853	https://sci-hub.se/https://doi.org/10.1016/j.matpr.2020.06.482
188	Rajni Garg	USS Chemistry	Effect of zinc oxide nanoparticles on mechanical properties of silica fume-based cement composites	Materials Today: Proceedings	2020	2214-7853	https://sci-hub.se/10.1016/j.matpr.2020.06.168
189	Rajni Garg	USS Chemistry	Experimental study on strength and microstructure of mortar in presence of micro and nano-silica	Materials Today: Proceedings	2020	2214-7853	https://sci-hub.se/https://doi.org/10.1016/j.matpr.2020.06.167

190	Rajni Garg	USS Chemistry	Effect of Silica Fume & Steel Slag on Nano-silica based High-Performance Concrete	IOP Conference Series: Materials Science and Engineering	2020	1757-8981	Sci-Hub Effect of Silica Fume & Steel Slag on Nano-silica based High-Performance Concrete. IOP Conference Series: Materials Science and Engineering, 961, 012012 10.1088/1757-899X/961/1/012012
191	Rajni Garg	USS Chemistry	Investigation on Mechanical Strength of Cellular Concrete in Presence of Silica Fume	IOP Conference Series: Materials Science and Engineering	2020	1757-8982	https://iopscience.iop.org/article/10.1088/1757-899X/961/1/012008/pdf
192	Rajni Garg	USS Chemistry	Experimental investigation on the strength of chipped rubber-based concrete	IOP Conference Series: Materials Science and Engineering	2020	1757-8983	https://sci-hub.se/10.1088/1757-899x/961/1/012002
193	Rajni Garg	USS Chemistry	Effect of Microsilica on Strength and Microstructure of the GGBS-based Cement composites	IOP Conference Series: Materials Science and Engineering	2020	1757-8984	https://sci-hub.se/10.1088/1757-899x/961/1/012007

194	Rajni Garg	USS Chemistry	Performance analysis of Papercrete in presence of Rice husk ash and Fly ash,	IOP Conference Series: Materials Science and Engineering	2020	1757-8985	https://sci-hub.se/10.1088/1757-899x/961/1/012010
195	Rajni Garg	USS Chemistry	A review on biogenic synthesis, applications and toxicity aspects of zinc oxide nanoparticles	EXCLI Journal Vol. 19 (2020)	2020	1611-2156	https://sci-hub.se/10.17179/excli2020-2842
196	Ms.Pinky Bangarh	USL	Rights of Disabled Persons: A Humanistic Approach	LegalFoxes Law Times	2020	2582-6034	https://www.foxeslawjournal.com/_files/ugd/43c023_2fc1a270188947efa028823ecb6e0374.pdf
197	Ms Aishwarya Jagga	USL	Artificial Intelligence In Healthcare- A Boon or Bane	ARMY INSTITUTE OF LAW JOURNAL	2020	0975-8208	https://www.aill.ac.in/pdf/journal_2021.pdf
198	Ms Navpreet Singh	USL	Competition Law Issues in a Digital Market	Corpus Juris	2020	2582-2918	https://corpusjuris.co.in/publications
199	Dr. Amita Mahajan	USAS	Studies on status of oxidative stress related molecules and enzymes in obese with and without diabetes in the northern region of India.	Research journal Pharm. and Tech	2020	ISSN No. (Print): 0974-3618 ISSN No. (Online): 0974-360X	https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=2&article=055&type=pdf

200	Ms.Pinky Bangarh	USL	Rights of Disabled Persons: A Humanistic Approach	LegalFoxes Law Times	2020	2582-6034	https://www.foxeslawjournal.com/_files/ugd/43c023_2fc1a270188947efa028823ecb6e0374.pdf
201	Ms Aishwarya Jagga	USL	Artificial Intelligence In Healthcare- A Boon or Bane	ARMY INSTITUTE OF LAW JOURNAL	2020	0975-8208	https://www.aill.ac.in/pdf/journal_2021.pdf
202	Ms Navpreet Singh	USL	Competition Law Issues in a Digital Market	Corpus Juris	2020	2582-2918	https://corpusjuris.co.in/publications
203	Dr. Amita Mahajan	USAS	Studies on status of oxidative stress related molecules and enzymes in obese with and without diabetes in the northern region of India.	Research journal Pharm. and Tech	2020	ISSN No. (Print): 0974-3618 ISSN No. (Online): 0974-360X	https://www.indianjournals.com/ijor.aspx?target=ijor:rjpt&volume=13&issue=2&article=055&type=pdf

Students enrolled for PhD program in 2019-20

S.No	Name of Research fellow	Year of enrolment
1.	Raminder kaur	2019
2.	Harmanpreet Kaur	2019
3.	Neha Jamwal	2019
4.	Gouri	2019
5.	Ramica Sharma	2019
6.	Dalbir kaur	2020
7.	Renu Sharma	2020
8.	Satwant Kaur	2020
9.	Mandeep Kaur	2020
10.	Shaafi UL Shafeeq	2020
11.	Sonica Rathore	2020
12.	MONICA DEVI	2020
13.	Uzma Roheen	2020
14.	SAHILA BAHRA	2020
15.	Shivani Gupta	2020
16.	VARUN MEHRA	2020
17.	RAJDEEP KAUR	2020
18.	SHUAIB MUNEER	2020
19	Priyanka	2020
20	SABAHAT SADIQ LONE	2020

21	SALONI KONDAL	2020
22	RAVEENA THAKUR	2020
23	SHWETA SHARMA	2020
24	SURTI PAL Sharma	2020
25	SAMREEN TABBADUN Mir	2020
26	MOHD AKRAM	2020
27	SHUBHAM GUPTA	2020
28	UROOSA SHAFI	2020
29	SWAPANPREET KAUR	2020
30	Himanshu kumar	2020
31	RUMA BHATTACHARJEE	2020
32	LAKVINDER KAUR	2020

MOU'S SIGNED 2019-20

S No.	Organization with which MoU is signed	Name of the institution/ industry/ corporate house	Year of signing MoU	Duration	List the actual activities under each MOU year wise	Number of students/ teachers participated under MoUs
1	Inflibnet Centre	Rayat Bahra University	2019	Every year	Thesis uploading	45
2	Seamless Education & Services Pvt. Ltd (Seamedu)	Rayat Bahra University	2019	5	1) Training programs and career opportunities	48
3	Studravel	Rayat Bahra University	2019	1	1) Providing training and placements to students of RBU 2) PG programs (MBA) at the campus for interested students	75
4	Ural Federal University Russia	All Streams (Short term program)	2020	4	1) Training programs and career opportunities	75
5	Pax Edutainment INDIA	All Streams (Internships)	2020	5	1) Providing training and placements to students of RBU 2) PG programs (MBA) at the campus for interested students	10
6	Red Cross Society	ALL University	2020	3	1) Blood donation campaign 2) Nukkad Natak (awareness)	30
7	EduBrain Overseas INDIA	All Streams (Internships)	2020	3	1) Training provided to students of RBU at HMCT	15
8	Sunstone	MBA	2020	3	1) Providing training and placements to students of RBU 2) PG programs (MBA) at the campus for interested students	25

9	Global Reach INDIA	All Streams (For PG program)	2020	3	1) Training programs and career opportunities	10
10	IEST Federation	Incubation Center	2020	1	1) Providing training and placements to students of RBU 2) PG programs (MBA) at the campus for interested students	5

Rajasthali University signed an MoU with the University of Northampton, UK to facilitate students for higher education and research in the various fields like Engineering, Law, Health Sciences etc.

Rajasthali Group signed an MoU with Cardiff Metropolitan University, UK for academic collaboration. The MoU was signed in the presence of Honble S. Hemal Singh Rajasthali, President, Rajasthali Group of Institutions.

Rajasthali Group signed an academic collaboration agreement with Quality Standards and Assessment International (QSAI), UK. The agreement will help the group maintain its high academic and teaching standards.

RBU has signed an MoU with Deakin University, Australia to facilitate education and research between the member institutions.

Rajasthali signed MoU with Doublea Technology Institute.

Rajasthali Roper Campus has joined hands with Google India on 7th April 2017 and launched the Google developer Courses and Google Labs in Ahmed.

Rajasthali Roper Campus has signed a Memorandum of Understanding (MOU) with Singapore Industry Software Skills Pvt. Ltd. in Mechanical Engineering Design & development as part of effort to increase academia-industry interface.

Rajasthali Roper Campus has signed a Memorandum of Understanding (MOU) with Red Cross Society. Mr. Animesh Raj Khanna, Manjit Vair Chairman, Indian Red Cross Society, inaugurated the Center for Red Cross Nucleus set up at Rajasthali University on 10th November, 2017.

WORKSHOPS CONDUCTED 2019-20

S No.	Year	Name of the workshop/ seminar/Expert Lecture	Number of Particip ants	Date From – To	Link to the Activity report on the website	Date of establishm ent of IPR cell
1	2019	Cyber security and opportunities for overseas studie s(Expert lecture)	34	9th Jan,2019	USET-CSE	NA
2	2019	Unleash your potential (Expert lecture)	15	22nd Jan2019	USET-CSE	NA
3	2019-2020	Workshop on cloud Computing (AWS)	28	January28th -30th , 2019 (3 days)	USMS,Dept . of CA	
4	2019-2020	Workshop on cloud Computing (AWS)	70	January28th -30th , 2019 (3 days)	USMS,Dept . of CA	NA
5	2019-2020	Seminar on Recent research area for youth scientist	85	31-01-2020	USPS,RBU	NA
6	2019-2020	Seminar on Recent approaches and preventive measures for Diabetes, Hypertension associated kidney dysfunction in this Era	90	28-02-2020	USPS,RBU	NA
7	2019	Expert Lecture Cum Workshop	34	12.03.19	USET-CE	NA
8	2019	19th CTE Annual state Conference 2019 And National Seminar	22	23rd April 2019	USPS,RBU	NA
9	2019	National Seminar on Contemporary issues on education	110	23.04.2019	USE	NA
10	2019	IPR and its importance (Expert lecture)	15	30th April2019	USET-CSE	NA
11	2019	Machine learning with Python (Expert lecture)	23	30th April2019	USET-CSE	NA

12	2019	Industrial Visit to Bhakra Nangal Dam	42	01.05.19	Field	NA
13	2019	Work Shop on PLC By Wonder Automation	32	8/16/2019	USET ECE	
14	2019	Circuit Design Event and Quiz	36	9/19/2019	USET ECE	
15	2019	Scientific visit and Lecture by Dr. Vandana Shiva and Dr. N. G. Prasad on Foundation Day at IISER Mohali	34	Sept 09, 2019	USPS,RBU	NA
16	2019-2020	Seminar on Fundamental aspects of interactions of small molecular ligands with proteins using both experimental and computational techniques	350	21-08- 2019	USPS,RBU	NA
17	2019-2020	Seminar on Scope of Pharmacy in future/ Entrepreneurship	350	21-08- 2019	USPS,RBU	NA
18	2019-2020	Seminar on Various Novel Neurological Complications and its Recent molecular targets	30	27- 08- 2019	USPS,RBU	NA
19	2019-2020	National Seminar on Safe and Effective Use of Medicines for all	400	25- 09- 2019	USPS,RBU	NA
20	2019	Work Shop on PLC By Wonder Automation	32	August 16, 2019	USET ECE	NA
21	2019-2020	Workshop on Big data and hadoop	35	September 03,2019	USMS,Dept . of CA	NA
22	2019-2020	Workshop on cloud Computing	37	September 30,2019	USMS,Dept . of CA	NA
23	2019	Circuit Design Event and Quiz	36	September 19, 2019	USET ECE	NA
24	2019	Nobel Prize series and Nobel Laureates meet with Dr. Serge Haroche (Nobel Prize in Physics 2012), Dr. Kailash Satyarthi (Nobel Peace	32	Nov. 11, 2019	Physics	NA

		Prize 2014) and Dr. Juleen Zierath (Member of the Royal Swedish Academy of Sciences and the Nobel Assembly) at Nabhi Mohali				
25	2019	National Symposium Organized on Recent Tends in Science & Technology	35	15.11.2019	Offline at RBU	NA
26	2019	National Symposium on Recent Trends in Science and Technology: Clean and green Approaches-RTST-2019	37	Nov. 15, 2019	USS	NA
27	2019	Expert talk on “Biochemistry of Proteins” by Dr Vishal Sharma, from the at the Postgraduate Institute of Medical Education and Research (PGIMER), Chandigarh	36	Dec 13, 2019	USS	NA
28	2019	Industrial visit CS Soft Solutions	32	February 27, 2019	CA	NA
29	2019	Industrial visit CS Soft Solutions	35	February 28, 2019	CA	NA
30	2019	Industrial visit CS Soft Solutions	37	March 5, 2019	CA	NA
31	2019	Industrial visit CS Soft Solutions	36	January 20, 2019	CA	NA
32	2019	IAMBSSCON- 2019 1st National Conference of IAMBSSSeminar and Faculty Development Program	32	October 19, 2019	USPS,RBU	NA

COMMUNITY SERVICES 2019-20

Name of the activity	Organising unit/ agency/ collaborating agency	Name of the scheme	Year of the activity	Number of students participated in such activities
International Women's Day- Nukkard Natak	NSS unit of University School of Management Studies, Rayat-Bahra University, Mohali	NSS	2019	10
UN International Day for National Disaster Reduction- Poster Making and Slogan Writing Competition	NSS Unit in association with Department of Commerce, USMS, Rayat-Bahra University, Mohali	NSS	2019	15
Social Higher Education and Basic Health Care	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	15
Importance of Teachers in Life	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	10
Independence day Celebration	NSS unit of University School of	NSS	2019	45

	Pharmacy and Agriculture, Rayat-Bahra University, Mohali			
Papillon 2k19 Competition	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	12
Pharma Awareness Rally on safe and Effective Medicine for all under the banner of NSS at Sahauran and Padijala	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	5
Pharma Aware rally in association with red ribbon club, AIDS Awareness rally Padijala /Sahauran	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	10
Green Diwali and Stop Crackers Awareness	NSS Unit Rayat Bahra University	NSS	2019	10
AIDS: Causes and Prevention Awareness Seminar	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	10

Poster Presentation and Declamation Competetion	NSS unit of University School of Pharmacy and Agriculture, Rayat-Bahra University, Mohali	NSS	2019	5
Free Dental Check Up Camp at PGCCBA, SECTOR-50, Chandigarh, by Rayat Bahra University	Community Services by Rayat Bahra University	Community Services	2019	8
Blood donation camp	Community Services by Rayat Bahra University	Community Services	2019	5



Dental checkups in mobile Dental Van



Blood Donation Camp

ANNUAL GENDER ACTION PLAN FOR 2019-20

S No.	Academic Year	Name of the Event	Date of Event	No. of Participants
1	2019-2020	Guest lecture on Various Research Grants in India and Abroad specially for girls	17th July,2019	150
2	2019-2020	'Menstrual Cycle-Personal Hygiene'	14th August,2019	250
3	2019-2020	'CERVICAL CANCER'	25th September,2019	150
4	2019-2020	'GENDER SENSITIZATION & GENDER EQUALITY'	27th November,2019	40

RESEARCH LABS

S.No	Room No.	Name of Research Lab
1	221	Research Lab Computer Engineering
2	123	Research Lab Civil Engineering
3	226	Research and Project Laboratory Mechanical Engineering
4	314	Research and Project Laboratory Electronics and communication Engineering.
5	203	Research Lab USMS
6	102	Research Lab Pharmaceutics
7	107	Research Lab Pharmacology
8	309	Research Lab USS

CLUBS

Rayat Bahra University			
S.No	Name of School	Name of Department	Name of cultural activity club
1	USAS	Agriculture	Music club
2	USAS	Agriculture	Dramatics
3	USAS	Agriculture	Dance club
4	USAS	Agriculture	Debate declamation
5	USAS	Agriculture	Creative writing
6	USAS	Agriculture	Painting and fine arts
7	USAS	Agriculture	Photography / Videography
8	USAS	Agriculture	Sports club
9	USE	USE	Litrary club
10	USE	USE	Fine art club
11	USE	USE	Sports club
12	USE	USE	Lok rang club
13	USET	CSE	Kaizan club
14	USET	CIVIL	Construct
15	USET	ECE/EE	Electrobuzz club
16	USET	Mechanical engineering	Technovator- technology through artistic talent
17	USL	USL	Lawyeristan- legal activity
18	USL	USL	Panjabi singh sabha- panjabi culture

19	USL	USL	History explorer society - historical events
20	USL	USL	Commercialeons- accounts, management, economics
21	USL	USL	Moot court society and national intra - moot competition
22	USMAS	Medical and allied sciences	Dance club
23	USMAS	Medical and allied sciences	Debate declamation
24	USMAS	Medical and allied sciences	Creative writing
25	USMAS	Medical and allied sciences	Painting and fine arts
26	USPS	USPS	Dance club
27	USPS	USPS	Dramatics
28	USPS	USPS	Debate/declamation
29	USPS	USPS	Creativity
30	USPS	USPS	Community engagement club
31	USPS	USPS	Fun and frolic club
32	USPS	USPS	Fine art club
33	USS	Mathematics	Infinity
34	USS	Life sciences	Music club
35	USS	Life sciences	Dance club
36	USS	Life sciences	Dramatics
37	USS	Life sciences	Debate/declamation
38	USS	Life sciences	Creative writing
39	USS	Life sciences	Painting and fine arts
40	USS	Life sciences	Photography/videography

41	USS	Chemistry	Green club
42	USS	Chemistry	Electoral club
43	USS	Chemistry	Heritage club
44	USS	Chemistry	Skill & communication club
45	USS	Chemistry	Chemical society club

Proud moment

For the fourth time >>> **1st in Asia**

SAC ASIO-REGIONAL EVENT
Year: 2022 | Venue: Palanga, California, USA
Position: 1st in Asia | 1st in the World

ROYAL AIR FORCE EVENT (UK AIR FORCE)
Year: 2022 | Venue: Waddington, UK
Position: 1st in Asia | 1st in the World

FORMULA 1 RACE (INDIAN AIR FORCE)
Year: 2020 | Venue: Lucknow, UK
Position: 1st in Asia | 1st in the World

INDIAN AIR FORCE RACE
Year: 2012 | Venue: Lucknow, UK
Position: 1st in Asia | 1st in the World

ROCK RACE
Year: 2014 | Venue: University of Texas, USA
Position: 1st in Asia

1st Super Hero Golf event, Singapore 2020
During limited lockdown training, the students aimed to reduce on the elements of automotive engineering. Their prototype achieved a surprising mileage of 254 km/liter. The effort topped the first position in Asia and 1st place in the world.

Formula SAC in 2006
Formula SAC is a student design competition organized by SAC International for designing the Formula car for college students in California, USA. The competition was started in 2003. In year 2006, the students of Royal Air Force presented a car in the competition that reached an astounding speed of 260 km/hr. The achievement got the students first position in Asia and 1st rank in the world.

The Great Escapology Race in 2023
The RACE Human Exploration Rover Challenge, since its 2004 premiere is, in the words of the organizers, "the most demanding and challenging competition for college students in design, build, and test. Teams conceived, designed, built, and tested a purpose-built, reliable vehicle that simulated lunar terrain. In 2023, students from the University of Texas, USA, won the challenge and became the first team to win the competition." The achievement got the students first position in Asia and 1st rank in the world.

1st Royal Air Force Indian Race in 2012
This competition challenges student teams to design, make and maintain a safe, off-road vehicle that can maneuver in an off-road terrain. The competition is held in the University of Texas, USA, in which 100 colleges from across the world participate. Royal Air Force students bagged first position in Asia.

In these competitions, Royal Air Force has secured the following positions in Asia for the last 10 years.

International Achievements

AWARDS AND RECOGNITIONS



Student's Testimonials



ACTIVITIES

CO-CURRICULAR ACTIVITIES

Cricket ground



Basket ball



Football



Activities - a Glance

NATIONAL MATHEMATICS DAY
Organized by University of Jammu for the first time in the month of February. The first session was by Dr. Gaurdeep Singh, Assistant Professor, Department of Mathematics, University of Jammu. The second session was by Dr. Manoj Kumar, Assistant Professor, Department of Mathematics, University of Jammu. The third session was by Dr. Manoj Kumar, Assistant Professor, Department of Mathematics, University of Jammu.



NATIONAL SCIENCE DAY
ICCOTM (ICOTM) is the acronym of International Conference on Current Topics in Mathematics. It is a biennial conference organized by the Indian Mathematical Society (IMS) in collaboration with the Indian Council of Cultural Relations (ICCR), New Delhi. The conference is held in an odd-numbered year in a different city in India.



4TH NATIONAL MOOT COURT COMPETITION
Organized by University of Jammu, Jammu. The event was held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu. The event was held in the moot court of the University of Jammu.



PUNJABI CONFERENCE
The Punjabi Conference is an annual conference organized by the Punjabi Association of India. The conference is held in an odd-numbered year in a different city in India.



6TH NATIONAL CONFERENCE
The 6th National Conference on Management Research and Applications was held on 15th and 16th February 2019. The conference was held in the moot court of the University of Jammu.



ANNUAL SPORTS DAY
Annual Sports Day is an annual event held in the month of February. The event is held in the sports ground of the University of Jammu.



TECHNOVISA 2019
The annual Technovisa 2019 was held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu.



VETER AWARENESS CAMPAIGN
The awareness campaign was held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu.



NATIONAL MANAGEMENT SEMINAR
The National Management Seminar was held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu.



VISIT BY INTERNATIONAL EDUCATIONISTS
The visit by international educationists was held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu.



INTERNATIONAL WOMEN'S DAY
International Women's Day was celebrated on 8th March 2019. The event was held in the moot court of the University of Jammu.



THE STATE AWARDS
The State Awards were held on 15th and 16th February 2019. The event was held in the moot court of the University of Jammu.



TECHNO-VIRSA



FACILITIES IN RAYAT BAHRA UNIVERSITY CAMPUS

The Rayat Bahra campuses are lively, cosmopolitan townships with their own shopping complexes, banks, and convenience stores.

Other facilities include academies, centers, the commercial center, cultural and the sports center. These are provided with a host of services, thus a great sense of connectivity. It's a vibrant township background that is making the facility.

INDOOR FOOT COURT
A modern FOOT COURT coming up in the campus. The architecture well designed foot court will bring youth and youth lovers. Chinese tables, chairs and benches. It will serve as an ideal hub for playing, leisure and exercising.

SPORTS GAMES AND OLYMPIANS
Students indulge in various indoor and outdoor games for keeping themselves fit. There is a modern gym with state of the art equipment for physical training.

STATE OF THE ART DIGITAL LIBRARY
With one of the best & biggest IT savvy infrastructure in north India, it is a library of reading rooms, separate for boys and girls, for and various other types of digital books, internet and books, journals and other resource materials.

GYMNASIUM
Gymnasium is an indoor space on a state-of-the-art equipment on the campus. The equipment, used by approximately 5000 people, is equipped with all the modern and advanced equipment and facilities.

RESTAURANT
This facility is serving tea, coffee, juice, beverages and food items. They are served by a staff of highly trained and professional staff for their vibrant and vibrant needs.

HYGIENIC KITCHEN
The campus is well equipped with modern kitchen, hygiene and safety. It is served by a staff of highly trained and professional staff for their vibrant and vibrant needs.

MEDICAL CARE CENTRE AND FREE AMBULANCE SERVICE
There is a modern and well equipped medical center on the campus to meet the first aid and emergency needs. Free ambulance service is provided when a medical need is needed for the campus especially needed.



Coffee shop



Mess



Food court



Hostel



Central Library



Dispensary



Gym for boys and girls