

Action Plan about Improvements in quality of Research, Publication and Innovation

INTRODUCTION:

Gandhi Vidya Mandir, the sponsoring society of this deemed to be University was registered as a society under Society Registration Act 1860 in 1951 and its college of education established in 1953 was elevated to IASE under centrally sponsored scheme in 1993, which later on declared as deemed to be university in 2002.

Prior to the declaration of IASE as deemed to be University, Ph.D. (Education) course was offered by the institution as an affiliated college of Rajasthan University, Jaipur and later on as that of MDS University, Ajmer.

The institution has following objectives.

- Rural Education
- Rural Socio- Economic
- Rural Health
- Value Education

The Institution have been offering the Ph.D. (Education) since 1968. So far 177 Ph.D. have been awarded during the period of last 17 years. Before inception of the deemed to be University in 2002 only 13 Ph.D. degree were awarded in a period of 34 years. As of today we have 21 Ph.D. supervisors under whom 31 scholars are registered for their Ph.D. Most of the researchers are working on Education Psychology and Education Technology. In addition to education the deemed to be university has also been offering Ph.D. in History, Geography, Hindi and Biotechnology. The faculty member have published 312 research papers from 2009-10 to 2018-19.

- **Research Papers Published from 2015-2018**

Session	Number of Published paper
2014-15	30
2015-16	38
2016-17	90
2017-18	51
2018-19	24

Annexure – A-I

- **Workshops, Seminars and Conferences organized by Institute (2015-18)**
(In collaboration with IGH / DST / MHRD / CTE /ISRO/All India Association of Vice Chancellors and Academicians)
 - Workshops - 10
 - Seminars - 07
- **Participation of Faculty Members in State, National and International Workshops, Seminars and Conferences (2015-18)**
 - Workshops - 25
 - Seminars - 111
 - Paper Presented - 44
 - Faculty Development Programme - 12

Annexure – A-II

- **Books Published**
 - Published by Faculty Members With ISBN - 06
 - Published by IASE (With ISBN – 10) (Without ISBN – 06)
 - Theses Published by IASE with ISBN – 02
 - Chapters in Books by faculty members - 18

Annexure – A-III

In addition, 6 harmony chairs were established in 2015 and under each of the harmony chairs Projects were sanctioned as under:

No	Name of the Chair	Chairperson	No of Projects
1.	Harmony through Science & Technology	Dr. R.R Gaur (Former Prof, IIT Delhi)	5
2.	Religious Harmony Chair	Dr. M.M Verma (Former Prof, Delhi Univ.)	6
3.	Political Harmony Chair	Dr. S.K. Tamotia (Former Vice Chancellor & DG Bhartiya Vidya Bhavan, Ex CMD, NALCO)	7
4.	Social Harmony Chair	Dr. Vidyut Joshi , (Professor emeritus Gujarat Vidyapith, Former VC Bhavnagar Univ)	8
5.	Media Harmony Chair	Prof. Achutanand Mishra Former Vice Chancellor, MCPRVV, Bhopal	4
6.	Philosophical Harmony Chair	Prof. K K Sharma (Former. Pro VC North –Eastern Hill University, Shillong)	6
7.	Other Projects	-	3
		Total	39

Apart from harmony chairs, the Deemed to be University has also conducted following activities.

- Conducted research in peace and harmony in partnership with 'Global Harmony Association' (Russia).
- 75 eminent internationally acclaimed academicians, NGO heads and peace workers from 26 countries (Three from this deemed to be university) participated
- The project studies on various thought processes and case studies across the world using the framework of 'Tetranet Thinking' and concludes that mankind wants to live in peace and harmony
- This research was published as a book 'ABC of Harmony' in English and Russian

Published another book entitled '*Global Peace Science*' contributed by 173 scholars from 34 countries

Annexure – A-IV

Software development

The Deemed University has developed an ERP Software with objective to built a common digital platform which can integrate all stake holders of higher education, strengthen administrative control, transparency & standardization in the system and a move towards digital India has developed a 30 modules of ERP Software covers activities like Admission, Examination, Financial accounting, Administration, Campus management, student support, e-learning etc.

Using this software the deemed university has standardized and merged multiple database, 95% of students grievances are addressed online within 24 hrs. Degree, Markcards, Provisional, Transcript, Migration etc. are digitized. Work on online verification of all the documents/degree of students is in progress.

Action plan for improving quality of Research, Publication and Innovation mainly focus on establishment of Innovation Cell, Incubation Center and Research Cell and identification of Research areas, Publication preferably in indexed peer reviewed referred Journal listed in CARE List of UGC. The Deemed to be University has made

provisions for financing teachers research projects. It is working as per UGC quality mandate since session 2018-19.

The teachers are motivated to apply for financial assistance for their Research Projects.

Activities undertaken

1. Establishment of Institution Innovation cell as per the direction of MHRD letter dated 17.10.2018.

- Institute Innovation Cell has been established vide office order no. IASE/DU/SRDR/19/85 dated 30-07-2019

- **Certification**

- Institutions Innovation Council and AICTE has issued a certificate mentioning that the IIC of IASE(DU) had undertaken various activities prescribed by Innovation Cell, MHRD to promote Innovation and Start-up in campus during the IIC calendar year 2018-19 & 2019-20

- **Training**

- Following Four faculty members have participated in training for Innovation Ambassadors, organized by AICTE/MHRD on 16-17 January, 2020

1. Mr. Mitesh Choudhary
2. Mr. Arun Kumar
3. Dr. Devendra Singh
4. Mr. Dinesh Kumar

Annexure – B-I

2. Establishment of Incubation Center vide letter no IASE/DU/SRDR/19/82 dated 30 July 2019.

Composition

1. Sh. Mitesh Choudhary, Convener
2. Dr. Devendra Singh
3. Mr. Dharamaram Moond

4. Dr. Narendra Bhatt
 5. Mr. Gajendra Singh Rathore
- a. A sum of Rs. 25 lakh allocated for the center and a seed money of Rs. 1,00,000.00 has been sanctioned to initiate the activities of the center vide order dated 30 Sept. 2019
 - b. Research proposals were invited for financial assistance & following projects have been received and are under process.

S.No.	Principal Investigator	Title of the Project	Amount Sanctioned
1	Mitesh Choudhary	Waste Heat Treatment from wood seasoning plant	₹ 3,25,000
2	Abhimanyu Chauhan	Experimental of Investigation of Mechanical Properties welding of Austenitic Stainless Steel (ASS) using Tig on Lathe	₹ 2,30,000
3	Lalit Kumar Gaur	Synthesis and characterization of metal oxide nano materials and their composite nanostructures for photo-catalytic activity and photo anode applications in dye sensitized solar cells (DSSC)	₹ 3,50,000
4	Dr. Devender Singh	ACC deaminase producing plant growth promoting bacteria (PGPB) in Alleviation of stresses and Enhancement of Growth and Yield of Crop Plants	₹ 2,50,000
5	Dr. Vikram Rathore	Plasmonics: Alternative of Electronics and Photonics by Tunable Innovative Technology	₹ 3,50,000

Annexure – B-II

3. Establishment of Research Cell (vide order IASEDU/SRDR/ACAD/2019/PB.No.544 dated 18-10-2019).

a. Composition

1. Prof. Devendra Mohan, Pro VC (In-charge)
2. Prof. Manisha Verma, Dean, Faculty of Education
3. Prof. K.Rani Lakshmi, Dean, Faculty of Humanities and Social Sciences
4. Prof. Vikram Rathore, Dean, Faculty of Engineering and Technology
5. Dr. Avinash Pareek, Director, Research (Member Secretary)

b. Objectives of the Cell

- Research Publication in quality journals including journal mentioned in UGC care list
- Submission of Research Proposal for financial assistance.
- Research Collaboration with other Institutions.

C. Activities under taken

1. A workshop on Research Project Writing was organized from dated 01-02-2019 to 04-02-2019 vide order no IASEDU/SRDR/19/1242 dated 29-01-2019
2. A summer school was organized for all the faculty members from 16-05-2019 to 31-05-2019 for quality research (Vide office order no. IASEDU/SRDR/19/1475).
3. Following 13 Projects for financial assistance have been submitted to IMPRESS-ICSSR/ DST/SER

S.No.	Name	Project Title
1	Dr. Anand Shrivastava	vuqlwfpr tutkfr;ksa esa lkekftd xfr'khyrk ¼jktLFkku dh Hkhy tutkfr ds fo'ks"k lanHkZ esa½
2	Dr. KailashPareek	bysDV ^a ksfud ;qfDr vkSj lwpuk rdudh dh d`f"k ,oa xzkeh.k fodkl esa ;ksxnku
3	Dr. Ranjita Baid	fd'kksj fo kfFkZ;ksa ds ekufld LokLF; ,oa uSfrd fu.kZ; ij /;ku ,oa izkFkZuk IHkk ds izHkko dk v/;;u
4	Sunita Saraswat	;ksx funzk dk fo kfFkZ;ksa ds LokLF; ij iM+us okys izHkko dk v/;;u
5	Prof. K.Rani Lakshmi	Empowering marginalized women through soft & ICT skill development programs in Sardarshahr City: An action based research
6	Dr. Sunil Kumar	Comparative study on Organic & Existing Agriculture practices in Churu and Ganganagar district of Rajasthan
7	Dr. Avinash Pareek	fd'kux<+ ds i;ZVu LFkyksa dk ,sfrgkfld ,oa lkaLd`frd v/;;u
8	Dr. Vikram Rathore	A Study on the impact of online learning SWAYAM courses on academic excellence in Thar Desert Region

9	Dr. Vikram Rathore	The effect of skill development and Entrepreneurship for Women empowerment in Thar Desert region
10	Bhaskar Mishra	Social and wild life of Thar Desert through the lens
11	Mitesh Choudhary	Web Application to promote Handicraft Technology of Sardarshahr Region
12	Prof. K.Rani Lakshmi (PI) Ms. Deepika Singh (Co-PI)	Socio Cultural Practices and Prevalence of nutritional anemia among women of Sardarshahr Tehsil (Churu), Rajasthan (Submitted in DST)
13	Dr. Dinesh Chandra Maurya	Study of Dark energy and scalar field in cosmology (Submitted in Science and Engineering research board)

Annexure – B-III

4. A sum of Rs. 25 lakh has been allocated for financial assistance to the Research Projects of teachers during 2019-20 (BoM meeting dated 09.03.2019)

- Following projects have been sanctioned :

PI	Title of the Project	Amount
Dr. Sunil Kumar	tSfod o vtSfod [kknksa dk ikniksa dh o`f) ij izHkko dk v/;;u	₹ 1,92,000
Himanshu Grover	d`f"k esa efgykvsd dh Hkwfedk	₹ 1,28,000
Dr. K. Rani Lakshmi Deepika Singh	Inculcation of Universal Human Values among Students through Schooling: A Comparative Study of GVM Group of Schools and Government Schools in Sardarshahr	₹ 2,15,000
Dr. Sarita Sharma	A study of the effect of Environmental Education on Awareness, Behaviour and Ethics of pupil teachers	₹ 1,20,000
Dr. Devendra Singh Bhaskar Mishra	Study of Avian Diversity in Churu District of Thar Desert through the Lens	₹ 2,70,000

5. Interfaith Foundation agreed to grant Rs. 3 Lakh for 3 fellowships of Rs. 1 lakh each to work on Religious Harmony Projects.

- The applications have been invited

6. Quarterly Round Table Meetings of the University teachers and renowned experts of various fields shall be conducted to scale up in house capacity and

about the recent trends in the field of Research under the leadership of Prof. M.M. Verma, Retd. Prof. of Delhi University (one of the chair under existential Harmony).

- First Meeting was held on 16.06.2019 and Second Quarter Meeting on 24.11.2019

Annexure- B-IV

4. Areas of research :-

- Contemporary education philosophy in context of Peace and Harmony.
- Chronological development of women education.
- Study on teacher education curriculum in global context.
- A study on role of women in the socio economy of the Thar Desert.
- Socio Cultural history of villages of Sardarshahr tehsil.
- Study of Traditional water bodies of Thar desert with special reference to their conservation.
- Analytical study of causes of Pseudo cultures and their effect on the adolescent students
- Floral diversity of medicinal plants of thar desert and their conservation.
- Study of City sewage for its optimum utilization.
- Study of dark energy and scalar field in cosmology (Mathematical Science)
- Unconventional energy resources development and conservation and use of solar energy to operate machines.
- Prospectus of Fresh water pearl culture in Rain water harvesting structures of Sardarshahr.

5. Conferences/Workshops during 2019-20

a. Workshop

S.No.	Date	Title	No. of Participants	Collaboration/ Funding
1	01-02-2019 to 04-02-2019	Research Project Writing	44	-
2	14-15 September, 2019	Current Trend in Gender Sensitization	75	-
3	11 January, 2020	Investment Awareness	50	Association of Mutual funds in India (SEBI)
4	16 January, 2020	vk/kqfud thou 'kSyh ,oa ;ksx lk/kuk	120	Delight Yoga Foundation, New Delhi and SukhSangam Yoga Sadhana

5	30 January 2020	fgUnh Hkk”kk f’k{k.k ds uokpkj	115	-
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b. Seminar and Conferences

S.No.	Date	Title	No. of Participants	Collaboration/ Funding
1	08-09 November, 2019	21oha Inh vkSj lkfgfR;d foe’kZ	80	-
2	23-25 November, 2019	Teacher Education in the context of Indian Culture”	75	-
3	18-19 December, 2019	34th Session of “Rajasthan History Congress”	250	Received financial support of Rs. 2,00,000 from ICSHR, Collaboration with Rajasthan History Congress
4	4-5 January, 2020	oSf'od i;kZoj.kh; leL;kvksa ds lek/kkukFkZ Hkkjrh; laLd`fr	130	Shiksha Sanskriti Utthan Nyas, New Delhi and Dakshina Foundation, New Delhi
5	18.09.2019	Tky fojklr laj{k.k ,oa lao/kZu	115	nhun;ky mik/;k; 'kks/k laLFkku
6	31st January to 2nd February 2020	International Conference on Environmental Challenges and Solutions	300	Shiksha Sanskriti Utthan Nyas, New Delhi, Manav Rachna International Institute of Research and Studies, Faridabad and Dakshina Foundation, New Delhi supported by this deemed to university.

Proposed

c. Seminar

S.No.	Date	Title	No. of Participants	Collaboration/ Funding
1	15-16 February, 2020	Methods and Applications of Geo-spatial Technology in Sustainable Development	-	Collaboration with Atal Bihari Vajpayee Hindi Vishwavidyalya (State University) Bhopal (M.P.) & Netra Institute of Geoinformatics, Management and Technologies Foundation Dwarka, New Delhi (Technology Partner)
2	Proposed 6-7 March 2020	Intellectual Property Rights and Patents	-	in the collaboration with Department of Science

				and Technology, Jaipur
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Annexure – B-V

6. 6 Harmony Chairs

6 Harmony Chairs have been functioning since 2015.

S.No.	Name of Chair Head	Name of Chair
1.	Prof. M.M.Verma, Former Prof. University of Delhi	Religious Harmony
2.	Prof. Vidyut Joshi, Prof. Emeritus Gujarat Vidyapeeth Former V.C. Bhawnagar University	Social Harmony
3.	Prof. Achutanand Mishra Former Vice Chancellor, MCPRVR, Bhopal	Media Harmony
4.	Prof. K.K.Sharma Former Pro VC, North Easter Hill University, Shilong	Philosophy Harmony
5.	Prof. R.R.Gaur Former Prof.. IIT Delhi	Science and Technology Harmony
6.	Prof. S.K.Tamotia Former Vice Chancellor and DG Bhartiya Vidya Bhawan EXCMD, NALCO	Political Harmony

Annexure – B-VI

7. Publication of a Research Journal, entitled “Avagahan”.

- Title verification letter has been received from RNI
- Papers are invited for the purpose of publication
- Research Journal will be published in June, 2020

Annexure – B-VII

8. Research Publication during the session 2019-20.

Name	Date	Title	Journal	Ref. & Remarks
Dinesh Chandra Maurya	2020	“Transit cosmological model with specific Hubble Parameter in $F(R,T)$ gravity”	New Astronomy	doi.org/10.1016/J.newwast.2020.101355 Elsevier Pub.
R. Zia, U. K. Sharma, D. C. Maurya	2019	“Transit Two-Fluid Models in Anisotropic Bianchi Type-III Space-time”	New Astronomy	72 83-91. doi.org/10.1016/j.newwast.2019.04.003. SCI, Elsevier Pub.
D. C. Maurya, R. Zia	2019	“Brans-Dicke scalar field cosmological model in Lyra’s geometry”	Physical Review	D, 100, 023503,1-13 DOI:10.1103/PhysRevD.100.023503, American Physical Society Publication
D. C. Maurya	2019	“Modified $f(R,T)$ Cosmology	International Journal	(1to20)

		with observational Constraints in Lyra's Geometry”	of Geometric Methods in Modern Physics	doi.org/10.1142/50219887820500012. World Scientific Publishing co. Pte. Ltd., Literatum
D. C. Maurya, A. Pradhan and Archana Dixit	2019	“Domain walls and quark matter in Bianchi type-V universe with observational constraints in F(R,T) gravity”	International Journal of Geometric Methods in Modern Physics	doi.org/10.1142/50219887820500140. World Scientific Publishing co. Pte. Ltd., Literatum
Avinash P., Sandeep S., Chitra H, Geetha N	2019	“Enabling Women Entrepreneurs in Horticulture and Instruction Parts in India through Microfinance Advancements”	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	8 (10) 2663-2666 ISSN : 2278-3075 Blue Eyes Intelligence Engineering and Sciences Publication (Scopus Indexed)
K.Rani Lakshmi	2019	“MORALE”	International Journal of Humanities and Social Sciences (IJHSS) in International Academy of Science, Engineering and Technology	8 (4) 45-50 ISSN : 2319-3948 NAAS rating 3.17 Impact Factor (Research Bits) 1.072 Pub.-International Academy of Science, Engineering and Technology
K. Rani Lakshmi	2019	“Legislation of Mental Health”	Anveshana's International Journal of Research in Regional Studies, Law, Social Science, Journalism and Management Practices	4 (4) 21-26 ISSN : 2455-6602 (Online) Peer Reviewed Journal
K.Rani Lakshmi	2019	“A Conceptual Integration of Health Organization in Tamilnadu”	International Journal of Research in Humanities, Arts and Literature	(IMPACT : IJRHAL) 7 (2) 425-430 ISSN : 2347-4564 Impact Journal
K.Rani Lakshmi	2019	“Medical organization – Origin and Function”	International Journal of Humanities, Arts and Medicine and Sciences	(BEST: IJHAMS) 7 (1) 37-42 ISSN : 2454-4728 Pub.-Best Journals
Kailash Pareek	2019	“Artificial Intelligence (AI) and Education”	Journal of Emerging Technologies and Innovative Research	6 (6) 523-535 ISSN 2349-5162.
Sunil Kumar	2019	“[kk]kUu 'kL;uøe ,oa mRikndrk fo'kys" k.k tuin fQjstkckn ds lanHkZ esa**	International Research Journal of Management Sociology and Humanities	10 (7) 52-68 ISSN 2277-9809 (Online) 2348-9359 (Print) Pub.-ISARA

Sunil Kumar, Mukesh Kumar Verma	2019	^k[ksrM+h rglhy esa ty lalk/kuksa dk mi;ksx] leL;k,a ,oa izHkko**	Review of Research	8 (9) 77-82 ISSN No. 2249-894X
Sunil Kumar, Mukesh Kumar Verma	2019	^k[ksrM+h rglhy esa vk/kqfud ty lalk/ku izcU/ku**	Review of Research	8 (9) 83-90 ISSN No. 2249-894X
Sunil Kumar	2019	“Environmental Pollution and its Impact on Human Health: in Firozabad District”	International Research Journal of Management Sociology and Humanities	10 (5) 64-71 ISSN No. 2250-1959 (Online) 2348-9367 (Print) Pub.ISARA
Nidhi Soni	2019	jk"V ^a h; laLd`fr cuke ^olq/kSo dqVqEcde**	'kks/k uouhr	$\frac{1}{4}$ VII $\frac{1}{2}$ $\frac{1}{4}$ 1 $\frac{1}{2}$ 237&241
Alpana Sharma	2019	^LFkkuh; Hkk"kkvksa dk fo kfFkZ;ksa ds lkaLd`frd fodkl esa ;ksxnku&,d v/;;u**	Journal of Educational & Psychological Research	9 (1) 52 – 57 ISSN 2230-9586
Ranjita Baid	2019	^;ksx fØ;kvksa esa Hkkx ysus rFkk u ysus okys ch-,M+- izf'k{k.kkfFkZ;ksa ds uSfrd fu.kZ; dk v/;;u**	Journal of Educational & Psychological Research	9 (1) 58 – 60 ISSN 2230-9586
SatyaprakashTi wari, Ratan Kumar Bhardwaj	2019	^ftn~nw d`".kewfrZ ds 'kSf{kd n'kZu dk v/;;u**	Review of Research	8 (7) 1-13 ISSN No. 2249-894X.
SatyaprakashTi wari, Ratan Kumar Bhardwaj	2019	^ftn~nw d`".kewfrZ ds 'kSf{kd fopkjksa dk v/;;u**	Review of Research	8 (7) 1-10 ISSN No. 2249-894X
SatyaprakashTi wari, Ratan Kumar Bhardwaj	2019	^ftn~nw d`".kewfrZ ds O;fDrRo ,oa d`frRo dk v/;;u**	Review of Research	8 (8) 1-6 ISSN No. 2249-894X
K.Rani Lakshmi	2019	“Rules and Regulation of the Hospital”	Journal of International Pharmaceutical Research	46 (6) 142-144ISSN : 1674-0440
K.Rani Lakshmi	2019	“Specialization of services in the field of Medicine. Anveshanas”.	International journal of Research in Regional studies, law, social sciences. Journalism and Management Projects	4 (10) 17-22 ISSN- 2455-6602
Sunil Kumar	2019	^Hkwfe mi;ksx ds lkef;d ,oa {ks=h; izfr:i**	Drishtikon	11 (5) 391-400 ISSN No. 0975- 119X
Avinash Pareek	2019	^mPp f'k{kk esa jk"V ^a h; laLd`fr dh mikns;rk**]	twuh [;kr $\frac{1}{4}$ bfrgkl dyk ,oa laLd`fr dh 'kks/k if=dk $\frac{1}{2}$	9 (1) 37-45ISSN No. 2278-4632. Pub.-Marubhumi Sodh Sansthan
Avinash Pareek	2019	^fd'kux<+ jkT; esa lkekftd dqjhfr;ksa dk mUewyu**	jktLFkku fgLV ^a h dkaxzsl	Proceedings Vol. 33 ISSN – 2321- 1288 Pub.-Rajasthan History Congress
Mamta Pareek	2019	^Hkkjrh; iqjkru laLd`fr esa	A Bilingual and Peer	1-3 ISSN No. 2475-

and Sangita Kumari		jk"V ^a okn**	–Reviewed Journal of Literature, Arts & Culture (Pittsburgh, USA)	1359,
Mamta Pareek	2019	^orZeku ,oa Hkkoh ih<+h esa lqlaLdkjksa dh egRRkk ,oa mi;ksfxrk**	n`f"Vdks.k] International Referred Journal for Research Publication	11 (05), 385-390, ISSN No. 0975-119X Impact Factor 5.1, UGC CARE List, Pub.-Drishtikon Prakashan
Mahesh Kumar Sharma, Shyam Sunder Kaushik	2019	^ewY; ;qDr f{k{k izfdz;k fLFkfr ds izfr v/kidksa dk n`f"Vdks.k**	Chhavi National Journal of Higher Education	ISSN -2319-9679 07 (26), 1-4
Kanta Pareek	2019	^mPp f{k{kk ds mnns';] ikB~;dze ,oa fo"k;oLrq**	International Journal of Research & Analytical Reviews (IJRAR)	(E-ISSN 2348-1269,P-ISSN 2349-5138) VOL. 6 (2), UGC CARE List
Kanta Pareek	2019	^f{k{kk esa jk"V ^a h; laLd`fr dk lekso'k jk"V ^a h; laLd`fr cuke olq/kSo dqVqEcde**	International Journal of Research & Analytical Reviews (IJRAR)	(E-ISSN 2348-1269,P-ISSN 2349-5138) VOL. 6 (2), UGC CARE list
Alpana Sharma	2019	^LFkkuh; Hkk"kkvksa dh orZeku pqukSfr;ka**	Journal of Achrya Narendra Dev Research Institute	ISSN No. 090076-3287, 27,221-225 UGC CARE list
Kanchan Sharma	2019	^oSfnd lkfgR; esa ty laLd`fra**	Chetana Peer Reviewed /Refereed Journal	3,45-48, Impact Factor 4.157
Dr. Ramavtar	2019	^fo ky;h f{k{kk ds fofHkUu Lrjksa ij jk"V ^a h; laLd`fr ds lekso'k gsrq fo"k;&oLrq ,oa O;wg jpuk**	Chetana Peer Reviewed /Refereed Journal	4, 68-72, Impact Factor 4.157
Dr. Uma Saini	2019	^fo kfFkZ;ksa dk fgUnh dk mPpkj.k dSls lq/kjs**	Review of Research	8 (8) 1-6 ISSN No. 2249-894X., International Peer reviewed Impact Factor 5.7631 Vol 08, (6), UGC CARE List
Dr. Uma Saini	2019	^vk/kqfud dkyhu Hkkjr esa ckyf{k{kk ds fodkl dk vkykspukRed v/;;u**	International Journal of Research & Analytical Reviews (IJRAR)	(E-ISSN 2348-1269,P-ISSN 2349-5138) Impact Factor 5.7 6 (2),230-236, UGC CARE List
Dr. Uma Saini	2019	^fczfv'k dkyhu Hkkjr esa cky f{k{kk ds fodkl dk vkykspukRed v/;;u**	Shodh Sarita (Journal of Arts Humanities & Social Sciences)	6 (23), 78-81, ISSN 2348-2397 UGC CARE List, Pub.-Sodh Sanchar Educational and Research Foundation
Dr. Uma Saini	2020	^izHkkoh v/;kiukH;kl**	n`f"Vdks.k International	ISSN No. 0975-119X Impact Factor

			Referred & Journal for Research Publication	5.1 Vol.12 Issue 01, January. 2020. UGC CARE List. Pub.-Drishtikon Prakashan
Dr. Ramavtar	2019	^orZeku oSf'od leL;k,a ,oa Hkkjrh; laLd`fr esa lek/kku**	Chetana Peer Reviewed /Refereed Journal	Impact Factor 4.157 Year 04 Vol 01
Dr. Sarita Sharma	2019	^ySafxd laosnu 'khyrk dk ,sfrgkfld voyksdu o lek/kku ¼Hkkjrh; ifjis{; esa½**	n`f"Vdks.k International Referred & Journal for Research Publication	ISSN No. 0975-119X Impact Factor 5.1 Vol.11 Issue 06, UGC CARE List Pub.-Drishtikon Prakashan
Dr. Sarita Sharma	2020	"Effect of Surya Namaskar (Sun Salute) on Physical health of adolescent students, A Study	Our Heritage Journal	68 (1) ISSN 0474-9030 (UGC CARE List) Pub.- Department of Post Graduate Training and Research Sanskrit College
Dr. Kulraj Vyas	2020	^tkV jktk lwjtey vkSj izFke vQxku vfHk;ku% ,d ,sfrgkfld v/;;u**	Drashtikon	12 (1) ISSN 975-119X (UGC CARE List) Pub.- Drishtikon Prakashan
Sunil Kumar and Mukesh Kumar Verma	2019	^[ksrM+h rglhy esa tljkij o fpjkuh xkaoksas esa O;klr fo"kerkvksa o fofo/krkvksa dk vkdyu**	Nibandha Mala	11 (12) 235-244, ISSN-2277-2359 Pub.-Rashtriya Sanskrit Sansthan
Sunita Saraswat	2019	^osnksa ds jkjk ekuo dY;k.k **	n`f"Vdks.k	11 (6) ISSN-0975-119X (UGC CARE List) Pub.Drishtikon Prakashan
Kanta Pareek	2019	"Different Learning Style in Education"	IJRAR	6 (4) (UGC CARE list)
Rajpal Singh Yadav	2020	mPp f'k{kk esa jk"Vªh; laLd`fr ds lekos'k ds {ks=	n`f"Vdks.k	12 (1) ISSN-0975-119X Pub.- Drishtikon Prakashan
Satya Prakash Tiwari	2019	cnyrs ewY; ,oa Hkkjrh; n'kZu	n`f"Vdks.k	11 ¼6½ ISSN-0975-119X Pub.- Drishtikon Prakashan
Kumar Gaurav	2020	folky;h f'k{kk esa jk"Vªh; laLd`fr ds lekos'k ds {ks=	n`f"Vdks.k International referred and indexed journal	12 (1), ISSN 0975-119X (UGC Care listed) Pub.- Drishtikon Prakashan
Krishan Lal Nai	2020	Hkkjrh; jk"Vªh; vkanksyu esa izsepan ds dFkk lkfgR; dh orZeku izklafxdrk	n`f"Vdks.k	12 (1), ISSN 0975-119X (UGC CARE listed) Pub.- Drishtikon Prakashan

Nidhi Soni	2020	“Jhen~Hkkxor xhrk esa vk/;kfRed Kku**	fuCka/k ekyk International referred Indexed Journal	12 (1), ISSN 2277-2359, UGC CARE listed, Pub.- Rashtriya Sanskrit Sansthan
Manisha Verma	2020	Plastic Pollution: causes and solution	Our heritage Journal approved International indexed and referred journal	68 (1) ISSN 0474-9030 UGC CARE listed, Pub.- Department of Post Graduate Training and Research, Sanskrit College
Dr. Mahesh Kumar Sharma and Dr. Shyam Sunder Kaushik	2020	“izkFkfed folky; f'k{kdkksa dh dk;Z IUrqf"V dk rgyukRed v/;;u**	n`f"Vdks.k International referred and indexed journal	12 (1), ISSN 0975-119X ,UGC CARE listed) Pub.- Drishtikon Prakashan
Dr. Ramawtar	2020	“Hkkjrh; laLd`fr dh vo/kkj.kk] egRp vkSj ?kVd**	n`f"Vdks.k International referred and indexed journal	12 (1), ISSN 0975-119X (UGC CARE listed) Pub.- Drishtikon Prakashan
Dr. Puraram Meghwal	2020	“jktDh; ,oa vkn'kZ folk eafnj folky;ksa esa folkfFkZ;ksa ds uSfrd ewY;ksa esa lg'kSf[kd dk;ZØeksa dh Hkwfedk dk rgyukRed v/;;u**	n`f"Vdks.k International referred and indexed journal	12 (1), ISSN 0975-119X UGC CARE listed Pub.- Drishtikon Prakashan
Meena Sharma	2020	“ijEijk lkgl gS x`gLfK tho dk fo'okl gS laLdkj dk] iSjks dh csfM+;k ugh**	Drishtikon	12 (2), ISSN 0975-119X UGC CARE listed
Himanshu Grover	2020	Health status and health service in Bajekan village Haryana a case study	Studies in Indian Place names	40 (3) ISSN:2394-3114, 727-744, UGC CARE listed International Indexed Journal
Rashmi Jain	2020	Life History of RSS founder Dr. Hedgewar	Our Heritage Journal	68 (30) ISSN 0474-9030, UGC CARE listed
Alpana Sharma	2020	“mPp ,oa fuEu cqf) yfC/k okys fd'kksj folkfFkZ;ksa ds vuq'kklu dk rgyukRed v/;;u**	Drishtikon	12 (1), ISSN 0975-119X UGC CARE listed
Kalpna Mourya	2020	“ledkyhu fgUnh miU;kls esa eqfLye vkSj efgyk ys[ku ,d utj esa**	Drishtikon	12 (1), ISSN 0975-119X UGC CARE listed

Annexure – B-VIII

9. Chapters in the Book - 5

Name	Chapter/Title	Year	Published	other
K.Rani Lakshmi	Development of Women Entrepreneur through self help groups in Recent Trends in Management	2019	In Recent Trends in Management Edt. Wendrila Biswas and Dr.Debarun Chakraborty,	145-156, ISBN No. 978-93-888685-08-1

			Abhijeet Publication, New Delhi-110002	
Ranjeeta Baid	^ledkyhu lkfgR; vkSj efgyk ys[ku*] fo"k; ij ,d v;/k;	2019	lkfgR; lap;] ubZ fnYyh ledkyhu lkfgR; vkSj efgyk ys[ku	i`B la;k 69&75 ISBN No.978-93-88011-57-0
Alpna Sharma	ledkyhu lkfgR; vkSj flusek fo"k; ij ,d v;/k;	2019	lkfgR; lap;] ubZ fnYyh }kjk izdkf'kr iqLrd&ledkyhu lkfgR; vkSj flusek	i`B la;k 57&62 ISBN No.978-93-88011-73-0
K.Rani Lakshmi	Development of Women Entrepreneur	2019	Accepted for publication	ISBN No. 978-93-5391-950-41
K.Rani Lakshmi	A depth study of political administration with reference to Tamil Literature. Contemporaneity of language and Literature is Robotized Millennium	2019	In Contemporaneity of language and literature in the Robotized millennium Rest Publisher Vizag	76-79 ISBN 978-81-9360973-6

Annexure – B-IX

10. Other Activities

i. Following skill courses are introduced under CBCS in various subjects.

S.No.	Department	Paper Code	Paper Name
1	Sociology	SC1A	Medical Sociology
2		SC1B	Ayurvedic Dietetics
3		SC2A	Criminology and Deviance
4		SC2B	Human Rights law in India
5		SC3A	Sociology of Indian Craft
6		SC3B	Practical Indian Village Craft
7		SC4A	Sociology and social work
8		SC4B	Social Welfare work
1	Geography	SCG202	Basic in Geography
2		SCG404	Environmental Degradation natural hazards and their Mitigation
1	History	SCH1A	Elements of Indian Archaeology and epigraphy
2		SCH2A	Women in Indian History
3		SCH3A	Local Village History
4		SCH4A	Historical Application in Tourism (Rajasthan)
1	Hindi	MAHY 105	iz;kstuewyd fgUnh
2		MAHY 205	fgUnh ehfM;k] ys[ku ,oa vuqokn
3		MAHY 301	vkfndkyhu ,oa fuxqZ.k HkfDrdky
4		MAHY 405	Ykksd laLd`fr
1	Education	SCE1A	psruk fodkl ewY; f'k{kk
2		SCE2A	funsZ'ku ,oa ijke'kZ

3		SCE3A	'kkafr o lkSgknZ ds fy, v/;kid f'k{kk
4		SCE4A	'kkjhfd ,oa LokLF; f'k{kk
5		SCE5A	f'k{kk esa lwpuk ,oa lEizs" k.k rduhd
6		SCE6A	lekosf'kr f'k{kk

- ii. Identified 13 Skill Development Certificate course.
- iii. The skill courses shall be introduced under CBCS system from the session 2020-21.
- iv. The BoS for all the courses conducted and syllabi are forwarded to academic council for the consideration and approval

Annexure –B-X

v. For Development of e-contents and modules for improvement of teaching and learning.

- E-contents and Modules for Diploma courses have been developed. Work is in progress for other courses

Annexure –B-XI

vi. Organisation of regular camps for existential Harmony and Value Education (Chetana Vikas Moolya Shiksha) for all faculties.

- Latest Camp on Value Education organized from 10-03-2019 to 16-03-2019.

Annexure B-XII

vii. Live stock management in Goushala.

- Rathi cow is a milch breed native of Rajasthan & borrow their name from the nomadic Rathi tribe of the state. The breed is a major livelihood source for farmers in this region, its average weight range between 280-300 k.g. and milk production remain about 10-12 liter per day with better feed management it may raised up to 18 liter / day. The Rathi cattle are thought to be evolved from intermixing of Sahiwal, Red Sindhi, Tharparkar and Dhanni breeds (All native breeds). The Rathi Cattle are very hardy animals and can tolerate arid temperature range i.e. 1-2°C in winter and 50°C in summers

- A herd of about 350 cattles of Rathi (Desi) breed we are having under our parent organization where the students, teacher and non teaching staff are involved in various activities. eg. Cleaning of gaushala, learning milk extraction, production of by products, formation of compost, vermin-compost etc. Selective breeding of the cow are conducted to improve the milk production. Feed management is also done in consultation with the scientists of Bikaner Agriculture University. The incorporation of the above inputs has resulted in increased milk production in general. Further we are having a highest milk producing cow of Rajasthan with milk production up to 28 liter / day. The future planning for the Gaushala is:
 - Selective breeding to improve the race
 - Standardization of nutrition and health care activities to increase the milk production
 - To develop a center for propagation of Rathi breed of cattle

Annexure B-XIII

v. Organic farming

- Rain Fed Organic farming in 350 hectare
- Vegetable production 5 hectare (for Mess, Guest House and Staff)
- Green Fodder Production 5 hectare
- Organic manures (compost and vermin-compost) and microbes are used in place of Chemical Fertilizers
- A skill course on vermi-composting is also started this year

vi. Use of city sewage

- A primary Sewage Treatment Plant for Sardarshahr is under construction in the campus of parent organization under Asian Development Bank Funding
- The effluent of this treatment plant will be used for farming, fodder production and Green belt development in the campus

vii. SWAYAM*/MOOCs/ARPIT/NPTEL/ISRO online Courses passed by the faculty members during this session

Faculty development programme	10
NPTEL on line course (By faculty members)	23
ARPIT	7

MOOCs	1
SWAYAM Non-credit course	8
Courses under outreach programme of Indian Institute of Remote Sensing Dehradun (ISRO)	56
Workshops under outreach programme of Indian Institute of Remote Sensing Dehradun (ISRO)	92

* From the session 2020-21 the credit course of SWAYAM will be included in the syllabus

Annexure B-XIV

viii. Village History writing by PG Students

- Dissertation on a village history writing by each PG students so that history of all the villages of region may be compiled.

ix. Rain Water Harvesting (UGC D.No. 14-5/2017(CPP) dated 16.10.19)

Following activities were conducted in all faculties during the session 2019-20

Faculty	Essay writing competition	Debate Competition	Photography Competition
Faculty of Engineering and Technology	lykfLVd ,oa i;kZoj.k ¼12-10-2019½	ty lao/kZu ,oa laj{k.k ¼14-10-2019½	esjs xk;o ds o"kkZ ty lalk/ku ¼21-11-2019½
Faculty of Humanities and Social sciences	Water conservation and Rain Water harvesting (27.10.2019)	esjs xk;o esas o"kkZ ty laj{k.k ¼16-10-2019½	esjs xk;o ds o"kkZ ty lalk/ku ¼21-11-2019½
Faculty of Education	ty laj{k.k ,oa ty 'kfDr vfHk;ku ¼21-11-2019½	-	Fun fair (17.11.2019) esjs xk;o ds o"kkZ ty lalk/ku ¼21-11-2019½

Annexure B-XV