

**INSTITUTE OF HOME ECONOMICS**  
**(University of Delhi)**  
**ANNUAL REPORT 2017-2018**

Founded by Dr S Malhan in 1961, Institute of Home Economics (IHE) today is one of the premier institutions of the University of Delhi imparting holistic value-based education to girl students across a wide spectrum of undergraduate and post graduate courses including research in applied sciences. True to its mission to develop young women as autonomous, critical thinking and humane individuals, IHE has been consistently expanding its horizon. The accolades achieved by the Institute in the last two years include NAAC 'A' certification, FIST grant from Department of Science and Technology and Star College Scheme grant from Department of Biotechnology.

Today, IHE boasts of elite courses and a paramount infrastructure with state-of-the-art facilities to enable its students to attain academic excellence and to inculcate passion for research at the undergraduate level. The dedication and hard work of the faculty and staff and the vigor and enthusiasm of students has led to emergence of the Institute as a reputed learning center in women's education. The courses offered by the Institute are:

B.Sc. (Hons) Home Science  
B.Sc. (Pass) Home Science  
B.Sc. (Hons) Microbiology  
B.Sc. (Hons) Biochemistry  
B.Sc. (Hons) Food Technology  
B.A. (Hons) Journalism  
B. El. Ed.  
M.Sc. Food and Nutrition  
M.Sc. Fabric and Apparel Science  
Diploma in Dietetics and Public Health Nutrition  
Diploma in Health and Social Gerontology

**Infrastructural Facilities**

The Institute has two building blocks with state-of-art laboratories and lecture theatres, an amphitheatre, a computerized library and a gymnasium. These have facilitated the students of the college by providing ample spaces for study, research, seminars, workshops and extra curricular activities.

The Institute provides a wide range of infrastructural and technical support to the teachers and students. This is made available in the form of an enriched library, a computer centre, internet and Wi-Fi facility, laptops as well as photocopying and printing facilities. With the entire college being Wi-Fi enabled, every department has its own computers and LCD projectors. This contributes tremendously in making information and data readily available to faculty and students at all times.

The laboratories of each department are furnished with all essential equipment to meet the needs of the students as per the curriculum.

The library at IHE has a large collection of books, theses, journals and periodicals. The library is completely automated with a computerized catalogue, bar coded books and smart card for the users. Internet facilities and an intranet linkup with University of Delhi are available at the library.

The Institute has three computer laboratories equipped with computers having the latest software and with Internet connectivity for faculty and students. Several undergraduate and postgraduate classes that require the use of computers are held in the computer lab.

We also have a state of the art studio, which is housed in twin sound proof rooms equipped with 16 channel analog studio mixer, audio-monitor, speakers and two track sound card. Recording and editing of radio programmes, video films and documentaries is also undertaken in the studio. A spacious seminar room fitted with audiovisual facilities is available for conducting conferences and workshops.

The Institute of Home Economics has taken many initiatives to make the campus eco friendly. These include activities like tree plantation in the campus during the rainy season, segregating and recycling of waste material, vertical gardening activities and vermicomposting pits that have been developed using garden waste. Organic compost formation has also been started from wet waste of the canteen in collaboration with Indian Pollution Control Association, under the project, SORT (Segregation of Organic Waste for Recycling and Treatment). At the Institute we also conduct programs like 'say no to plastics' and encourage 'paperless' communication at all levels.

The purchases using GeM (government and e-marketplace) and CPP (Central Public Procurement Portal) got institutionalized last year through the concerted efforts of teaching and non-teaching staff under the guidance and participation of our college Principal. While ensuring efficiency and transparency, this system increases the possibility of public participation through its basic feature of public procurement.

The Institute has an air-conditioned gymnasium, well equipped with the latest equipment for workouts. The Institute has table tennis facilities, 2 halls for sports multipurpose activities and a basketball court for the overall development of students.

The Playschool 'AARAMBH' for the holistic child development and education by creating meaningful and positive childhood experiences and a stimulating environment for children is run by the department of Human Development and Childhood Studies. Besides this, the school offers different services like preschool centre, day care, after school care, after school programmes in performing arts, guidance and counselling and workshops for parents.

## Projects

| Nature of the Project   | Name of PI             | Duration | Name of the Funding Agency                                     | Total grant Sanctioned      | Department |
|---|------------------------|----------|--|-----------------------------|------------|
| <b>Major projects</b>   |                        |          |  |                             |            |
| 1. Star College Fund  | Awarded to College     |          |  | 29,00,000                   | NA         |
| 2. FIST Grant   | Awarded to College     |          |  | 92,50,000                   | NA         |
| 3. Nutritional Status of Young Children living in New Delhi Slums   | Dr. Geeta Trilok-Kumar | 2 years  | India-New Zealand Educational Council Grant                    | NZD 53,463                  | Director   |
| 4. Statistical and Epidemiological Capacity Building to Enhance India-UK Collaboration  | Dr. Geeta Trilok-Kumar | 2 years  | UGC-UKIERI Thematic Partnership                                | 51,54,764                   | Director   |
| 5. Healthy Birth, Growth and Development Knowledge Integration (HBGDKI)   | Dr. Geeta Trilok-Kumar | 2 years  | Bill and Melinda Gates Foundation BIRAC                        | 8,00,000 (first instalment) | Director   |
| 6. To Improve Understanding of Interactions among IUGR, Early Growth Gut permeability, Body fat, Diet and Physical Activity and Risk of Chronic Disease in LBW Children | Dr. Geeta Trilok-Kumar |          | Wellcometrust- DBT Senior Research Fellowship in Public health | 4,29,21,974                 | Director   |

|  |                        |                  |  |           |   |
|--|------------------------|------------------|--|-----------|---|
| 7. Prevalence of Vitamin D deficiency and its association with bone and muscle health among elderly living in Urban slums of Delhi | Dr. Geeta Trilok-Kumar | 3 years          | Indian Council of Medical Research   | 6,85,200  | Director                                |
| 8. Mapping the vulnerability of women in India to climate change at the sub-national scale   | Dr. Savita Aggarwal    | 2 years 9 months | United Nations Framework Convention on Climate Change (UNFCCC)                       | 2,592,000 | Development Communication and Extension |
| 9. Opportunities and challenges in Digital Literacy: Assessing the impact of Digital training for empowering urban poor women      | Dr. Savita Aggarwal    | 15 months        | Ministry of Women and Child Development  | 11,06,700 | Development Communication and Extension |
| 10. Climate and Gender Smart Agricultural Practices: Enhancing Capacity of Rural Women   | Dr. Savita Aggarwal    | 3 years          | University Grants Commission (UGC)   | 15,00,000 | Development Communication and Extension |
| 11. Effectiveness of Milk supplementation on Nutritional Status of Pre Adolescent girls of Delhi – An Evaluation                   | Dr. Seema Puri         | 1 year           | National Dairy Development Board (NDDB) and Mother dairy fruit and vegetable Pvt Ltd | 2,123,000 | Food and Nutrition                      |
| 12. Nutritional risk factors for growth and development of low birth weight infants  | Dr. Seema Puri         | 2 years          | Indian Council of Medical Research   | 10,33,493 | Food and Nutrition                      |

|   |                                      |           |  |           |                      |
|---|--------------------------------------|-----------|--|-----------|----------------------|
| in the first year of life   |                                      |           |  |           |                      |
| 13. Addressing Critical Failures in Infant and Young Child Nutrition in South Asia: IYCN Challenges faced by working women in Urban Areas | Dr. Seema Puri                       | 2 years   | South Asian Infant Feeding and Research Network (SAIFRN) and World Bank. SAFANSI | 42,00,000 | Food and Nutrition   |
| 14. Prevalence of cardio-metabolic risk factors among employed adults in Urban Delhi – nutrition environment measurement study            | Dr. Bani T. Aeri                     | 2 years   | University Grants Commission (UGC)   | 2,35,000  | Food and Nutrition   |
| <b>Minor Projects</b>   |                                      |           |  |           |                      |
| 1. An Ethnographic study of violence in school practices  | Dr. Jyoti Dalal                      | 2 years   | Indian Council of Social Science research (ICSSR)                                | 2,00,000  | Elementary Education |
| 2. Consumer Acceptability and Sensory Analysis studies of Double Fortified Salt (DFS)   | Dr. Seema Puri and Dr. Tejmeet Rekhi | 3 months  | The India Nutrition Initiative-TATA Trust and Nutrition Impact solutions         | 3,45,100  | Food and Nutrition   |
| 3. Consumer Acceptability and Sensory Analysis studies of   | Dr. Seema Puri and Dr. Tejmeet Rekhi | 12 months | The India Nutrition Initiative-TATA Trust and Nutrition Impact                   | 15,00,000 | Food and Nutrition   |

|                               |  |  |           |  |  |
|-------------------------------|--|--|-----------|--|--|
| Multiple Fortified Salt (MFS) |  |  | solutions |  |  |
|-------------------------------|--|--|-----------|--|--|

### Short Term Courses

Short term courses were organized by various departments in an effort widen the horizons and perspectives of the students, over and above the course work that they are required to complete.

| Title of the course   | Date of introduction | Department                              |
|---|----------------------|---|
| 1. 'Life is a Game Play it'- 8 module programme for students to prepare them for future challenges, by Sri Sathya Sai Seva organisation | July, 2017           | Microbiology                            |
| 2. Inclusive Education for Children with Disabilities   | July, 2017           | Human Development and Childhood Studies |
| 3. From Campus to Corporate   | October, 2017        | Development Communication and Extension |
| 4. Computer Aided Design (CAD)  | June, 2018           | Fabric and Apparel Science              |

### Awards received by Faculty

| Year of award | Name of faculty members receiving awards from state level, national level, international level | Designation         | Name of the award, fellowship, received from Government or recognized bodies                                       |
|---------------|--|---------------------|--|
| 2018          | Dr Sunita Aggarwal, Mrs Nitika Nagpal with students<br>Research project on Water Quality       | Associate Professor | 2 <sup>nd</sup> prize in Poster Presentation at National Science Day organised by INSA & Indian Academy of Science |
| 2017          | Ms. Sharmila Rathee  | Assistant Professor | Awarded international fellowship titled Americans disability act inclusive education fellowship                    |

### Ph. D. Awardees for 2017-18

| Ph.D. Awardee        | Supervisor         | Department                                 |
|----------------------|--------------------|--|
| Dr. Nidhi Gulati     | Prof. Poonam Batra | Education                                  |
| Dr. Renuka Malik     | Dr. Renu Arora     | Resource Management and Design Application |
| Dr. Sudha            | Dr. Charu Gupta    | Fabric and Apparel Science                 |
| Dr. Shraddha Chauhan | Dr. Bani T. Aeri   | Food and Nutrition                         |

## **Departmental Activities**

All the departments of the Institute are committed to offer programmes that create and disseminate knowledge strengthened dually by a rich academia and an extension interface. We believe in pedagogical innovations to inculcate creative thinking and problem-solving skills via a dynamic curriculum in an interactive learning environment. Departments are committed to impart new ideas, knowledge and vision of latest developments in the various fields of study and encourage overall holistic development, life skills, managerial, leadership, entrepreneurial, innovative and creative designing skills and vocational skills among the students.

Courses offered by various departments encourage students to realize their full potential. The purpose is to nurture globally competent, socially sensitive and ethically sound talent to be able to achieve success in all walks of life.

The faculty and departments of the college have been involved in organizing various academic as well as extra curricular activities throughout the year.

## **Department of Development Communication and Extension**

The Department of Development Communication and Extension and Journalism had a busy dynamic session 2017- 2018 and organised various activities. Seminars were organised with eminent international speakers such as Prof Arvind Singhal, University of Texas, and Prof. Devendra Sharma, California State University. A number of visits were organised to radio stations such as All India Radio (AIR) and RED FM. The department organised an event titled 'Ungendered: Homo Sapiens' on the issue of gender inequality to sensitize students. The faculty were able to work on diverse areas like Gender gaps, Digital literacy, Mobile Technology in health and agriculture, Climate change, Water insecurities, Violence against Women, FM Radio Channel and Grassroots Comics for safety and security of Women, and published in notable Journals such as International Journal of Movement Education and Social Sciences and Human Right International Research Journal. Research projects such as "Vulnerability of Women in India to Climate Change", "Opportunities and Challenges in Digital Literacy", and "Climate and Gender Smart Agricultural Practices" were undertaken. Faculty were member of the panel of Experts to select Casual Announcers (English) at The General Overseas Service, the External Services Division, All India Radio, for the voice test.

## **Department of Fabric and Apparel Science**

The Department of Fabric and Apparel Science organized various field visits, lectures, talks by eminent speakers and workshops for enhancement of the knowledge of the students. Students visited Amko Exports, a home textile unit where they saw the complete processing of home textiles. The students learnt about the process of weaving, wet processing, screen and roller printing, cutting, stitching, sampling as well as packaging and marketing. Students got an opportunity to see various machines like sewing, knitting, leather, embroidery, textile printing, packaging, consumable and spares, dyeing and laundry, furnishing, CAD/CAM, fabrics and accessories at EXPO-GARTECH, OKHLA NSIC. Students visited various fabric, trims and accessory markets and collected swatches/samples. Students did an 8 day Internship in Bureau Veritas where they worked in their textile testing laboratory. They gained understanding of how to use the various testing equipments and how is testing done in industry. Ms. Seema Mahajan gave her talk to post graduate students on

Present Scenario of Indian Apparel Industry. The students learnt about the current processes and functioning of industry. It was a great learning which helped them to gain a better understanding to plan their career, keeping in mind the current scenario and future prospects. Ms. Arushi Sharma gave her talk on Visual Merchandising. The talk provided in-depth knowledge about various aspects of marketing and merchandising. It was also explained how to start a brand and how to position it in the world of online marketing. Ms. Deepti Sethi conducted a course in Computer Aided Design (CAD) in which students learnt to use softwares like coral draw and photoshop for designing a product range. About 14 research papers were published by faculty members during this period.

### **Department of Food and Nutrition**

In the department of Food and Nutrition students of MSc Food and Nutrition students with specialization in clinical nutrition, Public Health Nutrition and Food Science and Post Graduate Diploma programme in Public Health Nutrition and Social Health and Gerontology were placed in various organizations like Tamana NGO, Indian Cancer Society, Delhi Branch, The George Institute of Global Health, Delhi, Shikha Sharma's Nutri health, Centre for Dietary Counselling-Ishi Khosla, Health Total-Anjali Mukherjee, Max Hospital, Fortis Aashlok hospital, Talwalkers, Society for applied studies, My22BMI, MFS Project at IHE, DU, Nutrikalp. MSc students were placed in various organizations for internship for a period of 1 month. The organisations included PEPSI-CO, PHFI, RIMS, BIS, NFI, NIPCCD, PRAYAS and FSSAI. Students pursuing post graduate courses were also taken for field visits to various places like Mid-day meal kitchen (Strishakti), Public health centre, SAM unit of Kalavati Saran hospital, Maruti Udyog and Britannia Industries. Workshops and seminars were conducted by the department on "Future prospects in the area of Public Nutrition and Food Industry", "Thinking creatively on Nutrition in India", "Food Safety" and "Challenges and role of food, nutrition and related technologies - opportunities ahead". BSc Food technology and MSc Food Science and Processing (Group C) students visited Nestle factory, Samalkha where they were exposed to the production and processing techniques adopted during the preparation of baby foods.

### **Department of Human Development and Childhood Studies**

The Department of Human Development and Childhood Studies has contributed tremendously in nation building by developing professionals who have worked with passion and commitment with children and women, ranging from working at the grassroots, with international organizations, starting their own organisations or at the policy making and programme implementation. Their exposure to various subjects hones them towards excelling in the field of human/child development. This has been possible due to the rich exposure and multifarious inputs which the department works hard to provide so as to enthuse in them passion for the subject and lay in them foundations for commitment for lifelong service towards human resource and national development. In the quest to impart holistic perspectives to students, the department regularly organizes various workshops, talks and visits for the students. The department celebrated its Academic Fest "Wellbeing and You". It was attended by students of the department across semesters. Various lectures and workshops were organized to celebrate self and the movement towards a positive wellbeing.

The department has collaborated with various organizations working in the field of child rights, human rights, gender, education, disability, adolescent well-being and mental health issues. Resource persons from these organizations are invited for workshops and sessions periodically to benefit the students. Students are also taken for visits to these organizations to gain an insight of the ground realities and develop a deeper understanding of the subject matter. The organizations include AADI, Action for Autism, Akshay Pratishthan, Bal Sahyog, Breakthrough, Deepalaya, Manas Foundation, Manzil, Mittika, National Association for Blind, National Human Rights Commission, Prayas, Prism counseling, Rahi Foundation, TARSHI, Vocational Teacher Training Institute. Students AADI and Akshay Pratishthan as part of their Children with Disabilities practical. Visits were also organized for students of the 4<sup>th</sup> Sem (Hons) to Prayas and Deepalaya as part of their “Child Rights” practical.

### **Extension and Outreach Activities**

The lab school of the department, Aarambh, has been extending its services to little children in the neighbourhood since 1996. The school caters to middle socio-economic strata and the economically weaker sections (EWS category) as well as children with special needs. The school offers Playschool and Day-care services for children between 2-3 years of age, summer camps, winter camps, afterschool programme and workshops for parents. Aarambh also provides internship opportunities to students from IHE, IGNOU, NIOS, Vocational Teacher Training College and Ambedkar University. Aarambh can now be easily accessed at its website (<http://www.aarambhplayschool-ihe.com>)

Dr Geeta Chopra’s work on Training Grassroot workers on Early Detection of childhood disabilities and developing Inclusive anganwadis has been adopted by Ministry of Women and Child Development for training of anganwadi workers of ICDS scheme. She was also member, committee of experts to draft the ECCE training curriculum of anganwadi workers of J&K Government. This work is likely to impact the lives of millions of children with disabilities in poor resource settings.

### **Department of Resource Management and Design Application**

The Department of Resource Management and Design Application is committed to imparting new ideas, knowledge and vision of latest developments in the field of management and designing. It offers multidisciplinary education and enables the students to be equipped to respond to the dynamic and ever-changing requirements of the industry. Apart from regular academics, different activities like lecturers, workshops and field visits were organized for fostering academic excellence amongst students. Educational field visits to Technology and Action for Rural Advancement (TARA) and The Energy and Research Institute (TERI Gram) were organized by the department to make students aware of the existing environment issues and innovative ways of achieving sustainable development. The visits provided the students with valuable insight into Waste Paper Recycling, Self-Sustainable Habitat, Smart Grid and Solar charging stations, Root Zone-Waste Water Management, Bio-Mass Gasifier and MTP- Bio technologies Labs etc. The Eco-club of the department ‘Prakritik’ organized several activities including Cleanliness Drive, Plantation Drive and Safe Holi Campaigns to strengthen Swatch Bharat Abhiyan. These visits and drives motivated students to adapt sustainable practices in their daily lives and move towards sustainable future. A workshop on ‘Designing mood-boards in Interior’ was organized in collaboration with Pearl Academy to provide students practical ‘hands-on’ approach in understanding various styling elements in interiors. An interactive session on “Effective Training Methodologies” was conducted

by Mr. Roshan Suhail, Founder and Lead Trainer, Speak India. In order to develop entrepreneurial skills among students, another session on Soft-skills development was organised in collaboration with Confederation of Women Entrepreneurs (COWE). The Department celebrated its academic day 'Oracle' on 25 th October, 2017 with the theme 'Fostering Innopreneurship', fusion of innovation and entrepreneurship. The key highlights of the day were keynote address by Prof. Sharad Sinha, Head, RMSA Project Cell, NCERT. She encouraged students to think innovatively and out of the box to augment creativity amongst them. Further, Ms. Dharna Jha, Director, ADZ Pvt. Ltd. discussed her entrepreneurial journey with the students. Apart from this, various competitions were organized for the students as part of academic day. Also, an alumni meet 'ROSA' was organized in which distinguished alumni of department shared their journey, experiences and scope of RMDA with current batch students.

### **Department of Elementary Education**

The Department of Elementary Education organised various workshops, talks and visits for the students to enhance their learning from the field.

1. The B.El.Ed III year students and faculty visited Digantar in January 2018 and learnt for innovation in teaching-learning from the rural contexts of Jaipur.
2. The B.El.Ed. III year students and faculty visited OELP and Barefoot , Ajmer from 11-16 November 2018. These are non-governmental organizations that work for innovation in teaching-learning, research for education in rural parts of Ajmer. The students visited various centers around Ajmer and also planned activities for children in these areas.
3. Self- development workshops were organized for the 2 nd year students at Gnostic Center, Uttarakhand and college premises.
4. Students learnt and contributed for the cause of environmental diversity and protection by their visit to Aravali Biodiversity park and expert session by Sharmila Sinha from 'I am Gurgaon' organization.
- 5 The first year students were taken for a visit to craft Museum and Mela to understand weavers perspectives and slum visits in Vasant Kunj area for understanding social realities.
- 6 B.El.Ed. students participated in the event "Matrix" organized by Mathematical Education Society in Oct. 2018.
- 7 A workshop on Integrated planning was organized for 4 th year students. Resource person from Mirambika conducted the full day workshop and provided exposure to planning through games, experiments and self reflecting activities.
- 8 The Workshop on issues of child sexual abuse and how to deal with expression of sexuality and violence in school was conducted by "TARISHI" for the Students and teachers.
- 9 For placement of B.El.Ed fourth year students various schools - Ark Foundation, Pathways, Heritage and Presidium were invited for campus placements.

### **Faculty involved as resource persons/experts**

Various faculty members from the department are frequently invited as resource persons or experts.

1. Dr. Nidhi Gulati was the Team Member, Course-Team, Certificate course on Childhood, Children & learning and Special needs. Eklavya. Offered to field level workers across India, 2017-2018. Responsible for course design, curriculum, teaching-learning, mentoring and assessment.

Two week-long residential workshops were organized in October 2017 and February 2018. She was also a Panelist on Workshop on 'Is My Child Gifted?', Cluster Innovation Centre, University of Delhi; October 2017.

2. Dr. Jyoti Dalal was Invited to conduct Education Studies and Internship sessions with the teacher educator from Meghalaya, 8th-12th May, 2017 at the Department of Education, University of Delhi as part of their Faculty Development Programme. She was also invited to undertake workshop on 'Emerging Masculinities: Mapping on Gender Terrain' at Andhra school, Delhi in collaboration with ASHI organization on 24 th October, 2017. Dr. Dalal organized a workshop on 'Negotiating Gendered Identities: Exploring the Possibilities for Love and Empathy' at Scholar Roasary school on 13th December, 2017. She was Convenor of Faculty Development Programme for 44 teacher educators from Meghalaya, 8th-12th May, 2017 at the Department of Education, University of Delhi.

3. Dr. Sunita Mishra was invited as chief guest at The Child Montessori, Chennai, a pre-primary school following innovative pedagogy in Jan 2018.

4. Dr. Mamta Singhal was invited as Resource person on science pedagogy in the faculty development program for Meghalaya teachers organized by RRC (May 2017)

5. Dr. Ruchira Das was invited as resource person for the faculty development programme for teacher educators of Meghalaya as part of the D.El.Ed curriculum, 2017 Meghalaya, 8th-12<sup>th</sup> May, 2017 at the Department of Education, University of Delhi as part of their Faculty Development Programme.

6. Ms. Sharmila Rathee organised (also in position of key resource person) series of workshop for school teachers at M.C.D. schools and The Heritage School, Vasant Kunj, on Universal Design for Learning.

7. Ms. Swati Sehgal was invited as resource person for Pedagogy of English Language, Faculty Development Programme, organized by RRCEE for DIET Faculty of Meghalaya 8th - 12<sup>th</sup> May 2017

8. Ms. Deepti Saini was invited as resource person for sessions on Child Development for middle school science teachers organised by Eklavya in partnership with Tribal Development Department, Maharashtra held at Nashik from 19th to 22nd March, 2018. She was also invited as resource person for sessions on Child Development for middle school science teachers organised by Eklavya in partnership with Tribal Development Department, Maharashtra held at Amravati from 6th to 9th July, 2018.

9. Ms. Chandra Tiwari was invited as resource Person for Workshop at CIET, NCERT, "Development of ICT content for Teachers" June 2017.

### **Department Of Biochemistry**

1. The Department organized the 3rd technical two day national workshop "Introduction to Clinical Biochemistry" on 27th-28th August 2018. The workshop was attended by MSc (Foods and Nutrition) from Manav Rachna University, and IGNOU.

2. Department of Biochemistry organized a one day workshop "Introduction to Bioinformatics and its applications" on 2 nd February 2018 for 2 nd year BSc (Hons) biochemistry students

3. The Department with People for Ethical Treatment of Animals (PETA) organized a two day international symposium "Replacing Regulatory Experiments On Animals: Introduction to In Silico

Models and In Vitro Test Methods” on 26-27 October 2017. It was attended by post graduate and graduate students from Jamia Hamdard, and other colleges of Delhi University.

4. The Department organized a 2nd technical two-day national workshop “Introduction to Clinical Biochemistry” on 12-13 September 2017. The workshop was attended by MSc (Foods and Nutrition) from IHE, and IGNOU; Btech (biotechnology students and BSc Life sciences from Kalindi College.

Various visits were organized. 1) Students of 6 th semester were taken to National Institute of Immunology, New Delhi in January 2018. They gained knowledge about the functionality of different types of microscopes— confocal microscope, TEM, SEM and Fluorescent microscopes . They visited different laboratories working on protein chemistry, molecular biology related with different diseases like cancer, leishmaniosis. 2) Students of Sem II went to Mughal Garden as a part of EVS curriculum during March 2108.

### **Department of Biology**

The department organized two Educational Field visits

1. Educational Trip to National Science Centre was organized for B.Sc. (Hons) Food Technology 1<sup>st</sup> year students by Department of Biology (Institute of Home Economics) as a part of their Curriculum on 20<sup>th</sup> September 2017.

2. Educational Trip for B. Sc (Pass) Home Science 1<sup>st</sup> year students to National Science centre on 23<sup>rd</sup> September 2017 as a part of their Curriculum.

### **Department of Microbiology**

Department of microbiology celebrated its 25 th year of existence in the Institute by organizing a 2 day conference “Microbiology Current Challenges and Future Trends” in January 2018. As part of star college Scheme of DBT, plethora of activities were organized throughout the year. Talks by eminent scientists were arranged on topics of present day concern. Besides providing hands on experiences to students on ‘Bioinformatics’ and ‘FACS’, visits were arranged to Translational Health Science and Technology Institute (THSTI), Faridabad and IARI. Students of IIIrd year were involved in small projects in groups. Suruchi and Nimisha (B.Sc Microbiology Part III) received 2 nd prize in National science Day organized by INSA Indian Academy of Science for their research project on Water Quality. Various intercollege competitions like Poster, Rangoli, Just a minute were held. To prepare students for future challenges, 8-module programme ‘Life is a Game Play it’ by Sri Sathya sai Seva organization was arranged. The faculty participated in different conferences and also published various research papers and chapters in books.

The Department organized various visits.

1. Visit by 2<sup>nd</sup> year students to Department of Microbiology, Ram Lal Manohar Hospital
2. Visit by 3<sup>rd</sup> year students to open day organized by THSTI, Faridabad
3. Visit by 2<sup>nd</sup> year students to Department of Microbiology & Centre of blue green algae IARI, New Delhi.
4. Visit by 3<sup>rd</sup> year students to JNU

### **Department of Physical Education and Sports Sciences**

An exciting and fun filled Sports Fest ‘Enthusia’, the second Annual Sports Fest 2017-18 has been the major highlight of the year. Inter house Basketball, Table Tennis, Badminton and Chess,

Athletic events and fun races for students and staff members were conducted. This year also, IHE Invitational Inter-college basketball tournament, Yoga Championship and Sports Debate competition has been organized. It was two days sports festival that emphasized on imparting an all-round sporting and recreational experience to every student and staff member. Over five hundred participants from different institutions of the Delhi had participated and made the event grand success. Eminent sports personalities and experts were invited to inspire the students with their diverse and enriching experience.

#### Achievements of the Year

1. Anjali Gaur □ won gold medal in delhi university inter- college taekwondo tournament 2016- 17. She represented Delhi University at the All India Inter-University Taekwondo Tournament 2017 held at MDU Rohtak.
2. Garima Tokas won a gold medal in Delhi University inter- college judo tournament 2017-18 and secured 1st position in junior national judo championship 2017-18. She participated in all india inter university judo championship 2017-18.
3. Drishty won a gold medal at district level in basketball, khel mahakumbh 2017.
4. Mona Hooda won a gold medal at district level in boxing championship 2017-18
5. The yoga team won gold medal in Delhi state yoga sports championship held at Maharaja Agrasen Institute of Management and Technology on 15 th october' 2017.

#### Co-Scholastic Activities

Co-scholastic activities are an integral part of our functioning. All the student societies of the Institute are actively engaged in various cultural events and have brought many laurels to the college.

#### Feria 2018

The annual cultural festival 'Feria' was organized by the Student's Union. It was a two day event held on 27th and 28th February 2018. About a 100 colleges were invited to be part of the festival for participating in various events like music, dance, fashion show, dramatics, creative writing, face painting, rangoli, photography, and talent hunt. The entire campus was festive and numerous stalls for food, clothing, footwear, jewellery, and other accessories added to the event.

The event was a success as a result of our esteemed sponsors like Pulse, IILM, Coca Cola, Uber, Fresca, Oye(104.8), Airtel, SBI, Honda, VLCC, Lakme Academy and many others.

#### College Societies

##### Eleganza

Eleganza, The Western Dance Society of IHE was formerly known as Zion and was founded in the year 2011. The society is well known in the Delhi Dance Circuit for its entertaining and energetic performances. The society incorporates different dance styles like jazz, contemporary, bollywood, house, wacking etc in their sequences. They have performed for the Apple and NDTV News and conducted Flashmobs for various companies.

##### Achievements

1. Third position at Vivekanand Institute of Professional Studies (VIPS)

2. Second position at Bharatiya Vidya Bhavan Usha and Lakshmi Mittal Institute of Management (BULMIM)
3. First position at Xaviers Institute, Jabalpur
4. Special Mention at Galgotias Institute and BITS Pilani
5. The members have won many positions in solo dance competitions at Xaviers Institute, Jabalpur, -Delhi college of Arts and Commerce, Institute of management technology.

### **Iridescence**

The Arts Society of IHE, Iridescence, encourages its members to create something that is unique and really stands out, the goal is to push them and let them discover their artistic sides that they have never seen in themselves before. The society aims to make people see how art is all around them, in everything they see, in every soul that they meet. Nobody is a born artist, but we can teach ourselves to be one. Every year, new creative members are added to the society. They practice different art forms like poster making, rangoli making, face painting, shoe painting, sketching/painting, calligraphy, photography and many more. From the beautification of college during all the programs to organizing numerous competitions during the college's annual cultural fest- FERIA, the society provides a platform for all the members to showcase their skills. Iridescence looks forward to provide a platform to not only the members of the society, but also all the students of the college, to showcase their talent and earn much deserved recognition. Moreover, it plans to organize as many art and craft workshops as possible in the near future. Although the Arts Society is quite young, it has participated in many competitions and bagged many prizes. The members have showcased their talent in poster making, newspaper dressing, rangoli making and T-shirt redesigning and the cultural fest of DCAC (DU), Hindu College, Hansraj College and many more. Recently, the members of our society participated in Poster Making competition organized by IITM and in the Art Fiesta organized by Vivekananda Institute of Professional Studies (IP University). Around 4000 students from different colleges participated in the events like rangoli making, sketching/painting, calligraphy, and digital art, face painting any many more. Members get an opportunity to display their artwork in different exhibitions conducted in colleges.

### **Achievements**

1. Amruta and Aditi Srivastava won 1st position in Poster Making competition at Institute of Innovation in Technology Management (IITM)
2. Divya and Shreya won 3rd position in 'Breaking the Code' at Birla Institute of Management and Technology.
3. Charu and Nisha won 2nd position in ceramic plate and glass painting competition at Lady Sriram College.
4. Jessica Madaan won 1st position in Poster Making competition at Guru Gobin Singh Indraprasth University (GGSIPU).

### **Muzahira**

Muzahira, the literary and debating society of IHE, was established in 2014 with just 8 members. Today, they are a proud team of 21 members, working together as a team to create awareness about issues concerning the world as a whole, with just words and unwavering voices. They are active participants in inter college and inter university events like MUNs, debates, open mics, quizzes,

poetry and creative writing competitions. Members of Muzahira attend NDTV talk shows, TED events and Youth Conferences. The society through constant development, has not just won various accolades for the college but has also annually organized intra college and inter college debates, quizzes, open mics. With a single motto of change with expression, they intend to contribute to the betterment of the world and continue the progress. One of our members, Ms. Rajshree has recently written a book, which is a proud moment for a society.

### **Achievements**

1. Rajashree won 2nd prize in online creative writing competition at Hansraj college
2. Rajashree, Preeksha, Anamika, and Tanya won 1st prize in Debate (best team, best speakers, best interjector) at IHE (sports debate)
3. Preeksha and Anamika won 1st prize in Debate (best team) at Institute of Innovation in Technology Management (IITM).
4. Akriti won the prize for best speaker at inter college competition debate in Gargi College.
5. Akriti won the prize for best speaker at inter college competition debate in Sri Venkateshwara College.
6. Declared as the 'Best Debating Society' amongst all Delhi-NCR colleges in 2016 by The Education Tree.

### **Navrang**

The Theatre Society of IHE aims to bring awareness on social issues that plague our society. We believe that each individual can bring a massive change in the society, and aspire to create a ripple effect.

Six street productions and six stage productions have been put forth by our society. Navrang have bagged over a 100 accolades, collaborated with NGO's and have given numerous public performances. Some of their biggest accomplishments are: Best street production, stage production and display at SKP. Two consecutive first prizes in Sagar Nagpal Memorial Nukkad Natak Competition. First prize at Youth Nexus Festival, Madari, Udaan for our various street play productions, second prize at BITS Pilani for our stage production and first for our street production and second prize at AIIMS for our street production.

### **Achievements**

2017

\* Winners at :-

Sahitya Kala Parishad, Madari bu Delhi University Students Union, Ramanujan College, Ambedkar University, Atma Ram Sanatan Dharma College, Shaheed Bhagat Singh College, Bhai Parmanad College, Vivekanad College, Bharatiya Vidyapeeth, Amity School of Business, Bhim Rao Ambedkar College, Faculty at Management Studies, Delhi College of Arts & Commerce, School of Inspired Leadership, Jahan Institute of Management Studies, Ambedkar Institute of Advanced Communication Technologies and Research, Story Mirror Festival.

\*1st Runners up:-

Maharaja Agrasen Institute of Management, Zakir Hussain College, Rajguru College, Rajdhani College, Aryabhatta College, North Cap University, Dyal Singh Evening College, Deen Dyal Upadhyay College, Shyama Prasad Mukherjee College, Lal Bahadur Shastri Institute of

Management.

\*2nd Runners up:-

Pannalal Girdharlal Dayanand Anglo Vedic College, Sri Guru Nanak Dev Khalsa College.

2018

\* First Runners Up:-

Shri Ram College of Commerce, National Organ Donation & Tissue Organisation, School of Inspired Leadership, Pannalal Girdharlal Dayanand Anglo Vedic College, Vivekananda Institute of Professional Studies (Street), Vivekananda Institute of Professional Studies (Stage), Atma Ram Sanatan Dharma college, Jamia Hamdard, Satyawati College, Udaan Youth Fest, Shivaji College, Jaipuria School of Business, Amity University, New Delhi Institute of Management (BBA Department), Indian Institute of Technology Delhi, North Cap University.

\*First Runners:-

Pannalal Girdharlal Dayanand Anglo Vedic College (NSS), Georgians Global Service Forum, Jaago Re, Lal Bahadur Shastri Institute of Management (Stage), Kalindi College, New Delhi Institute of Management (MBA Department), ITS Ghaziabad.

\*2nd runners up:-

Sri Guru Nanak Dev Khalsa College, Pannalal Girdharlal Dayanand Anglo Vedic College (Evening)

## **Poise**

'Poise' a word that reflects elegance, charisma and sheer beauty. The fashion society of Institute of Home Economics, POISE, has left no stone unturned in the past years to beat all odds and be counted as one of the best societies of Delhi University. Not just Delhi, Poise made a mark wherever it went, be it colleges in Jaipur, Punjab, Haryana, Pilani or Goa. Hardwork is the key to success and the team members have proved it, performing at shows on a daily basis, sometimes even two competitions in one day while winning them all. Apart from the models, the creative team has been the backbone of the society, handling everything, from the backstage props to makeup and dresses. Bringing justice to the society name and reputation, every year the society and its members work out a new theme to perform on based on the raging topics in the country. Last year's theme, "Palace of Illusions" depicted Mahabharata from Draupadi's point of view; how she was born into the man's world and yet overcame all obstacles with Lord Krishna's blessings and emerged victorious.

## **Achievements**

The Team won 1<sup>st</sup> prize at

1. Chitkara baddi
2. Technia Institute of advanced studies
3. Ramanujan College
4. IGTUW (Indira Gandhi Delhi Technical University for Women)
5. JIIT Noida (Jaypee Institute of Information Technology)
6. Symbiosis law school
7. Kamala Nehru College
8. Maharaja Agrasen Institute of Management Studies
9. Jamia Milia Islamia University

10. University Colleges Of Medical Sciences

11. NIIT, Neemrana

Won 1st runners up at

1. Bimtech Noida
2. LBSIM (Lal Bahadur Shastri Institute of Management)
3. Deshbandhu College
4. Zakir Hussain College
5. World University of Design
6. Daulat Ram College
7. Hindu College
8. Jamia Milia Islamia University (Tourism Department fest)
9. IIT Delhi

2nd runners up at

1. VIPS (Vivekanand Institute Of Professional Studies)

Best wardrobe at

1. Shivaji College and College of Vocational Studies.

### **Tarkaas**

Tarkaas (the wooden flute) is the Indian classical music society of IHE (DU). Hina Fatima started working with just a word in the beginning. Then musicians trusted this word and made it a society. Mr. Deepak Singh was the ceiling of this kachcha house. He taught the compositions 'charukeshi, kirwani, ahir bhairav' which ultimately gave the society, a reputed position. There was only hard work and interest, which made tarkaas stand out in top 10 society of Delhi university in just one year. We grabbed positions in 2014-2015 and then in 2015-2016. New members added this year made the society grow amongst the likes of already famous Indian classical music society of University of Delhi. Innumerable hours of riyaz, made the society stand out

### **Achievements**

The team won the following prizes

1. First prize at IIT Delhi, AIIMS, SGTB, NSIT, GTBIT.
2. Second prize they won from Ambedkar, DTU, IP College.
3. Third prize Maitrayi College, PGDAV, DCAC.

The team got first position at the MECCA and ULLAS fest too.

Their accomplishments include Raag Sagar (2017-2018) which includes raag Bhatiyaar, Ahir Bhairav, Kirwani, Jog, Dhani Bhimpalasi, Madhuvanti, Kalawati, Basant Bahar, and Mishr Bhairavi with jhaptaal, ek taal, rupak and teen taal.

## **NSS**

With an objective of working towards community betterment, the NSS unit of IHE worked steadfastly in the academic session 2017-18. While 100 volunteers of college have actively participated in various NSS activities, 41 volunteers are registered with NSS center and have their personal diary/registration number. NSS activities involved working with the community, markets, metro stations, NGOs, schools and college students. There were various themes on which the NSS unit worked at monthly, fortnightly as well as on weekly basis. Some of these events were Swachhta Pakhwara, Unity week, VISAKA Campaign and so on. Their objectives were cleanliness of college, welfare agencies, metro stations, railways stations and other public places. As part of Visaka campaign, digital literacy was taken up and shopkeepers of nearby market were educated and mobilized for adopting digital payments. Several health issues related to tobacco effects, cancer, importance of fitness through yoga were also taken up. The NSS unit also served as a forum for election office for getting voter cards made for students and other people of community. While mobilizing students and the community through rallies, campaigns, and competitions, the NSS unit also helped in the registration for the voter card during the Matdatta Mahotsav. Several events related to environment and ecology were also organized. Associations with several NGOs were also maintained as they encouraged students to participate in various community betterment activities. To mobilize students, the NSS unit organized several essay writing, slogans and poster making competitions for several events like International Yoga Day, Dry Tobacco day, NSS day, World Environment Day, World Water Day and so on.

### **Students participated in various extension activities with Government and Non-Government Organisations and programmes during the academic year.**

The student body participated in various extension activities through internships and volunteering programmes. These were as follows:

1. Institute of Home Economics, Break through Mission Vriksha Unnati Shiksha Kendra, Ramagya Foundation, and SPYM were collaborators for providing an internship to students of communication.
2. Cleanliness Drive, Plantation Drive and Safe Holi Campaign was conducted by Resource Management students under the Swachh Bharat Abhiyaan that was organized by the Eco Club sanctioned by the Department of Environment, Government of Delhi.
3. Participation by students pursuing postgraduate diploma in Health and Social Gerontology in Elderly Day celebrations in collaboration with NGO- Anugraha
4. Gerontology students also visited Helpage India to understand the setup of an old age home and volunteered to work in various activities and programs organised for elders.
5. Students of Gerontology visited the National Institute of Social Defence, Ministry of Social Justice & Empowerment, Government of India and participated in various competitions.
6. A training programme on digital literacy for urban poor women was carried out by Department of Development Communication and Extension funded by Ministry of Women and child Development, GOI, conducted in collaboration with Gender Resource Centres in Delhi

## Faculty as Experts on Panels of Organizations

| Name of the teacher  | Panel/Organization   | Year         |
|--|--|--------------|
| <b>Director, Institute of Home Economics</b>                 |  |              |
| Dr. Geeta Trilok-Kumar                                       | Member, Scientific Advisory Committee, National Agri-Food Biotechnology Institute (NABI)   | 2016-2019    |
| Dr. Geeta Trilok-Kumar                                       | Member, Technical Advisory Group, Comprehensive National Nutrition Survey, MOHFW, Government of India  | 2016 to date |
| Dr. Geeta Trilok-Kumar                                       | Member, Steering Committee for Technical and Financial Review of Proposal under DBT-Canadian Institute of Health Research led Indo-Canadian proposal   | 2017         |
| Dr. Geeta Trilok-Kumar                                       | Invited expert for Indo-French Workshop on Scientific Cooperation for Agricultural Research  | 2016 to date |
| Dr. Geeta Trilok-Kumar                                       | Member of UK-Research Initiative & Reviewer of Medical research Council, UK and other UK Grants  | 2017 to date |
| Dr. Geeta Trilok-Kumar                                       | Member, Screening Committee under Grant in Aid Scheme of Department of Health research, Ministry of Health and Family Welfare, Government of India.  | 2016-2019    |
| Dr. Geeta Trilok-Kumar                                       | Member, Scientific Advisory Committee, National Institute of Nutrition   | 2018 to date |
| Dr. Geeta Trilok-Kumar                                       | Reviewer of ICMR proposals under cdac  |              |
| Dr. Geeta Trilok-Kumar                                       | Reviewer of DBT proposals under epromis  |              |
| Dr. Geeta Trilok-Kumar                                       | Reviewer of SERB proposals, DST  |              |
| Dr. Geeta Trilok-Kumar                                       | Member, Task Force on Nutrition, ICMR  |              |
| <b>Department of Development Communication and Extension</b> |  |              |
| Dr. Parveen Pannu  | Member of the Panel of experts to select Casual Announcers (English) at The General Overseas Service of the External Services Division of All India Radio on August 3, 2017 for the voice test and subsequent interview of those who pass the audition test. | 2017         |
| <b>Department of Food and Nutrition</b>                      |  |              |
| Dr. Seema Puri   | Member, Scientific Panel on Labelling/Claims and advertisements, FSSAI   | 2017 to date |
| Dr. Seema Puri   | Member of the governing council of the National Dairy Development Board's Foundation for Nutrition   | 2017 to date |
| Dr. Seema Puri   | Member, Scientific Panel on sweets, confectionary, sweetenrs, sugar and honey, FSSAI   | 2018 to date |
| Dr. Seema Puri   | National Vice Prsident, Indian Dietetic Association  | 2015-2018    |
| Dr. Seema Puri   | India Representative, Asian Federation of Dietetic Associations  | 2015-2018    |
| Dr. Seema Puri   | Associate Editor, International Journal of Home Economics  | 2010 to date |
| Dr. Seema Puri   | Member, South Asian Infant Feeding Network   | 2012 to date |
| Dr. Seema Puri   | Project Review Committees of ICMR, and DST   | 2010 to date |
| Dr. Seema Puri   | Technical Expert on Delhi Government Committees on Mid-Day Meal and ICDS   | 2010 to date |

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|--|---|-------------------|
| Dr. Seema Puri   | Member, Expert Panel to establish a Global Dietary Recommendation for Pulse Consumption   | 2015 to date      |
| <b>Department of Human Development and Childhood Studies</b> |   |                   |
| Dr. Renu Gulati  | Member of the managing committee of various Schools under the Delhi Public School Society   | 2017 to date      |
| Dr. Renu Gulati  | Member, advisory board for early childhood education, DPSS.   | 2006 to date      |
| Dr. Renu Gulati  | Member, advisory board, CSR, 'Sonalika'   | 2017 to date      |
| Dr. Renu Gulati  | Consultant for Counselling of Delhi Police Personnel and their families (Police Family Welfare Association)   | 2016 to date      |
| Dr. Geeta Chopra   | Member Expert group for Ambedkar University for designing B.Voc course on Early Childhood Care Management and Education   | Jan, 2017-to date |
| Dr. Geeta Chopra   | Member, Committee for drafting the AWWs Training Curriculum and ECCE Module for National Level ICDS, MWCD, GOI  | (July-Sept, 2017  |
| Dr. Geeta Chopra   | Member Expert Group for developing ECCE Training Module for ICDS, J&K Government. Writer of some sessions and overall editor of the J&K Module.   | April- Oct, 2017  |
| Dr. Geeta Chopra   | ECCE expert for Nandghar initiative of ILFS-Vedanta group   | Oct-Nov, 2017     |
| Dr. Geeta Chopra   | Member Working Group National Trust for persons with Disabilities, GOI for Implementation of Integrated Early Intervention Programme for children with disabilities (birth- 6 years) in the country | July 2017 onwards |
| Dr. Veenu Wadhwa   | Have been a 'Consultant' to 'Gramin Shiksha Kendra' a school for the underprivileged community in Sawai Madhopur, Rajasthan   | 2003 to date      |
| Dr. Veenu Wadhwa   | Consultant for Counselling of Delhi Police Personnel and their families (Police Family Welfare Association)   | 2016 to date      |
| <b>Department of Elementary Education</b>                    |   |                   |
| Dr. Nidhi Gulati   | Team Member, Course Team, Certificate Course on Childhood, Children, Learning and Special Needs. Eklavya  | 2017              |
| <b>Department of Biochemistry</b>                            |   |                   |
| Dr Bhupender Kumar   | Member, Editorial board of World Journal of Diabetes  | 2017              |
| <b>Department of Physiology and Promotive Health</b>         |   |                   |
| Dr. Manjula Suri   | Expert for Ph.D. and PG Diploma thesis at the Department of Physiology, AIIMS, New Delhi, and KMM Academy of Health Sciences  |                   |

**ResearchPaper Publications/ in Journals/Books/Chapters in books during 2017-18**

| Title of the paper  | Name of the author   | Title of the journal   | Year of publication |
|---|--|--|---------------------|
| <b>Director, Institute of Home Economics</b>  |  |  |                     |
| Zinc Content of Cereals and Pulses in Delhi.  | Gupta, S., Arora, K. and Trilok-Kumar, G.  | The Indian Journal of Nutrition and Dietetics  | 2018                |
| Vitamin D supplementation to prevent acute respiratory tract infections: systematic review and meta-analysis of individual participant data | Martineau AR, Trilok-Kumar, G.   | BMJ  | 2017                |
| Association of mitochondrial copy number variation and T16189C polymorphism with colorectal cancer in North Indian population               | Kumar, B., Bhat, Z.I., Bansal, S., Saini, S., Naseem, A., Khushnumawahabi, Burman, A., Trilok-Kumar, G., Singh, S., Saluja, M. Rizvi, M.A. | Tumor Biology  | November 2017       |
| <b>Department Of Development Communication and Extension</b>  |  |  |                     |
| Gender Differentials in the use of ICTs for Development: Glimpses from Rural India.   | Aggarwal, S., Sharma, A., Punhani, G.  | International Journal of Movement Education and Social Sciences, 7 Spl Issue 1 ISSN: 2278--793               | 2018                |
| Access of Rural Poor to Health Care: A Case Study of Himachal Pradesh.  | Aggarwal, S., Sharma, A., Punhani, G.  | Human Rights International Research Journal 6 ISSN: 2320-6942.   | 2018                |
| Are Climate Smart Agriculture Technologies Gender Smart? An In-Depth Analysis Using Gender Analysis Frameworks                              | Aggarwal, S., Upadhayay, A., Punhani, G.   | Human Rights International Research Journal Vol. 6 ISSN: 2320-6942   | 2018                |
| Gender gaps in Digital Literacy: Perspective of urban rural space.  | Aggarwal, S., Goswami, S., Nayyar, T., Kumar, K.   | International Journal of Movement Education and Social Sciences 7 (spl Issue 1), pp 219-226. ISSN 2278-0793. | 2018                |
| Quantifying status of women & men in India at the sub-national  | Aggarwal, S., Kher, J., Punhani, G.  | Indian Journal of Human Development. Vol 11 (3) ISSN: 0973-7030  | 2017                |
| Online Activism on Violence Against Women in India.   | Pannu, P., Mirani, S., Malhotra, C.  | Sustainable Development of Women. 345-354.   | 2018                |

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|---|--------------------------------------|--|------|
| Interface of Mobile Technology in Health and Agriculture: Reflections from the Field.   | Pannu, P., Dalal, J., Yadav, N.      | Sustainable Development of Women. 600-610  | 2018 |
| Analysis of Female Foeticide Related News Coverage in Indian Daily Newspapers.  | Pannu, P., and Kaur, M.              | Human Rights International Research Journal. 6 (Special Edition) 224-227                               | 2018 |
| Integration of News Broadcast in Commercial FM Channels: A Radio Revolution   | Azad, Y., and Kaur, P.               | Human Rights International research Journal, Biannual Referred Journal                                 | 2018 |
| Women Empowerment through media education: Transforming spectators to change makers   | Azad, Y., and Kaur, B.               | English Studies International Research Journal   | 2018 |
| Study of social messages on FM Radio Channels.  | Azad, Y., and Kaur, P.               | Social Sciences International Research Journal Vol 3 Issue 2 ISSN 2395-0544                            | 2018 |
| Convergence of Social Media and Radio   | Azad, Y., and Kaur, P.               | Business Science International research Journal  | 2017 |
| Grassroots Comics for Safety and Security of Women: An exploratory Study of Using Participatory Approaches for Spreading Awareness. | Vaid, N. and Gupta, M.               | Human Rights International Research Journal Vol 6 ISSN: 2320-6942                                      | 2018 |
| Climate change and Water insecurities: Impacts on women.  | Kher, J., and Aggarwal, S.           | International Journal of Movement Education and Social Science. Vol 7, special issue 1 ISSN: 2278-0793 | 2018 |
| The gendered impacts of climate change: Case studies from Asia & Africa.  | Kher, J., Chakravarty, S., Tomar, R. | Human Rights. International Research Journal. Vol. 6. (Special Issue Feb, 2018)                        | 2018 |
| Homosexuality in Onir's Cinema: A representation and analysis of semiotics and reception  | Kaur, B., and Kaur, P.               | English Studies International Research Journal   | 2018 |
| Drug addiction and juvenile delinquency – an exploratory study of vulnerable youth in Delhi,  | Gupta, M.                            | Human Rights International Research Journal  | 2018 |
| Grassroots comics for safety and security of women – an exploratory study of using  | Gupta, M                             | Human Rights International Research Journal  | 2018 |

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| participatory approaches for spreading awareness   |  |   |      |
| Access of Rural Poor to Health care: A Case Study of Himachal Pradesh  | Sharma, A., Aggarwal, S.                 | Proceedings of the International Conference on Human Rights, Gender Studies, Law and Social Sciences. (ASH-2018) Chandigarh. ISBN: 978-93-87793-08-8                      | 2018 |
| Greenways: A Book on Environmental Studies Class 5   | Sandra, M.A., Karen, Y.T., Gera, N.V.    | Greenways: A Book on Environmental Studies Class 5, Shahdara, new Delhi: Rohan Book Company Pvt Ltd ISBN: 978-81-7826-564-8   | 2018 |
| Greenways: A Book on Environmental Studies Class 4   | Sandra, M.A., Karen, Y.T., Gera, N.V.    | Greenways: A Book on Environmental Studies Class 5, Shahdara, new Delhi: Rohan Book Company Pvt Ltd ISBN: 978-81-7826-564-8   | 2018 |
| 'Adaptive Capacity of Marginalized Urban Women to Climate Change'  | Saini, S., Aggarwal, S.                  | In Bottom-Up Approaches in Governance and Adaptation for Governance and Adaptation for Sustainable Development: Case Studies from India and Bangladesh, SAGE Publications | 2017 |
| Are Climate Smart Agriculture Technologies Gender Smart? An In-Depth Analysis Using Gender Analysis Frameworks | Aggarwal, S., Upadhayay, A., Punhani, G. | Global Perspectives in Human Rights, Gender Studies and Social sciences, 73-79, International Multidisciplinary Research Foundation, India. ISBN: 978-9386435-40-8        | 2018 |
| History of Mass Media  | Tomar, Y.A.                              | IGNOU study material for MA in Mass Communication, IGNOU  | 2018 |
| Home Science XI  | Gera, N.V., Tomar, Y.A.                  | Home Science XI. Agra, Uttar Pradesh: Oswal Publications. ISBN: 978-93-86299-60-4   |      |

| <b>Department of Fabric and Apparel Science</b>  |                                     |  |      |
|--|-------------------------------------|--|------|
| Convergence Model of Skill India Mission-2009-2017: A Review   | Rawat, N., Aggarwal, J.             | Journal of Advances and Scholarly Researches in Allied Education, Vol XIV, Issue 1, October, ISSN: 2230-7540   | 2017 |
| Standardization of Dyeing Conditions of P minioluteum on Mulberry Silk   | Sudha, Gupta, C., Aggarwal, S.      | Asian Dyer, SJR, ISSN: 0972-9488   |      |
| Microbial Protease: A Degumming Agent  | Naaz, S., Gupta, C., Aggarwal, S.   | International Journal of Recent Research and Applied Studies. ISSN: 2349-4891  | 2017 |
| Application of Box Behnken Design to Optimize the Parameters for Chemical Modification of Polyester using Sodium Hydroxide | Chaudhary, H., Gupta, C., Gupta, D. | Man Made Textiles in India, SASMIRA ISSN: 0377-7537.   | 2017 |
| “Textile Waste: From Trash to Trend”,  | Sethi, D., Walia, A.                | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET), Vol. 6 (5), pp 9525 – 9530, ISSN (Online): 2319-8753, ISSN (Print): 2347-6710 | 2017 |
| Persian and Indian women’s costume – A comparative study.  | Kumar, M., Walia, A.,               | International Journal of Applied Home Science, Vol4, Issue 3 & 4, March & April 2017: 216-223. ISSN No. 2394-1413  | 2017 |
| Wet processing of Textiles: An Eco-friendly Approach   | Kaur, B, Arora, R., & Chanchal,     | Journal of Basic and Applied Engineering Research, Vol. 4, Issue 1; pg 13-15, P-ISSN: 2350-0077.   | 2017 |
| Faux Leather Exploration: A Creative Approach  | Kaur, S., Walia, A., Bihman, D.     | International Journal of Advanced Research, Ideas and Innovations in Technology, Vol. 4, Issue 3, Impact Factor: 4.295, ISSN: 2454-132x.                                     | 2018 |
| An Overview: Formation of Woven Fabrics  | Kaur, B. and Chanchal               | International Journal of Science, Technology and Management, Vol. 6, June 2017, Impact factor: 2.012, ISSN: 2394-1537.   | 2017 |

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|--|--|--|------|
| “ Impediments Faced by Artisans of Rajasthan in Trading Handicrafts in Urban Haats”  | Garg P., Walia A.  | International Journal of Applied Home Science, Vol 5 Issue 2, ISSN: 2394-1413  | 2018 |
| <b>Department of Food and Nutrition</b>  |  |  |      |
| A Review on photochemistry and therapeutic uses Hibiscus sabdariffa L  | Riaz G and Chopra R  | Biomedicine and Pharmacotherapy  | 2018 |
| Double Burden of Malnutrition Among Mother-Child Dyads in Urban Poor Settings In India.  | Malik R, Puri S, Adhikari T.   | Indian J Comm Health. 2018; 30, 2: 139-144.  | 2018 |
| Priority interventions to improve maternal and child diets in Sub-Saharan Africa and South Asia  | Masters, W.A., Rosettie, K., Kranz, S., Pedersen, S.H., Webb, P., Danaei, G., Mozaffarian, D.   on behalf of the Global Nutrition and Policy Consortium. | Matern Child Nutr. 2018; 14:e12526.<br><a href="https://doi.org/10.1111/mcn.12526">https://doi.org/10.1111/mcn.12526</a> | 2018 |
| Designing programs to improve diets for maternal and child health: estimating costs and potential dietary impacts of nutrition-sensitive programs in Ethiopia, Nigeria, and India. | Masters, W.A., Rosettie, K., Kranz, S., Pedersen, S.H., Webb, P., Danaei, G., Mozaffarian, D.   on behalf of the Global Nutrition and Policy Consortium. | Health Policy and Planning, 2018, 1-10   | 2018 |
| Maternal Mortality in India: An Overview of Social Causes. International Journal of Scientific and Research Publications 2018; 8 (3): 7-14.  | Singh, K., Puri, S., Chopra, G.  | International Journal of Scientific and Research Publications 2018; 8 (3): 7-14.   | 2018 |
| Status of complementary feeding practices of infants and young children (6--23 months) in India: A Review.   | Mehlawat, U., Rekhi, T.K., Puri, S., Yadav, B.   | New Ind J Paed, 2018; 7.1: 40-48.  | 2018 |
| Midlife Factors That Influence The Aging Process: An Indian Perspective.   | Puri, S., Shaheen, M., Panandiker, D.H. Pai Sinha. R.  | J Aging Res Clin Practice 2017; 6:246-251.   | 2018 |
| Potential of probiotics in hypercholesterolemia: A Review of In vitro and In vivo findings.  | Sharma, S., Puri, S., Kurpad. A.   | Alternative Therapies in Health and Medicine, December 2017 - Vol. 23, No. 7.  | 2017 |
| Effect of oral cinnamon intervention on metabolic  | Gupta Jain, S., Puri, S., Misra, A., Gulati, S.,   | Lipids in Health and Disease 16:113  | 2017 |

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|---|--|---|------|
| profile and body composition of Asian Indians with metabolic syndrome: a randomized double-blind control trial.                         | Mani, K.   |   |      |
| Zinc Content of Cereals and Pulses in Delhi   | Gupta, S., Arora, K., Trilok-Kumar, G.   | The Indian Journal of Nutrition and Dietetics. 55(2): 227-241                   | 2018 |
| Antioxidant and antimicrobial properties of leaves of Ficus religiosa (Peepal tree)   | Pal S, Sharma S, Surbhi, Kataria D   | International Journal of Green and Herbal Chemistry Section B: Herbal Chemistry | 2017 |
| Augmenting frying stability of soybean oil by incorporation of Curcumin   | Puri D, Kataria D, Sabharwal V   | Global Journal of Engineering Science and Researches                            | 2018 |
| Enhancing nutrition with pulses: defining a recommended serving size for adults   | Marinangeli, C.P.F., Curran, J., Barr, S.I., Slavin, J., Puri, S., Swaminathan, S., Tapsell, L., Patterson, C.A.   | Nutrition Reviews 75(12): 990-1006.   | 2017 |
| Policy content and stakeholder network analysis for infant and young child feeding in India   | Puri, S., Fernandez, S., Puranik, A., Anand, D., Gaidhane, A., Syed, Z.Q., Patel, A., Uddin, S., Thow, A.M.  | BMC Public Health 17 (Suppl 2): 461. ISSN 1471-2458.                            | 2017 |
| Status of complementary feeding practices of infants and young children (6-23 months) in India: A Review                                | Mehlawat, U., Puri, S., Rekhi, T.K., Yadav, B.   | New Ind Journal of Pediatrics.  | 2018 |
| Midlife Factors That Influence The Aging Process: An Indian Perspective.  | S. Puri, M. Shaheen, D.H. Pai Panandiker, R. Sinha.  | J Aging Res Clin Practice   | 2017 |
| Potential of probiotics in hypercholesterolemia: A Review of In vitro and In vivo findings.   | Sharma, S., Puri, S., Kurpad, A.   | Alternative Therapies in Health and Medicine,                                   | 2017 |
| Opportunities for strengthening infant and young child feeding policies in South Asia: Insights from the SAIFRN policy analysis project | Thow, A.M., Karn, S., Dixit, M., Devkota, Rasheed, S., Roy, S.K., Suleman, Y., Hazir, T., Patel, A., Gaidhane, A., Puri, S., Godakandage, S., Senarath, U., Dibley, M.J. | BMC Public Health   | 2017 |
| Transition In Infant And Young Child Feeding Practices In India.  | Puri, S.   | Current Diabetes Review   | 2017 |
| Incidence of Overweight and Obesity among Children and Adolescents in India.  | Shokeen D and Aeri B. T.   | Int. J. Life. Sci. Scienti. Res.  | 2017 |

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| Hypertension in India: An insight into the NFHS 4 Data.   | Kaur H and Aeri B.T.               | International Journal of Scientific and Research Publications                       | 2017           |
| Metabolic syndrome: Concepts and Criteria: A Review.  | Kaur H. and Aeri B.T.              | International Journal of Food and Nutritional Sciences                              | 2017           |
| Dietary Practices and Nutritional Profile of Female Nurses from Government Hospitals in Delhi, India  | Gupta, S.                          | Iranian Journal of Nursing and Midwifery Research                                   | 2017 Sep – Oct |
| <b>Department of Human Development and Childhood Studies</b>  |                                    |   |                |
| Quality Early Childhood Care and Education in India: Initiatives, Practice, Challenges and Enabler  | Chandra, R.; Gulati, R. Sharma, S  | Asia-Pacific Journal of Research in Early Childhood Education                       | 2017           |
| Individual achievement and social progress: Mending the broken alliance between school and community in India. In: Branco A., Lopes-de-Oliveira M. (Eds) Alterity, Values, and Socialization. | Chaudhary, N., Kapoor, S. Negi, B. | Cultural Psychology of Education  | 2018           |
| Crafts of India: Luxury Context   | Jharkhede, S. K. and Sachdev, P    | International Journal of Multidisciplinary Research and Development                 | 2017           |
| ‘Crafts: A Contemporary Narrative’  | Jharkhede, S. K. and Sachdev, P    | International Journal of Multidisciplinary Research and Development                 | 2017           |
| Who’s child? Talking child rights through schools.  | Negi, B., Chaudhary, N., Kapoor, S | International Journal of Arts, Sciences and Humanities                              | 2018           |
| Maternal Mortality in India: An overview of Social causes   | Singh, K. Puri, S. Chopra, G       | International Journal of Scientific and Research publications                       | 2018           |
| Don’t Stare At Me....’ Exploring The Lived Experiences Of Adults With Disability  | Singh, Ritu and Chopra, Geeta      | Indonesian Journal of Disability Studies (IJDS)                                     | 2018           |
| Maternal Mortality in India: An overview of Social causes.  | Singh, K, Puri, S. Chopra, G.      | International Journal of Scientific and Research publications                       | 2018           |
| Women in Indian Families: Resisting everyday  | Tuli, M.                           | In Chaudhary, N., Haviid, P., Marsico, G. and Villadsen, J.W., (eds.) Resistance in | 2017           |

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|---|-------------------------------------|--|---------------------------|
|   |                                     | Everyday Lives: Constructing Cultural Experiences, Springer: Singapore, p 307-318 (ISBN 978-981-10-3580-7                        |                           |
| <b>Department Of Resource Management and Design Application</b>   |                                     |  |                           |
| Meal Preparation Activities of Middle Income Group Families Living in Delhi                                       | Magu, P, Khanna, K, Seetharaman, P. | International Journal of Family and Home Science   | (May-August), 2018        |
| Brunt of stress in managing work-life balance of banking sector employees   | Atheya, R and Arora, R.             | International Journal of Applied Home Science  | November & December, 2017 |
| To study the consumer buying behaviour for Non-durables: Influence of Sources of Information                      | Tyagi, R and Arora, R.              | International Journal of Home Science  | Jan – April 2018          |
| Indoor Air Quality in Schools: A review Based Study   | Singh, P and Arora, R               | International Journal of Engineering and Scientific Research   | March, 2018               |
| <b>Department of Elementary Education</b>   |                                     |  |                           |
| ‘Bacha log, Taali bajao: Orphan in cinematic imagination’.  | Gulati, N.                          | In T.S. Saraswathi, Sailaja Menon, Ankur Madan (eds.) Childhood in India: Traditions, trends and transformations. UK: Routledge. | 2017                      |
| ‘Autonomy of the family in the modern world’.   | Gulati, N.                          | Horizons of Education (Horyzonty Wychowania). Jesuit University Ignatianum. Krakow.  | 2017                      |
| ‘Ankhen moonde kabutar: younikta ki abhivyakti .’ (Ostriches with their heads in sand: expressions of sexuality). | Gulati, N.                          | Pathshala. 1(1). Azim Premzi University.   | 2018                      |
| Grammatical gender in story texts: Interaction of linguistic structure, culture and cognition                     | Mishra, S.                          | published in LLT   | 2018                      |
| “Representation of Nature of Science In pre- service  | Singhal, M.                         | Journal of Indian Education Feb 2017,  | 2017                      |

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| teacher Education program”   |             | vol xLII, no 4)  |      |
| “Understanding of NOS among Pre-service Teachers and Teacher Educators” published in                           | Singhal, M. | Journal of Indian Education (May 2017, vol XLIII, no 1.) ISSN 0377-0435  | 2017 |
| ‘Migrant Tribe in a Globalizing City: Educational Views, Aspirations and Choices of the Santals in Kolkata’,   | Das, R.     | In Bhattacharya, A., Basu, S (eds), “Marginalities in India: Themes and Perspectives, Singapore, Springer in 2018                  | 2018 |
| ‘Mother Tongue in Indigenous Script as Medium of Formal Learning: Discourses within a Migrant Tribal Community | Das, R.     | In a Metropolis’, Vol: 14 (1), Contemporary Education Dialogue, New Delhi, Sage  | 2018 |
| Co- authored a paper titled ‘Experience, Politics and Resistance: Revisiting ‘Hind Swaraj’,                    | Das, R.     | Vol: 3 (19), The New Leam, New Delhi   | 2018 |
| Sources of Self- Efficacy in Mathematics: An Exploratory Study’  | Mittal, R.  | IMPACT: International Journal of Research in Humanities, Arts and Literature. Vol.5(6). June 2017, pp.133-140. ISSN no. 2347-4564. | 2017 |
| Teacher Education in Modern Scenario: Issues and their Remedies.   | Mittal, R.  | Scholars Journal of Arts, Humanities and Social Sciences. Vol 5(2). February 2017, pp.90-94. ISSN 2347- 5374/2347-9493.            | 2017 |

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| Gandhi, Ambedkar Aur Lohia ki Drishti Mein Bhartiya Samaj Mein Shiksha aur Samta ki Avdharna. | Sehgal, S. | Paripekshya. 23(2) 131-140. ISBN 09727515 in 2017   | 2017 |
| 'Shared Dreams, Distant Reality: An Analysis of the Movie Dangal.                             | Sehgal, S. | Mainstream. LV 24-27. ISBN 05421462.  | 2017 |
| The medium to the EnglishIdentity.  | Saini, D.  | International Journal of English: Literature, Language and Skills (IJELLS).6(2). ISSN 2278-0742 | 2017 |
| 'Community College Scheme in India :  | Tiwari, C. | Alternative System of Education In India. 3(1) .ISSN 2454-5732 in 2017                          | 2017 |

### Department of Biochemistry

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| Association of mitochondrial copy number variation and T16189C polymorphism with colorectal cancer in North Indian population  | Kumar, B., Bhat, Z.I., Bansal, S., Saini, S., Naseem, A., Khushnumawahabi, Burman, A., Trilok Kumar, G., Singh, S., Saluja, M. Rizvi, M.A. | Tumor Biology                                    | November 2017 |
| Fisetin synergizes with gemcitabine and inhibits viability of MIA PaCa-2 pancreatic cancer cells.  | Kumar, B.  | Research Reports                                 | March 2018    |
| Resveratrol inhibits expression of cancer specific PPP enzyme TKTL1  | Kumar, B.  | AJPCR  | June 2018     |
| Comparative evaluation of antibacterial, antifungal and antioxidant activity of silver nanoparticles synthesized using <i>Cassia tora l</i> leaf extract and glucose | Marothia, M., Goyal, D., Arora, T. Bhatia, R.  | International Journal of Recent Research Aspects | 2017          |
| Identification of Mycobacterium tuberculosis BioA inhibitors by using  | Singh, S., Khare, G., Bahal, R. K., Ghosh, P. C., Tyagi, A. K.   | Drug design, development and therapy             | 2018          |

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|---|--|---|---------------|
| structure-based virtual screening   |  |   |               |
| An attenuated quadruple gene mutant of Mycobacterium tuberculosis imparts protection against tuberculosis in guinea pigs  | Bahal, K. R., Mathur, S., Chauhan, P., Tyagi, A.K. | Biology open  | 2017          |
| Boosting with recombinant MVA expressing M. tuberculosis $\alpha$ -crystallin antigen augments the protection imparted by BCG against tuberculosis in guinea pigs | Nangpal, P., Bahal, R. K., Tyagi, A.K.             | Scientific reports  | 2017          |
| <b>Department Of Biology</b>  |  |   |               |
| A pilot study on prevalence of malnutrition, pain, depression and anxiety in elderly population in Delhi  | Bhardwaj, M., Singh P., Rachna, K., Suri M.        | Journal of Clinical Gerontology & Geriatrics  | June 2018     |
| An Overview of Dietary Approaches to Prevent the Development of Diabetic Retinopathy  | Suri M., Bhardwaj M., Pathak A., Kapur P.          | Indian Journal of Nutrition and Dietetics   | 2018          |
| An overview understanding the popular fitness trend.  | Suri M., Sharma R., Saini N.                       | Indian Journal of Physical Education, Sports and Applied Science  | October, 2017 |
| A pilot study on prevalence of malnutrition, pain, depression and anxiety in elderly population in Delhi.   | Bhardwaj M., Singh P., Kapila R., Suri M.          | Journal of Clinical Gerontology & Geriatrics  | June, 2018    |
| Neuro-Physiological Correlation between Yoga, Pain and Endorphins   | Suri M., Sharma R., Saini N.                       | International journal of Adapted physical education and Yoga  | August, 2017  |
| RNA Interface: A Promising Approach for Crop Improvement  | Bhardwaj, M., Rajam, MV.                           | In: Gosal, Singh, S. Wani, Hussain, S. (Eds) Biotechnologies of Crop Improvement, Vol 2: Transgenic Approaches, Springer International Publishing (2018), ISBN: 9783319906492 | 2018          |

| <b>Department of Microbiology</b>  |   |  |      |
|--|---|--|------|
| Probiotic yeasts in human welfare.   | Chaudhary, V., Vohra, A., Madan, A. and Satyanarayana, T. | In: Yeast Diversity in Human Welfare edited by (T.Satyanarayana and G. Kuenze). Springer. Pages:115-136)                       | 2017 |
| Lab Manual in Biochemistry, Immunology and Biotechnology   | Dr Arti nigam   | -ebook available at Google playstore   | 2017 |
| <b>Department of Physical Education and Sport Sciences</b>   |   |  |      |
| Neuro-Physiological Correlation Between Yoga, Pain and Endorphins.   | Saini, N., Suri, M., Gupta, S.                            | International Journal of Adapted Physical Education and Yoga.  | 2017 |
| Physiological Responses Of Zumba: An Overview Understanding The Popular Fitness Trend  | Saini, N. Suri, M., Sharma, R.                            | Indian Journal Of Physical Education, Sports and Applied Science.  | 2017 |
| Effect of Physical Education and Physical Activity on Anthropometric Measurements and Flexibility Among College going Girls. | Saini, N. Suri, M., Sharma, R.                            | European Journal Of Physical Education And Sport Science   | 2018 |
| <b>Department of Physiology and Promotive Health</b>   |   |  |      |
| Physiological responses of Zumba: An overview understanding the popular fitness trend.                                       | Suri M., Sharma R., Saini N.                              | Indian Journal of Physical Education, Sports and Applied Science, Vol.7, No.4,October (2017) ISSN-2229-550X (P), 2455-0175 (O) | 2017 |
| Neuro-Physiological Correlation between Yoga, Pain and Endorphins.   | Suri M., Sharma R., Saini N.                              | International journal of Adapted physical education and Yoga, Vol. 2, No. 9, August (2017) ISSN: 2455-8958                     | 2017 |

| <b>E content developed by Faculty</b> |   |   |  |
|---------------------------------------|---|---|--|
| Name of the teacher                   | Name of the module  | Platform on which module is developed   | Date of launching e – content                  |
| Ms. Pratima Singh and Dr. Meghna      | E-content script developed for hearing impaired community   | SWAYAM (NIOS)   | 2017-2018                                      |
| Dr Yuki Azad                          | Radio Program Production for Broadcast and Internet’ (Production work under process)  | Content for PG MOOC UGC Vyas, Multiple platforms like CEC website, educational portals etc. | March 2019 (The registration portal will open) |
| Ms. Bableen Kaur                      | Digital Media Marketing, Production and Distribution’ (production work under process)   | Content for PG MOOC UGC Vyas, Multiple platforms like CEC website, educational portals etc. | March 2019                                     |
| Ms. Chandra Tiwari                    | ICT Curriculum for teacher educators  | CIET, NCERT   | February, 2018                                 |
| Ms. Shipra Gupta                      | Food Nutrition for Healthy Living<br><br>Module 1: Food, Nutrition, Health and Hygiene-Interrelationship<br><br>Module 2: Assessment of Nutritional Status-I<br>Module 3: Assessment of Nutritional Status-II | SWAYAM  | June 2018                                      |
| Dr. Bani Tamber Aeri                  | Food Nutrition for Healthy Living for   | SWAYAM  | June 2018                                      |

**Workshops/Seminars/Lectures Organized Conducted by the departments during 2017-18**

| <b>Title of Workshop/Seminar and Resourse Person</b>        | <b>Name of the Dept.</b>                |
|---|---|
| ‘Processing of News’<br>Mr. Hemant Kaushik, TOI             | Development Communication and Extension |
| ‘Violence against women’<br>Meera Khanna, Guild of Services | Development Communication and Extension |
| ‘Trends on Sectional News, Articles and Feature Writing’    | Development Communication and Extension |

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| <p>‘Entertainment Education and Liberating Structures’<br/>Dr. Arvind Singhal, Professor, Communication and Director of the Social Justice Initiative, Department of Communication, University of Texas - El Paso</p>   | Development Communication and Extension    |
| <p>‘Culture and Communication’<br/>Dr. Devendra Sharma, Professor, Department of Communication, California State University, Fresno</p>   | Development Communication and Extension    |
| <p>One-day consultation workshop on ‘Mapping the vulnerability of women in India to climate’ change under the Project entitled ‘Mapping the Vulnerability of Women in India to Climate Change at the sub-National Scale’. As part of India’s Third National Communication (TNC) to the UNFCCC funded by (MOEFCC), Government of India</p> | Development Communication and Extension    |
| <p>‘Future prospects in the area of Public Nutrition and Food Industry’. Dr. Shweta Khandelwal (PHFI, Delhi) and Mr. Ratan Mishra, Britannia Ind. Ltd.</p>  | Food and Nutrition                         |
| <p>‘Thinking creatively on Nutrition in India’. Dr. Gopi Ghosh (Consultant, FAO)</p>  | Food and Nutrition                         |
| <p>‘Optimal Infant and Young Child Feeding: India situation on policy &amp; programmes’. Dr. Shobha Suri (Policy and Programme Coordinator, BPNI)</p>   | Food and Nutrition                         |
| <p>‘Food Safety’. Sh. S. Dave</p>   | Food and Nutrition                         |
| <p>‘Challenges and role of food, nutrition and related technologists &amp; opportunities ahead’. Dr. TSR Murali, Chief R&amp;D Officer, Mother Dairy</p>  | Food and Nutrition                         |
| <p>‘Policy Research in Nutrition’ Dr. Anne Marie Thaw, (Professor in Policy Research, University of Sydney.)</p>  | Food and Nutrition                         |
| <p>‘Promoting Intergenerational Bonding’. Dr. Adarsh Sharma, Former Director, NIPCCD, and Dr. Sarla Manchanda from AIWEFA</p>   | Human Development and Childhood Studies    |
| <p>‘Lived Experiences of People with Disabilities’</p>  | Human Development and Childhood Studies    |
| <p>‘Story-Telling’</p>  | Human Development and Childhood Studies    |
| <p>‘#Depression: Let’s Talk’</p>  | Human Development and Childhood Studies    |
| <p>Awareness about Menstrual Hygiene’ conducted by Niine Movement.</p>  | Human Development and Childhood Studies    |
| <p>‘Women Entrepreneurs: Developing Entrepreneurial Skills’</p>   | Resource Management and Design Application |
| <p>‘Designing Mood boards in Interiors’ by Pearl Academy</p>  | Resource Management and Design Application |

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| ‘Integrated Planning’; Mirambika  | Elementary Education |
| ‘Issues dealing with child sexual abuse’; TARSHI  | Elementary Education |
| ‘Replacing Regulatory Experiments On Animals: Introduction to <i>In Silico</i> Models and <i>In Vitro</i> Test Methods’ | Biochemistry         |
| Two day national workshop ‘Introduction to Clinical Biochemistry’   | Biochemistry         |
| Technical workshop ‘PCR and ELISA’  | Biochemistry         |
| ‘Microbiology: Current Challenges and Future Trends’  | Microbiology         |
| ‘Career Counselling’  | Microbiology         |
| ‘United Nations and its microbiology agenda in global health’   | Microbiology         |
| ‘Profiling of sin3B mRNA alternate splicing in oral cancer’   | Microbiology         |
| ‘Food Safety: Global Prospect and India’s Strategy’   | Microbiology         |
| ‘Antimicrobial resistance: Challenge and Solution’  | Microbiology         |
| One day workshop ‘Basic Techniques of Microbiology’   | Microbiology         |

### Research Paper Presentations in Conferences/Seminars/Workshops during 2017-18

| Title of the paper  | Name of the author | Conference/Seminar/Workshop  | Year |
|---|--------------------|--|------|
| <b>Department of Development Communication and Extension</b>                        |                    |  |      |
| Representation of homosexuals in Onir’s cinema, a study of semiotics and Reception’ | Kaur, B., Kaur, P. | Paper presented and published at the conference organized by International Multidisciplinary Research Foundation, 2018, Thailand.  | 2018 |
| Panel Moderator for Session IV- ‘Empowering the Villagers’                          | Pannu, P.          | Smart Village Conclave Under One Mega Event. Co organisers Centre for Excellence IOT (Internet for Things), a joint venture of MeitY, ERNET and NASSCOM; ITPO (India Trade | 2018 |

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|---|-------------------------------------|--|------|
|   |                                     | Promotion Organisation) and Exhibitions India Group. Held on 25th May, 2018, Conference Room E, Hall 12, Pragati Maidan  |      |
| “Online Activism on Violence against Women in India”  | Mirani, S., Pannu, P., Malhotra, C. | International Conference on Women’s Work & Occupational Health-Emerging Issues, Challenges & Policy Measures in the Unorganized Sector (WVOH-2018) held at Arya PG College (College with Potential for Excellence Status by UGC), Panipat (Haryana), India | 2018 |
| “Interface of Mobile Technology in Health and Agriculture: Reflections from the Field             | Yadav, N., Pannu, P., Dalal, J.     | International Conference on Women’s Work & Occupational Health-Emerging Issues, Challenges & Policy Measures in the Unorganized Sector (WVOH-2018) held at Arya PG College (College with Potential for Excellence Status by UGC), Panipat (Haryana), India | 2018 |
| Women Empowerment through Media Education: Transforming spectators to change makers’              | Azad, Y., Kaur, B.                  | International Conference on Human Rights, Gender Studies Law & Social Sciences, 2018.  | 2018 |
| Climate change and Water insecurities: related Insecurities: Association with Gender Inequalities | Kher, J., Aggarwal, S.,             | National conference on Climate Change Adaptation & Sustainable Development in New Delhi on March 21-23,  | 2018 |

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|---|---------------------|---|------|
|   |                     | 2018 organized by Swami Shraddhanand College, University of Delhi. Sponsored by Ministry of Earth Science, Government of India.   |      |
| Grassroots Comics for Safety and Security of Women – An Exploratory Study of Using Participatory Approaches for Spreading Awareness | Vaid, N., Gupta, M. | International Academic Research Conference on Human Rights, Gender Studies, Law and Social Sciences, Chandigarh 2018, organized by International Multidisciplinary Research Foundation.   | 2018 |
| An Exploratory Study of Vulnerable Youth in Delhi   |                     | International Academic Research Conference on Human Rights, Gender Studies, Law and Social Sciences, Chandigarh 2018, organized by International Multidisciplinary Research Foundation.   | 2018 |
| Study of social messages on FM Radio Channels'  | Azad, Y., Kaur, P.  | International Conference on Gender Equality, Culture, Education & Social Sciences - 2017, International Multidisciplinary Research Foundation India in association with UNESCO Ministry of Education & Science, Republic of Macedonia along with Diplomacy Research & Policy Foundation and other International bodies. | 2017 |

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|---|----------------------------------|--|------|
| Role of media education in Empowering women   | Azad, Y., Kaur, B.               | National seminar on Women's Rights and Responsibilities in Progressive India: A Discourse Organized by Department of Journalism, Kalindi College, 2017 (University of Delhi)                           | 2017 |
| Representation of women in deodorant advertisements, A content analysis'  | Kaur, B., Azad, Y.               | International Conference of Media and Communication Studies, 2017.   | 2017 |
| <b>Department of Fabric and Apparel Science</b>   |                                  |  |      |
| Traditional Arabic Costume and Indian Salwar Kameez: A Reciprocal Correlation   | Kumar, M., walia, A.             | 10 <sup>th</sup> International Conference on Language, humanities, education and Social Sciences (ICLHESS - 18), Bali ISBN: 978-93-86878-09-0  | 2018 |
| 'Disposable Toilet Seat Covers with Anti-odour Finish: A Novel Approach',   | Sharma, D., Chanchal, Wadhwa, M. | International Conference on Textile and Clothing (Present and Future Trends) at University of Calcutta, Technology Campus, Salt Lake Kolkata   | 2017 |
| 'Interrelationship of Identity Formation and Clothing Preferences: An Exploratory Study Amongst College Going Girls', | Verma, V., Aggarwal, J.          | Presented at National Conference on Fashion, Apparel and Textiles (NCFAT 17) organized by Amity University, 29 March. Full paper published in book of conference proceedings, ISBN: 978-93-86238-19-1. | 2017 |
| 'Disposable Anti-odour finished Toilet Seat Cover   | Sharma.D, Chanchal, Wadhwa.M     | Global Innovator and Research Conclave at Deenbandhu Chhotu Ram University of  | 2018 |

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|---|-----------------------------------|--|------|
|   |                                   | Science and Technology,<br>Murthal (Haryana  |      |
| ‘Impediments Faced by Artisans of Rajasthan in Trading Handicrafts in Urban Haats’                      | Garg P., Walia A.                 | 18 <sup>th</sup> International Business Horizon - International Business Summit & Research Conference of Asia – Inbush Era World Summit 2018 organized by Amity University, Noida  | 2018 |
| ‘Conventional Methods of Degumming of Silk yarn ’   | Naaz.S, Gupta.C.<br>Aggarwal.S.   | Presented at International Conference on Textile and Clothing Present and Future Trends, University of Calcutta, Kolkata   | 2017 |
| ‘Degumming with Microbial Protease: An Ecofriendly Approach’ on 20 <sup>th</sup> - 21 <sup>th</sup> Jan | Naaz.S, Gupta.C.,<br>Aggarwal, S. | Presented at First Global Higher Educational Conclave, Global Innovators & Research Conclave, in association with The Textile Association (India) Central and Delhi Unit, Supporting Institutes ICT and IIT Delhi, at Deenbandhu Chhotu Ram University of Science and Technology, Murthal, Haryana | 2018 |
| ‘Impact of Media on Body Image and Clothing Preferences amongst Women’                                  | Arora, G., Aggarwal, J.           | Presented at National Seminar on Women and Development: Issues and Challenges, sponsored by ICSSR, held at Lakshmi Bai College, University of Delhi  | 2017 |
| ‘Factors Affecting Clothing Preferences of College Going Girls’,  | Aggarwal, J., Verma, V.           | Presented at the second International Conference on Apparel, Textiles and Fashion Design, Colombo, Sri Lanka, March 24-25  | 2017 |
| ‘A Study on Customer Preference of Markets for Purchase of Indian Textiles’                             | Garg P., Walia A.                 | International Conference on Business Management and Social Innovation (ICBMSI), New Delhi  | 2018 |

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|---|--------------------------------------|--|------|
| A comparative study on morphology and dyeing behaviour of ahimsa silk and mulberry silk                           | Sharma, D., and Chanchal             | International Journal of Home Science  | 2018 |
| Biodegradability of Bio-synthetic Fabrics   | Sharma, D., and Chanchal, Walia, A.  | International Journal of Home Science  | 2018 |
| Compliance Issues For Ready-Made Garment Units  | Kaur, S.                             | International Journal of Home Science  | 2018 |
| FAUX leather: An eco-friendly innovation  | Kaur, S., and Walia, A.              | International Journal of Advance Research, Ideas and Innovations in Technology | 2018 |
| FAUX leather exploration: A creative approach   | Kaur, S., and Walia, A., Birhman, D. | International Journal of Advance Research, Ideas and Innovations in Technology | 2018 |
| Significant Rituals of Kashmiri Pandits: A Perspective  | Kaur, S., and Walia, A.              | International Journal of Textile and Fashion Technology                        | 2018 |
| Socio-Psychological Factors Affecting Clothing Preferences: A Review  | Aggarwal, J. and Arora, G.           | International Journal of Applied Home Science                                  | 2018 |
| Convergence Model of Skill India Mission-2009-2017: a review  | Aggarwal, J                          | Journal of Advances and Scholarly researches in allied education               | 2017 |
| Analysis of Structural Properties of Thermocool and Polyester Yarns   | Sharma, D., and Chanchal             | International Journal of Recent Research and Applied Studies                   | 2017 |
| To Study various health care and safety facilities provided at construction sites to cement porters               | Kaur, B and Savita                   | International Journal of Applied and Natural Sciences                          | 2017 |
| Study on the impact of cement dust on the health of cement porters and supervisors involved at construction sites | Kaur, B. and Savita                  | International Journal of Applied Home Science                                  | 2017 |
| Physiochemical testing of existing work wear of cement porters  | Kaur, B. and Savita                  | International Journal of Applied Home Science                                  | 2017 |
| An Overview: Formation of Woven Fabrics, International Journal of Science, Technology and Management              | Kaur, B., and Chanchal               | International Journal of Science, Technology and Management                    | 2017 |
| Chain Stitch Formation: Stitch Class-100  | Kaur, B., and Chanchal               | International Journal of Science, Technology and Management                    | 2017 |

| <b>Department of Food and Nutrition</b>   |                           |  |      |
|---|---------------------------|--|------|
| “Consumer Acceptability of Double Fortified Salt”,  | Puri, S.                  | Dissemination Workshop for DFS Goes to Scale - Scaling up Production and distribution of Double Fortified Salt, IDRC and TINI, New Delhi, 7 June 2018.   | 2018 |
| “Ensuring successful ageing in the 21st century: Challenges for home economists”:   | Puri, S.                  | Keynote Address at IFHE Council and Symposium 2018, Khartoum, Sudan, 25Feb- 1 March 2018.  | 2018 |
| “SNF@School”, World Marketplace, Joint FAO/UAEU Expert Consultation on Stepping Up School-Based Food and Nutrition Education: Exploring the Challenges, Finding Solutions and Building Partnerships | Puri, S.                  | Al Ain, UAE, 28-30 November 2017.  | 2017 |
| “Importance of Consuming Milk”  | Puri, S.                  | Celebration of World School Milk Day by Mother Dairy, New Delhi, 27 September 2017.  | 2017 |
| “Knowledge, Attitude and Practices of Young Adults about Food Hygiene and Related Aspects”  | Kaushik, A. and Gupta, S. | AMIFOST-2017 National Conference on Food Safety, Nutrition Security and Sustainability organized by Amity University and Association of Food Scientists and Technologists (India) – Delhi Chapter at Amity Institute of Food | 2017 |

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|   |                         | Technology, Amity University Campus, Noida on September 26, 2017.   |      |
| <p>“Development of Snacks using Buckwheat Flour and their Sensory Acceptability”</p> <p>Received Third Prize</p>      | Gupta, S. and Deepa     | AMIFOST-2017 National Conference on Food Safety, Nutrition Security and Sustainability organized by Amity University and Association of Food Scientists and Technologists (India) – Delhi Chapter at Amity Institute of Food Technology, Amity University Campus, Noida on September 26, 2017 – | 2017 |
| <p>“Nutritional Profile of Nurses from Government Hospitals in Delhi”</p> <p>Received First Prize</p>                 | Gaur, S., Gupta, S.     | ‘5 <sup>th</sup> Workshop on Clinical Nutrition’ organized by Department of Dietetics, Indraprastha Apollo Hospitals, New Delhi and Centre and Centre for Research on Nutrition Support Systems on September 23, 2017 at Indraprastha Apollo Hospitals, New Delhi                               | 2017 |
| <p>Anxiety and Eating Disorders: Prevalence and Association among adolescents studying in public schools of Delhi</p> | Khanna P and Aeri, B.T. | Presented at European Psychiatry Association (EPA 2018), held on 4th – 6th March 2018, Nice, France.  | 2018 |

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| Depression, Anxiety Symptoms and Eating Behaviour: Prevalence and Association among adolescents studying in public schools of Delhi.<br><br>Paper received scholarship and travel award | Khanna P and Aeri, B.T. | Oral presentation at IAFOR Asian Conference on Psychology and the Behavioural Sciences, held on 22nd – 24th March 2018, Kobe Japan.   | 2018 |
| <b>Department of Resource Management and Design Application</b>   |                         |   |      |
| ‘Assessment of Respirable Suspended Particulate Matter (PM 2.5) in Indian Urban Schools   | Singh, P.               | 9 <sup>th</sup> International Conference on Children Health and the Environment organized by INCHEs at Hoam Faculty House, Seoul, South Korea from 27 <sup>th</sup> - 29 <sup>th</sup> June, 2018 | 2018 |
| <b>Department of Elementary Education</b>   |                         |   |      |
| ‘Looking through mirrors: child, cinema and nation’   | Gulati, N.              | Presented at International Seminar, “Performing the nation: Theatres of the Literary, cinematic and body texts” Dyal Singh College. University of Delhi   | 2018 |
| “Embodying the nation: images of the child in indian cinema”  | Gulati, N.              | Presented at two-day International conference on “Identities and Education” Department of Sociology, University of Delhi.   | 2018 |
| ‘Adarsh balak ki chaviyan’ (Images of the ideal child)  | Gulati, N.              | National Seminar on Education. Ambedkar University,   | 2017 |
| प्राथमिक स्कूल के बच्चों की पानी के विषय में अवधारणाएं  | Gulati, N.              | Presented at the science seminar organized by Azim Premji foundation at ISSER, Mohali   | 2018 |
| “Critique, Theory and Practice: Rethinking critique in the context of the theory-practice divide in education”  | Dalal, J.               | International CESI conference on Criticality, Empathy and Welfare in Contemporary Educational Discourses, Jammu,  | 2017 |

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| ‘Theory, Subject and Power: Anxieties of Theory in the Context of Action Research’  | Dalal, J., Das, R. Anand, C | National Conference on Research in Education: Methodological Issues and Emerging Trend held in Department of Education, University of Delhi  | 2017 |
| Grammatical gender as a tool to create humor in Hindi: A construction grammar approach                                      | Mishra, S.                  | Presented at the International Conference of Construction Grammar, Paris   | 2018 |
| Grammatical Gender and Speakers’ Cognition: A Comparative study of Hindi and Bangla   | Mishra, S.                  | Presented a paper at BROCAS (Bridging Research On Cognition And Speech) conference, IIT Ropar.   | 2018 |
| “ Science Education through an epistemological lens”  | Singhal, M.                 | Presented at National conference organized by MVCOE, Delhi   | 2017 |
| “ई. वी. एस. शिक्षण में रचनावादी विधि का प्रयोग”   | Singhal, M.                 | Presented at the science seminar organized by Azim Premji foundation at ISSER, Mohali  | 2018 |
| ‘Between the Twin Worlds of the Native Land and the City: Dilemmas of Education among Santali migrants in Kolkata suburbs’, | Das, R.                     | Presented at the 8 <sup>th</sup> International Conference of Comparative Education Society of India on ‘Criticality, Empathy and Welfare in Contemporary Educational Discourses, Department of Education, University of Jammu, Jammu | 2017 |
| ‘Inclusive education in India: Current status, challenges and Possibilities’  | Rathee, S.                  | Presented at Minnesota Department of Education, USA.   | 2017 |

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| ‘Representation of Disability in Children’s Literature’   | Sehgal, S.                                 | Presented at National Conference on Language, Literature.   | 2017 |
| <b>Department of Biochemistry</b>   |  |   |      |
| <b>International</b>  |  |   |      |
| Poster Presentation<br>“bioA mutant of Mycobacterium tuberculosis shows severe growth defect and imparts protection against tuberculosis in guinea pigs.” | Bahal, R.K.                                | “5 <sup>th</sup> Global Forum for TB Vaccines”, International Conference, New Delhi, India, February 2018.  | 2018 |
| <b>National</b>   |  |   |      |
| Pollution resistance assessment of few edible plants based on Air pollution tolerance index (APTI) method   | Vachher, M.                                | Oral presentation at the National Conference on “Emerging Environmental Challenges and Sustainable Development”, March 21-23, 2018  |      |
| <b>Department of Microbiology</b>   |  |   |      |
| Poster Presentation<br>“Health benefits of a probiotic yeast <i>Saccharomyces cerevisiae</i> Id 18, an isolate from traditional Indian fermented food     | Vohra, A., Madan, A. and Satyanarayana, T. | National Conference on Biological Engineering in 21 <sup>st</sup> century, BESCON 2017, at Netaji Subhash Institute of Technology, Dwarka, Delhi, India on 8-9 September, 2017) | 2017 |
| Poster presentation<br>Distribution of mycoaeoflora in indoor and outdoor environment   | Nagpal nitika, Aggarwal S                  | National Science day at Hauz Khas Metro station.  | 2018 |

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| Microbiological assessment of drinking water in Hauz Khas , New Delhi  | Aggarwal S, Nagpal Nitika                |   | 2018 |
| Poster Presentation<br>Microbial Pigments as textile dyes: A novel approach.                                 | Mongia p, Gupta C, Aggarwal S, Nitika N: | National Conference on Advances in interdisciplinary Microbiology, New Delhi.   | 2018 |
| International Symposium on 'Probiotic therapy : translating to health & clinical practice                    | Aggarwal, S., Vohra, A.                  | 4th Biennial conference of PAI, 16-17 <sup>th</sup> February, 2018  | 2018 |
| "Infectious Diseases: Current Strategies for Diagnosis and Therapy"  | Bhagat, N.                               | International Seminar on, organized by Department of Microbiology, Ram Lal Anand College, 2 <sup>nd</sup> Feb 2018          | 2018 |
|  | Aggarwal, S., & Vohra, A.                | BESCON 2017: National Conference on Biological Engineering in 21 <sup>st</sup> century 8-9 th september, 2017               | 2017 |
| "Mentoring the Teacher Mentors Capacity Building Programme"  | Bhagat, N.                               | National Seminar organized by Internal Quality Assurance Cell, Gargi College, 19-20 <sup>th</sup> Jan 2018                  | 2018 |
| "BioEpoch - building niche for young minds"  | Bhagat, N.                               | Annual Scientific Symposium organized by School of Biotechnology, Jawaharlal Nehru University on 21 <sup>st</sup> Apr 2018. | 2018 |
| Advances in Interdisciplinary Microbiology : Perspective from Academia and Industry                          | Chaudhry, S., Sharma, R.                 | National conference at Bhaskaracharya college of Applied Sciences on 13-14 <sup>th</sup> March, 2018                        | 2018 |
| One day Training programme on academic administration' for non teaching staff of university and its colleges | Mrs Nitika Nagpal; Dr Sunita Aggarwal    |   | 2017 |

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| One day symposium on 'Dimensions of Quality in Contemporary times | Aggarwal, S., George, A., Gulati, N. | One day symposium by SRCC on 11 <sup>th</sup> November 2017                                 | 2017 |
| e-Procurement   | Saini, A                             | Workshop at Keshav Mahavidyalaya, University of Delhi held on 26-27 <sup>th</sup> Feb 2018. | 2018 |